SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNKK3

SOW No. : SFAM01.1

| EPA Sample No. | Lab Sample Id | Analysis Method ICP-AES | ICP-MS | Mercury | Cyanide |
|---|---|---|---|---|---|
| MJNKK5 | P5254-01 | | X | | |
| MJNKK5D | P5254-02 | | X | | |
| MJNKK5S | P5254-03 | | X | | |
| MJNKL7 | P5254-04 | | X | | |
| MJNKP2 | P5254-05 | | X | | |
| MJNKP3 | P5254-06 | | X | | |
| MJNKP4 | P5254-07 | | X | | |
| MJNKP5 | P5254-08 | | X | | |
| MJNKX2 | P5254-09 | | X | | |
| MJNL82 | P5254-10 | | X | | |
| MJNL83 | P5254-11 | | X | | |
| MJNLG1 | P5254-12 | | X | | |
| MJNKK3 | P5254-13 | | X | | |
| MJNKK4 | P5254-14 | | X | | |
| MJNKN6 | P5254-15 | | X | | |
| MJNKN7 | P5254-16 | | X | | |
| MJNKN8 | P5254-17 | | X | | |
| MJNKQ9 | P5254-18 | | X | | |
| MJNKT0 | P5254-19 | | X | | |
| MJNKW1 | P5254-20 | | X | | |
| MJNKW2 | P5254-21 | | X | | |
| MJNKY3 | P5254-22 | | X | | |

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the SDG Narrative. All edits and manual integrations have been peer-reviewed. Release of the data contained in this hardcopy Complete SDG File and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name:

Date: Title:

68HERH20D0011 SDG # MJNKK3



**USEPA CLP COC (LAB COPY)**
DateShipped: 12/10/2024
CarrierName: FedEx
AirbillNo: 7706 5417 6396

**CHAIN OF CUSTODY RECORD**

Case #: 51821
Cooler #: 9

**No: 10-121024-134731-0011**
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

2

| Sample Identifier | CLP Sample No. | Matrix/Sampler | Coll. Method | Analysis/Turnaround (Days) | Tag/Preservative/Bottles | Location | Collection Date/Time | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| MJNKK5 | MJNKK5 | Sediment/ SB | Grab | ICP-MS(21) | 1387 (< 6 C) (1) | OU6-CS-YB22-0.0-0.9 | 12/09/2024 12:00 | 1-Qe |
| MJNKL7 | MJNKL7 | Sediment/ SB | Grab | ICP-MS(21) | 1399 (< 6 C) (1) | OU6-CS-YB23-0.0-0.6 | 12/09/2024 14:35 | 2 |
| MJNKP2 | MJNKP2 | Sediment/ SB | Grab | ICP-MS(21) | 1424 (< 6 C) (1) | OU6-CS-YB25-0.0-1.0 | 12/09/2024 12:45 | 3 |
| MJNKP3 | MJNKP3 | Sediment/ SB | Grab | ICP-MS(21) | 1425 (< 6 C) (1) | OU6-CS-YB25-1.0-2.0 | 12/09/2024 12:50 | 4 |
| MJNKP4 | MJNKP4 | Sediment/ SB | Grab | ICP-MS(21) | 1426 (< 6 C) (1) | OU6-CS-YB25-2.0-3.0 | 12/09/2024 12:55 | 5 |
| MJNKP5 | MJNKP5 | Sediment/ SB | Grab | ICP-MS(21) | 1427 (< 6 C) (1) | OU6-CS-YB25-3.0-3.7 | 12/09/2024 13:00 | 6 |
| MJNKX2 | MJNKX2 | Sediment/ SB | Grab | ICP-MS(21) | 1484 (< 6 C) (1) | OU6-CS-YB10-0.0-1.0 | 12/09/2024 11:10 | 7 |
| MJNL82 | MJNL82 | Sediment/ SB | Grab | ICP-MS(21) | 1594 (< 6 C) (1) | OU6-CS-YB20-0.0-1.0 | 12/06/2024 16:05 | 8 |
| MJNL83 | MJNL83 | Sediment/ MM | Grab | ICP-MS(21) | 1595 (< 6 C) (1) | OU6-CS-YB20-1.0-1.8 | 12/06/2024 16:10 | 9 |
| MJNLG1 | MJNLG1 | Water/ HH,MM | Grab | ICP-MS(21) | 1679 (HNO3 pH<2) (1) | OU6-NA-EB-001 | 12/09/2024 10:20 | 10 water pH 1.0 |
| MJNLH5 | MJNLH5 | Sediment/ SB | Composite | TCLP-Metals(21) | 1245 (< 6 C) (1) | OU6-CS-NA3-0.0-1.0 | 12/06/2024 12:35 | |

Sample(s) to be used for Lab QC: MJNKK5 Tag 1387 - Special Instructions: TCLP (As, Ba, Cd, Cr,Pb,Se,Ag) PLUS TCLP Hg 05434861 05434887

**Shipment for Case Complete? N**

**Samples Transferred From Chain of Custody #**

Analysis Key: ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Sediment, TCLP-Metals=CLP TCLP Metals (As, Ba, Cd, Cr,Pb,Se,Ag, Hg)-Sed

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| | CJ Jacobs | 12/10/24 1500 | | 9:40 12-11-24 | IR Gun 2.1° |
| | | | | | Custody Seal Intact |
| | | | | | Temp Blank Present |
| | | | | | |

**USEPA CLP COC (LAB COPY)**
DateShipped: 12/10/2024
CarrierName: FedEx
AirbillNo: 7706 5594 5660

**CHAIN OF CUSTODY RECORD**

Case #: 51821
Cooler #: 10

**No: 10-121024-144805-0013**
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

3

| Sample Identifier | CLP Sample No. | Matrix/Sampler | Coll. Method | Analysis/Turnaround (Days) | Tag/Preservative/Bottles | Location | Collection Date/Time | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| MJNKK3 | MJNKK3 | Sediment/ LV | Grab | ICP-MS(21) | 1385 (< 6 C) (1) | OU6-CS-YB01A-0.0-1.0 | 12/05/2024 10:50 | 11 |
| MJNKK4 | MJNKK4 | Sediment/ SB | Grab | ICP-MS(21) | 1386 (< 6 C) (1) | OU6-CS-YB01A-1.0-1.9 | 12/05/2024 11:00 | 12 |
| MJNKN6 | MJNKN6 | Sediment/ LV | Grab | ICP-MS(21) | 1418 (< 6 C) (1) | OU6-CS-YB04-0.0-1.0 | 12/05/2024 16:35 | 13 |
| MJNKN7 | MJNKN7 | Sediment/ LV | Grab | ICP-MS(21) | 1419 (< 6 C) (1) | OU6-CS-YB04-0.0-1.0-FD | 12/05/2024 16:35 | 14 |
| MJNKN8 | MJNKN8 | Sediment/ LV | Grab | ICP-MS(21) | 1420 (< 6 C) (1) | OU6-CS-YB04-1.0-1.2 | 12/05/2024 16:45 | 17 |
| MJNKQ9 | MJNKQ9 | Sediment/ SB | Grab | ICP-MS(21) | 1441 (< 6 C) (1) | OU6-CS-YB26-0.0-0.9 | 12/09/2024 15:15 | 16 |
| MJNKT0 | MJNKT0 | Sediment/ LV | Grab | ICP-MS(21) | 1462 (< 6 C) (1) | OU6-CS-YB08-0.0-0.5 | 12/04/2024 12:30 | 17 |
| MJNKW1 | MJNKW1 | Sediment/ MM | Grab | ICP-MS(21) | 1473 (< 6 C) (1) | OU6-CS-YB09-0.0-1.0 | 12/05/2024 14:15 | 15 |
| MJNKW2 | MJNKW2 | Sediment/ MM | Grab | ICP-MS(21) | 1474 (< 6 C) (1) | OU6-CS-YB09-1.0-1.3 | 12/05/2024 14:20 | 19 |
| MJNKY3 | MJNKY3 | Sediment/ SB | Grab | ICP-MS(21) | 1495 (< 6 C) (1) | OU6-CS-YB11-0.0-0.4 | 12/05/2024 12:00 | 20 |

Sample(s) to be used for Lab QC: MJNKN6 Tag 1418, MJNKQ9 Tag 1441, MJNKW2 Tag 1474 - Special Instructions: TCLP (As, Ba, Cd, Cr,Pb,Se,Ag) PLUS
TCLP Hg
05413483, 05413484

**Shipment for Case Complete? N**

**Samples Transferred From Chain of Custody #**

Analysis Key: ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Sediment

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| | Jacob J | 12/12/24 1500 | | 9:40 12-11-24 | ZR-Cooler 2.0°C |
| | | | | | Custody Seal Intact |
| | | | | | Trip Blk present |
| | | | | | |

FORM DC-1

SAMPLE LOG-IN SHEET

| | | |
|---|---|---|
| Lab Name : Alliance Technical Group, LLC | | Page 1 of 2 |
| Received By (Print Name) Prassanna Rana | | Log-in Date 12/11/2024 |
| Received By (Signature) | | |
| Case Number 51821 | SDG No. MJNKK3 | MA No. N/A |

| Remarks: | |
|---|---|
| 1. Custody Seal (s) | Present, Intact |
| 2. Custody Seal Nos. | 0543486,0543487 |
| 3. Traffic Reports/Chain Of Custody Records | Present |
| 4. Airbill | Present |
| 5. Airbill No. and Shipping Container ID No. | 770654176396<br>1 |
| 6. Shipping Container Temperature Indicator Bottle | Present |
| 7. Shipping Container Temperature | 2.1 Degree C |
| 8. Sample Condition | Intact |
| 9. Sample Tags Sample Tag Numbers | Absent<br>Listed on Traffic Report |
| 10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ? | Yes |
| 11. Date Received at Lab | 12/11/2024 |
| 12.Time Received | 09:40 |

| | EPA Sample # | Aqueous/ Water Sample pH | Corresponding Sample Tag # | Corresponding Assigned Lab # | Remarks: Condition of Sample Shipment, etc. |
|---|---|---|---|---|---|
| 1 | MJNKK5 | N/A | 1387 | P5254-01 | Intact |
| 2 | MJNKK5D | N/A | 1387 | P5254-02 | Intact |
| 3 | MJNKK5S | N/A | 1387 | P5254-03 | Intact |
| 4 | MJNKL7 | N/A | 1399 | P5254-04 | Intact |
| 5 | MJNKP2 | N/A | 1424 | P5254-05 | Intact |
| 6 | MJNKP3 | N/A | 1425 | P5254-06 | Intact |
| 7 | MJNKP4 | N/A | 1426 | P5254-07 | Intact |
| 8 | MJNKP5 | N/A | 1427 | P5254-08 | Intact |
| 9 | MJNKX2 | N/A | 1484 | P5254-09 | Intact |
| 10 | MJNL82 | N/A | 1594 | P5254-10 | Intact |
| 11 | MJNL83 | N/A | 1595 | P5254-11 | Intact |
| 12 | MJNLG1 | 1.0 | 1679 | P5254-12 | Intact |
| 13 | N/A | N/A | N/A | N/A | N/A |
| 14 | N/A | N/A | N/A | N/A | N/A |
| 15 | N/A | N/A | N/A | N/A | N/A |
| 16 | N/A | N/A | N/A | N/A | N/A |
| 17 | N/A | N/A | N/A | N/A | N/A |
| 18 | N/A | N/A | N/A | N/A | N/A |
| 19 | N/A | N/A | N/A | N/A | N/A |
| 20 | N/A | N/A | N/A | N/A | N/A |
| 21 | N/A | N/A | N/A | N/A | N/A |
| 22 | N/A | N/A | N/A | N/A | N/A |
| 23 | N/A | N/A | N/A | N/A | N/A |

* Contact SMO and attach record of resolution

| | | | |
|---|---|---|---|
| Reviewed By | | Logbook No. | N/A |
| Date | 12/11/24 | Logbook Page No. | N/A |

FORM DC-1

SAMPLE LOG-IN SHEET

| | | |
|---|---|---|
| Lab Name : Alliance Technical Group, LLC | | Page 2 of 2 |
| Received By (Print Name) Cassandra Rios | | Log-in Date 12/11/2024 |
| Received By (Signature) CR | | |
| Case Number 51821 | SDG No. MJNKK3 | MA No. N/A |

| Remarks: | |
|---|---|
| 1. Custody Seal (s) | Present, Intact |
| 2. Custody Seal Nos. | 0543483,0543484 |
| 3. Traffic Reports/Chain Of Custody Records | Present |
| 4. Airbill | Present |
| 5. Airbill No. and Shipping Container ID No. | 770655945660<br>2 |
| 6. Shipping Container Temperature Indicator Bottle | Present |
| 7. Shipping Container Temperature | 2.0 Degree C |
| 8. Sample Condition | Intact |
| 9. Sample Tags Sample Tag Numbers | Absent<br>Listed on Traffic Report |
| 10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ? | Yes |
| 11. Date Received at Lab | 12/11/2024 |
| 12.Time Received | 09:40 |

| | EPA Sample # | Aqueous/ Water Sample pH | Corresponding Sample Tag # | Corresponding Assigned Lab # | Remarks: Condition of Sample Shipment, etc. |
|---|---|---|---|---|---|
| 1 | MJNKK3 | N/A | 1385 | P5254-13 | Intact |
| 2 | MJNKK4 | N/A | 1386 | P5254-14 | Intact |
| 3 | MJNKN6 | N/A | 1418 | P5254-15 | Intact |
| 4 | MJNKN7 | N/A | 1419 | P5254-16 | Intact |
| 5 | MJNKN8 | N/A | 1420 | P5254-17 | Intact |
| 6 | MJNKQ9 | N/A | 1441 | P5254-18 | Intact |
| 7 | MJNKT0 | N/A | 1462 | P5254-19 | Intact |
| 8 | MJNKW1 | N/A | 1473 | P5254-20 | Intact |
| 9 | MJNKW2 | N/A | 1474 | P5254-21 | Intact |
| 10 | MJNKW3 | N/A | 1495 | P5254-22 | Intact |
| 11 | N/A | N/A | N/A | N/A | N/A |
| 12 | N/A | N/A | N/A | N/A | N/A |
| 13 | N/A | N/A | N/A | N/A | N/A |
| 14 | N/A | N/A | N/A | N/A | N/A |
| 15 | N/A | N/A | N/A | N/A | N/A |
| 16 | N/A | N/A | N/A | N/A | N/A |
| 17 | N/A | N/A | N/A | N/A | N/A |
| 18 | N/A | N/A | N/A | N/A | N/A |
| 19 | N/A | N/A | N/A | N/A | N/A |
| 20 | N/A | N/A | N/A | N/A | N/A |
| 21 | N/A | N/A | N/A | N/A | N/A |
| 22 | N/A | N/A | N/A | N/A | N/A |
| 23 | N/A | N/A | N/A | N/A | N/A |

* Contact SMO and attach record of resolution

| | | | |
|---|---|---|---|
| Reviewed By | | Logbook No. | N/A |
| Date | 12/11/24 | Logbook Page No. | N/A |

FORM DC-2
COMPLETE SDG FILE (CSF) INVENTORY SHEET

| | | | |
|---|---|---|---|
| LAB NAME | **Alliance Technical Group, LLC** | | |
| LAB CODE | **ACE** | | |
| CONTRACT NO. | **68HERH20D0011** | | |
| CASE NO. | **51821** | SDG NO. | **MJNKK3** |
| MA NO. | | SOW NO. | **SFAM01.1** |

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.4)

| | PAGE NOs: FROM | PAGE NOs: TO | CHECK LAB | CHECK REGION |
|---|---|---|---|---|
| 1. SDG Cover Page | 1 | 1 | ✓ | |
| 2. Traffic Report/Chain of Custody Record(s) | 2 | 3 | ✓ | |
| 3. Sample Log-In Sheet (DC-1) | 4 | 5 | ✓ | |
| 4. CSF Inventory Sheet (DC-2) | 6 | 8 | ✓ | |
| 5. SDG Narrative | 9 | 12 | ✓ | |
| 6. Communication Logs | 13 | 22 | ✓ | |
| 7. Percent Solids Log | 23 | 26 | ✓ | |
| **Analysis Forms and Data (ICP-AES)** | | | | |
| 8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable | NA | NA | ✓ | |
| 9. Instrument raw data by instrument in analysis order | NA | NA | ✓ | |
| **Other Data** | | | | |
| 10. Standard and Reagent Preparation Logs | NA | NA | ✓ | |
| 11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks | NA | NA | ✓ | |
| 12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks | NA | NA | ✓ | |
| 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions | NA | NA | ✓ | |
| 14. Extraction Logs for TCLP and SPLP | NA | NA | ✓ | |
| 15. Raw GPC Data | NA | NA | ✓ | |
| 16. Raw Florisil Data | NA | NA | ✓ | |
| **Analysis Forms and Data (ICP-MS)** | | | | |
| 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable | 27 | 46 | ✓ | |
| 18. Instrument raw data by instrument in analysis order | 47 | 1834 | ✓ | |
| **Other Data** | | | | |
| 19. Standard and Reagent Preparation Logs | 1835 | 1976 | ✓ | |
| 20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks | 1977 | 1980 | ✓ | |
| 21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks | 1981 | 2000 | ✓ | |
| 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions | NA | NA | ✓ | |

| | PAGE NOs: FROM | TO | CHECK LAB | REGION |
|---|---|---|---|---|
| 23. Extraction Logs for TCLP and SPLP | NA | NA | ✓ | |
| 24. Raw GPC Data | NA | NA | ✓ | |
| 25. Raw Florisil Data | NA | NA | ✓ | |
| **Analysis Forms and Data (Mercury)** | | | | |
| 26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable | NA | NA | ✓ | |
| 27. Instrument raw data by instrument in analysis order | NA | NA | ✓ | |
| **Other Data** | | | | |
| 28. Standard and Reagent Preparation Logs | NA | NA | ✓ | |
| 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks | NA | NA | ✓ | |
| 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks | NA | NA | ✓ | |
| 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions | NA | NA | ✓ | |
| 32. Extraction Logs for TCLP and SPLP | NA | NA | ✓ | |
| 33. Raw GPC Data | NA | NA | ✓ | |
| 34. Raw Florisil Data | NA | NA | ✓ | |
| **Analysis Forms and Data (Cyanide)** | | | | |
| 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable | NA | NA | ✓ | |
| 36. Instrument raw data by instrument in analysis order | NA | NA | ✓ | |
| **Other Data** | | | | |
| 37. Standard and Reagent Preparation Logs | NA | NA | ✓ | |
| 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks | NA | NA | ✓ | |
| 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks | NA | NA | ✓ | |
| 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions | NA | NA | ✓ | |
| 41. Extraction Logs for TCLP and SPLP | NA | NA | ✓ | |
| 42. Raw GPC Data | NA | NA | ✓ | |
| 43. Raw Florisil Data | NA | NA | ✓ | |

| | PAGE NOs: FROM | TO | CHECK LAB | REGION |
|---|---|---|---|---|
| **Additional** | | | | |
| 44. EPA Shipping/Receiving Documents | | | | |
| Airbill (No. of Shipments 2 ) | 2001 | 2002 | ✓ | |
| Sample Tags | NA | NA | ✓ | |
| Sample Log-In Sheet (Lab) | 2003 | 2004 | ✓ | |
| 45. Misc. Shipping/Receiving Records(list all individual records) | | | | |
| | NA | NA | ✓ | |
| | | | | |
| | | | | |
| 46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list) | | | | |
| | 2005 | 2006 | ✓ | |
| | | | | |
| 47. Other Records and related Communication Logs (describe or list) | | | | |
| | NA | NA | ✓ | |
| | | | | |
| | | | | |

48. Comments:

Completed by:
(CLP Lab) _____ Nimisha Pandya, Document Control Officer _____
(Signature) (Print Name & Title) (Date)

Audited by:
(EPA) _____ _____ _____
(Signature) (Print Name & Title) (Date)

**284 Sheffield Street**
**Mountainside, NJ 07092**

**SDG NARRATIVE**

**USEPA**
**SDG # MJNKK3**
**CASE # 51821**
**CONTRACT # 68HERH20D0011**
**SOW# SFAM01.1**
**LAB NAME: Alliance Technical Group, LLC**
**LAB CODE: ACE**
**LAB ORDER ID # P5254**

**A. Number of Samples and Date of Receipt**

19 Soil & 01 Water samples was delivered to the laboratory intact on 12/11/2024.

**B. Parameters**

Test requested for Metals CLP4 MS = Arsenic, Copper, Lead, Zinc.

Test requested for Metals CLP MS-CLP4 = Arsenic, Copper, Lead, Zinc.

**C. Cooler Temp**

Indicator Bottle**: Presence/**Absence

Cooler: 2.1$^{o}$C, 2.0$^{o}$C

**D. Detail Documentation (related to Sample Handling Shipping, Analytical Problem, Temp of Cooler etc):**

Issue 1 : A "P" or "M" prefix was listed at the beginning of a CLP sample ID.

Issue 2: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 and not use the remaining designated samples for QC. Please advise on how the laboratory may proceed.

Issue 3: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

**E. Corrective Action taken for above:**

Resolution 1 : To maintain COC integrity, ASB requests no changes to the Sample IDs. The laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

Resolution 2: Per Region 10, it is acceptable for the laboratory to proceed with performing laboratory QC on samples MJNKK5, MJNL72, and MJNL92 and the scheduled analyses on the remaining samples. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

Resolution 3: Per Region 10, the containers for samples MJNKK3 and MJNKK4 were inadvertently mislabeled. Please change CLP sample number MJNKK6 to MJNKK3 on the sample label and analyze as indicated for MJNKK3 on the COC. Please change CLP sample number MJNKK8 to MJNKK4 on the sample label and analyze as indicated for MJNKK4 on the COC. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

**F. Analytical Techniques:**

All analyses were based on CLP Methodology by method SFAM01.1.

**G. Calculation:**

**Calculation for ICP-MS Soil Sample:**

Conversion of Results from µg /L or ppb to mg/kg :

$$\text{Concentration (mg/kg)} = C \times \frac{Vf}{W \times S} \times DF / 1000$$

Where,

C = Instrument value in ppb (The average of all replicate integrations)
Vf = Final digestion volume (mL)
W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

**Example Calculation For Sample MJNKK5 For Arsenic:**

If C = 452.67 ppb
Vf = 500 ml
W = 1.19 g
S = 0.508(50.8/100)
DF = 1

$$\text{Concentration (mg/kg)} = 452.67 \times \frac{500}{1.19 \times 0.508} \times 1 / 1000$$

= 374.40 mg/kg

= 370 mg/kg (Reported Result with Signification)

**Calculation for ICP-MS Water Sample**:

$$\text{Concentration or Result (µg/L)} = C \times \frac{Vf}{Vi} \times DF$$

Where,

C = Instrument value in ppb (The average of all replicate integrations)
Vf = Final digestion volume (mL)
Vi = Initial aliquot amount (mL) (Sample amount taken in prep)
DF = Dilution Factor

**Example Calculation:**

If C = 368 ppb
Vf = 50 ml
Vi = 50 ml
DF = 1

$$\text{Concentration or Result (µg/L)} = 368 \times \frac{50}{50} \times 1$$

= 368 µg/L

= 370 µg/L (Reported Result with Signification)

**H. QA/ QC**

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. Spike sample did meet requirements. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

Some samples have % solids results less than 50% but more than 30%. Please see below table for detail. Laboratory has processed these samples according to the SFAM01.1 SOW, Exhibit D, sections 10.1.1.8.

| EPA Sample ID | % Solid |
|---|---|
| MJNKP2 | 34.9 |
| MJNKP3 | 35 |
| MJNKP4 | 33.1 |
| MJNKP5 | 40.5 |
| MJNKQ9 | 36.9 |

**284 Sheffield Street**
**Mountainside, NJ 07092**

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

Internal Standard Association for ICP-MS analysis.

| Target Analyte | Associated Internal Standard |
|---|---|
| Arsenic | 89Y |
| Copper | 45Sc |
| Lead | 209Bi |
| Zinc | 45Sc |

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature_____ Name: Nimisha Pandya

Date _____ Title: Document Control Officer

**From:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Sent:** Friday, December 13, 2024 4:43 PM
**To:** Mohammad Ahmed; Deepak Parmar; Sohil Jodhani
**Cc:** Johnson, Matthew; Bauer, Heather E; Dunn, Meghan (she/her/hers; Reece, Caitlin
**Subject:** Region 10 | Case 51821 | Lab ACE | Issue Documentation | FINAL
**Attachments:** SKM_95824121110240.pdf

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Secured by Check Point

***Updated Record of Communication***
This Record of Communication is being updated to include resolutions to issues 2 and 3.

Good afternoon,

Please see the below resolutions from Region 10.

**Inappropriate/insufficient designation of laboratory QC**
Issue 1: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 and not use the remaining designated samples for QC. Please advise on how the laboratory may proceed.
Resolution 1: Per Region 10, it is acceptable for the laboratory to proceed with performing laboratory QC on samples MJNKK5, MJNL72, and MJNL92 and the scheduled analyses on the remaining samples. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

**Samples/analyses listed on COC but not received at laboratory**
Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.
Resolution 2: Per Region 10, the containers for samples MJNKK3 and MJNKK4 were inadvertently mislabeled. Please change CLP sample number MJNKK6 to MJNKK3 on the sample label and analyze as indicated for MJNKK3 on the COC. Please change CLP sample number MJNKK8 to MJNKK4 on the sample label and analyze as indicated for MJNKK4 on the COC. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

**Samples/analyses received at laboratory but not listed on COC**
Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.
Resolution 3: Per Region 10, these containers were inadvertently mislabeled. Please change CLP sample number MJNKK6 to MJNKK3 on the sample label and analyze as indicated for MJNKK3 on the COC. Please change CLP sample number MJNKK8 to MJNKK4 on the sample label and analyze as indicated for MJNKK4 on the COC. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

Please note that the laboratory may contact the appropriate CLP PM should any defects need to be waived for this issue.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
***Under contract to the EPA***

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com



**Leave Alert: December 24, 2024**

**From:** Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
**Sent:** Friday, December 13, 2024 4:19 PM
**To:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Reece, Caitlin <Reece.Caitlin@epa.gov>
**Subject:** RE: Region 10 | Case 51821 | Lab ACE | Issue Documentation

**This Message Is From an External Sender**

Please use caution with links, attachments, and any requests for credentials.

Hi Casey,

Here is the response from the sampler copied below. The lab can proceed with the analysis and please hand correct the labels.

So the two Jars received (MJNKK6 and MNJKK8) are miss labeled and should be changed to the following:

- MJNKK6 change to MJNKK3
- MJNKK8 change to MJNKK4

This also corrects the two missing sample IDs. Pass my apologies on to the lab and thank them for the quick response for the photos.

Thank you!

**Meghan Dunn**
QA Chemist / RSCC
(Regional Sample Control Coordinator)
U.S. EPA, Region 10
Cell (206) 330-6743

Office (206) 553-8561

**From:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Sent:** Friday, December 13, 2024 11:36 AM
**To:** Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>
**Subject:** Region 10 | Case 51821 | Lab ACE | Issue Documentation

**Caution:** This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Hi Meghan,

Please see the attached photos of samples MJNKK6 and MJNKK8. I have included the open issues below for your reference!

**Samples/analyses listed on COC but not received at laboratory**
Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

**Samples/analyses received at laboratory but not listed on COC**
Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
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casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

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information technology

**Leave Alert: December 24, 2024**

**From:** Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Sent:** Friday, December 13, 2024 2:30 PM
**To:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
**Subject:** RE: Region 10 | Case 51821 | Lab ACE | Issue Documentation

**This Message Is From an External Sender**

Please use caution with links, attachments, and any requests for credentials.

Good afternoon,

Please see attachment for your reference.

**Thanks & Regards,**

**Deepak Parmar**
**QA/QC**
**An Alliance Technical Group Company**
**Main:** 908-789-8900
**Direct:** 908-728-3154
**Address:** 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

**From:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Sent:** Friday, December 13, 2024 1:34 PM
**To:** Mohammad Ahmed <Mohammad.Ahmed@AllianceTG.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>; Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
**Subject:** Region 10 | Case 51821 | Lab ACE | Issue Documentation

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**Secured by Check Point**

Good afternoon,

The Region is requesting supplemental information for issue 3, would the laboratory please provide photos of the top of the sample jars and the sample labels for MJNKK6 and MJNKK8?

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
***Under contract to the EPA***

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

**Leave Alert: December 24, 2024**

**From:** Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
**Sent:** Friday, December 13, 2024 1:31 PM
**To:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Reece, Caitlin <Reece.Caitlin@epa.gov>
**Subject:** RE: Region 10 | Case 51821 | Lab ACE | Issue Documentation

**This Message Is From an External Sender**

Please use caution with links, attachments, and any requests for credentials.

Hi Casey,

The project team is uncertain what the samples are: can the lab please provide photos of both the top of jar and the sample labels on MJNKK6 and MJNKK8?

Thank you,
Meghan

**From:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Sent:** Friday, December 13, 2024 7:22 AM
**To:** Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>
**Subject:** Region 10 | Case 51821 | Lab ACE | Issue Documentation

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Good morning,

I would like to follow up regarding issues 2 and 3 below.

**Samples/analyses listed on COC but not received at laboratory**
Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

**Samples/analyses received at laboratory but not listed on COC**
Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10

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casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

**Leave Alert: December 24, 2024**

**From:** Shaeffer, Casey
**Sent:** Thursday, December 12, 2024 1:38 PM
**To:** mohammad.ahmed@alliancetg.com; deepak.parmar@alliancetg.com; Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
**Cc:** Johnson, Matthew <Matthew.Johnson32@gdit.com>; Bauer, Heather E <Heather.Bauer@gdit.com>; Dunn, Meghan (she/her/hers <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>
**Subject:** Region 10 | Case 51821 | Lab ACE | Issue Documentation | FINAL

Good afternoon,

Please see the below Resolution 1 from Region 10. Please note that resolutions for the remaining issues will be provided once available.

**Inappropriate/insufficient designation of laboratory QC**
Issue 1: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 and not use the remaining designated samples for QC. Please advise on how the laboratory may proceed.
Resolution 1: Per Region 10, it is acceptable for the laboratory to proceed with performing laboratory QC on samples MJNKK5, MJNL72, and MJNL92 and the scheduled analyses on the remaining samples. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

**Samples/analyses listed on COC but not received at laboratory**
Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

**Samples/analyses received at laboratory but not listed on COC**
Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Please note that the laboratory may contact the appropriate CLP PM should any defects need to be waived for this issue.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10

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casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

**Leave Alert: December 24, 2024**

**From:** Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
**Sent:** Thursday, December 12, 2024 1:08 PM
**To:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Reece, Caitlin <Reece.Caitlin@epa.gov>
**Subject:** RE: Region 10 | Case 51821 | Lab ACE | Issue Documentation

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Hi Casey,

Apologies for the delay:

Issue 1: It is acceptable proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 for laboratory QC and scheduled analyses on the remaining samples as preferred by the lab.

The sampling team is figuring out Issues 2 & 3. There is a suspected mis-labeling.

Thank you,
Meghan

**Meghan Dunn**
QA Chemist / RSCC
(Regional Sample Control Coordinator)
U.S. EPA, Region 10
Cell (206) 330-6743
Office (206) 553-8561

**From:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Sent:** Wednesday, December 11, 2024 8:32 AM
**To:** Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>
**Subject:** Region 10 | Case 51821 | Lab ACE | Issue Documentation

**Caution:** This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good morning,

Please see the below issues from ACE.

**Inappropriate/insufficient designation of laboratory QC**
Issue 1: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 for laboratory QC and scheduled analyses on the remaining samples. Please advise on how the laboratory may proceed.

**Samples/analyses listed on COC but not received at laboratory**
Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

**Samples/analyses received at laboratory but not listed on COC**
Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
***Under contract to the EPA***

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casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

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**Leave Alert: December 24, 2024**

**From:** Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Sent:** Wednesday, December 11, 2024 11:21 AM
**To:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Cc:** Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
**Subject:** RE: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

**This Message Is From an External Sender**

Please use caution with links, attachments, and any requests for credentials.

Good morning,

Please see Attached other COC for sample MJNKK5.

**Thanks & Regards,**

**Deepak Parmar**
QA/QC
**An Alliance Technical Group Company**
**Main:** 908-789-8900
**Direct:** 908-728-3154
**Address:** 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

**From:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Sent:** Wednesday, December 11, 2024 11:15 AM
**To:** Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Cc:** Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
**Subject:** RE: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

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**Secured by Check Point**

Good morning, Deepak,

Would the laboratory please confirm the CLP sample numbers that they'd like to use for laboratory QC? The below email lists sample MJNKK5, but this sample is not listed on the attached COC.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
***Under contract to the EPA***

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

**Leave Alert: December 24, 2024**

**From:** Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Sent:** Wednesday, December 11, 2024 10:58 AM
**To:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Cc:** Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
**Subject:** Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

**This Message Is From an External Sender**

Please use caution with links, attachments, and any requests for credentials.

Good morning,

Issue 1: Lab received six samples mentioned COC for lab QC however lab need only one QC sample per SDG. Lab will use samples MJNKK5, MJNL72 and MJNL92 for Lab QC. Lab will use other QC samples as regular analysis .

Issue 2: sample MJNKK3 and MJNKK4 mentioned on COC but not received with shipment. Sample MJNKK6 and MJNKK8 received but not mentioned on COC. there for lab would like to confirm they should proceed with analysis ?

Please see attachment for your reference.

**Thanks & Regards,**

**Deepak Parmar**
**QA/QC**
**An Alliance Technical Group Company**
**Main:** 908-789-8900
**Direct:** 908-728-3154
**Address:** 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

Alliance TECHNICAL GROUP

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 12/16/2024

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 14:10
**In Date:** 12/13/2024
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 103
**Time OUT:** 08:00
**Out Date:** 12/14/2024
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID- OVEN

**QC:** LB133943

| Lab ID | Client SampleID | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments |
|---|---|---|---|---|---|---|---|---|
| P5254-01 | MJNKK5 | 1 | 1.16 | 8.50 | 9.66 | 5.48 | 50.8 | |
| P5254-02 | MJNKK5D | 2 | 1.16 | 8.50 | 9.66 | 5.48 | 50.8 | |
| P5254-03 | MJNKK5S | 3 | 1.16 | 8.50 | 9.66 | 5.48 | 50.8 | |
| P5254-04 | MJNKL7 | 4 | 1.18 | 8.79 | 9.97 | 6.09 | 55.9 | |
| P5254-05 | MJNKP2 | 5 | 1.16 | 8.59 | 9.75 | 4.16 | 34.9 | |
| P5254-06 | MJNKP3 | 6 | 1.15 | 8.80 | 9.95 | 4.23 | 35.0 | |
| P5254-07 | MJNKP4 | 7 | 1.16 | 8.76 | 9.92 | 4.06 | 33.1 | |
| P5254-08 | MJNKP5 | 8 | 1.15 | 8.79 | 9.94 | 4.71 | 40.5 | |
| P5254-09 | MJNKX2 | 9 | 1.12 | 8.42 | 9.54 | 6.79 | 67.3 | |
| P5254-10 | MJNL82 | 10 | 1.16 | 8.83 | 9.99 | 6.73 | 63.1 | |
| P5254-11 | MJNL83 | 11 | 1.15 | 8.66 | 9.81 | 8.22 | 81.6 | |
| P5254-13 | MJNKK3 | 12 | 1.18 | 8.79 | 9.97 | 6.51 | 60.6 | |
| P5254-14 | MJNKK4 | 13 | 1.15 | 8.81 | 9.96 | 8.38 | 82.1 | |
| P5254-15 | MJNKN6 | 14 | 1.19 | 8.66 | 9.85 | 5.58 | 50.7 | |
| P5254-16 | MJNKN7 | 15 | 1.15 | 8.82 | 9.97 | 5.84 | 53.2 | |
| P5254-17 | MJNKN8 | 16 | 1.18 | 8.79 | 9.97 | 6.59 | 61.5 | |
| P5254-18 | MJNKQ9 | 17 | 1.11 | 8.75 | 9.86 | 4.34 | 36.9 | |
| P5254-19 | MJNKT0 | 18 | 1.15 | 8.81 | 9.96 | 7.05 | 67.0 | |
| P5254-20 | MJNKW1 | 19 | 1.15 | 8.83 | 9.98 | 6.76 | 63.5 | |
| P5254-21 | MJNKW2 | 20 | 1.14 | 8.83 | 9.97 | 8.04 | 78.1 | |
| P5254-22 | MJNKY3 | 21 | 1.13 | 8.65 | 9.78 | 6.62 | 63.5 | |
| P5255-01 | MJNL27 | 22 | 1.15 | 8.82 | 9.97 | 8.8 | 86.7 | |
| P5255-02 | MJNL72 | 23 | 1.14 | 8.69 | 9.83 | 7.85 | 77.2 | |
| P5255-03 | MJNL72D | 24 | 1.14 | 8.69 | 9.83 | 7.85 | 77.2 | |
| P5255-04 | MJNL72S | 25 | 1.14 | 8.69 | 9.83 | 7.85 | 77.2 | |
| P5255-05 | MJNL93 | 26 | 1.16 | 8.64 | 9.8 | 5.07 | 45.3 | |
| P5255-06 | MJNL94 | 27 | 1.19 | 8.43 | 9.62 | 7.09 | 70.0 | |
| P5256-01 | MJNL92 | 28 | 1.17 | 8.54 | 9.71 | 5.07 | 45.7 | |

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 12/16/2024

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 14:10
**In Date:** 12/13/2024
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 103
**Time OUT:** 08:00
**Out Date:** 12/14/2024
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID- OVEN

**QC:** LB133943

| Lab ID | Client SampleID | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments |
|---|---|---|---|---|---|---|---|---|
| P5256-02 | MJNL92D | 29 | 1.17 | 8.54 | 9.71 | 5.07 | 45.7 | |
| P5256-03 | MJNL92S | 30 | 1.17 | 8.54 | 9.71 | 5.07 | 45.7 | |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

VB 133943

**WorkList Name :** %1-p5254 **WorkList ID :** 186330 **Department :** Wet-Chemistry **Date :** 12-13-2024 13:01:49

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5254-01 | MJNKK5 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-02 | MJNKK5D | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-03 | MJNKK5S | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-04 | MJNKL7 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-05 | MJNKP2 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-06 | MJNKP3 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-07 | MJNKP4 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-08 | MJNKP5 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-09 | MJNKX2 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-10 | MJNL82 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-11 | MJNL83 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/06/2024 | Chemtech -SO |
| P5254-13 | MJNKK3 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/06/2024 | Chemtech -SO |
| P5254-14 | MJNKK4 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | Chemtech -SO |
| P5254-15 | MJNKN6 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | Chemtech -SO |
| P5254-16 | MJNKN7 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | Chemtech -SO |
| P5254-17 | MJNKN8 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | Chemtech -SO |
| P5254-18 | MJNKQ9 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | Chemtech -SO |
| P5254-19 | MJNKT0 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | Chemtech -SO |
| P5254-20 | MJNKW1 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/04/2024 | Chemtech -SO |
| P5254-21 | MJNKW2 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | Chemtech -SO |
| P5254-22 | MJNKY3 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | Chemtech -SO |

25

**Date/Time** 12-13-24 13:10

**Raw Sample Received by:** JB WC

**Raw Sample Relinquished by:** QR



**Date/Time** 12-13-24 14:15 14:15 JB

**Raw Sample Received by:** QR

**Raw Sample Relinquished by:** JB WC

# WORKLIST(Hardcopy Internal Chain)

VB133943

**WorkList Name :** %1-p5254 **WorkList ID :** 186330 **Department :** Wet-Chemistry **Date :** 12-13-2024 13:01:49

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5255-01 | MJNL27 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C12 | 12/05/2024 | Chemtech -SO |
| P5255-02 | MJNL72 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C12 | 12/03/2024 | Chemtech -SO |
| P5255-03 | MJNL72D | Solid | Percent Solids | Cool 4 deg C | USEP01 | C12 | 12/03/2024 | Chemtech -SO |
| P5255-04 | MJNL72S | Solid | Percent Solids | Cool 4 deg C | USEP01 | C12 | 12/03/2024 | Chemtech -SO |
| P5255-05 | MJNL93 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C12 | 12/03/2024 | Chemtech -SO |
| P5255-06 | MJNL94 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C12 | 12/03/2024 | Chemtech -SO |
| P5256-01 | MJNL92 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C13 | 12/03/2024 | Chemtech -SO |
| P5256-02 | MJNL92D | Solid | Percent Solids | Cool 4 deg C | USEP01 | C13 | 12/03/2024 | Chemtech -SO |
| P5256-03 | MJNL92S | Solid | Percent Solids | Cool 4 deg C | USEP01 | C13 | 12/03/2024 | Chemtech -SO |

26

**Date/Time** 12-13-24 13:10

**Raw Sample Received by:**

**Raw Sample Relinquished by:**



**Date/Time** 12-13-24 14:15

**Raw Sample Received by:**

**Raw Sample Relinquished by:**

EPA SAMPLE NO.

MJNKK3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-13

% Solids: 60.6 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 390 | | 12/23/2024 | 2225 |
| 7440-50-8 | Copper | 1500 | | 12/23/2024 | 2225 |
| 7439-92-1 | Lead | 920 | | 12/23/2024 | 2225 |
| 7440-66-6 | Zinc | 9300 | D | 12/23/2024 | 2323 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKK4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-14

% Solids: 82.1 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 14 | | 12/23/2024 | 2228 |
| 7440-50-8 | Copper | 45 | | 12/23/2024 | 2228 |
| 7439-92-1 | Lead | 26 | | 12/23/2024 | 2228 |
| 7440-66-6 | Zinc | 140 | | 12/23/2024 | 2228 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKK5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-01

% Solids: 50.8 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 370 | | 12/23/2024 | 2148 |
| 7440-50-8 | Copper | 2200 | | 12/23/2024 | 2148 |
| 7439-92-1 | Lead | 850 | | 12/23/2024 | 2148 |
| 7440-66-6 | Zinc | 4700 | | 12/23/2024 | 2148 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKL7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-04

% Solids: 55.9 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 95 | | 12/23/2024 | 2200 |
| 7440-50-8 | Copper | 840 | | 12/23/2024 | 2200 |
| 7439-92-1 | Lead | 170 | | 12/23/2024 | 2200 |
| 7440-66-6 | Zinc | 430 | | 12/23/2024 | 2200 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKN6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-15

% Solids: 50.7 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 230 | | 12/23/2024 | 2237 |
| 7440-50-8 | Copper | 1400 | | 12/23/2024 | 2237 |
| 7439-92-1 | Lead | 440 | | 12/23/2024 | 2237 |
| 7440-66-6 | Zinc | 2200 | | 12/23/2024 | 2237 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKN7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-16

% Solids: 53.2 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 210 | | 12/23/2024 | 2240 |
| 7440-50-8 | Copper | 1300 | | 12/23/2024 | 2240 |
| 7439-92-1 | Lead | 440 | | 12/23/2024 | 2240 |
| 7440-66-6 | Zinc | 2200 | | 12/23/2024 | 2240 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKN8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-17

% Solids: 61.5 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 210 | | 12/23/2024 | 2243 |
| 7440-50-8 | Copper | 1200 | | 12/23/2024 | 2243 |
| 7439-92-1 | Lead | 450 | | 12/23/2024 | 2243 |
| 7440-66-6 | Zinc | 2800 | | 12/23/2024 | 2243 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKP2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-05

% Solids: 34.9 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 250 | | 12/23/2024 | 2203 |
| 7440-50-8 | Copper | 2000 | | 12/23/2024 | 2203 |
| 7439-92-1 | Lead | 390 | | 12/23/2024 | 2203 |
| 7440-66-6 | Zinc | 2600 | | 12/23/2024 | 2203 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKP3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-06

% Solids: 35 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 450 | | 12/23/2024 | 2206 |
| 7440-50-8 | Copper | 3000 | | 12/23/2024 | 2206 |
| 7439-92-1 | Lead | 630 | | 12/23/2024 | 2206 |
| 7440-66-6 | Zinc | 1300 | | 12/23/2024 | 2206 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKP4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-07

% Solids: 33.1 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 400 | | 12/23/2024 | 2209 |
| 7440-50-8 | Copper | 2400 | | 12/23/2024 | 2209 |
| 7439-92-1 | Lead | 620 | | 12/23/2024 | 2209 |
| 7440-66-6 | Zinc | 1000 | | 12/23/2024 | 2209 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKP5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-08

% Solids: 40.5 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 290 | | 12/23/2024 | 2212 |
| 7440-50-8 | Copper | 2500 | | 12/23/2024 | 2212 |
| 7439-92-1 | Lead | 800 | | 12/23/2024 | 2212 |
| 7440-66-6 | Zinc | 1500 | | 12/23/2024 | 2212 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKQ9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-18

% Solids: 36.9 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 310 | | 12/23/2024 | 2246 |
| 7440-50-8 | Copper | 3400 | | 12/23/2024 | 2246 |
| 7439-92-1 | Lead | 490 | | 12/23/2024 | 2246 |
| 7440-66-6 | Zinc | 1400 | | 12/23/2024 | 2246 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKT0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-19

% Solids: 67 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 69 | | 12/23/2024 | 2249 |
| 7440-50-8 | Copper | 650 | | 12/23/2024 | 2249 |
| 7439-92-1 | Lead | 100 | | 12/23/2024 | 2249 |
| 7440-66-6 | Zinc | 270 | | 12/23/2024 | 2249 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKW1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-20

% Solids: 63.5 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 99 | | 12/23/2024 | 2252 |
| 7440-50-8 | Copper | 750 | | 12/23/2024 | 2252 |
| 7439-92-1 | Lead | 200 | | 12/23/2024 | 2252 |
| 7440-66-6 | Zinc | 980 | | 12/23/2024 | 2252 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKW2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-21

% Solids: 78.1 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 36 | | 12/23/2024 | 2256 |
| 7440-50-8 | Copper | 200 | | 12/23/2024 | 2256 |
| 7439-92-1 | Lead | 62 | | 12/23/2024 | 2256 |
| 7440-66-6 | Zinc | 290 | | 12/23/2024 | 2256 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKX2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-09

% Solids: 67.3 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 52 | | 12/23/2024 | 2216 |
| 7440-50-8 | Copper | 540 | | 12/23/2024 | 2216 |
| 7439-92-1 | Lead | 200 | | 12/23/2024 | 2216 |
| 7440-66-6 | Zinc | 200 | | 12/23/2024 | 2216 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNKY3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-22

% Solids: 63.5 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 38 | | 12/23/2024 | 2259 |
| 7440-50-8 | Copper | 630 | | 12/23/2024 | 2259 |
| 7439-92-1 | Lead | 89 | | 12/23/2024 | 2259 |
| 7440-66-6 | Zinc | 200 | | 12/23/2024 | 2259 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNL82

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-10

% Solids: 63.1 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 120 | | 12/23/2024 | 2219 |
| 7440-50-8 | Copper | 2200 | | 12/23/2024 | 2219 |
| 7439-92-1 | Lead | 160 | | 12/23/2024 | 2219 |
| 7440-66-6 | Zinc | 520 | | 12/23/2024 | 2219 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNL83

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: SOIL Lab Sample ID: P5254-11

% Solids: 81.6 Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 4.8 | | 12/23/2024 | 2222 |
| 7440-50-8 | Copper | 37 | | 12/23/2024 | 2222 |
| 7439-92-1 | Lead | 7.5 | | 12/23/2024 | 2222 |
| 7440-66-6 | Zinc | 30 | | 12/23/2024 | 2222 |

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MJNLG1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKK3

Matrix: Water Lab Sample ID: P5254-12

% Solids: Date Received: 12/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7440-38-2 | Arsenic | 1.0 | U | 12/27/2024 | 1950 |
| 7440-50-8 | Copper | 2.0 | U | 12/27/2024 | 1950 |
| 7439-92-1 | Lead | 1.0 | U | 12/27/2024 | 1950 |
| 7440-66-6 | Zinc | 5.0 | U | 12/27/2024 | 1950 |

NOTE: Hardness (total) is reported in mg/L

Comments:

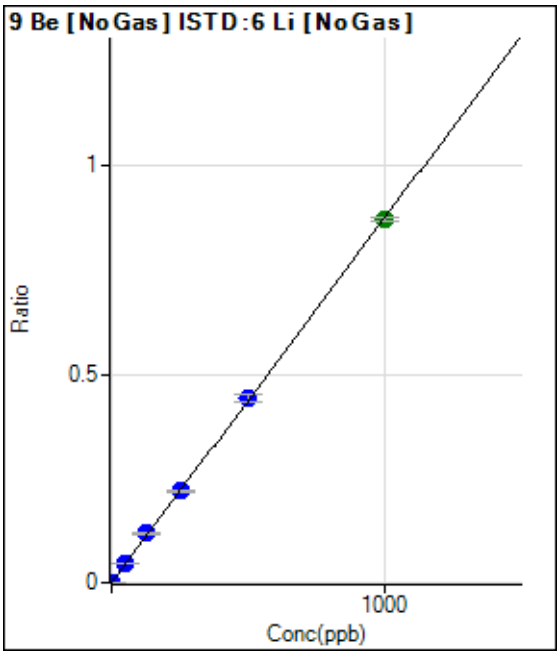
Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7



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DA Date-Time: 2024-12-23 17:01:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
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| 2 | 006CALS.d | S02 | 2024-12-23 11:05:51 |
| 3 | 007CALS.d | S03 | 2024-12-23 11:09:06 |
| 4 | 008CALS.d | S04 | 2024-12-23 11:12:08 |
| 5 | 009CALS.d | S05 | 2024-12-23 11:14:58 |
| 6 | 010CALS.d | S06 | 2024-12-23 11:17:46 |
| 7 | 011CALS.d | S07 | 2024-12-23 11:20:30 |
| 8 | 012CALS.d | S08 | 2024-12-23 11:23:17 |

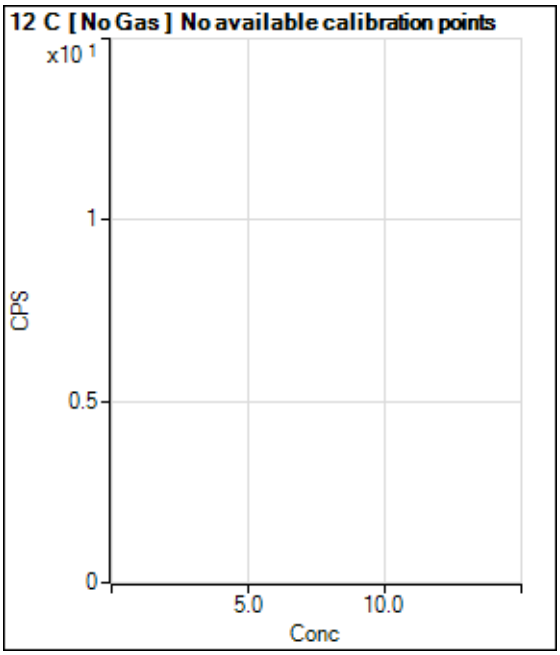
Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 56.67 | 0.0000 | P | 11.8 |
| 2 | ☐ | 1.000 | 1.175 | 1823.46 | 0.0011 | P | 6.6 |
| 3 | ☐ | 50.000 | 54.527 | 83405.72 | 0.0477 | P | 1.3 |
| 4 | ☐ | 125.000 | 135.026 | 209945.46 | 0.1182 | P | 2.2 |
| 5 | ☐ | 250.000 | 251.410 | 399224.25 | 0.2200 | P | 1.6 |
| 6 | ☐ | 500.000 | 506.043 | 759413.90 | 0.4428 | P | 3.3 |
| 7 | ☐ | 1000.000 | 995.146 | 1486101.64 | 0.8707 | A | 0.9 |
| 8 | ☐ | | | 530.01 | 0.0003 | P | 7.2 |

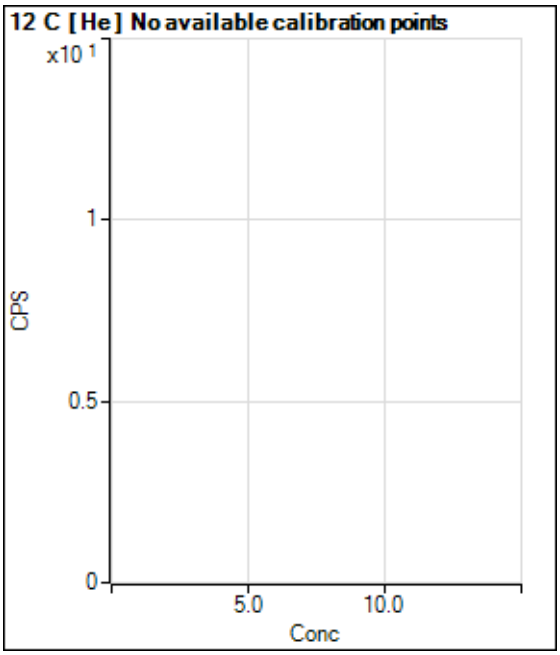
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Weight: <None>
Min Conc: 0

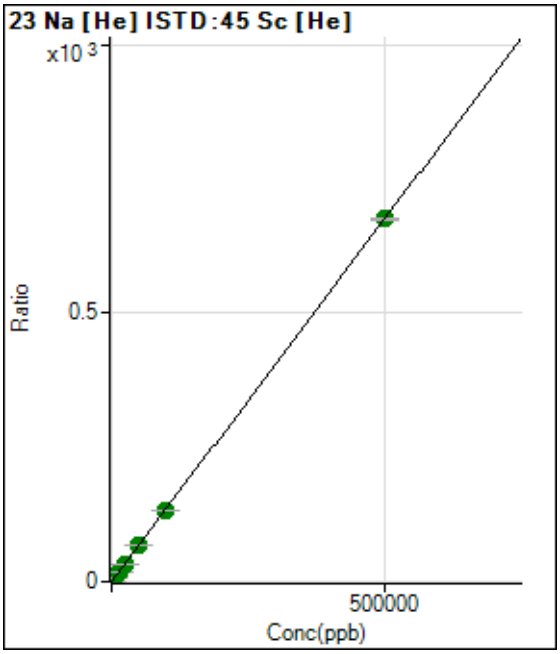



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |

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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |

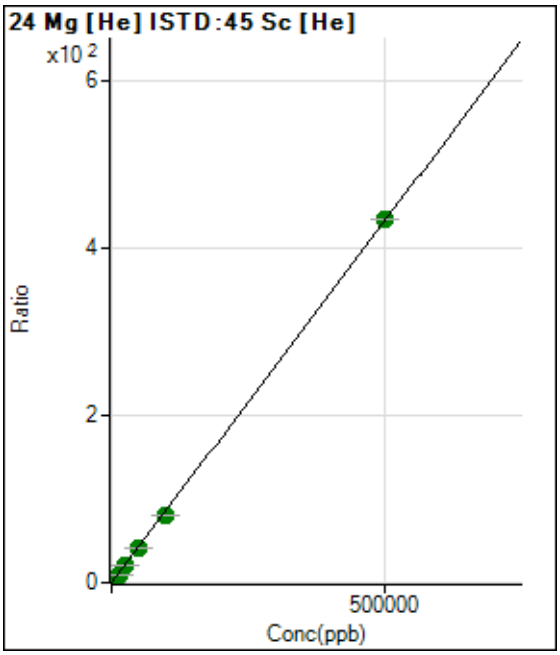



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 22209.44 | 0.0375 | P | 1.7 |
| 2 | ☐ | 500.000 | 509.986 | 434280.33 | 0.7258 | P | 0.3 |
| 3 | ☐ | 5000.000 | 4936.720 | 3985543.38 | 6.7000 | A | 1.2 |
| 4 | ☐ | 12500.000 | 12559.490 | 9771609.85 | 16.9876 | A | 0.4 |
| 5 | ☐ | 25000.000 | 24690.286 | 16732555.31 | 33.3592 | A | 1.0 |
| 6 | ☐ | 50000.000 | 49576.905 | 32400303.68 | 66.9458 | A | 0.5 |
| 7 | ☐ | 100000.00 | 98623.807 | 64898651.81 | 133.1388 | A | 0.2 |
| 8 | ☐ | 500000.00 | 500332.16 | 350546243.67 | 675.2788 | A | 0.8 |

y = 0.0013 * x + 0.0375
R = 1.0000
DL = 1.398
BEC = 27.78

Weight: <None>
Min Conc: 0

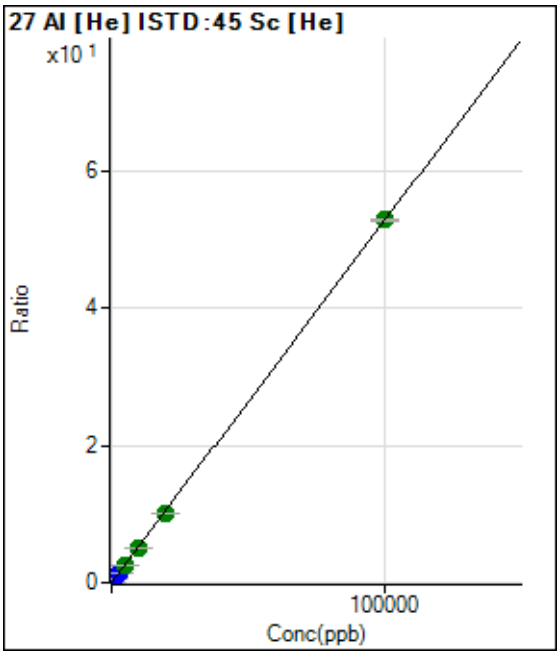
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 582.24 | 0.0010 | P | 5.9 |
| 2 | ☐ | 500.000 | 522.237 | 271108.56 | 0.4531 | P | 0.1 |
| 3 | ☐ | 5000.000 | 4700.869 | 2421363.60 | 4.0704 | A | 0.4 |
| 4 | ☐ | 12500.000 | 11775.989 | 5864395.05 | 10.1952 | A | 0.6 |
| 5 | ☐ | 25000.000 | 23316.065 | 10125072.49 | 20.1852 | A | 0.4 |
| 6 | ☐ | 50000.000 | 46762.604 | 19592580.82 | 40.4823 | A | 0.4 |
| 7 | ☐ | 100000.00 | 92700.541 | 39117677.47 | 80.2498 | A | 0.4 |
| 8 | ☐ | 500000.00 | 501888.89 | 225542414.42 | 434.4750 | A | 0.1 |

y = 8.6568E-004 * x + 9.8288E-004
R = 0.9999
DL = 0.2012
BEC = 1.135

Weight: <None>
Min Conc: 0

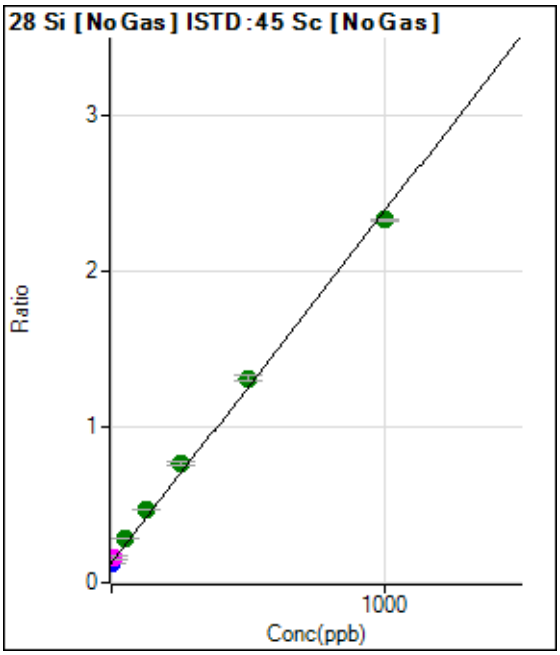



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 151.12 | 0.0003 | P | 13.4 |
| 2 | ☐ | 20.000 | 19.892 | 6434.73 | 0.0108 | P | 2.6 |
| 3 | ☐ | 1000.000 | 971.777 | 305255.07 | 0.5132 | P | 0.8 |
| 4 | ☐ | 2500.000 | 2457.738 | 746262.79 | 1.2974 | P | 1.2 |
| 5 | ☐ | 5000.000 | 4804.346 | 1272026.55 | 2.5360 | A | 0.9 |
| 6 | ☐ | 10000.000 | 9691.032 | 2475598.02 | 5.1152 | A | 0.7 |
| 7 | ☐ | 20000.000 | 19212.774 | 4943020.69 | 10.1407 | A | 1.0 |
| 8 | ☐ | 100000.00 | 100199.46 | 27453679.31 | 52.8853 | A | 0.6 |

y = 5.2780E-004 * x + 2.5514E-004
R = 1.0000
DL = 0.1943
BEC = 0.4834

Weight: <None>
Min Conc: 0

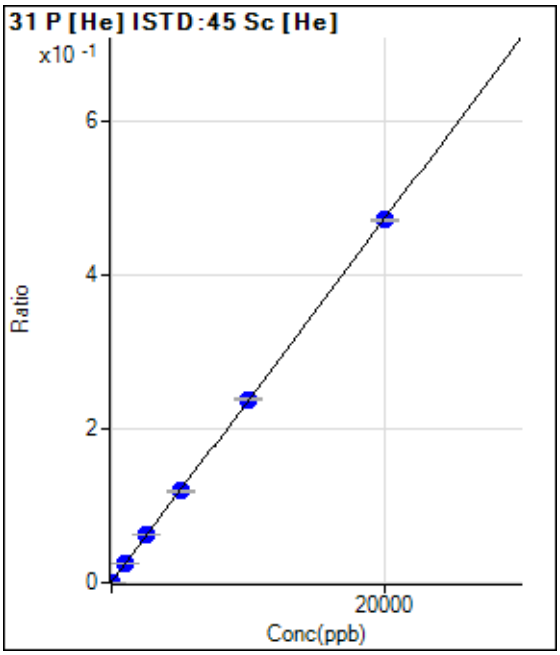
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 850085.00 | 0.1280 | P | 0.8 |
| 2 | ☐ | 10.000 | 14.916 | 1063374.44 | 0.1616 | M | 15.2 |
| 3 | ☐ | 50.000 | 71.146 | 1922438.81 | 0.2882 | A | 0.9 |
| 4 | ☐ | 125.000 | 151.579 | 3097499.08 | 0.4694 | A | 0.4 |
| 5 | ☐ | 250.000 | 280.694 | 4760621.56 | 0.7602 | A | 3.3 |
| 6 | ☐ | 500.000 | 525.120 | 7304793.78 | 1.3108 | A | 2.7 |
| 7 | ☐ | 1000.000 | 975.338 | 13142040.91 | 2.3249 | A | 0.5 |
| 8 | ☐ | | | 754768.23 | 0.1293 | P | 4.4 |

y = 0.0023 * x + 0.1280
R = 0.9989
DL = 1.316
BEC = 56.82

Weight: <None>
Min Conc: 0

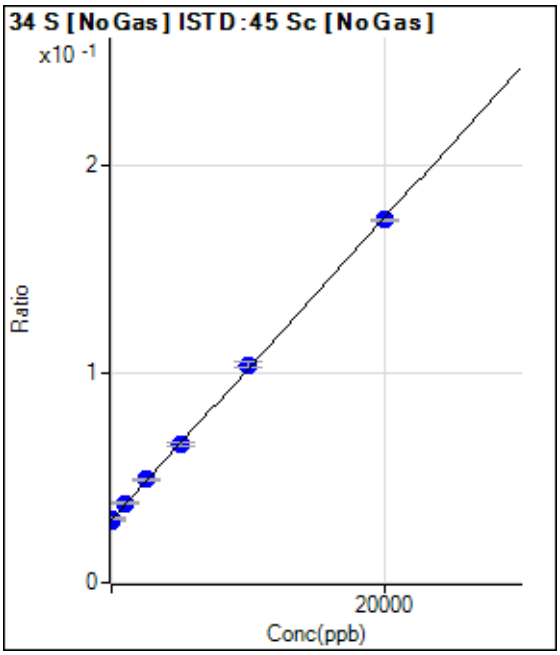



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -15.688 | 177.78 | 0.0003 | P | 9.1 |
| 2 | ☐ | 0.000 | 15.688 | 623.35 | 0.0010 | P | 11.3 |
| 3 | ☐ | 1000.000 | 1031.310 | 14901.80 | 0.0251 | P | 1.2 |
| 4 | ☐ | 2500.000 | 2622.293 | 36043.40 | 0.0627 | P | 0.4 |
| 5 | ☐ | 5000.000 | 5009.190 | 59732.46 | 0.1191 | P | 0.9 |
| 6 | ☐ | 10000.000 | 10056.228 | 115377.06 | 0.2384 | P | 0.7 |
| 7 | ☐ | 20000.000 | 19952.736 | 230239.19 | 0.4723 | P | 0.7 |
| 8 | ☐ | | | 252.22 | 0.0005 | P | 15.7 |

y = 2.3639E-005 * x + 6.7098E-004
R = 1.0000
DL = 9.185
BEC = 28.38

Weight: <None>
Min Conc: 0

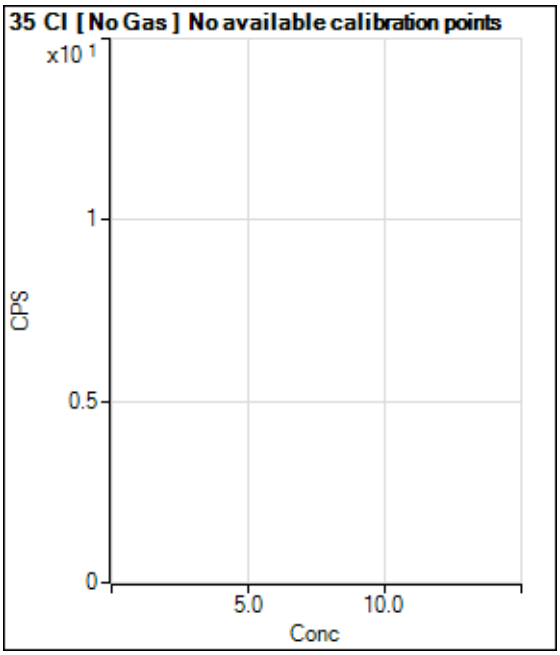
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -77.910 | 196606.49 | 0.0296 | P | 0.6 |
| 2 | ☐ | 0.000 | 77.910 | 202372.66 | 0.0307 | P | 2.5 |
| 3 | ☐ | 1000.000 | 1090.931 | 253700.38 | 0.0380 | P | 0.9 |
| 4 | ☐ | 2500.000 | 2643.072 | 324925.97 | 0.0492 | P | 0.4 |
| 5 | ☐ | 5000.000 | 4971.865 | 413639.16 | 0.0661 | P | 2.9 |
| 6 | ☐ | 10000.000 | 10257.775 | 580680.73 | 0.1042 | P | 3.2 |
| 7 | ☐ | 20000.000 | 19855.716 | 980722.64 | 0.1735 | P | 0.2 |
| 8 | ☐ | | | 157410.28 | 0.0270 | P | 5.2 |

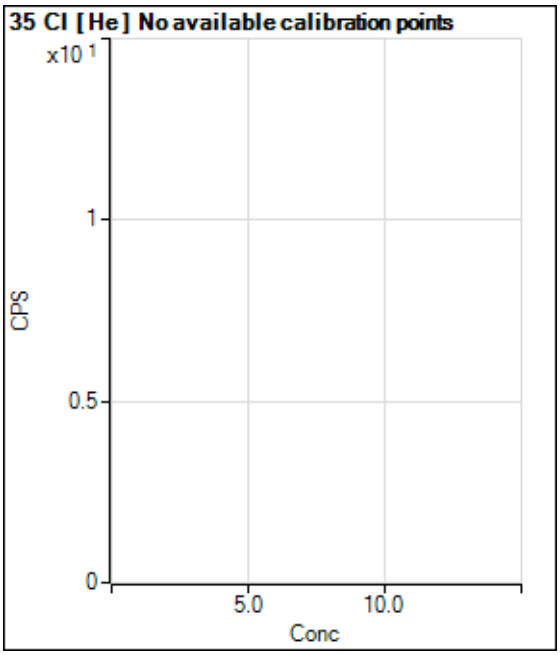
y = 7.2186E-006 * x + 0.0302
R = 0.9998
DL = 196.2
BEC = 4178

Weight: <None>
Min Conc: 0

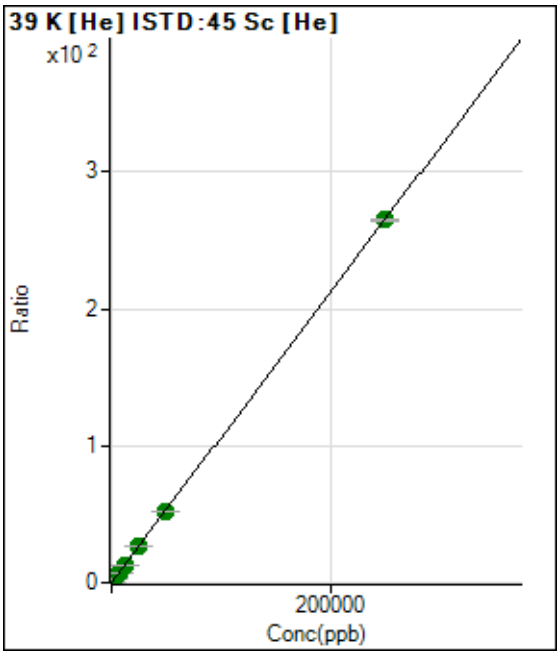



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |

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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |

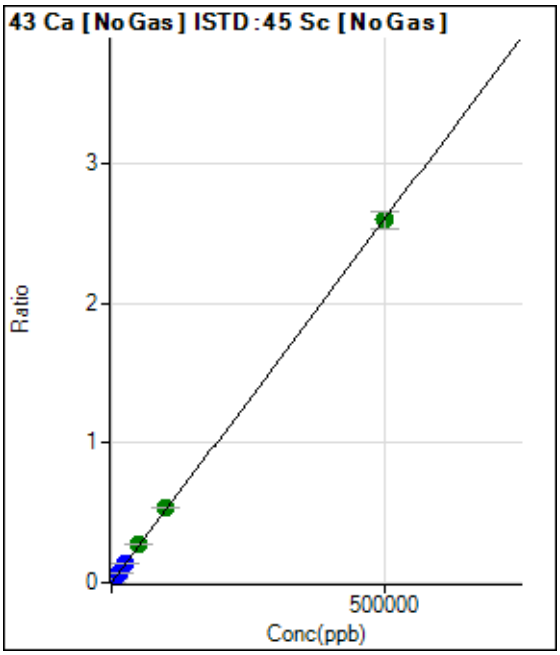



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 51499.00 | 0.0870 | P | 0.7 |
| 2 | ☐ | 500.000 | 550.087 | 400419.98 | 0.6692 | P | 0.1 |
| 3 | ☐ | 2500.000 | 2518.457 | 1637320.50 | 2.7525 | A | 2.0 |
| 4 | ☐ | 6250.000 | 6304.056 | 3887990.74 | 6.7593 | A | 0.7 |
| 5 | ☐ | 12500.000 | 12150.258 | 6494166.85 | 12.9470 | A | 0.8 |
| 6 | ☐ | 25000.000 | 24577.965 | 12632125.64 | 26.1007 | A | 0.4 |
| 7 | ☐ | 50000.000 | 48986.099 | 25315818.79 | 51.9346 | A | 0.6 |
| 8 | ☐ | 250000.00 | 250260.83 | 137548343.51 | 264.9669 | A | 0.3 |

y = 0.0011 * x + 0.0870
R = 1.0000
DL = 1.604
BEC = 82.15

Weight: <None>
Min Conc: 0

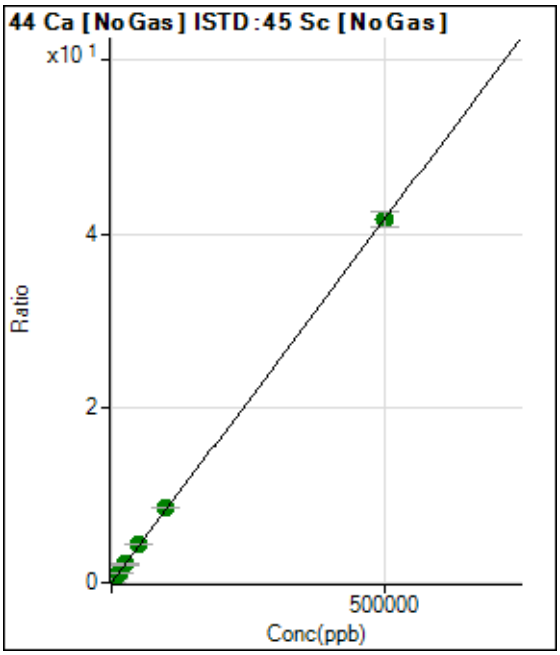
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 314.45 | 0.0000 | P | 13.1 |
| 2 | ☐ | 500.000 | 587.545 | 20450.52 | 0.0031 | P | 2.1 |
| 3 | ☐ | 5000.000 | 5443.947 | 189259.65 | 0.0284 | P | 0.2 |
| 4 | ☐ | 12500.000 | 13678.357 | 469954.87 | 0.0712 | P | 1.3 |
| 5 | ☐ | 25000.000 | 26526.710 | 864768.21 | 0.1381 | P | 2.4 |
| 6 | ☐ | 50000.000 | 52825.661 | 1532080.20 | 0.2749 | A | 2.8 |
| 7 | ☐ | 100000.00 | 102459.83 | 3014058.12 | 0.5332 | A | 0.6 |
| 8 | ☐ | 500000.00 | 499115.14 | 15152756.58 | 2.5972 | A | 5.0 |

y = 5.2034E-006 * x + 4.7351E-005
R = 1.0000
DL = 3.58
BEC = 9.1

Weight: <None>
Min Conc: 0

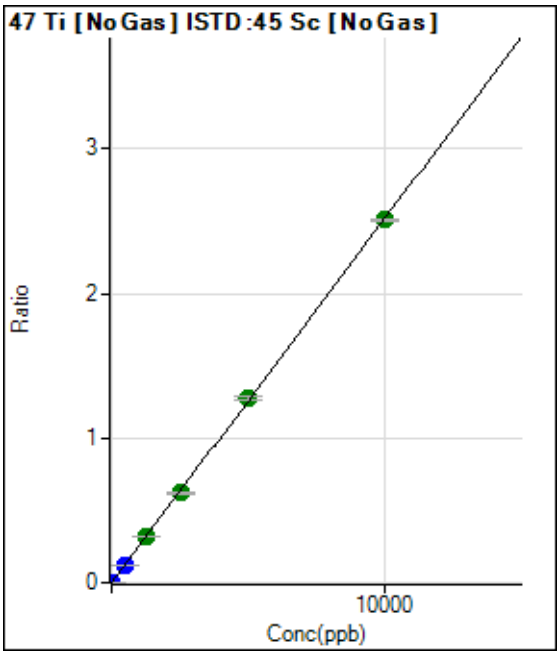



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 11684.60 | 0.0018 | P | 0.7 |
| 2 | ☐ | 500.000 | 586.291 | 333470.32 | 0.0506 | P | 1.2 |
| 3 | ☐ | 5000.000 | 5125.377 | 2860913.29 | 0.4289 | A | 0.8 |
| 4 | ☐ | 12500.000 | 12950.889 | 7134322.25 | 1.0811 | A | 0.1 |
| 5 | ☐ | 25000.000 | 25223.599 | 13178846.05 | 2.1040 | A | 1.9 |
| 6 | ☐ | 50000.000 | 52529.936 | 24407824.36 | 4.3798 | A | 2.7 |
| 7 | ☐ | 100000.00 | 102348.60 | 48229505.39 | 8.5319 | A | 0.5 |
| 8 | ☐ | 500000.00 | 499253.49 | 242823911.94 | 41.6114 | A | 4.4 |

y = 8.3344E-005 * x + 0.0018
R = 1.0000
DL = 0.4546
BEC = 21.11

Weight: <None>
Min Conc: 0

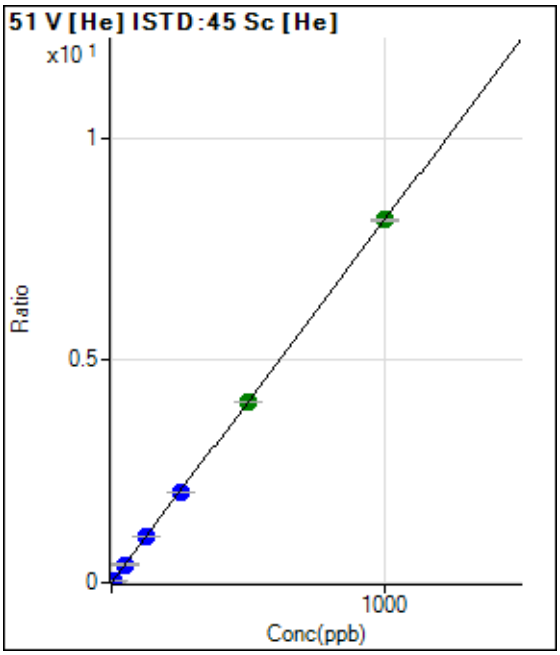
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 100.00 | 0.0000 | P | 11.6 |
| 2 | ☐ | 5.000 | 5.388 | 9024.99 | 0.0014 | P | 2.4 |
| 3 | ☐ | 500.000 | 501.054 | 840285.09 | 0.1260 | P | 0.3 |
| 4 | ☐ | 1250.000 | 1262.737 | 2094847.38 | 0.3175 | A | 0.9 |
| 5 | ☐ | 2500.000 | 2470.623 | 3889649.60 | 0.6211 | A | 2.8 |
| 6 | ☐ | 5000.000 | 5063.171 | 7094422.74 | 1.2729 | A | 2.2 |
| 7 | ☐ | 10000.000 | 9974.114 | 14174578.54 | 2.5075 | A | 0.4 |
| 8 | ☐ | | | 4023.92 | 0.0007 | P | 17.4 |

y = 2.5140E-004 * x + 1.5055E-005
R = 1.0000
DL = 0.02078
BEC = 0.05989

Weight: <None>
Min Conc: 0

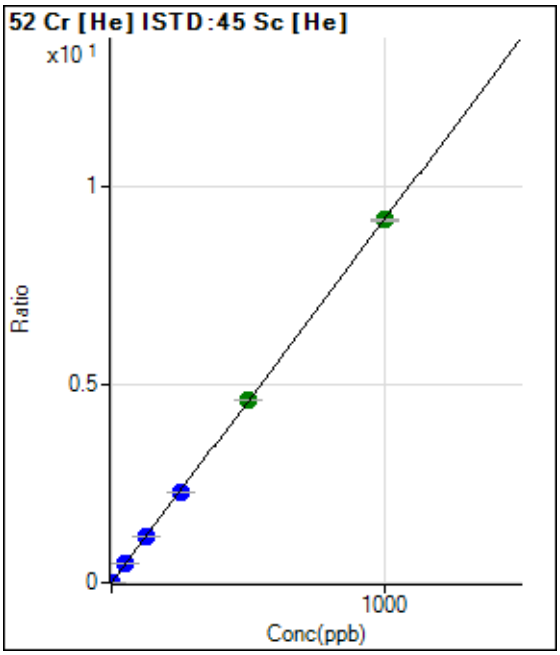



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 11.11 | 0.0000 | P | 45.5 |
| 2 | ☐ | 5.000 | 5.431 | 26491.02 | 0.0443 | P | 0.3 |
| 3 | ☐ | 50.000 | 50.298 | 243796.96 | 0.4098 | P | 0.7 |
| 4 | ☐ | 125.000 | 127.486 | 597494.36 | 1.0388 | P | 1.0 |
| 5 | ☐ | 250.000 | 248.044 | 1013816.15 | 2.0211 | P | 0.2 |
| 6 | ☐ | 500.000 | 498.830 | 1967070.04 | 4.0644 | A | 0.6 |
| 7 | ☐ | 1000.000 | 1000.746 | 3974628.41 | 8.1540 | A | 0.7 |
| 8 | ☐ | | | 904.48 | 0.0017 | P | 4.9 |

y = 0.0081 * x + 1.8744E-005
R = 1.0000
DL = 0.003143
BEC = 0.0023

Weight: <None>
Min Conc: 0

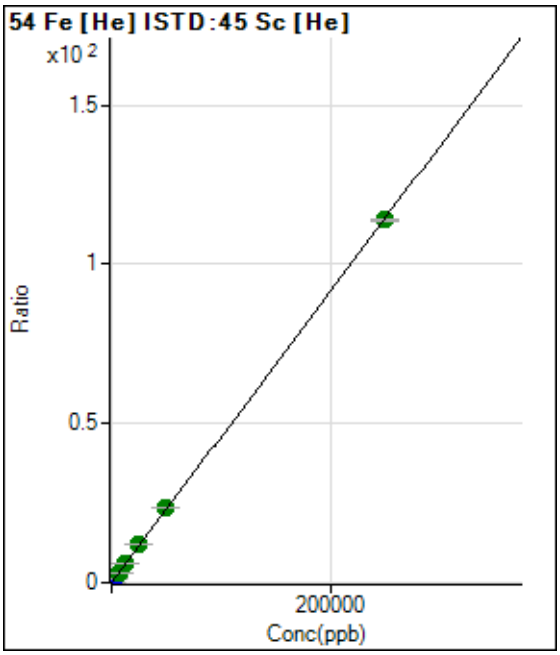
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1567.87 | 0.0026 | P | 1.9 |
| 2 | ☐ | 2.000 | 2.192 | 13612.89 | 0.0227 | P | 1.9 |
| 3 | ☐ | 50.000 | 50.715 | 278220.19 | 0.4677 | P | 1.3 |
| 4 | ☐ | 125.000 | 128.183 | 677647.26 | 1.1781 | P | 0.7 |
| 5 | ☐ | 250.000 | 249.059 | 1146964.14 | 2.2866 | P | 0.3 |
| 6 | ☐ | 500.000 | 501.646 | 2227665.99 | 4.6028 | A | 0.1 |
| 7 | ☐ | 1000.000 | 998.978 | 4466704.21 | 9.1634 | A | 0.5 |
| 8 | ☐ | | | 7403.18 | 0.0143 | P | 2.6 |

y = 0.0092 * x + 0.0026
R = 1.0000
DL = 0.01602
BEC = 0.2887

Weight: <None>
Min Conc: 0

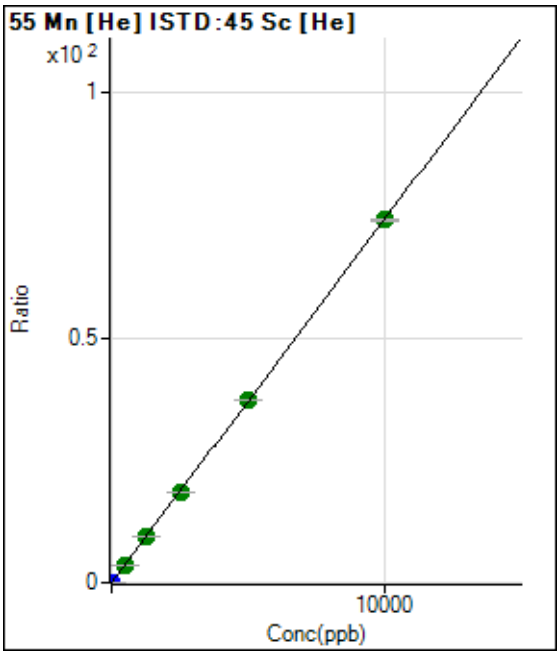



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2503.57 | 0.0042 | P | 2.7 |
| 2 | ☐ | 50.000 | 60.076 | 18954.26 | 0.0317 | P | 1.1 |
| 3 | ☐ | 2500.000 | 2691.404 | 733985.63 | 1.2339 | P | 0.8 |
| 4 | ☐ | 6250.000 | 6647.884 | 1749468.41 | 3.0415 | A | 1.2 |
| 5 | ☐ | 12500.000 | 13027.820 | 2987924.44 | 5.9564 | A | 0.6 |
| 6 | ☐ | 25000.000 | 26133.002 | 5780691.58 | 11.9440 | A | 0.8 |
| 7 | ☐ | 50000.000 | 51748.608 | 11526849.41 | 23.6473 | A | 0.5 |
| 8 | ☐ | 250000.00 | 249498.72 | 59176762.45 | 113.9961 | A | 0.6 |

y = 4.5688E-004 * x + 0.0042
R = 1.0000
DL = 0.7513
BEC = 9.253

Weight: <None>
Min Conc: 0

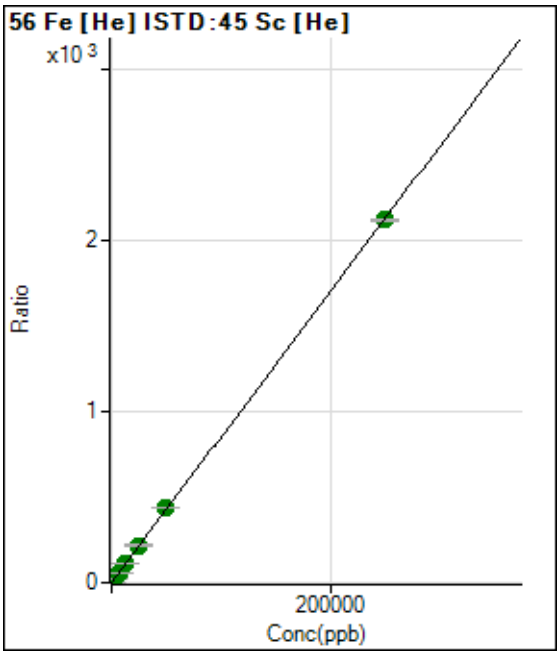
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 262.23 | 0.0004 | P | 9.6 |
| 2 | ☐ | 1.000 | 1.105 | 5166.49 | 0.0086 | P | 4.1 |
| 3 | ☐ | 500.000 | 497.267 | 2193194.03 | 3.6869 | A | 0.6 |
| 4 | ☐ | 1250.000 | 1259.459 | 5370900.75 | 9.3373 | A | 0.8 |
| 5 | ☐ | 2500.000 | 2497.757 | 9288500.77 | 18.5174 | A | 0.5 |
| 6 | ☐ | 5000.000 | 5028.939 | 18043984.04 | 37.2821 | A | 0.5 |
| 7 | ☐ | 10000.000 | 9985.046 | 36083213.90 | 74.0238 | A | 0.7 |
| 8 | ☐ | | | 17960.17 | 0.0346 | P | 9.5 |

y = 0.0074 * x + 4.4277E-004
R = 1.0000
DL = 0.01718
BEC = 0.05972

Weight: <None>
Min Conc: 0

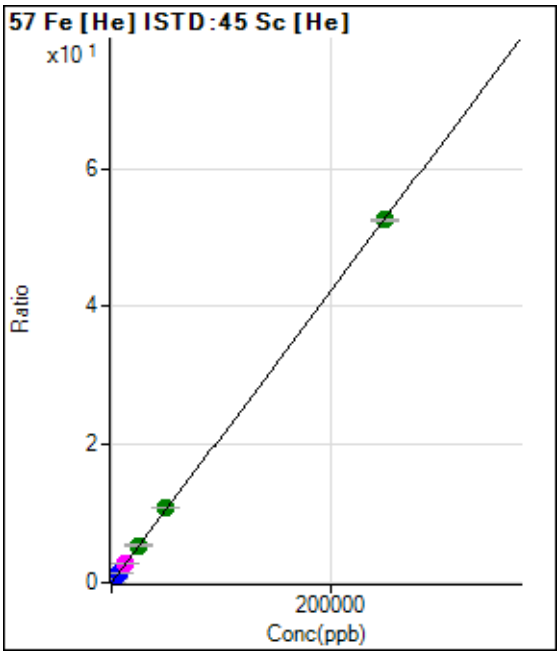



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 20023.41 | 0.0338 | P | 0.9 |
| 2 | ☐ | 50.000 | 56.467 | 307187.22 | 0.5134 | P | 0.5 |
| 3 | ☐ | 2500.000 | 2557.956 | 12942913.00 | 21.7579 | A | 0.7 |
| 4 | ☐ | 6250.000 | 6498.422 | 31765592.86 | 55.2234 | A | 1.1 |
| 5 | ☐ | 12500.000 | 12779.640 | 54460526.97 | 108.5684 | A | 0.6 |
| 6 | ☐ | 25000.000 | 25770.815 | 105943836.20 | 218.8995 | A | 0.6 |
| 7 | ☐ | 50000.000 | 51346.411 | 212583070.17 | 436.1072 | A | 0.7 |
| 8 | ☐ | 250000.00 | 249632.86 | 1100580036.9 | 2,120.109 | A | 0.2 |

y = 0.0085 * x + 0.0338
R = 1.0000
DL = 0.1113
BEC = 3.981

Weight: <None>
Min Conc: 0

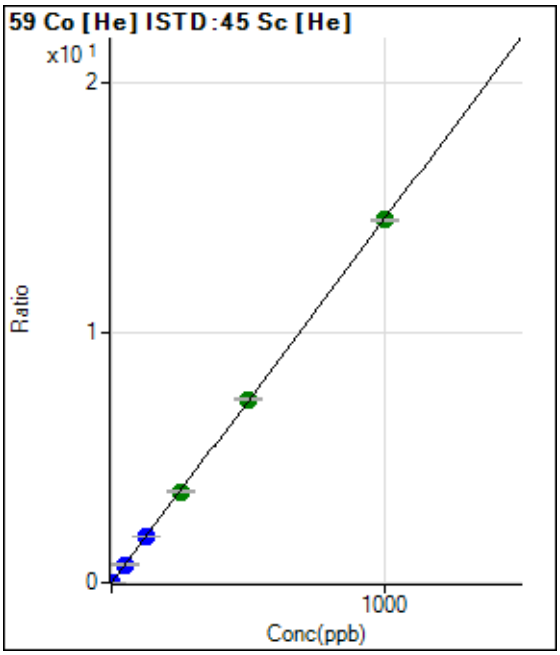
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 916.71 | 0.0015 | P | 5.2 |
| 2 | ☐ | 50.000 | 58.166 | 8252.32 | 0.0138 | P | 2.3 |
| 3 | ☐ | 2500.000 | 2632.356 | 330526.62 | 0.5556 | P | 0.5 |
| 4 | ☐ | 6250.000 | 6643.138 | 805198.64 | 1.3999 | P | 1.1 |
| 5 | ☐ | 12500.000 | 13011.322 | 1374445.87 | 2.7403 | M | 1.7 |
| 6 | ☐ | 25000.000 | 25791.527 | 2628201.58 | 5.4305 | A | 1.3 |
| 7 | ☐ | 50000.000 | 51152.350 | 5249196.13 | 10.7687 | A | 0.5 |
| 8 | ☐ | 250000.00 | 249653.65 | 27280362.09 | 52.5516 | A | 0.7 |

y = 2.1049E-004 * x + 0.0015
R = 1.0000
DL = 1.14
BEC = 7.353

Weight: <None>
Min Conc: 0

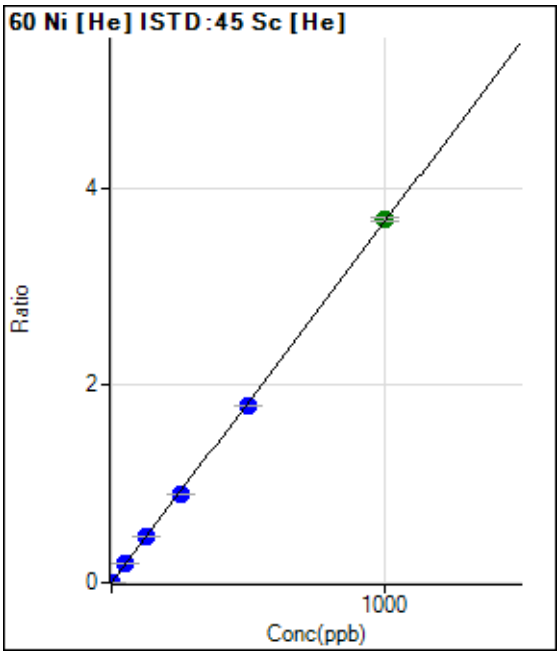



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 112.22 | 0.0002 | P | 12.5 |
| 2 | ☐ | 1.000 | 1.138 | 10032.31 | 0.0168 | P | 1.0 |
| 3 | ☐ | 50.000 | 50.218 | 435327.46 | 0.7318 | P | 0.6 |
| 4 | ☐ | 125.000 | 126.742 | 1062210.56 | 1.8467 | P | 0.9 |
| 5 | ☐ | 250.000 | 250.994 | 1834407.14 | 3.6569 | A | 0.9 |
| 6 | ☐ | 500.000 | 503.762 | 3552153.70 | 7.3394 | A | 0.6 |
| 7 | ☐ | 1000.000 | 997.641 | 7084861.84 | 14.5347 | A | 0.6 |
| 8 | ☐ | | | 18961.01 | 0.0365 | P | 1.8 |

y = 0.0146 * x + 1.8955E-004
R = 1.0000
DL = 0.004884
BEC = 0.01301

Weight: <None>
Min Conc: 0

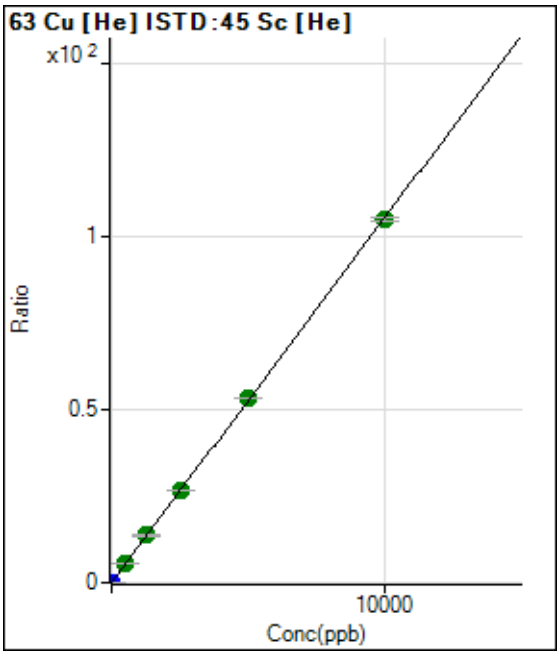
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 398.90 | 0.0007 | P | 7.5 |
| 2 | ☐ | 1.000 | 1.087 | 2782.51 | 0.0046 | P | 6.6 |
| 3 | ☐ | 50.000 | 50.954 | 111266.28 | 0.1870 | P | 0.8 |
| 4 | ☐ | 125.000 | 128.045 | 269780.06 | 0.4690 | P | 0.7 |
| 5 | ☐ | 250.000 | 246.718 | 453002.69 | 0.9031 | P | 0.4 |
| 6 | ☐ | 500.000 | 489.451 | 866767.63 | 1.7909 | P | 0.3 |
| 7 | ☐ | 1000.000 | 1005.667 | 1793400.28 | 3.6791 | A | 1.2 |
| 8 | ☐ | | | 6426.99 | 0.0124 | P | 2.7 |

y = 0.0037 * x + 6.7336E-004
R = 0.9999
DL = 0.04162
BEC = 0.1841

Weight: <None>
Min Conc: 0

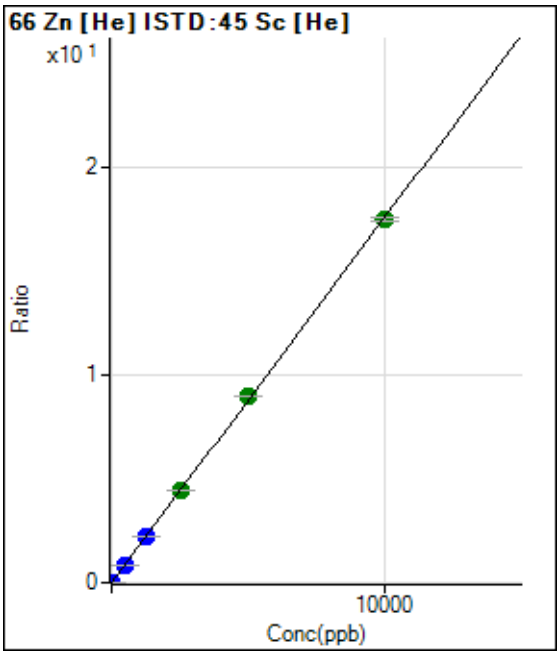



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 733.36 | 0.0012 | P | 1.6 |
| 2 | ☐ | 2.000 | 2.075 | 13805.34 | 0.0231 | P | 1.4 |
| 3 | ☐ | 500.000 | 522.393 | 3270862.21 | 5.4986 | A | 1.1 |
| 4 | ☐ | 1250.000 | 1300.955 | 7874730.16 | 13.6918 | A | 2.0 |
| 5 | ☐ | 2500.000 | 2534.439 | 13379105.36 | 26.6723 | A | 0.7 |
| 6 | ☐ | 5000.000 | 5065.681 | 25800506.28 | 53.3097 | A | 0.6 |
| 7 | ☐ | 10000.000 | 9951.061 | 51045819.79 | 104.7207 | A | 0.9 |
| 8 | ☐ | | | 10493.76 | 0.0202 | P | 6.7 |

y = 0.0105 * x + 0.0012
R = 1.0000
DL = 0.005674
BEC = 0.1177

Weight: <None>
Min Conc: 0

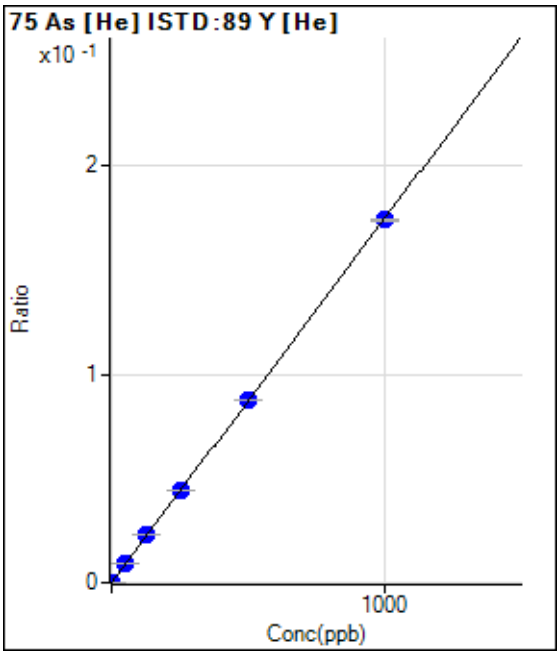
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 245.56 | 0.0004 | P | 10.7 |
| 2 | ☐ | 5.000 | 5.403 | 5920.12 | 0.0099 | P | 3.1 |
| 3 | ☐ | 500.000 | 494.481 | 516305.88 | 0.8680 | P | 1.1 |
| 4 | ☐ | 1250.000 | 1252.271 | 1263976.50 | 2.1975 | P | 0.8 |
| 5 | ☐ | 2500.000 | 2538.916 | 2234460.90 | 4.4548 | A | 1.1 |
| 6 | ☐ | 5000.000 | 5100.369 | 4331003.72 | 8.9488 | A | 0.2 |
| 7 | ☐ | 10000.000 | 9940.078 | 8501006.68 | 17.4398 | A | 1.1 |
| 8 | ☐ | | | 6474.79 | 0.0125 | P | 1.4 |

y = 0.0018 * x + 4.1474E-004
R = 0.9999
DL = 0.07555
BEC = 0.2364

Weight: <None>
Min Conc: 0

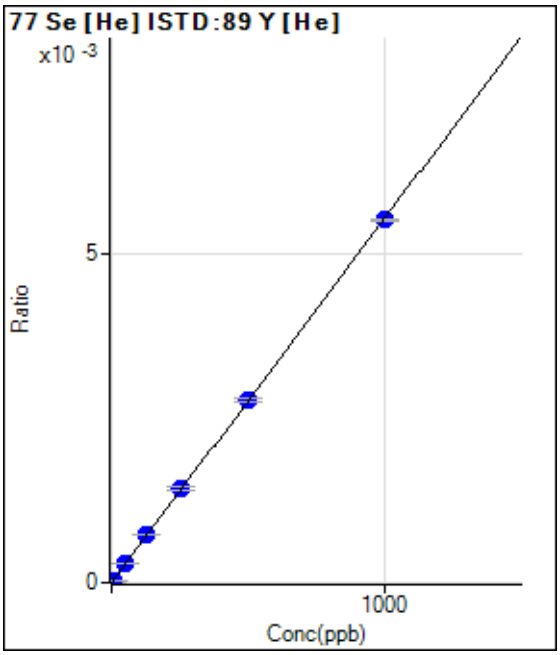



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 11.11 | 0.0000 | P | 92.2 |
| 2 | ☐ | 1.000 | 1.134 | 771.14 | 0.0002 | P | 6.3 |
| 3 | ☐ | 50.000 | 53.752 | 35423.32 | 0.0094 | P | 0.6 |
| 4 | ☐ | 125.000 | 133.814 | 86966.01 | 0.0234 | P | 0.5 |
| 5 | ☐ | 250.000 | 254.727 | 148978.87 | 0.0445 | P | 0.5 |
| 6 | ☐ | 500.000 | 501.218 | 288340.05 | 0.0875 | P | 0.5 |
| 7 | ☐ | 1000.000 | 996.920 | 573343.30 | 0.1741 | P | 0.3 |
| 8 | ☐ | | | 357.79 | 0.0001 | P | 9.1 |

y = 1.7464E-004 * x + 2.9089E-006
R = 1.0000
DL = 0.04605
BEC = 0.01666

Weight: <None>
Min Conc: 0

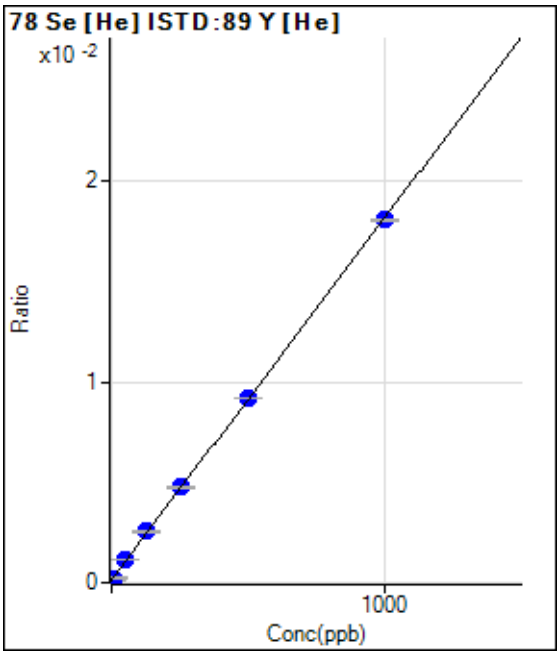
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0000 | P | 173. |
| 2 | ☐ | 5.000 | 6.137 | 133.34 | 0.0000 | P | 7.5 |
| 3 | ☐ | 50.000 | 53.167 | 1110.05 | 0.0003 | P | 6.8 |
| 4 | ☐ | 125.000 | 130.751 | 2689.16 | 0.0007 | P | 1.0 |
| 5 | ☐ | 250.000 | 258.154 | 4774.15 | 0.0014 | P | 3.1 |
| 6 | ☐ | 500.000 | 500.892 | 9110.64 | 0.0028 | P | 2.0 |
| 7 | ☐ | 1000.000 | 996.633 | 18120.05 | 0.0055 | P | 0.7 |
| 8 | ☐ | | | 2.22 | 0.0000 | P | 86.6 |

y = 5.5204E-006 * x + 8.6202E-007
R = 1.0000
DL = 0.8114
BEC = 0.1562

Weight: <None>
Min Conc: 0

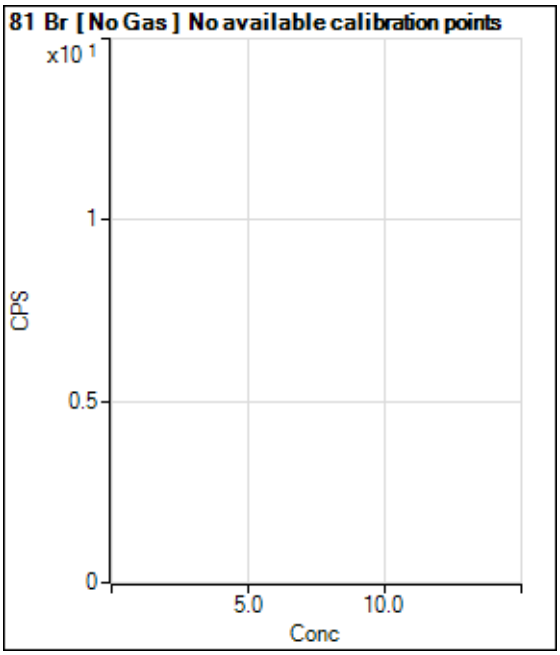



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 527.79 | 0.0001 | P | 17.4 |
| 2 | ☐ | 5.000 | 5.028 | 877.81 | 0.0002 | P | 10.6 |
| 3 | ☐ | 50.000 | 54.345 | 4217.30 | 0.0011 | P | 2.6 |
| 4 | ☐ | 125.000 | 134.794 | 9556.51 | 0.0026 | P | 3.1 |
| 5 | ☐ | 250.000 | 256.046 | 15925.32 | 0.0048 | P | 1.8 |
| 6 | ☐ | 500.000 | 504.263 | 30406.78 | 0.0092 | P | 0.2 |
| 7 | ☐ | 1000.000 | 994.916 | 59534.62 | 0.0181 | P | 0.3 |
| 8 | ☐ | | | 393.34 | 0.0001 | P | 3.4 |

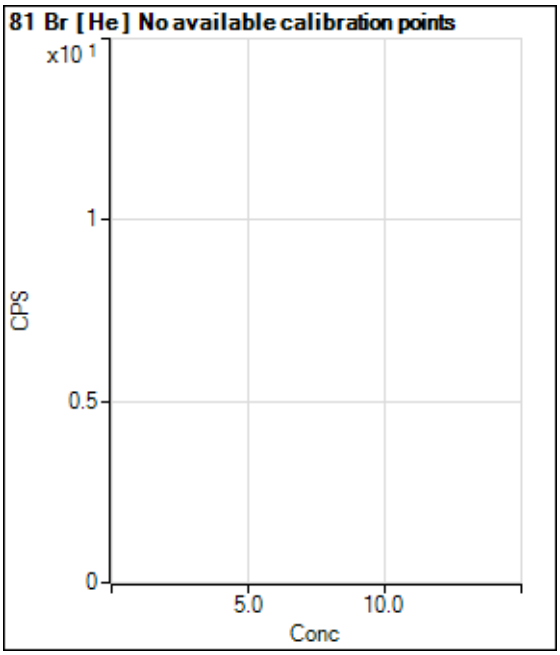
y = 1.8033E-005 * x + 1.3803E-004
R = 0.9999
DL = 4.003
BEC = 7.654

Weight: <None>
Min Conc: 0

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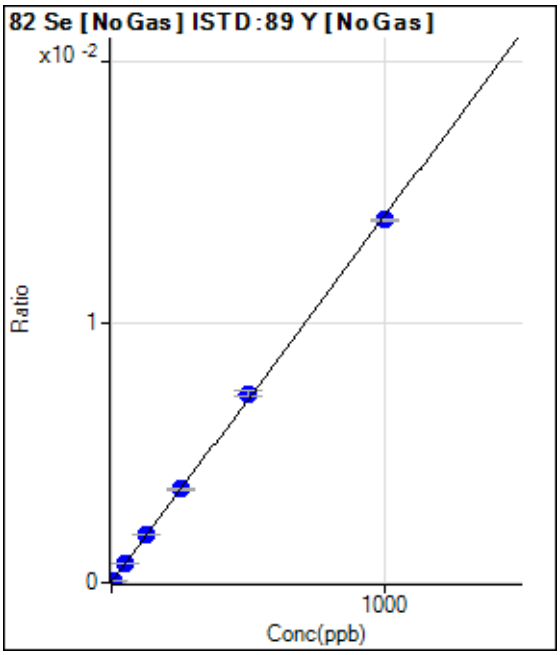



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 15671.74 | | P | 1.2 |
| 2 | ☐ | | | 15380.34 | | P | 2.8 |
| 3 | ☐ | | | 15245.75 | | P | 2.6 |
| 4 | ☐ | | | 15280.22 | | P | 0.7 |
| 5 | ☐ | | | 13510.72 | | P | 2.0 |
| 6 | ☐ | | | 11581.28 | | P | 1.9 |
| 7 | ☐ | | | 11748.10 | | P | 1.5 |
| 8 | ☐ | | | 12931.30 | | P | 2.6 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 183.34 | | P | 10.9 |
| 2 | ☐ | | | 177.78 | | P | 7.6 |
| 3 | ☐ | | | 177.78 | | P | 6.6 |
| 4 | ☐ | | | 162.22 | | P | 6.6 |
| 5 | ☐ | | | 126.67 | | P | 16.0 |
| 6 | ☐ | | | 120.00 | | P | 12.1 |
| 7 | ☐ | | | 91.11 | | P | 26.0 |
| 8 | ☐ | | | 152.22 | | P | 13.9 |

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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 182.27 | 0.0000 | P | 7.5 |
| 2 | ☐ | 5.000 | 5.558 | 1266.46 | 0.0001 | P | 2.6 |
| 3 | ☐ | 50.000 | 52.248 | 10443.85 | 0.0007 | P | 1.4 |
| 4 | ☐ | 125.000 | 131.768 | 25953.74 | 0.0019 | P | 0.9 |
| 5 | ☐ | 250.000 | 254.426 | 47552.65 | 0.0036 | P | 2.6 |
| 6 | ☐ | 500.000 | 516.089 | 87623.98 | 0.0073 | P | 3.3 |
| 7 | ☐ | 1000.000 | 989.888 | 171104.76 | 0.0139 | P | 0.4 |
| 8 | ☐ | | | 329.06 | 0.0000 | P | 4.8 |

y = 1.4064E-005 * x + 1.3125E-005

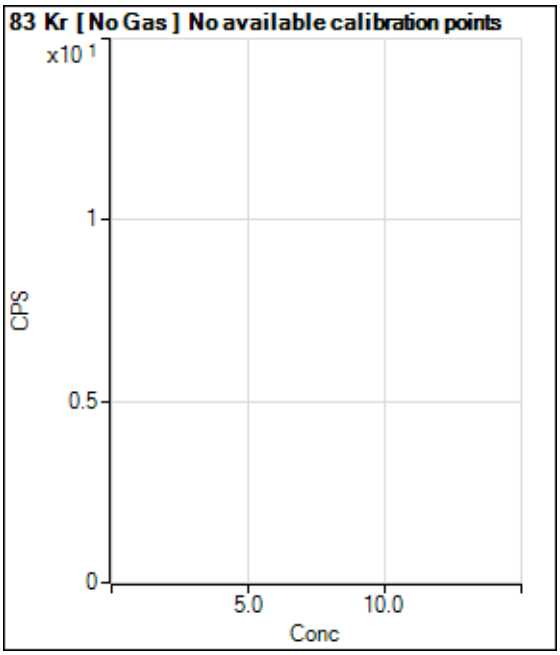
R = 0.9998

DL = 0.2095

BEC = 0.9332

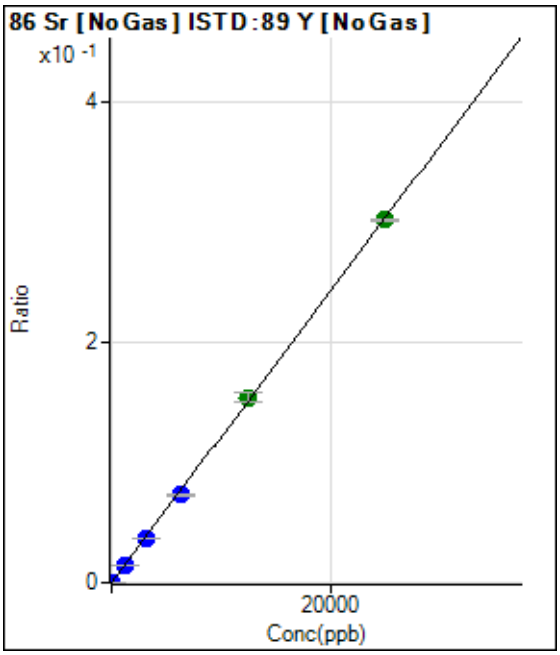
Weight: <None>

Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 258.89 | | P | 12.7 |
| 2 | ☐ | | | 223.34 | | P | 14.2 |
| 3 | ☐ | | | 226.67 | | P | 1.5 |
| 4 | ☐ | | | 235.56 | | P | 14.2 |
| 5 | ☐ | | | 207.78 | | P | 14.6 |
| 6 | ☐ | | | 207.78 | | P | 25.0 |
| 7 | ☐ | | | 212.23 | | P | 4.8 |
| 8 | ☐ | | | 235.56 | | P | 10.6 |

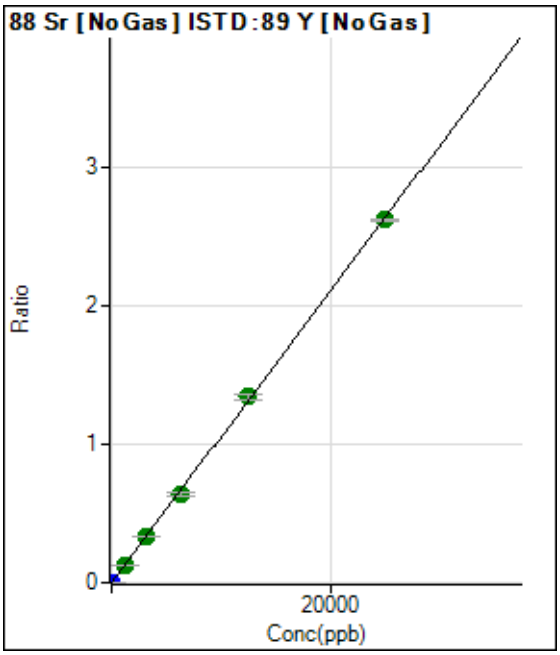
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 464.46 | 0.0000 | P | 15.8 |
| 2 | ☐ | 1.000 | 25.848 | 4801.93 | 0.0003 | P | 3.1 |
| 3 | ☐ | 1250.000 | 1233.482 | 208867.66 | 0.0150 | P | 0.5 |
| 4 | ☐ | 3125.000 | 3091.355 | 520635.86 | 0.0374 | P | 0.2 |
| 5 | ☐ | 6250.000 | 6014.990 | 964042.26 | 0.0728 | P | 2.9 |
| 6 | ☐ | 12500.000 | 12749.833 | 1859013.60 | 0.1543 | A | 4.4 |
| 7 | ☐ | 25000.000 | 24938.866 | 3705524.77 | 0.3018 | A | 0.6 |
| 8 | ☐ | | | 11343.33 | 0.0009 | P | 4.2 |

y = 1.2100E-005 * x + 3.3422E-005
R = 0.9999
DL = 1.313
BEC = 2.762

Weight: <None>
Min Conc: 0

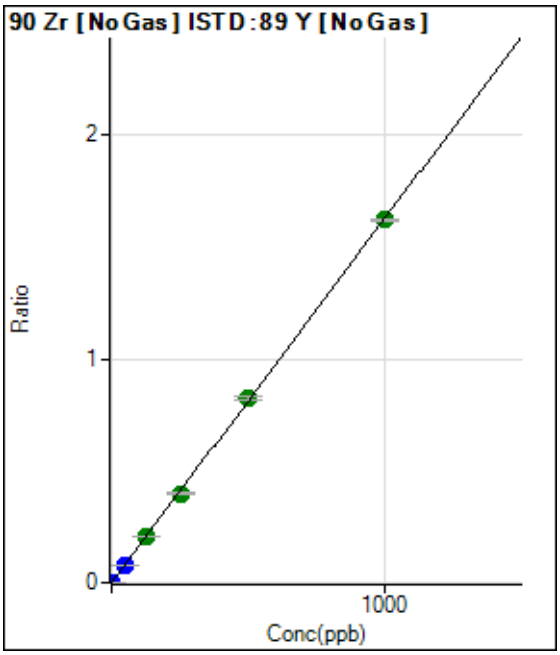



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 343.34 | 0.0000 | P | 8.5 |
| 2 | ☐ | 1.000 | 26.554 | 39094.08 | 0.0028 | P | 1.3 |
| 3 | ☐ | 1250.000 | 1240.705 | 1822756.57 | 0.1305 | A | 1.2 |
| 4 | ☐ | 3125.000 | 3162.427 | 4626550.49 | 0.3327 | A | 0.9 |
| 5 | ☐ | 6250.000 | 6073.357 | 8461102.93 | 0.6389 | A | 2.3 |
| 6 | ☐ | 12500.000 | 12751.911 | 16165625.73 | 1.3415 | A | 3.1 |
| 7 | ☐ | 25000.000 | 24913.991 | 32180308.69 | 2.6209 | A | 0.6 |
| 8 | ☐ | | | 97916.53 | 0.0080 | P | 1.5 |

y = 1.0520E-004 * x + 2.4720E-005
R = 0.9999
DL = 0.06011
BEC = 0.235

Weight: <None>
Min Conc: 0

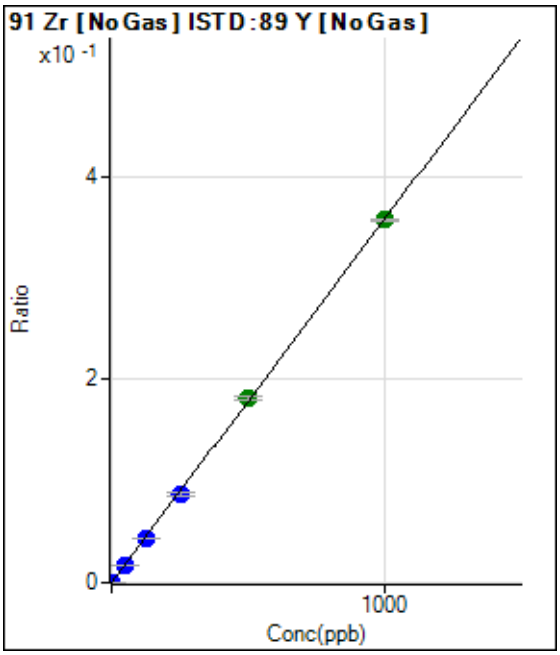
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 666.69 | 0.0000 | P | 12.4 |
| 2 | ☐ | 1.000 | 1.026 | 23802.67 | 0.0017 | P | 0.4 |
| 3 | ☐ | 50.000 | 48.778 | 1107548.40 | 0.0793 | P | 0.5 |
| 4 | ☐ | 125.000 | 125.182 | 2829620.93 | 0.2035 | A | 1.6 |
| 5 | ☐ | 250.000 | 245.408 | 5281868.04 | 0.3989 | A | 2.4 |
| 6 | ☐ | 500.000 | 508.006 | 9951248.81 | 0.8256 | A | 2.1 |
| 7 | ☐ | 1000.000 | 997.183 | 19898436.79 | 1.6206 | A | 0.7 |
| 8 | ☐ | | | 14686.33 | 0.0012 | P | 5.8 |

y = 0.0016 * x + 4.8023E-005
R = 0.9999
DL = 0.01096
BEC = 0.02955

Weight: <None>
Min Conc: 0

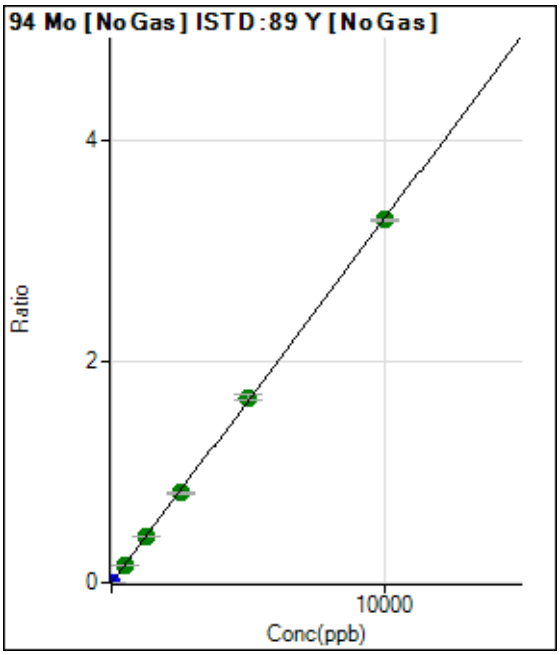



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 134.45 | 0.0000 | P | 28.3 |
| 2 | ☐ | 1.000 | 1.034 | 5259.88 | 0.0004 | P | 4.1 |
| 3 | ☐ | 50.000 | 49.431 | 246845.03 | 0.0177 | P | 1.3 |
| 4 | ☐ | 125.000 | 124.087 | 616951.41 | 0.0444 | P | 0.4 |
| 5 | ☐ | 250.000 | 242.998 | 1150076.40 | 0.0869 | P | 3.1 |
| 6 | ☐ | 500.000 | 506.851 | 2183925.63 | 0.1812 | A | 1.8 |
| 7 | ☐ | 1000.000 | 998.468 | 4382250.94 | 0.3569 | A | 0.9 |
| 8 | ☐ | | | 3252.61 | 0.0003 | P | 6.9 |

y = 3.5745E-004 * x + 9.6958E-006
R = 0.9999
DL = 0.02303
BEC = 0.02712

Weight: <None>
Min Conc: 0

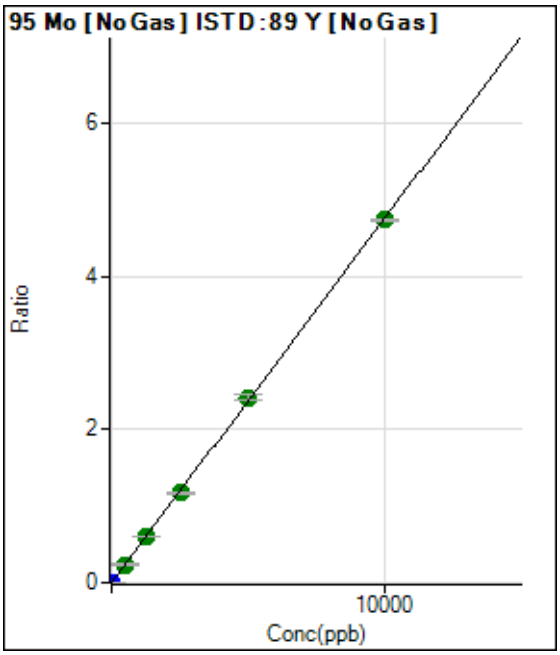
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 341.12 | 0.0000 | P | 3.8 |
| 2 | ☐ | 5.000 | 6.201 | 28619.10 | 0.0021 | P | 3.0 |
| 3 | ☐ | 500.000 | 499.152 | 2291813.37 | 0.1641 | A | 0.7 |
| 4 | ☐ | 1250.000 | 1258.738 | 5755325.47 | 0.4139 | A | 0.6 |
| 5 | ☐ | 2500.000 | 2459.207 | 10705659.91 | 0.8086 | A | 3.1 |
| 6 | ☐ | 5000.000 | 5086.625 | 20155013.87 | 1.6724 | A | 2.7 |
| 7 | ☐ | 10000.000 | 9965.835 | 40231511.90 | 3.2766 | A | 0.6 |
| 8 | ☐ | | | 15205.88 | 0.0012 | P | 13.0 |

y = 3.2878E-004 * x + 2.4559E-005
R = 0.9999
DL = 0.008426
BEC = 0.0747

Weight: <None>
Min Conc: 0

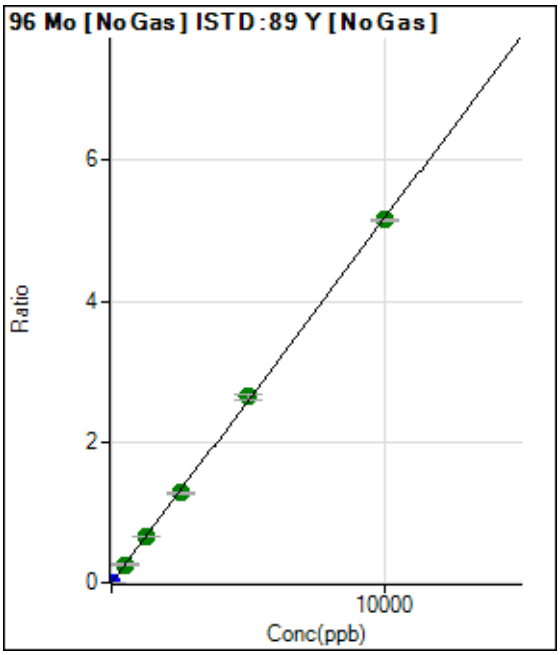



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 156.67 | 0.0000 | P | 3.3 |
| 2 | ☐ | 5.000 | 5.185 | 34360.28 | 0.0025 | P | 1.2 |
| 3 | ☐ | 500.000 | 499.077 | 3313653.67 | 0.2373 | A | 1.5 |
| 4 | ☐ | 1250.000 | 1254.380 | 8294689.25 | 0.5965 | A | 0.5 |
| 5 | ☐ | 2500.000 | 2467.886 | 15537025.74 | 1.1735 | A | 3.1 |
| 6 | ☐ | 5000.000 | 5083.154 | 29127958.46 | 2.4171 | A | 2.9 |
| 7 | ☐ | 10000.000 | 9965.950 | 58185831.91 | 4.7388 | A | 0.7 |
| 8 | ☐ | | | 16300.58 | 0.0013 | P | 18.7 |

y = 4.7550E-004 * x + 1.1277E-005
R = 0.9999
DL = 0.002336
BEC = 0.02372

Weight: <None>
Min Conc: 0

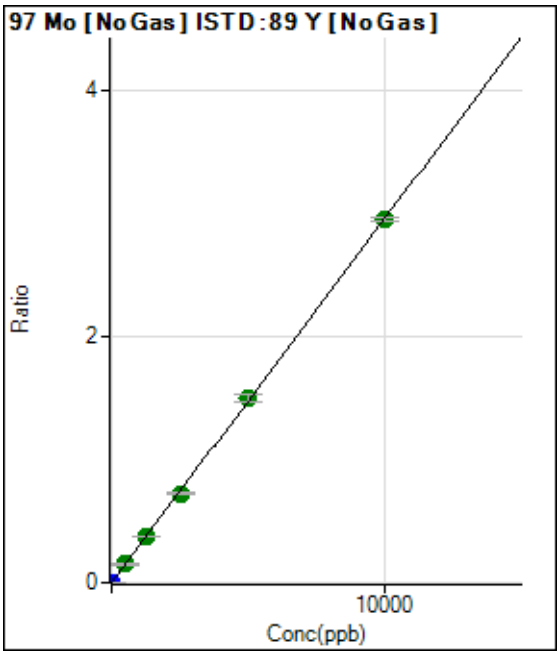
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 260.00 | 0.0000 | P | 8.3 |
| 2 | ☐ | 5.000 | 5.372 | 38840.33 | 0.0028 | P | 2.3 |
| 3 | ☐ | 500.000 | 499.862 | 3613911.37 | 0.2588 | A | 1.3 |
| 4 | ☐ | 1250.000 | 1264.473 | 9104699.17 | 0.6547 | A | 0.6 |
| 5 | ☐ | 2500.000 | 2468.137 | 16920377.80 | 1.2779 | A | 3.0 |
| 6 | ☐ | 5000.000 | 5094.899 | 31786878.14 | 2.6380 | A | 3.5 |
| 7 | ☐ | 10000.000 | 9958.714 | 63311186.84 | 5.1562 | A | 0.4 |
| 8 | ☐ | | | 28398.00 | 0.0023 | P | 11.6 |

y = 5.1776E-004 * x + 1.8709E-005
R = 0.9999
DL = 0.008997
BEC = 0.03613

Weight: <None>
Min Conc: 0

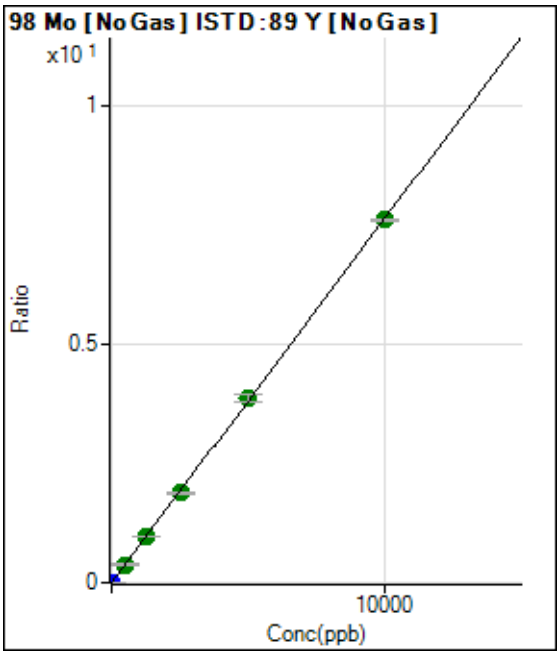



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 97.78 | 0.0000 | P | 10.8 |
| 2 | ☐ | 5.000 | 5.277 | 21708.40 | 0.0016 | P | 0.6 |
| 3 | ☐ | 500.000 | 502.604 | 2071773.96 | 0.1484 | A | 1.0 |
| 4 | ☐ | 1250.000 | 1254.935 | 5151704.85 | 0.3705 | A | 1.3 |
| 5 | ☐ | 2500.000 | 2448.491 | 9569060.14 | 0.7228 | A | 3.3 |
| 6 | ☐ | 5000.000 | 5073.847 | 18047362.51 | 1.4978 | A | 3.8 |
| 7 | ☐ | 10000.000 | 9975.206 | 36156090.01 | 2.9447 | A | 1.1 |
| 8 | ☐ | | | 9999.13 | 0.0008 | P | 16.0 |

y = 2.9520E-004 * x + 7.0385E-006
R = 0.9999
DL = 0.007726
BEC = 0.02384

Weight: <None>
Min Conc: 0

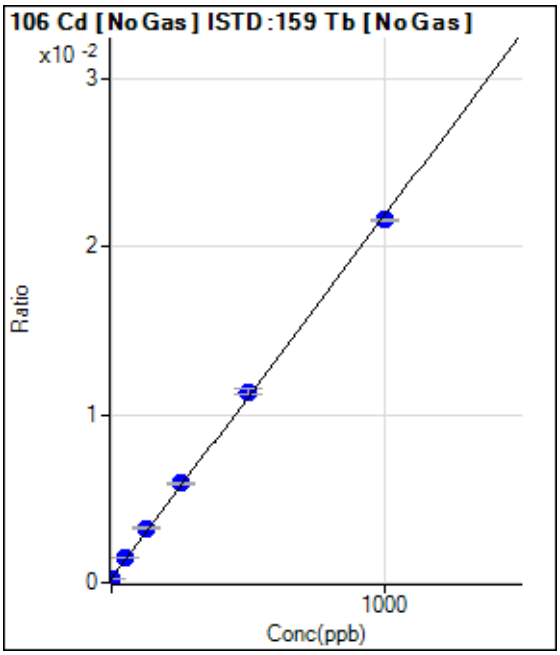
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 252.23 | 0.0000 | P | 9.5 |
| 2 | ☐ | 5.000 | 5.203 | 55359.96 | 0.0040 | P | 1.0 |
| 3 | ☐ | 500.000 | 498.475 | 5314070.79 | 0.3806 | A | 1.8 |
| 4 | ☐ | 1250.000 | 1255.829 | 13333659.94 | 0.9588 | A | 0.7 |
| 5 | ☐ | 2500.000 | 2460.325 | 24869089.91 | 1.8785 | A | 3.2 |
| 6 | ☐ | 5000.000 | 5073.166 | 46673103.75 | 3.8733 | A | 3.5 |
| 7 | ☐ | 10000.000 | 9972.683 | 93488689.72 | 7.6141 | A | 0.8 |
| 8 | ☐ | | | 25282.50 | 0.0021 | P | 17.2 |

y = 7.6349E-004 * x + 1.8157E-005
R = 1.0000
DL = 0.00681
BEC = 0.02378

Weight: <None>
Min Conc: 0

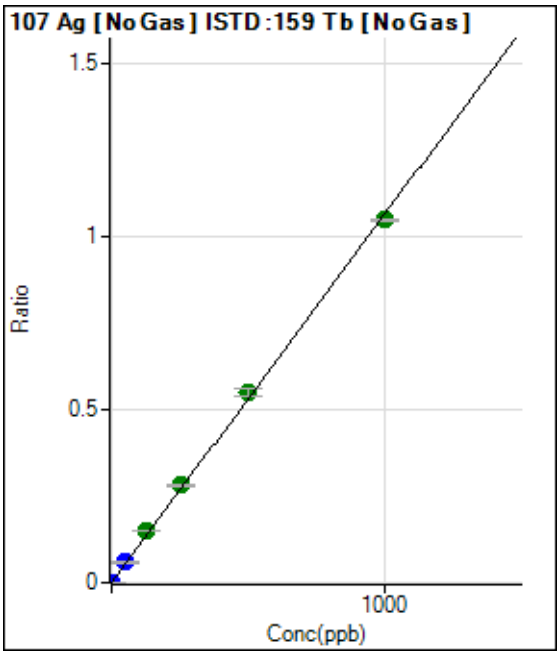



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3512.68 | 0.0002 | P | 1.4 |
| 2 | ☐ | 1.000 | 1.081 | 3820.55 | 0.0003 | P | 5.5 |
| 3 | ☐ | 50.000 | 56.224 | 21159.92 | 0.0015 | P | 2.4 |
| 4 | ☐ | 125.000 | 139.462 | 47228.73 | 0.0033 | P | 0.6 |
| 5 | ☐ | 250.000 | 261.807 | 84091.52 | 0.0059 | P | 2.3 |
| 6 | ☐ | 500.000 | 514.259 | 153930.91 | 0.0114 | P | 3.1 |
| 7 | ☐ | 1000.000 | 987.800 | 298585.78 | 0.0216 | P | 0.8 |
| 8 | ☐ | | | 3122.59 | 0.0002 | P | 3.6 |

y = 2.1618E-005 * x + 2.4610E-004
R = 0.9997
DL = 0.4883
BEC = 11.38

Weight: <None>
Min Conc: 0

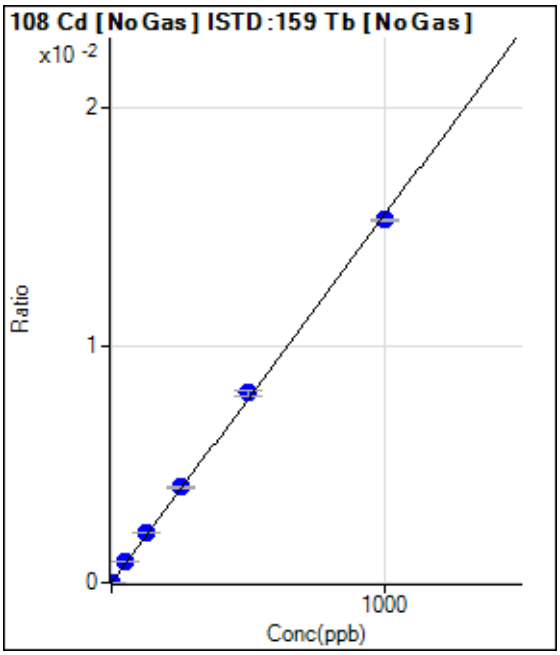
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 82.22 | 0.0000 | P | 25.9 |
| 2 | ☐ | 1.000 | 1.141 | 17289.25 | 0.0012 | P | 1.1 |
| 3 | ☐ | 50.000 | 54.979 | 846906.39 | 0.0585 | P | 1.0 |
| 4 | ☐ | 125.000 | 139.692 | 2152307.23 | 0.1486 | A | 0.7 |
| 5 | ☐ | 250.000 | 265.355 | 4019862.02 | 0.2823 | A | 1.9 |
| 6 | ☐ | 500.000 | 517.280 | 7453121.21 | 0.5503 | A | 4.0 |
| 7 | ☐ | 1000.000 | 985.436 | 14491065.76 | 1.0483 | A | 0.4 |
| 8 | ☐ | | | 3931.70 | 0.0003 | P | 17.3 |

y = 0.0011 * x + 5.7617E-006
R = 0.9996
DL = 0.004201
BEC = 0.005416

Weight: <None>
Min Conc: 0

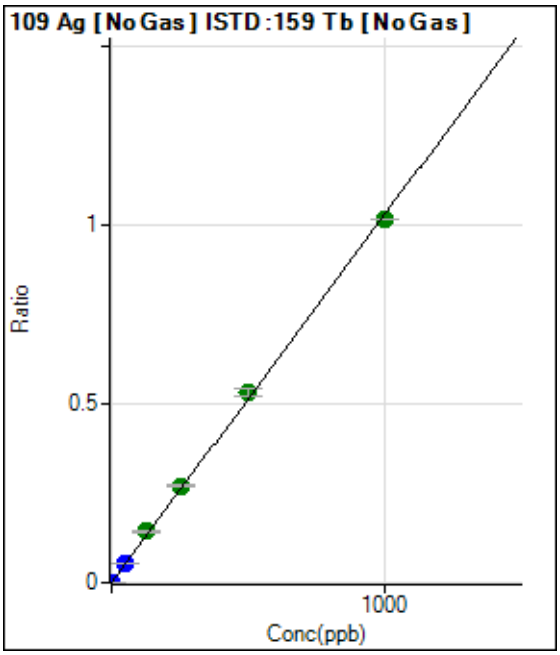



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 10.00 | 0.0000 | P | 32.9 |
| 2 | ☐ | 1.000 | 1.073 | 245.56 | 0.0000 | P | 23.3 |
| 3 | ☐ | 50.000 | 55.646 | 12489.89 | 0.0009 | P | 1.8 |
| 4 | ☐ | 125.000 | 138.112 | 30995.32 | 0.0021 | P | 0.2 |
| 5 | ☐ | 250.000 | 260.915 | 57561.37 | 0.0040 | P | 1.9 |
| 6 | ☐ | 500.000 | 516.741 | 108447.81 | 0.0080 | P | 2.9 |
| 7 | ☐ | 1000.000 | 986.980 | 211351.12 | 0.0153 | P | 0.6 |
| 8 | ☐ | | | 117.78 | 0.0000 | P | 28.8 |

y = 1.5490E-005 * x + 7.0001E-007
R = 0.9997
DL = 0.04463
BEC = 0.04519

Weight: <None>
Min Conc: 0

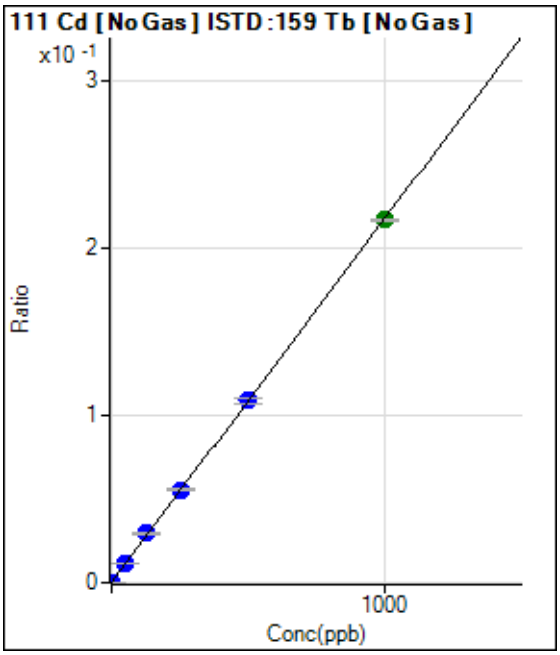
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 53.33 | 0.0000 | P | 25.2 |
| 2 | ☐ | 1.000 | 1.146 | 16756.42 | 0.0012 | P | 3.1 |
| 3 | ☐ | 50.000 | 53.922 | 802658.53 | 0.0554 | P | 1.2 |
| 4 | ☐ | 125.000 | 139.727 | 2080399.24 | 0.1436 | A | 2.1 |
| 5 | ☐ | 250.000 | 263.396 | 3856258.48 | 0.2708 | A | 1.3 |
| 6 | ☐ | 500.000 | 516.525 | 7192360.45 | 0.5310 | A | 3.6 |
| 7 | ☐ | 1000.000 | 986.352 | 14016827.01 | 1.0140 | A | 0.1 |
| 8 | ☐ | | | 3720.54 | 0.0003 | P | 16.0 |

y = 0.0010 * x + 3.7384E-006
R = 0.9996
DL = 0.002752
BEC = 0.003636

Weight: <None>
Min Conc: 0

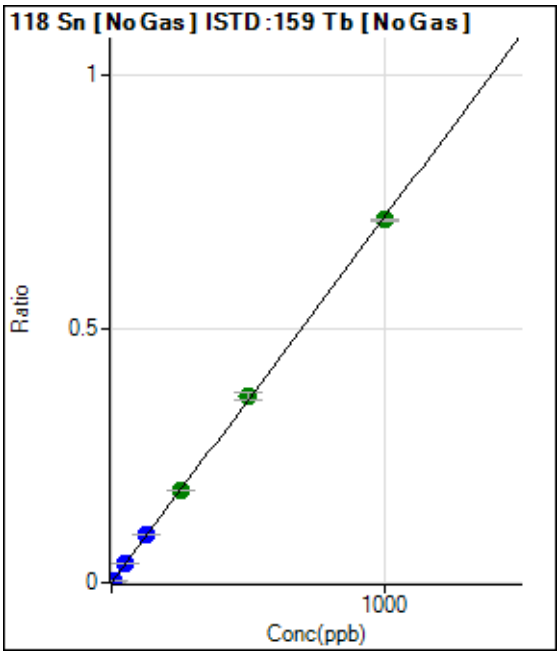



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2467.43 | 0.0002 | P | 1.3 |
| 2 | ☐ | 1.000 | 1.196 | 6127.43 | 0.0004 | P | 2.0 |
| 3 | ☐ | 50.000 | 53.837 | 171565.86 | 0.0118 | P | 1.3 |
| 4 | ☐ | 125.000 | 134.238 | 424185.30 | 0.0293 | P | 0.8 |
| 5 | ☐ | 250.000 | 253.431 | 785150.91 | 0.0551 | P | 2.2 |
| 6 | ☐ | 500.000 | 500.511 | 1472970.22 | 0.1087 | P | 2.9 |
| 7 | ☐ | 1000.000 | 997.540 | 2993167.45 | 0.2165 | A | 0.5 |
| 8 | ☐ | | | 2957.84 | 0.0002 | P | 1.0 |

y = 2.1689E-004 * x + 1.7287E-004
R = 1.0000
DL = 0.03124
BEC = 0.797

Weight: <None>
Min Conc: 0

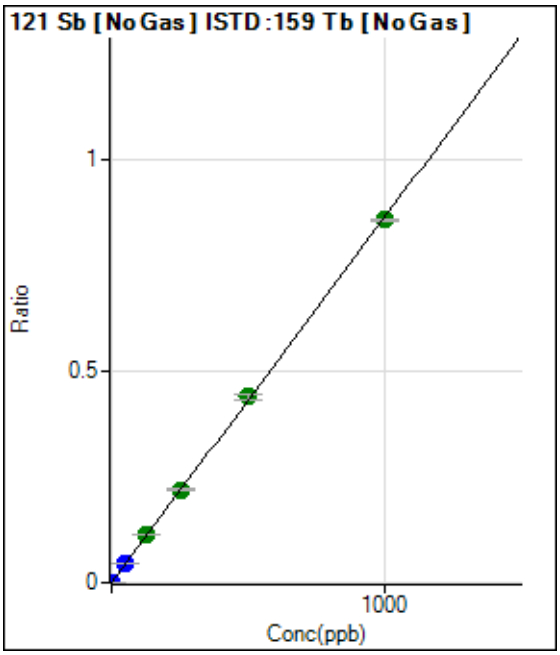
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1402.30 | 0.0001 | P | 5.3 |
| 2 | ☐ | 5.000 | 5.632 | 58819.27 | 0.0041 | P | 0.8 |
| 3 | ☐ | 50.000 | 51.664 | 539364.34 | 0.0373 | P | 1.2 |
| 4 | ☐ | 125.000 | 129.293 | 1348071.49 | 0.0931 | P | 0.3 |
| 5 | ☐ | 250.000 | 252.608 | 2588634.92 | 0.1818 | A | 1.4 |
| 6 | ☐ | 500.000 | 511.538 | 4983926.87 | 0.3680 | A | 3.7 |
| 7 | ☐ | 1000.000 | 992.956 | 9872287.08 | 0.7142 | A | 0.5 |
| 8 | ☐ | | | 5017.59 | 0.0004 | P | 8.5 |

y = 7.1915E-004 * x + 9.8256E-005
R = 0.9999
DL = 0.02175
BEC = 0.1366

Weight: <None>
Min Conc: 0

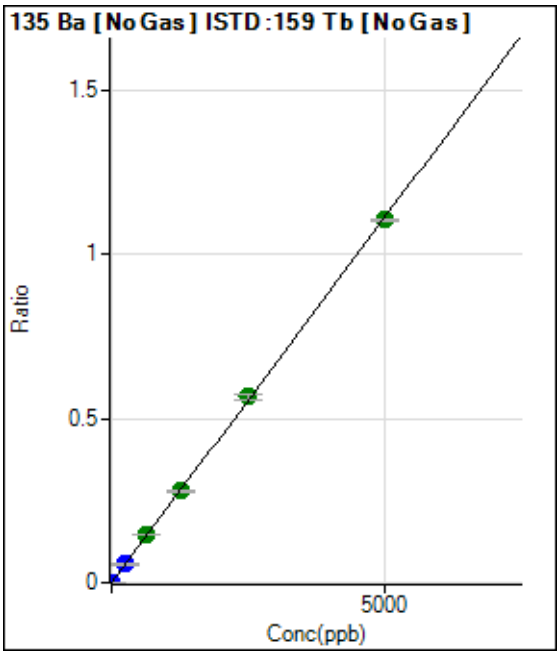



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 23.33 | 0.0000 | P | 0.4 |
| 2 | ☐ | 2.000 | 2.227 | 27293.72 | 0.0019 | P | 2.0 |
| 3 | ☐ | 50.000 | 51.220 | 640689.40 | 0.0443 | P | 1.0 |
| 4 | ☐ | 125.000 | 132.452 | 1657237.93 | 0.1144 | A | 0.1 |
| 5 | ☐ | 250.000 | 254.397 | 3129205.16 | 0.2198 | A | 2.5 |
| 6 | ☐ | 500.000 | 508.852 | 5955041.02 | 0.4396 | A | 3.0 |
| 7 | ☐ | 1000.000 | 993.482 | 11864001.49 | 0.8583 | A | 0.7 |
| 8 | ☐ | | | 7154.07 | 0.0005 | P | 6.3 |

y = 8.6389E-004 * x + 1.6345E-006
R = 0.9999
DL = 2.281E-05
BEC = 0.001892

Weight: <None>
Min Conc: 0

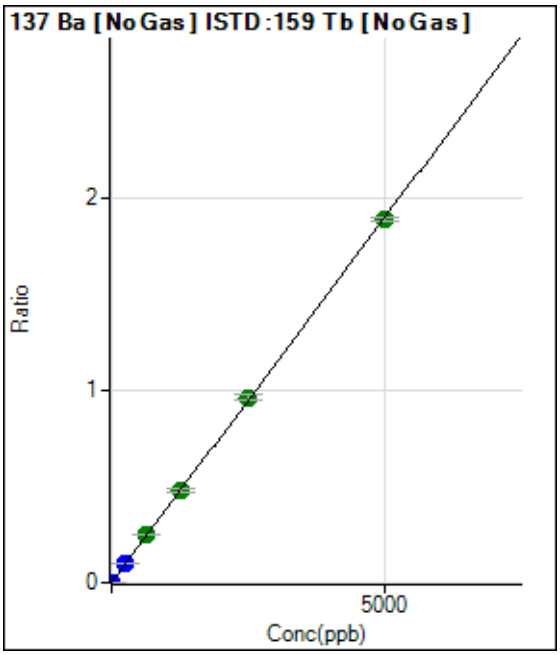
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 64.44 | 0.0000 | P | 29.3 |
| 2 | ☐ | 10.000 | 10.730 | 33896.95 | 0.0024 | P | 0.5 |
| 3 | ☐ | 250.000 | 251.001 | 808302.17 | 0.0558 | P | 0.8 |
| 4 | ☐ | 625.000 | 661.236 | 2129891.44 | 0.1471 | A | 0.9 |
| 5 | ☐ | 1250.000 | 1258.861 | 3986598.76 | 0.2800 | A | 2.1 |
| 6 | ☐ | 2500.000 | 2545.594 | 7668355.93 | 0.5661 | A | 3.5 |
| 7 | ☐ | 5000.000 | 4970.407 | 15279932.14 | 1.1054 | A | 0.5 |
| 8 | ☐ | | | 8074.60 | 0.0006 | P | 8.3 |

y = 2.2239E-004 * x + 4.5132E-006
R = 0.9999
DL = 0.01783
BEC = 0.02029

Weight: <None>
Min Conc: 0

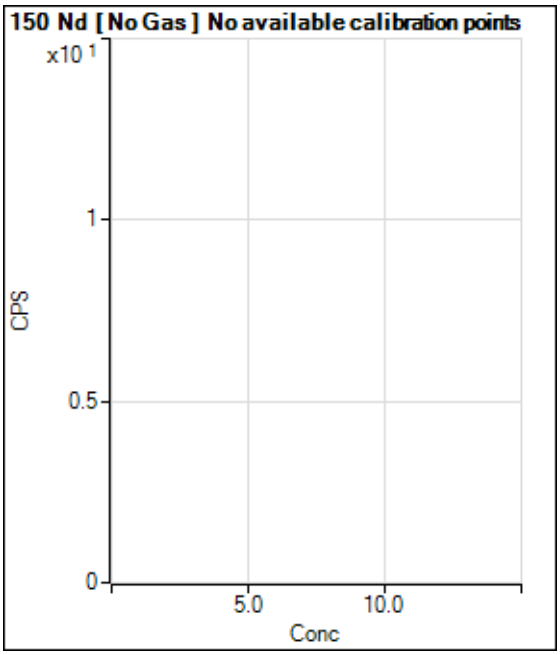



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 115.56 | 0.0000 | P | 13.2 |
| 2 | ☐ | 10.000 | 10.887 | 58613.37 | 0.0041 | P | 0.6 |
| 3 | ☐ | 250.000 | 253.880 | 1393337.79 | 0.0962 | P | 0.9 |
| 4 | ☐ | 625.000 | 667.783 | 3665758.14 | 0.2531 | A | 0.7 |
| 5 | ☐ | 1250.000 | 1261.689 | 6808608.51 | 0.4782 | A | 2.7 |
| 6 | ☐ | 2500.000 | 2536.028 | 13020290.08 | 0.9612 | A | 3.3 |
| 7 | ☐ | 5000.000 | 4973.520 | 26056757.11 | 1.8850 | A | 1.1 |
| 8 | ☐ | | | 13873.55 | 0.0010 | P | 6.4 |

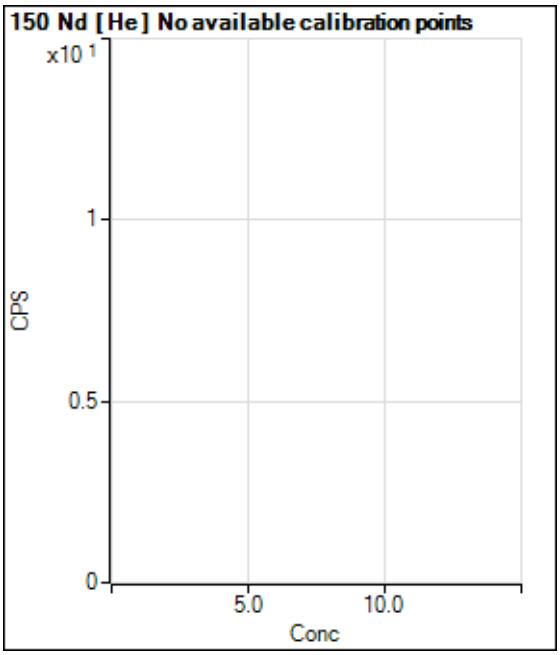
y = 3.7901E-004 * x + 8.0932E-006
R = 0.9999
DL = 0.008466
BEC = 0.02135

Weight: <None>
Min Conc: 0

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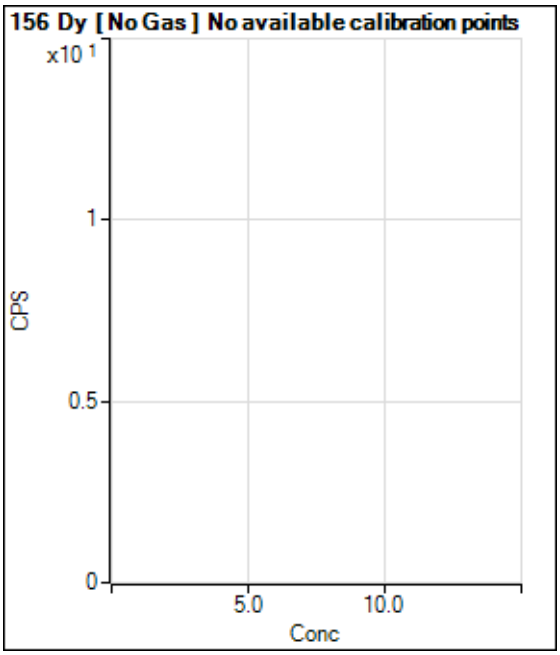



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 6.67 | | P | 100. |
| 2 | ☐ | | | 10.00 | | P | 0.0 |
| 3 | ☐ | | | 51.11 | | P | 7.5 |
| 4 | ☐ | | | 101.11 | | P | 21.2 |
| 5 | ☐ | | | 193.34 | | P | 9.0 |
| 6 | ☐ | | | 330.01 | | P | 11.6 |
| 7 | ☐ | | | 677.80 | | P | 4.0 |
| 8 | ☐ | | | 245.56 | | P | 14.5 |

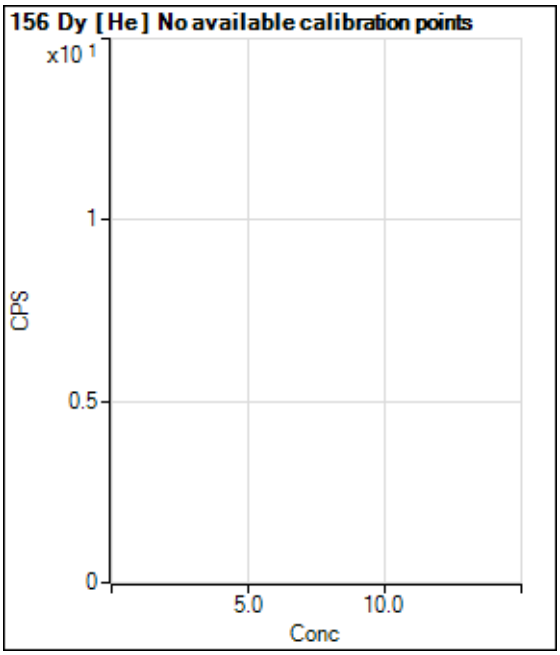



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2.22 | | P | 86.6 |
| 2 | ☐ | | | 3.33 | | P | 100. |
| 3 | ☐ | | | 17.78 | | P | 75.8 |
| 4 | ☐ | | | 24.44 | | P | 34.3 |
| 5 | ☐ | | | 40.00 | | P | 16.7 |
| 6 | ☐ | | | 83.33 | | P | 17.4 |
| 7 | ☐ | | | 118.89 | | P | 8.6 |
| 8 | ☐ | | | 155.56 | | P | 14.3 |

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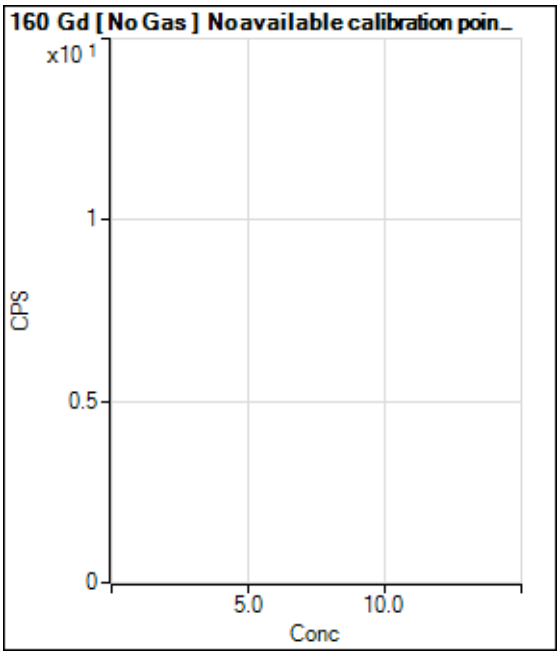



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 17.78 | | P | 10.8 |
| 2 | ☐ | | | 26.67 | | P | 33.1 |
| 3 | ☐ | | | 37.78 | | P | 13.5 |
| 4 | ☐ | | | 54.45 | | P | 24.7 |
| 5 | ☐ | | | 80.00 | | P | 16.7 |
| 6 | ☐ | | | 134.45 | | P | 24.8 |
| 7 | ☐ | | | 222.23 | | P | 8.3 |
| 8 | ☐ | | | 408.90 | | P | 13.1 |

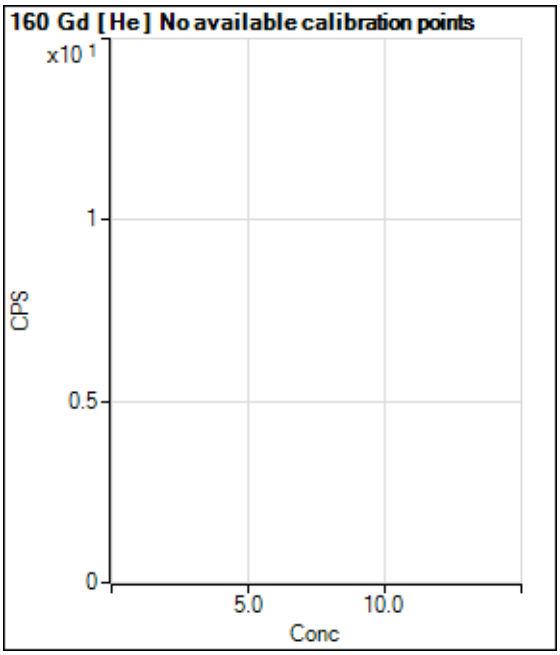



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 6.67 | | P | 50.0 |
| 2 | ☐ | | | 12.22 | | P | 41.7 |
| 3 | ☐ | | | 47.78 | | P | 8.1 |
| 4 | ☐ | | | 84.45 | | P | 4.6 |
| 5 | ☐ | | | 125.56 | | P | 25.1 |
| 6 | ☐ | | | 265.56 | | P | 6.2 |
| 7 | ☐ | | | 587.79 | | P | 2.4 |
| 8 | ☐ | | | 367.79 | | P | 6.9 |

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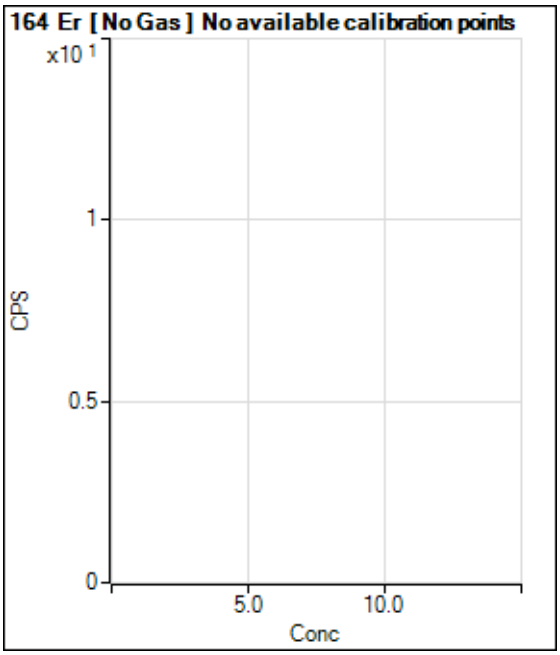



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 71.11 | | P | 28.6 |
| 2 | ☐ | | | 67.78 | | P | 2.8 |
| 3 | ☐ | | | 54.44 | | P | 9.4 |
| 4 | ☐ | | | 78.89 | | P | 20.0 |
| 5 | ☐ | | | 84.44 | | P | 16.4 |
| 6 | ☐ | | | 105.56 | | P | 23.7 |
| 7 | ☐ | | | 188.89 | | P | 11.7 |
| 8 | ☐ | | | 465.57 | | P | 10.1 |

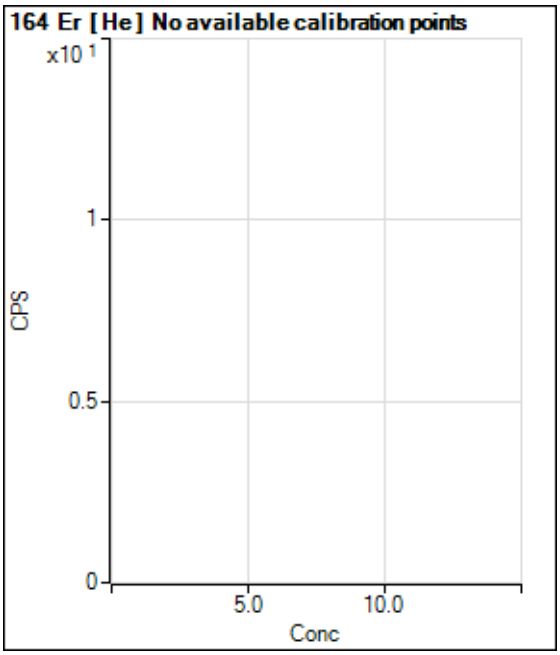



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 383.34 | | P | 19.9 |
| 2 | ☐ | | | 377.79 | | P | 13.4 |
| 3 | ☐ | | | 421.12 | | P | 5.9 |
| 4 | ☐ | | | 408.90 | | P | 16.8 |
| 5 | ☐ | | | 378.90 | | P | 7.1 |
| 6 | ☐ | | | 402.23 | | P | 5.0 |
| 7 | ☐ | | | 485.57 | | P | 11.5 |
| 8 | ☐ | | | 711.14 | | P | 9.8 |

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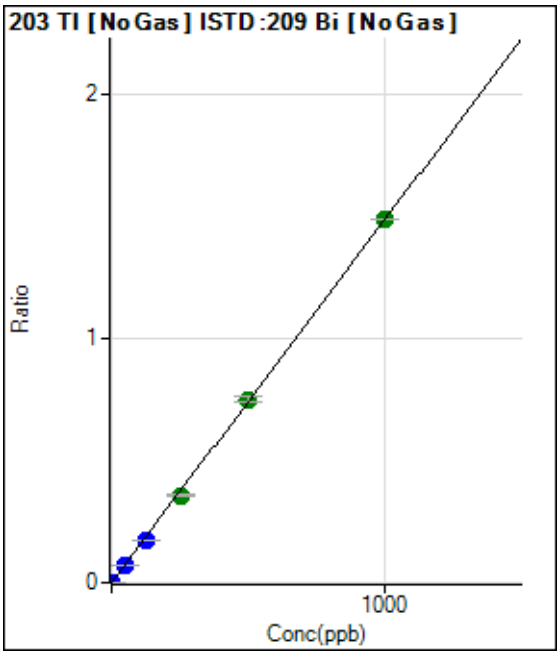



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 47.78 | | P | 14.5 |
| 2 | ☐ | | | 50.00 | | P | 24.0 |
| 3 | ☐ | | | 48.89 | | P | 10.4 |
| 4 | ☐ | | | 71.11 | | P | 11.8 |
| 5 | ☐ | | | 73.33 | | P | 9.1 |
| 6 | ☐ | | | 111.11 | | P | 20.0 |
| 7 | ☐ | | | 183.34 | | P | 7.9 |
| 8 | ☐ | | | 500.02 | | P | 10.5 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 35.56 | | P | 5.4 |
| 2 | ☐ | | | 46.67 | | P | 7.1 |
| 3 | ☐ | | | 25.56 | | P | 37.7 |
| 4 | ☐ | | | 42.22 | | P | 40.5 |
| 5 | ☐ | | | 61.11 | | P | 43.8 |
| 6 | ☐ | | | 97.78 | | P | 20.8 |
| 7 | ☐ | | | 140.00 | | P | 18.0 |
| 8 | ☐ | | | 336.67 | | P | 6.9 |

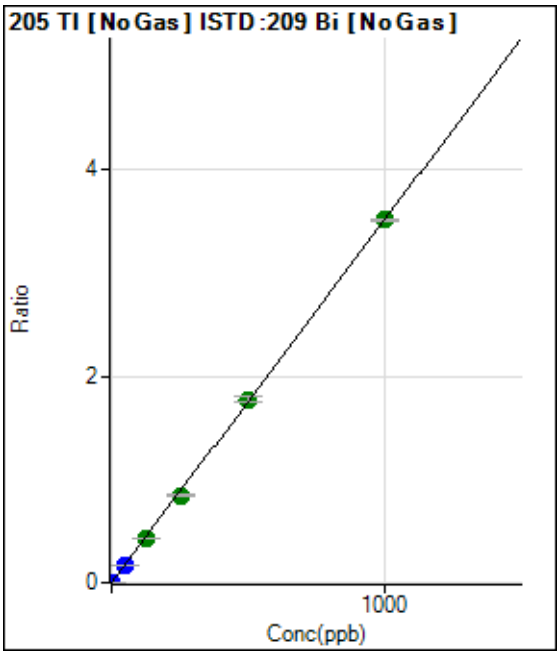
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 276.67 | 0.0000 | P | 16.0 |
| 2 | ☐ | 1.000 | 0.969 | 11700.68 | 0.0015 | P | 2.1 |
| 3 | ☐ | 50.000 | 45.748 | 547882.63 | 0.0679 | P | 1.2 |
| 4 | ☐ | 125.000 | 114.755 | 1378979.17 | 0.1703 | P | 0.8 |
| 5 | ☐ | 250.000 | 240.659 | 2896712.53 | 0.3571 | A | 1.6 |
| 6 | ☐ | 500.000 | 505.822 | 5827649.71 | 0.7506 | A | 3.1 |
| 7 | ☐ | 1000.000 | 1000.917 | 11591823.99 | 1.4852 | A | 0.1 |
| 8 | ☐ | | | 2544.72 | 0.0004 | P | 16.3 |

y = 0.0015 * x + 3.5033E-005
R = 0.9999
DL = 0.01135
BEC = 0.02361

Weight: <None>
Min Conc: 0

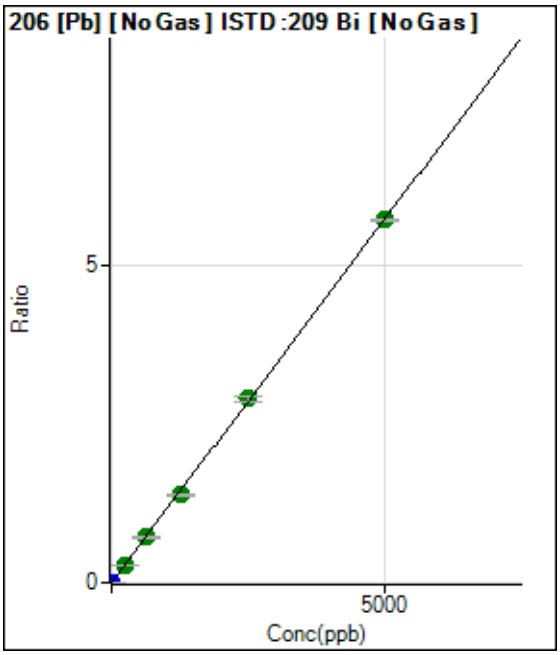



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 646.69 | 0.0001 | P | 3.4 |
| 2 | ☐ | 1.000 | 0.957 | 27347.53 | 0.0034 | P | 2.8 |
| 3 | ☐ | 50.000 | 45.329 | 1285368.32 | 0.1593 | P | 1.3 |
| 4 | ☐ | 125.000 | 123.654 | 3518330.50 | 0.4345 | A | 0.2 |
| 5 | ☐ | 250.000 | 240.778 | 6862042.95 | 0.8460 | A | 1.9 |
| 6 | ☐ | 500.000 | 504.857 | 13771933.13 | 1.7738 | A | 3.2 |
| 7 | ☐ | 1000.000 | 1000.279 | 27429529.03 | 3.5143 | A | 0.3 |
| 8 | ☐ | | | 5962.51 | 0.0009 | P | 15.8 |

y = 0.0035 * x + 8.1913E-005
R = 0.9999
DL = 0.00238
BEC = 0.02332

Weight: <None>
Min Conc: 0

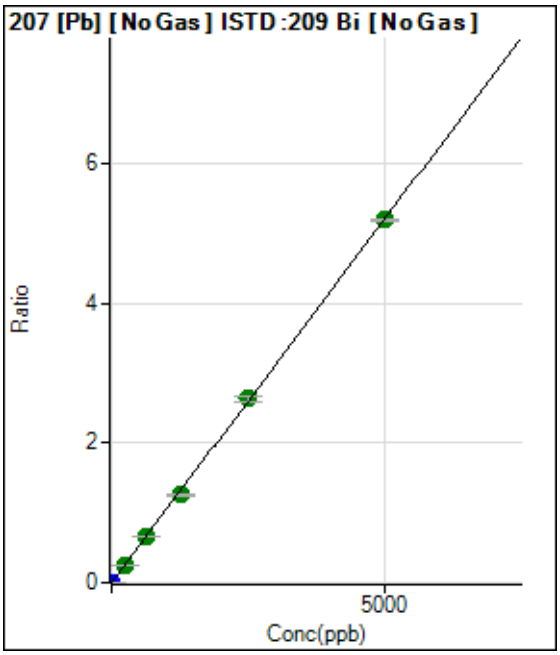
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 357.79 | 0.0000 | P | 6.5 |
| 2 | ☐ | 1.000 | 0.989 | 9362.20 | 0.0012 | P | 3.0 |
| 3 | ☐ | 250.000 | 244.918 | 2264672.69 | 0.2807 | A | 0.5 |
| 4 | ☐ | 625.000 | 624.411 | 5794023.66 | 0.7156 | A | 1.3 |
| 5 | ☐ | 1250.000 | 1211.313 | 11258592.96 | 1.3881 | A | 2.6 |
| 6 | ☐ | 2500.000 | 2529.494 | 22503956.19 | 2.8987 | A | 3.5 |
| 7 | ☐ | 5000.000 | 4995.253 | 44678270.17 | 5.7243 | A | 0.3 |
| 8 | ☐ | | | 13580.35 | 0.0019 | P | 11.4 |

y = 0.0011 * x + 4.5332E-005
R = 0.9999
DL = 0.007655
BEC = 0.03956

Weight: <None>
Min Conc: 0

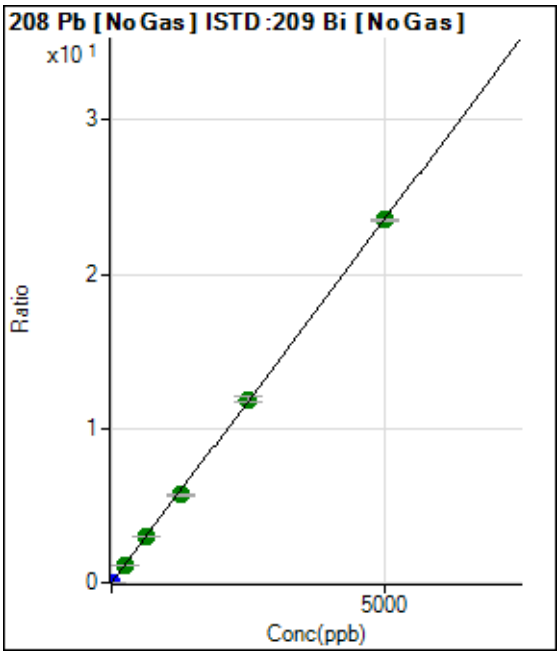



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 266.67 | 0.0000 | P | 13.7 |
| 2 | ☐ | 1.000 | 0.976 | 8339.28 | 0.0011 | P | 1.5 |
| 3 | ☐ | 250.000 | 246.495 | 2071847.33 | 0.2568 | A | 0.7 |
| 4 | ☐ | 625.000 | 628.658 | 5303135.75 | 0.6549 | A | 0.5 |
| 5 | ☐ | 1250.000 | 1212.916 | 10248580.06 | 1.2636 | A | 2.5 |
| 6 | ☐ | 2500.000 | 2533.868 | 20494306.22 | 2.6397 | A | 3.3 |
| 7 | ☐ | 5000.000 | 4992.055 | 40589001.34 | 5.2005 | A | 0.8 |
| 8 | ☐ | | | 12432.51 | 0.0018 | P | 8.9 |

y = 0.0010 * x + 3.3778E-005
R = 0.9999
DL = 0.01337
BEC = 0.03242

Weight: <None>
Min Conc: 0

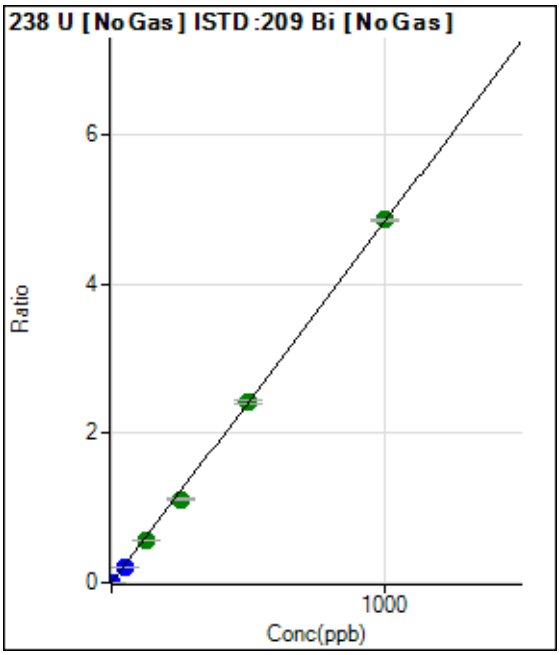
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1303.37 | 0.0002 | P | 4.3 |
| 2 | ☐ | 1.000 | 0.975 | 37736.36 | 0.0048 | P | 1.7 |
| 3 | ☐ | 250.000 | 246.382 | 9356550.50 | 1.1598 | A | 0.3 |
| 4 | ☐ | 625.000 | 624.374 | 23795958.40 | 2.9388 | A | 0.5 |
| 5 | ☐ | 1250.000 | 1215.182 | 46389028.20 | 5.7195 | A | 2.4 |
| 6 | ☐ | 2500.000 | 2527.501 | 92364922.79 | 11.8960 | A | 3.0 |
| 7 | ☐ | 5000.000 | 4995.213 | 183495095.60 | 23.5105 | A | 0.7 |
| 8 | ☐ | | | 55506.56 | 0.0080 | P | 10.7 |

y = 0.0047 * x + 1.6509E-004
R = 1.0000
DL = 0.004501
BEC = 0.03508

Weight: <None>
Min Conc: 0

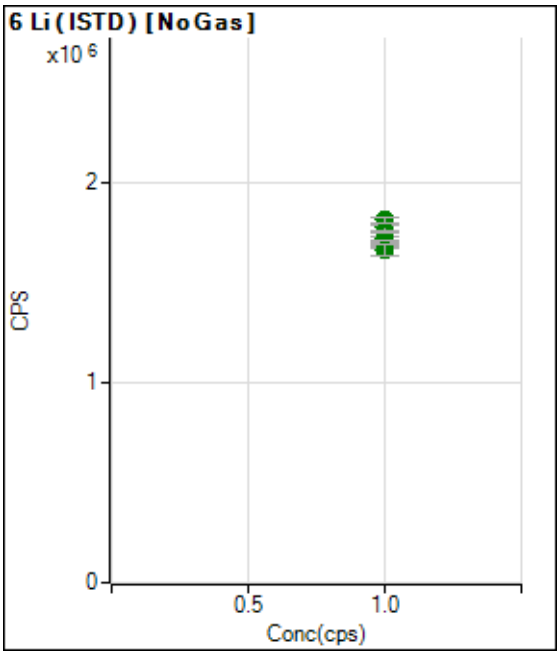



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8.89 | 0.0000 | P | 56.8 |
| 2 | ☐ | 1.000 | 0.895 | 34396.50 | 0.0043 | P | 1.8 |
| 3 | ☐ | 50.000 | 43.119 | 1683865.39 | 0.2087 | P | 1.5 |
| 4 | ☐ | 125.000 | 118.885 | 4659868.61 | 0.5755 | A | 1.1 |
| 5 | ☐ | 250.000 | 231.269 | 9080149.45 | 1.1195 | A | 2.6 |
| 6 | ☐ | 500.000 | 501.152 | 18838300.69 | 2.4260 | A | 2.5 |
| 7 | ☐ | 1000.000 | 1005.215 | 37979421.65 | 4.8661 | A | 0.7 |
| 8 | ☐ | | | 7383.32 | 0.0011 | P | 22.0 |

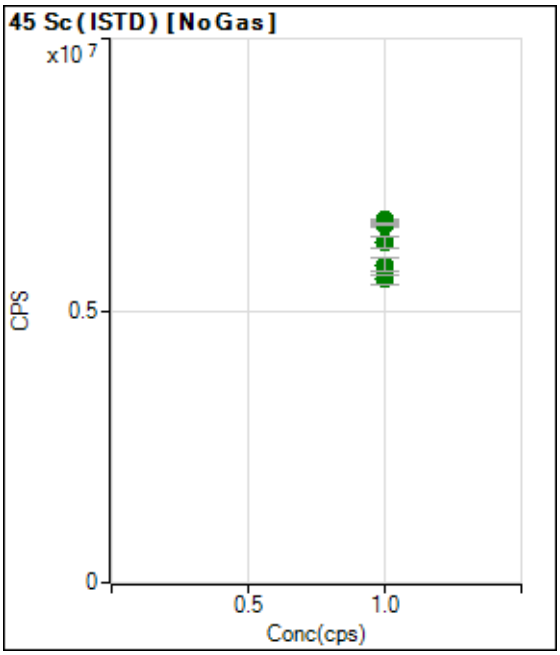
y = 0.0048 * x + 1.1228E-006
R = 0.9998
DL = 0.0003955
BEC = 0.0002319

Weight: <None>
Min Conc: 0

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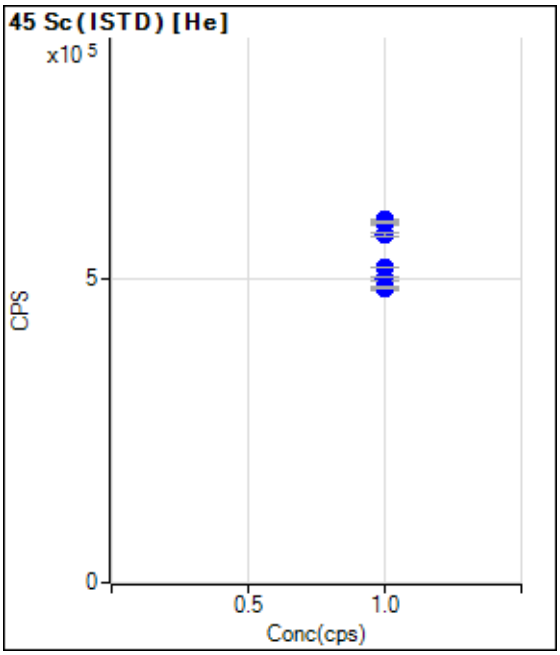



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1694229.80 | | A | 1.9 |
| 2 | ☐ | 1.000 | | 1718946.97 | | A | 1.7 |
| 3 | ☐ | 1.000 | | 1747056.95 | | A | 1.5 |
| 4 | ☐ | 1.000 | | 1777074.02 | | A | 1.5 |
| 5 | ☐ | 1.000 | | 1815047.99 | | A | 1.6 |
| 6 | ☐ | 1.000 | | 1716786.35 | | A | 4.3 |
| 7 | ☐ | 1.000 | | 1706915.16 | | A | 0.9 |
| 8 | ☐ | 1.000 | | 1664780.58 | | A | 3.6 |

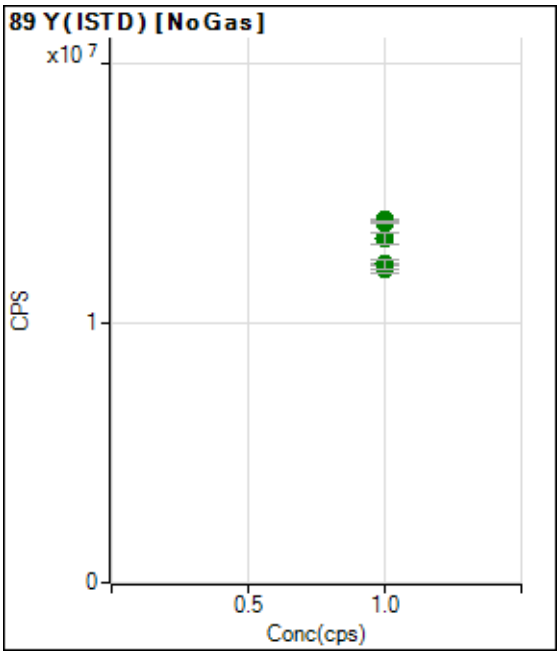



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6642528.37 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 6587929.83 | | A | 1.3 |
| 3 | ☐ | 1.000 | | 6670014.55 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 6598898.16 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 6266154.56 | | A | 3.4 |
| 6 | ☐ | 1.000 | | 5575614.64 | | A | 2.8 |
| 7 | ☐ | 1.000 | | 5652817.76 | | A | 0.2 |
| 8 | ☐ | 1.000 | | 5842567.34 | | A | 4.2 |

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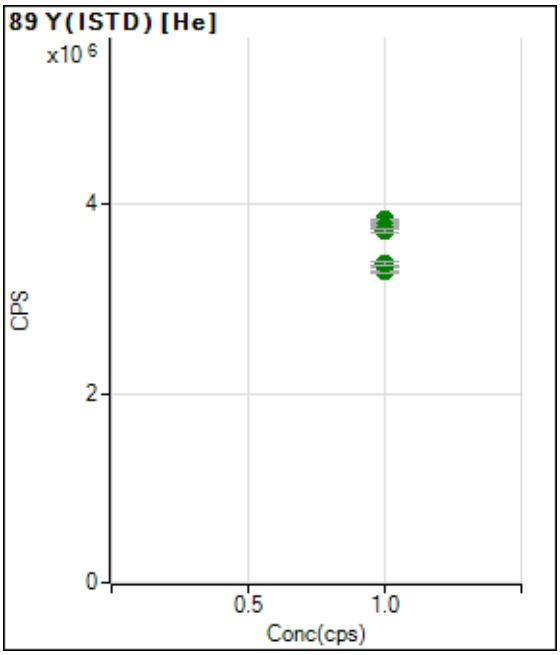



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 592280.24 | | P | 0.5 |
| 2 | ☐ | 1.000 | | 598379.63 | | P | 0.3 |
| 3 | ☐ | 1.000 | | 594868.37 | | P | 0.4 |
| 4 | ☐ | 1.000 | | 575232.58 | | P | 1.2 |
| 5 | ☐ | 1.000 | | 501625.21 | | P | 1.1 |
| 6 | ☐ | 1.000 | | 483980.04 | | P | 0.3 |
| 7 | ☐ | 1.000 | | 487450.14 | | P | 0.3 |
| 8 | ☐ | 1.000 | | 519115.01 | | P | 0.1 |

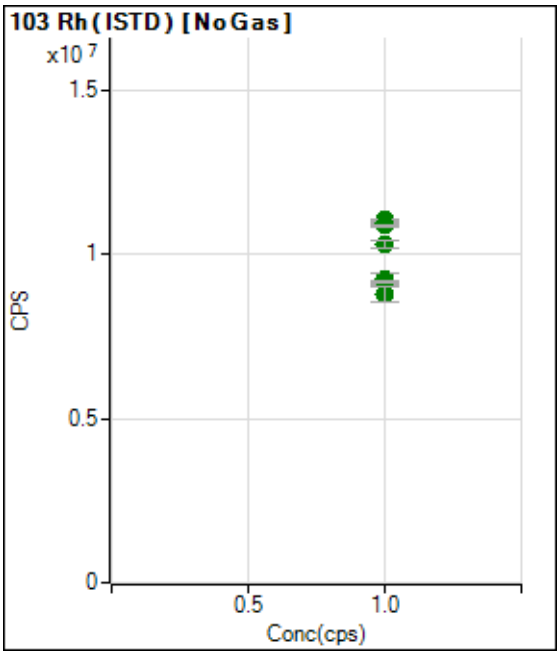



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 13890455.77 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 13872947.43 | | A | 0.9 |
| 3 | ☐ | 1.000 | | 13963417.99 | | A | 0.6 |
| 4 | ☐ | 1.000 | | 13906513.26 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 13247836.33 | | A | 3.2 |
| 6 | ☐ | 1.000 | | 12057812.18 | | A | 2.9 |
| 7 | ☐ | 1.000 | | 12278465.09 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 12271259.54 | | A | 3.1 |

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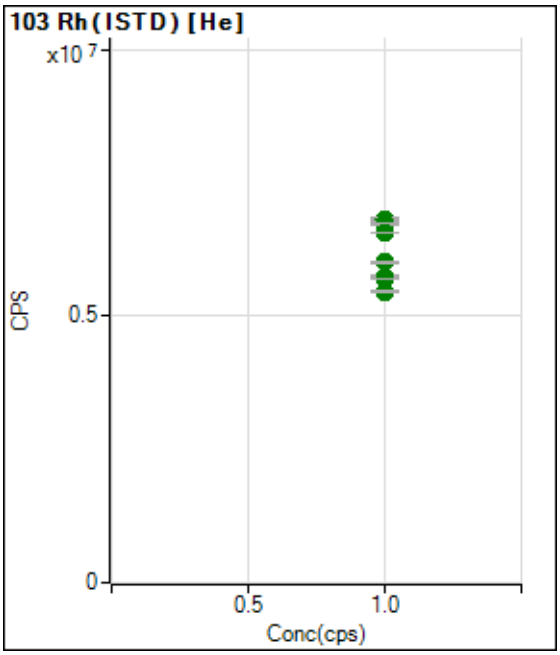



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3828367.06 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 3838246.02 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 3772364.25 | | A | 0.8 |
| 4 | ☐ | 1.000 | | 3720958.63 | | A | 1.2 |
| 5 | ☐ | 1.000 | | 3348664.39 | | A | 1.0 |
| 6 | ☐ | 1.000 | | 3293916.82 | | A | 0.2 |
| 7 | ☐ | 1.000 | | 3293014.85 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 3371383.98 | | A | 1.0 |

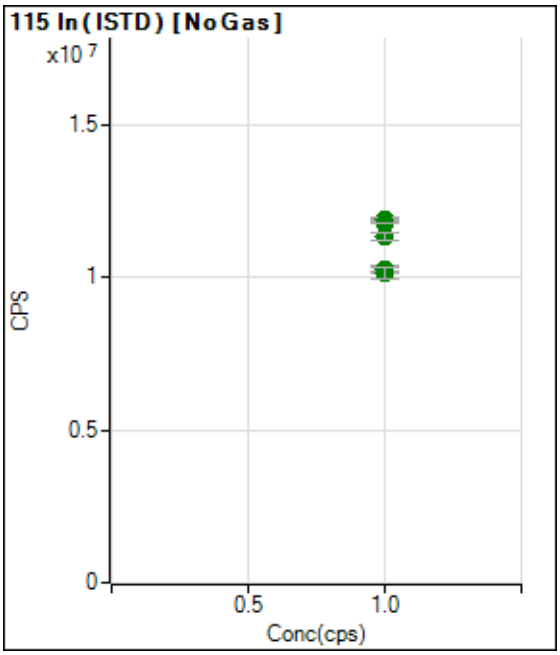



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 10991170.25 | | A | 0.2 |
| 2 | ☐ | 1.000 | | 10982415.39 | | A | 1.1 |
| 3 | ☐ | 1.000 | | 11056227.20 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 10885566.92 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 10319097.42 | | A | 2.7 |
| 6 | ☐ | 1.000 | | 9254455.21 | | A | 3.3 |
| 7 | ☐ | 1.000 | | 9172414.72 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 8791840.28 | | A | 4.8 |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

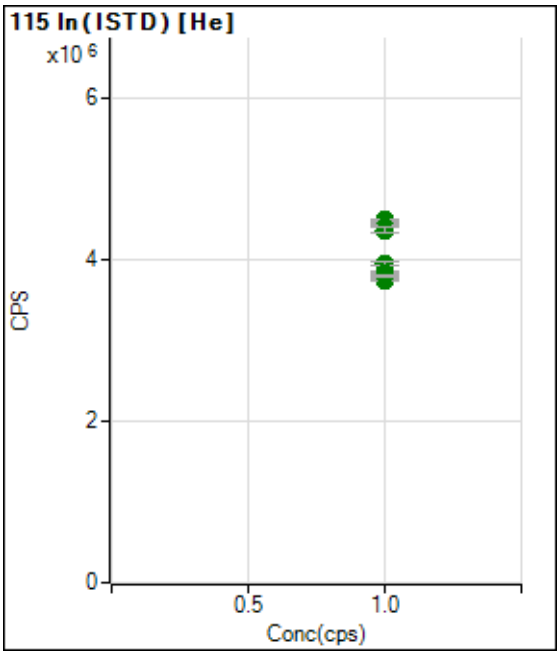



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6793131.43 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 6801067.75 | | A | 0.9 |
| 3 | ☐ | 1.000 | | 6731431.43 | | A | 0.8 |
| 4 | ☐ | 1.000 | | 6558537.40 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 6009121.44 | | A | 0.6 |
| 6 | ☐ | 1.000 | | 5746823.73 | | A | 1.0 |
| 7 | ☐ | 1.000 | | 5691404.84 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 5455781.38 | | A | 0.4 |

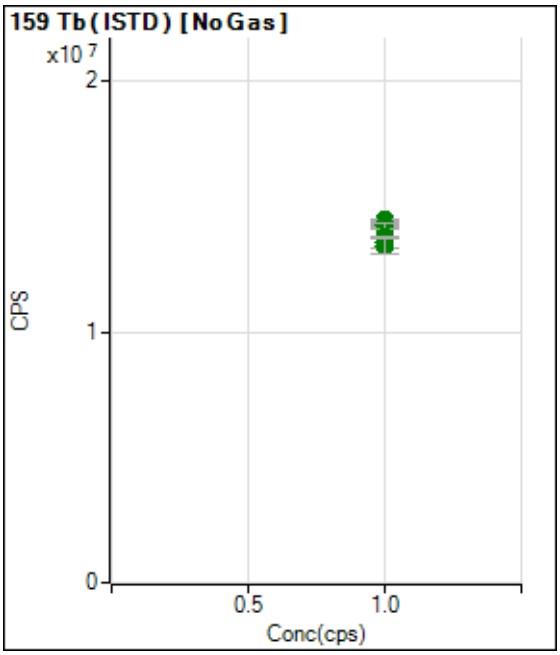



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11874820.08 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 11824149.34 | | A | 0.8 |
| 3 | ☐ | 1.000 | | 11873820.93 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 11786364.14 | | A | 0.2 |
| 5 | ☐ | 1.000 | | 11342123.49 | | A | 2.5 |
| 6 | ☐ | 1.000 | | 10259192.49 | | A | 3.0 |
| 7 | ☐ | 1.000 | | 10244099.36 | | A | 1.1 |
| 8 | ☐ | 1.000 | | 10136351.45 | | A | 3.7 |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

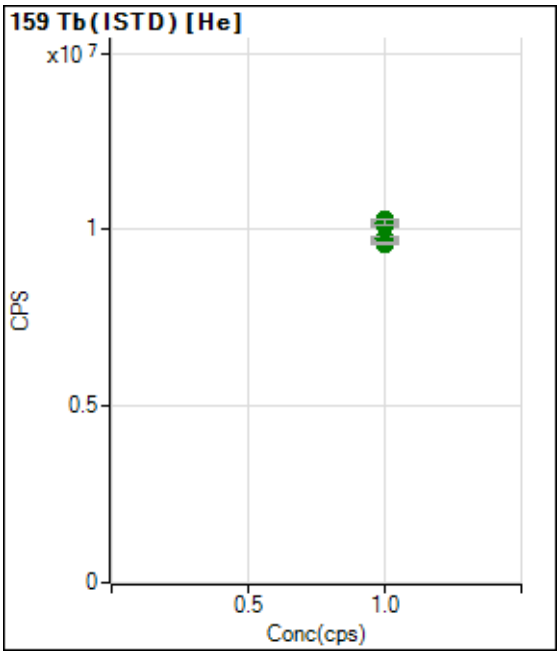



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4474689.53 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 4491569.47 | | A | 0.7 |
| 3 | ☐ | 1.000 | | 4413885.91 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 4359012.06 | | A | 1.6 |
| 5 | ☐ | 1.000 | | 3951140.16 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 3839043.01 | | A | 0.6 |
| 7 | ☐ | 1.000 | | 3743256.40 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 3801104.30 | | A | 0.6 |

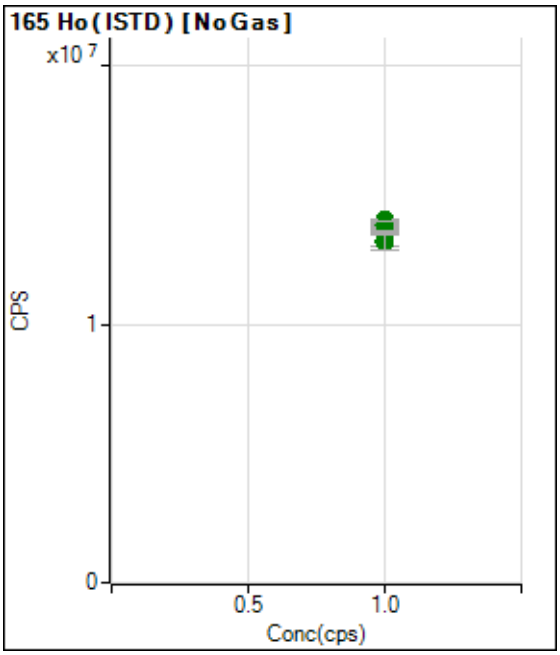



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 14273211.04 | | A | 0.4 |
| 2 | ☐ | 1.000 | | 14177542.29 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 14479295.06 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 14483112.98 | | A | 0.3 |
| 5 | ☐ | 1.000 | | 14242980.06 | | A | 2.0 |
| 6 | ☐ | 1.000 | | 13555779.52 | | A | 3.4 |
| 7 | ☐ | 1.000 | | 13823226.60 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 13433491.33 | | A | 4.1 |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

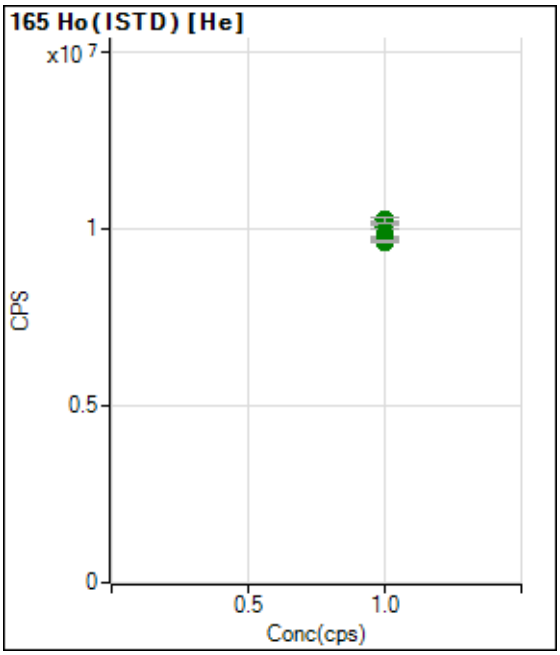



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 10110838.67 | | A | 0.9 |
| 2 | ☐ | 1.000 | | 10273290.89 | | A | 0.3 |
| 3 | ☐ | 1.000 | | 10233664.99 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 10206288.39 | | A | 1.3 |
| 5 | ☐ | 1.000 | | 9748617.77 | | A | 1.2 |
| 6 | ☐ | 1.000 | | 9725609.58 | | A | 0.2 |
| 7 | ☐ | 1.000 | | 9735786.66 | | A | 0.9 |
| 8 | ☐ | 1.000 | | 9603271.24 | | A | 0.3 |

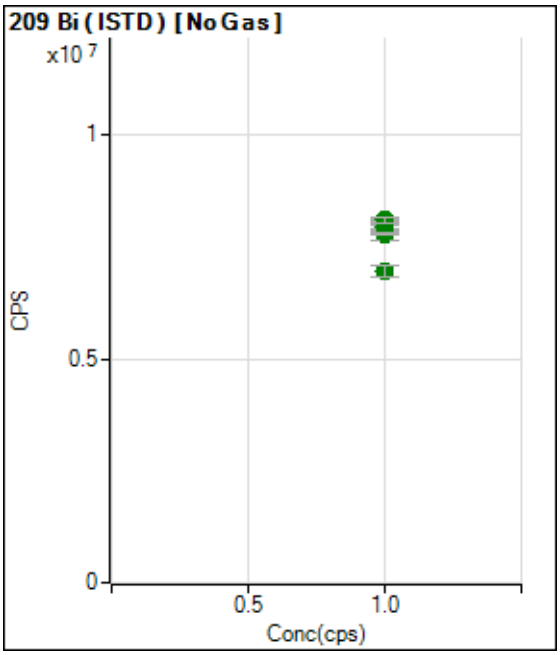



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 13835410.49 | | A | 1.3 |
| 2 | ☐ | 1.000 | | 13767330.07 | | A | 0.5 |
| 3 | ☐ | 1.000 | | 14030545.62 | | A | 0.3 |
| 4 | ☐ | 1.000 | | 13976514.79 | | A | 0.7 |
| 5 | ☐ | 1.000 | | 13855477.44 | | A | 1.9 |
| 6 | ☐ | 1.000 | | 13241210.64 | | A | 3.2 |
| 7 | ☐ | 1.000 | | 13574044.10 | | A | 0.2 |
| 8 | ☐ | 1.000 | | 13166572.58 | | A | 4.4 |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

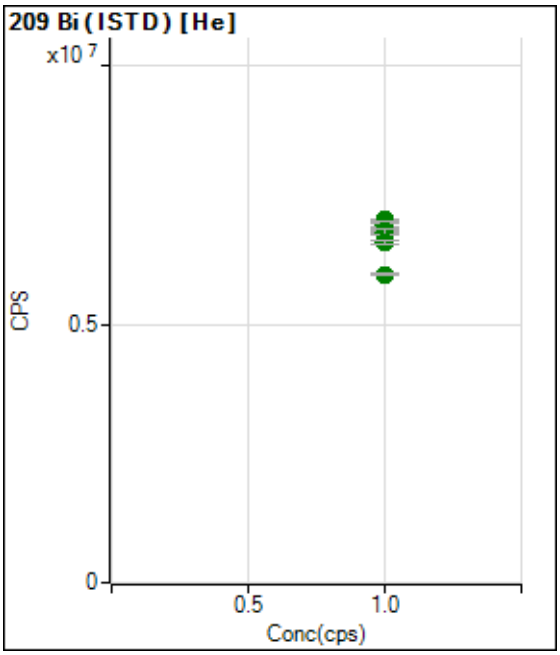



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 10062582.35 | | A | 1.2 |
| 2 | ☐ | 1.000 | | 10184896.86 | | A | 0.9 |
| 3 | ☐ | 1.000 | | 10171756.24 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 10264872.49 | | A | 1.4 |
| 5 | ☐ | 1.000 | | 9762886.59 | | A | 0.7 |
| 6 | ☐ | 1.000 | | 9780862.98 | | A | 0.8 |
| 7 | ☐ | 1.000 | | 9738434.99 | | A | 0.4 |
| 8 | ☐ | 1.000 | | 9645286.94 | | A | 0.6 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7893526.69 | | A | 0.7 |
| 2 | ☐ | 1.000 | | 7941956.20 | | A | 1.3 |
| 3 | ☐ | 1.000 | | 8067521.96 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 8097234.60 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 8112489.67 | | A | 1.4 |
| 6 | ☐ | 1.000 | | 7769202.73 | | A | 3.2 |
| 7 | ☐ | 1.000 | | 7805061.76 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 6960975.66 | | A | 4.2 |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6921079.00 | | A | 0.7 |
| 2 | ☐ | 1.000 | | 6985818.23 | | A | 0.6 |
| 3 | ☐ | 1.000 | | 7019977.60 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 6980726.22 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 6793355.80 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 6775103.72 | | A | 1.6 |
| 7 | ☐ | 1.000 | | 6586026.71 | | A | 0.8 |
| 8 | ☐ | 1.000 | | 5967244.36 | | A | 0.3 |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7
ClientSampleId :TUNE007

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | Jaswal |
| **Acq/Data Batch** | D:\Agilent\ICPMH\1\DATA\P7122324MS.b |
| **Acq. Date-Time** | 2024-12-23 10:04:46 |
| **Report Comment** | --- |
| **Instrument Name** | G8403A JP14410463 |

**[No Gas]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 9 | | 7807 | 78072.60 | | | 0.564 | 5.000 |
| 24 | | 246811 | 2468108.82 | | | 0.722 | 5.000 |
| 25 | | 30340 | 303397.03 | | | 0.492 | 5.000 |
| 26 | | 34397 | 343971.65 | | | 0.668 | 5.000 |
| 59 | | 99131 | 991313.99 | | | 0.855 | 5.000 |
| 113 | | 12681 | 126806.55 | | | 0.704 | 5.000 |
| 115 | | 164586 | 1645864.52 | | | 1.145 | 5.000 |
| 206 | | 29974 | 299736.11 | | | 0.409 | 5.000 |
| 207 | | 25980 | 259800.37 | | | 0.593 | 5.000 |
| 208 | | 62521 | 625213.62 | | | 0.641 | 5.000 |
| 220 | | 0 | 2.60 | | | 34.401 | |

| Mass | RSD% (Flag) |
|---|---|
| 9 | |
| 24 | |
| 25 | |
| 26 | |
| 59 | |
| 113 | |
| 115 | |
| 206 | |
| 207 | |
| 208 | |
| 220 | |

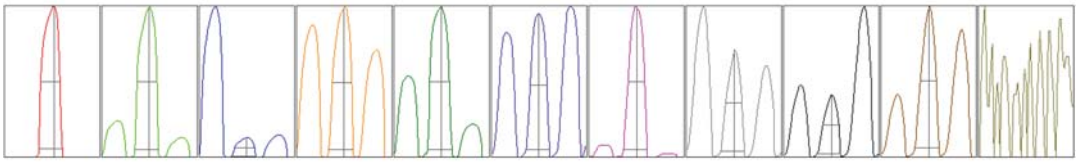
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 7822 | 7761 | 7871 | 7812 | 7771 |
| 24 | 245599 | 249806 | 246568 | 245330 | 246751 |
| 25 | 30322 | 30102 | 30506 | 30403 | 30365 |
| 26 | 34344 | 34021 | 34534 | 34594 | 34493 |
| 59 | 98519 | 100361 | 98302 | 98864 | 99610 |
| 113 | 12795 | 12594 | 12703 | 12725 | 12587 |
| 115 | 166506 | 166646 | 163926 | 163344 | 162511 |
| 206 | 30000 | 29804 | 30103 | 30064 | 29897 |
| 207 | 26145 | 25735 | 26067 | 25964 | 25989 |
| 208 | 62835 | 61924 | 62839 | 62713 | 62296 |

# US EPA Tune Check Report

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 220 | 0 | 0 | 0 | 0 | 0 |

Integration Time [sec] 0.1

**Resolution/Axis**



| Mass | Peak Height | Axis | Axis (Required) | Axis (Flag) |
|---|---|---|---|---|
| 9 | 13938.06 | 9.10 | 8.90 - 9.10 | |
| 24 | 418713.38 | 24.00 | 23.90 - 24.10 | |
| 25 | 52722.64 | 25.00 | 24.90 - 25.10 | |
| 26 | 59555.39 | 26.00 | 25.90 - 26.10 | |
| 59 | 171377.09 | 59.00 | 58.90 - 59.10 | |
| 113 | 24822.11 | 113.00 | 112.90 - 113.10 | |
| 115 | 317927.88 | 115.05 | 114.90 - 115.10 | |
| 206 | 62411.91 | 206.05 | 205.90 - 206.10 | |
| 207 | 53587.97 | 207.05 | 206.90 - 207.10 | |
| 208 | 128552.86 | 208.05 | 207.90 - 208.10 | |
| 220 | | | - | |

| Mass | W-50% | W-5% | W-5% (Required) | W-5% (Flag) |
|---|---|---|---|---|
| 9 | 0.59 | 0.733 | 0.900 | |
| 24 | 0.63 | 0.742 | 0.900 | |
| 25 | 0.61 | 0.757 | 0.900 | |
| 26 | 0.61 | 0.777 | 0.900 | |
| 59 | 0.61 | 0.777 | 0.900 | |
| 113 | 0.52 | 0.741 | 0.900 | |
| 115 | 0.52 | 0.748 | 0.900 | |
| 206 | 0.51 | 0.751 | 0.900 | |
| 207 | 0.51 | 0.729 | 0.900 | |
| 208 | 0.50 | 0.774 | 0.900 | |
| 220 | | | | |

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

**Tune Parameters**

**Plasma Parameters**

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| RF Power | 1600 W | Option Gas | --- | Auxiliary Gas | 0.9 |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 9.0 mm | S/C Temp | 2 °C | | |

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | 0.0 V | Omega Lens | 7.8 V | Deflect | 15.8 V |
| Extract 2 | -135.0 V | Cell Entrance | -30 V | Plate Bias | -35 V |
| Omega Bias | -65 V | Cell Exit | -50 V | | |

**Cell Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | No | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |
| He Flow | 0.0 mL/min | OctP Bias | -8.0 V | | |
| H2 Flow | --- | OctP RF | 180 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 136 | Axis Gain | 0.9973 | QP Bias | -3.0 V |
| Mass Offset | 131 | Axis Offset | 0.17 | | |

**Hardware Settings**

**Torch**

| | | | | | |
|---|---|---|---|---|---|
| Torch H | 0.4 mm | Torch V | 0.4 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.8 mV | Analog HV | 2237 V | Pulse HV | 1013 V |

**[He]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 59 | | 33953 | 339530.58 | | | 0.383 | |
| 89 | | 58512 | 585118.13 | | | 0.434 | |
| 205 | | 35632 | 356316.59 | | | 0.265 | |

| Mass | RSD% (Flag) |
|---|---|
| 59 | |
| 89 | |
| 205 | |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 59 | 34113 | 33943 | 34010 | 33943 | 33756 |
| 89 | 58847 | 58636 | 58510 | 58396 | 58171 |
| 205 | 35749 | 35672 | 35664 | 35562 | 35511 |

Integration Time [sec] 0.1

**Tune Parameters**

**Plasma Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | --- | Nebulizer Gas | 0.82 L/min | Dilution Gas | 0.40 L/min |
| RF Power | 1600 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 9.0 mm | S/C Temp | 2 °C | | |

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | 0.0 V | Omega Lens | 8.9 V | Deflect | 3.8 V |

# US EPA Tune Check Report

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7
ClientSampleId :TUNE007

| | | | | | |
|---|---|---|---|---|---|
| Extract 2 | -145.0 V | Cell Entrance | -40 V | Plate Bias | -60 |
| Omega Bias | -70 V | Cell Exit | -60 V | | |

**Cell Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | Yes | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |
| He Flow | 3.9 mL/min | OctP Bias | -18.0 V | | |
| H2 Flow | --- | OctP RF | 200 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 136 | Axis Gain | 0.9973 | QP Bias | -13.0 V |
| Mass Offset | 131 | Axis Offset | 0.17 | | |

**Hardware Settings**

**Torch**

| | | | | | |
|---|---|---|---|---|---|
| Torch H | 0.4 mm | Torch V | 0.4 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.8 mV | Analog HV | 2237 V | Pulse HV | 1013 V |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 10:59:16 | DataFile Name : | 004CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.06 | 0.07 | -0.01 | 0.00 | N/A | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Arsenic | 75-2 | -0.02 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Barium | 135-1 | 0.00 | 0.00 | -0.01 | 0.00 | N/A | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Beryllium | 9-1 | -0.01 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.01 | 0.00 | -0.01 | 0.00 | N/A | ppb |
| Cadmium | 106-1 | 0.17 | -0.16 | -0.01 | 0.00 | N/A | ppb |
| Cadmium | 111-1 | 0.01 | -0.01 | 0.00 | 0.00 | N/A | ppb |
| Calcium | 43-1 | -0.90 | -0.45 | 1.35 | 0.00 | N/A | ppb |
| Calcium | 44-1 | -0.17 | 0.11 | 0.06 | 0.00 | N/A | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Copper | 63-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | -0.02 | -0.03 | 0.04 | 0.00 | N/A | ppb |
| Iron | 57-2 | -0.26 | 0.44 | -0.17 | 0.00 | N/A | ppb |
| Iron | 54-2 | -0.15 | -0.13 | 0.29 | 0.00 | N/A | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 10:59:16 | DataFile Name : | 004CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Lead | 207-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Lead | 208-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 0.01 | 0.06 | -0.07 | 0.00 | N/A | ppb |
| Manganese | 55-2 | -0.01 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 94-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 95-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 96-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 97-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.00 | 0.01 | -0.01 | 0.00 | N/A | ppb |
| Phosphorus | 31-2 | -16.52 | -14.37 | -16.17 | -15.69 | | ppb |
| Potassium | 39-2 | -0.49 | -0.08 | 0.57 | 0.00 | N/A | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.00 | 0.07 | -0.07 | 0.00 | N/A | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | 0.31 | 0.00 | N/A | ppb |
| Selenium | 78-2 | 0.02 | 1.32 | -1.34 | 0.00 | N/A | ppb |
| Silicon | 28-1 | -0.28 | -0.22 | 0.51 | 0.00 | N/A | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Sodium | 23-2 | 0.23 | 0.30 | -0.54 | 0.00 | N/A | ppb |
| Strontium | 86-1 | -0.07 | -0.40 | 0.47 | 0.00 | N/A | ppb |
| Strontium | 88-1 | 0.01 | 0.01 | -0.02 | 0.00 | N/A | ppb |
| Sulfur | 34-1 | -71.20 | -105.03 | -57.50 | -77.91 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Tin | 118-1 | -0.01 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Titanium | 47-1 | -0.01 | 0.00 | 0.00 | 0.00 | N/A | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 10:59:16 | DataFile Name : | 004CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | -0.03 | 0.00 | 0.02 | 0.00 | N/A | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Zirconium | 91-1 | -0.01 | 0.01 | 0.00 | 0.00 | N/A | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:05:51 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19.39 | 19.85 | 20.44 | 19.89 | 2.65 | ppb |
| Antimony | 121-1 | 2.19 | 2.28 | 2.21 | 2.23 | 1.99 | ppb |
| Arsenic | 75-2 | 1.06 | 1.13 | 1.21 | 1.13 | 6.40 | ppb |
| Barium | 135-1 | 10.74 | 10.67 | 10.78 | 10.73 | 0.51 | ppb |
| Barium | 137-1 | 10.85 | 10.85 | 10.96 | 10.89 | 0.58 | ppb |
| Beryllium | 9-1 | 1.25 | 1.09 | 1.18 | 1.17 | 6.83 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.77 | 1.25 | 1.20 | 1.07 | 24.31 | ppb |
| Cadmium | 106-1 | 1.83 | 0.47 | 0.94 | 1.08 | 63.82 | ppb |
| Cadmium | 111-1 | 1.23 | 1.20 | 1.16 | 1.20 | 3.25 | ppb |
| Calcium | 43-1 | 586.75 | 600.29 | 575.59 | 587.54 | 2.10 | ppb |
| Calcium | 44-1 | 577.85 | 591.05 | 589.97 | 586.29 | 1.25 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.23 | 2.20 | 2.14 | 2.19 | 2.14 | ppb |
| Cobalt | 59-2 | 1.15 | 1.14 | 1.12 | 1.14 | 1.02 | ppb |
| Copper | 63-2 | 2.07 | 2.10 | 2.05 | 2.07 | 1.44 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 56.15 | 56.77 | 56.49 | 56.47 | 0.55 | ppb |
| Iron | 57-2 | 57.77 | 56.91 | 59.82 | 58.17 | 2.56 | ppb |
| Iron | 54-2 | 60.92 | 59.43 | 59.88 | 60.08 | 1.27 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:05:51 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.96 | 1.02 | 1.00 | 0.99 | 3.09 | ppb |
| Lead | 207-1 | 0.96 | 0.98 | 0.99 | 0.98 | 1.50 | ppb |
| Lead | 208-1 | 0.96 | 0.99 | 0.98 | 0.97 | 1.77 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 521.90 | 522.26 | 522.55 | 522.24 | 0.06 | ppb |
| Manganese | 55-2 | 1.06 | 1.16 | 1.09 | 1.11 | 4.31 | ppb |
| Molybdenum | 94-1 | 6.07 | 6.12 | 6.41 | 6.20 | 2.99 | ppb |
| Molybdenum | 95-1 | 5.12 | 5.18 | 5.25 | 5.19 | 1.24 | ppb |
| Molybdenum | 96-1 | 5.33 | 5.28 | 5.51 | 5.37 | 2.27 | ppb |
| Molybdenum | 97-1 | 5.31 | 5.27 | 5.25 | 5.28 | 0.57 | ppb |
| Molybdenum | 98-1 | 5.26 | 5.17 | 5.18 | 5.20 | 0.97 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.13 | 0.99 | 1.14 | 1.09 | 7.71 | ppb |
| Phosphorus | 31-2 | 12.23 | 13.44 | 21.39 | 15.69 | 31.69 | ppb |
| Potassium | 39-2 | 550.16 | 549.24 | 550.86 | 550.09 | 0.15 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 5.72 | 5.38 | 5.57 | 5.56 | 3.08 | ppb |
| Selenium | 77-2 | 6.62 | 5.67 | 6.12 | 6.14 | 7.70 | ppb |
| Selenium | 78-2 | 3.53 | 6.14 | 5.41 | 5.03 | 26.74 | ppb |
| Silicon | 28-1 | 2.35 | 21.23 | 21.17 | 14.92 | 72.99 | ppb |
| Silver | 107-1 | 1.13 | 1.15 | 1.14 | 1.14 | 1.11 | ppb |
| Silver | 109-1 | 1.16 | 1.11 | 1.17 | 1.15 | 3.08 | ppb |
| Sodium | 23-2 | 508.32 | 511.77 | 509.87 | 509.99 | 0.34 | ppb |
| Strontium | 86-1 | 25.25 | 25.44 | 26.87 | 25.85 | 3.43 | ppb |
| Strontium | 88-1 | 26.93 | 26.23 | 26.51 | 26.55 | 1.32 | ppb |
| Sulfur | 34-1 | -44.19 | 127.45 | 150.46 | 77.91 | 136.52 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.97 | 0.95 | 0.99 | 0.97 | 2.11 | ppb |
| Thallium | 205-1 | 0.95 | 0.93 | 0.99 | 0.96 | 2.88 | ppb |
| Tin | 118-1 | 5.64 | 5.68 | 5.58 | 5.63 | 0.81 | ppb |
| Titanium | 47-1 | 5.53 | 5.27 | 5.36 | 5.39 | 2.43 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:05:51 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.88 | 0.91 | 0.89 | 0.89 | 1.82 | ppb |
| Vanadium | 51-2 | 5.44 | 5.42 | 5.44 | 5.43 | 0.26 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 5.33 | 5.60 | 5.28 | 5.40 | 3.20 | ppb |
| Zirconium | 90-1 | 1.02 | 1.03 | 1.03 | 1.03 | 0.43 | ppb |
| Zirconium | 91-1 | 0.98 | 1.05 | 1.06 | 1.03 | 4.17 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:09:06 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 978.26 | 973.48 | 963.60 | 971.78 | 0.77 | ppb |
| Antimony | 121-1 | 50.63 | 51.35 | 51.68 | 51.22 | 1.04 | ppb |
| Arsenic | 75-2 | 53.61 | 54.11 | 53.53 | 53.75 | 0.58 | ppb |
| Barium | 135-1 | 248.80 | 252.55 | 251.66 | 251.00 | 0.78 | ppb |
| Barium | 137-1 | 251.14 | 255.37 | 255.13 | 253.88 | 0.94 | ppb |
| Beryllium | 9-1 | 53.90 | 54.36 | 55.32 | 54.53 | 1.33 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 54.86 | 55.33 | 56.75 | 55.65 | 1.76 | ppb |
| Cadmium | 106-1 | 54.39 | 56.67 | 57.60 | 56.22 | 2.94 | ppb |
| Cadmium | 111-1 | 53.06 | 53.96 | 54.49 | 53.84 | 1.34 | ppb |
| Calcium | 43-1 | 5446.16 | 5453.18 | 5432.50 | 5443.95 | 0.19 | ppb |
| Calcium | 44-1 | 5170.14 | 5122.18 | 5083.82 | 5125.38 | 0.84 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 51.36 | 50.70 | 50.09 | 50.72 | 1.26 | ppb |
| Cobalt | 59-2 | 50.55 | 50.19 | 49.92 | 50.22 | 0.63 | ppb |
| Copper | 63-2 | 528.81 | 520.05 | 518.32 | 522.39 | 1.08 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 2572.09 | 2563.10 | 2538.68 | 2557.96 | 0.68 | ppb |
| Iron | 57-2 | 2646.55 | 2628.32 | 2622.21 | 2632.36 | 0.48 | ppb |
| Iron | 54-2 | 2716.25 | 2678.70 | 2679.26 | 2691.40 | 0.80 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:09:06 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 245.53 | 245.73 | 243.49 | 244.92 | 0.51 | ppb |
| Lead | 207-1 | 246.76 | 244.69 | 248.03 | 246.50 | 0.68 | ppb |
| Lead | 208-1 | 245.71 | 247.13 | 246.30 | 246.38 | 0.29 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 4693.78 | 4723.98 | 4684.85 | 4700.87 | 0.44 | ppb |
| Manganese | 55-2 | 498.66 | 499.37 | 493.78 | 497.27 | 0.61 | ppb |
| Molybdenum | 94-1 | 495.47 | 499.16 | 502.83 | 499.15 | 0.74 | ppb |
| Molybdenum | 95-1 | 498.54 | 491.98 | 506.72 | 499.08 | 1.48 | ppb |
| Molybdenum | 96-1 | 495.62 | 496.51 | 507.46 | 499.86 | 1.32 | ppb |
| Molybdenum | 97-1 | 498.68 | 500.65 | 508.48 | 502.60 | 1.03 | ppb |
| Molybdenum | 98-1 | 493.18 | 493.40 | 508.85 | 498.48 | 1.80 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 51.15 | 51.25 | 50.46 | 50.95 | 0.84 | ppb |
| Phosphorus | 31-2 | 1031.47 | 1018.43 | 1044.03 | 1031.31 | 1.24 | ppb |
| Potassium | 39-2 | 2554.76 | 2543.07 | 2457.54 | 2518.46 | 2.11 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 51.42 | 52.64 | 52.68 | 52.25 | 1.37 | ppb |
| Selenium | 77-2 | 49.06 | 56.01 | 54.43 | 53.17 | 6.86 | ppb |
| Selenium | 78-2 | 52.86 | 54.17 | 56.01 | 54.35 | 2.91 | ppb |
| Silicon | 28-1 | 71.99 | 69.80 | 71.65 | 71.15 | 1.66 | ppb |
| Silver | 107-1 | 54.37 | 55.23 | 55.34 | 54.98 | 0.97 | ppb |
| Silver | 109-1 | 53.37 | 53.80 | 54.60 | 53.92 | 1.15 | ppb |
| Sodium | 23-2 | 4967.74 | 4975.96 | 4866.45 | 4936.72 | 1.24 | ppb |
| Strontium | 86-1 | 1226.77 | 1236.32 | 1237.35 | 1233.48 | 0.47 | ppb |
| Strontium | 88-1 | 1224.71 | 1244.48 | 1252.92 | 1240.70 | 1.17 | ppb |
| Sulfur | 34-1 | 1056.54 | 1073.15 | 1143.11 | 1090.93 | 4.21 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 45.21 | 45.74 | 46.30 | 45.75 | 1.20 | ppb |
| Thallium | 205-1 | 44.82 | 45.22 | 45.95 | 45.33 | 1.26 | ppb |
| Tin | 118-1 | 50.96 | 51.94 | 52.09 | 51.66 | 1.19 | ppb |
| Titanium | 47-1 | 501.37 | 499.39 | 502.40 | 501.05 | 0.30 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:09:06 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 42.51 | 43.03 | 43.82 | 43.12 | 1.53 | ppb |
| Vanadium | 51-2 | 50.61 | 50.37 | 49.91 | 50.30 | 0.71 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 500.52 | 491.59 | 491.33 | 494.48 | 1.06 | ppb |
| Zirconium | 90-1 | 48.58 | 48.72 | 49.03 | 48.78 | 0.47 | ppb |
| Zirconium | 91-1 | 48.73 | 49.61 | 49.95 | 49.43 | 1.27 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:12:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2423.88 | 2468.64 | 2480.70 | 2457.74 | 1.22 | ppb |
| Antimony | 121-1 | 132.60 | 132.26 | 132.50 | 132.45 | 0.13 | ppb |
| Arsenic | 75-2 | 133.66 | 133.29 | 134.49 | 133.81 | 0.46 | ppb |
| Barium | 135-1 | 655.90 | 667.25 | 660.56 | 661.24 | 0.86 | ppb |
| Barium | 137-1 | 666.20 | 673.15 | 664.00 | 667.78 | 0.72 | ppb |
| Beryllium | 9-1 | 134.51 | 138.24 | 132.33 | 135.03 | 2.21 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 138.39 | 138.13 | 137.82 | 138.11 | 0.20 | ppb |
| Cadmium | 106-1 | 138.77 | 140.55 | 139.07 | 139.46 | 0.68 | ppb |
| Cadmium | 111-1 | 133.74 | 135.52 | 133.45 | 134.24 | 0.84 | ppb |
| Calcium | 43-1 | 13619.93 | 13538.18 | 13876.97 | 13678.36 | 1.29 | ppb |
| Calcium | 44-1 | 12951.14 | 12964.57 | 12936.96 | 12950.89 | 0.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 127.24 | 128.35 | 128.96 | 128.18 | 0.68 | ppb |
| Cobalt | 59-2 | 125.47 | 127.47 | 127.28 | 126.74 | 0.87 | ppb |
| Copper | 63-2 | 1275.97 | 1299.68 | 1327.22 | 1300.95 | 1.97 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 6442.29 | 6578.09 | 6474.88 | 6498.42 | 1.09 | ppb |
| Iron | 57-2 | 6560.70 | 6698.31 | 6670.40 | 6643.14 | 1.10 | ppb |
| Iron | 54-2 | 6559.35 | 6710.17 | 6674.13 | 6647.88 | 1.18 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:12:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 631.45 | 615.88 | 625.91 | 624.41 | 1.26 | ppb |
| Lead | 207-1 | 631.76 | 625.56 | 628.65 | 628.66 | 0.49 | ppb |
| Lead | 208-1 | 626.69 | 621.01 | 625.42 | 624.37 | 0.48 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 11701.54 | 11819.62 | 11806.81 | 11775.99 | 0.55 | ppb |
| Manganese | 55-2 | 1248.19 | 1267.89 | 1262.30 | 1259.46 | 0.81 | ppb |
| Molybdenum | 94-1 | 1266.19 | 1251.27 | 1258.76 | 1258.74 | 0.59 | ppb |
| Molybdenum | 95-1 | 1261.09 | 1249.83 | 1252.22 | 1254.38 | 0.47 | ppb |
| Molybdenum | 96-1 | 1260.94 | 1259.78 | 1272.69 | 1264.47 | 0.56 | ppb |
| Molybdenum | 97-1 | 1273.23 | 1244.00 | 1247.58 | 1254.93 | 1.27 | ppb |
| Molybdenum | 98-1 | 1265.09 | 1248.21 | 1254.19 | 1255.83 | 0.68 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 127.27 | 127.75 | 129.12 | 128.04 | 0.75 | ppb |
| Phosphorus | 31-2 | 2621.37 | 2611.49 | 2634.02 | 2622.29 | 0.43 | ppb |
| Potassium | 39-2 | 6253.70 | 6341.49 | 6316.98 | 6304.06 | 0.72 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 133.00 | 130.73 | 131.58 | 131.77 | 0.87 | ppb |
| Selenium | 77-2 | 129.95 | 132.30 | 130.00 | 130.75 | 1.03 | ppb |
| Selenium | 78-2 | 138.64 | 129.98 | 135.76 | 134.79 | 3.27 | ppb |
| Silicon | 28-1 | 150.54 | 151.92 | 152.27 | 151.58 | 0.61 | ppb |
| Silver | 107-1 | 140.71 | 139.48 | 138.88 | 139.69 | 0.67 | ppb |
| Silver | 109-1 | 141.12 | 141.65 | 136.42 | 139.73 | 2.06 | ppb |
| Sodium | 23-2 | 12542.87 | 12519.66 | 12615.93 | 12559.49 | 0.40 | ppb |
| Strontium | 86-1 | 3087.41 | 3087.83 | 3098.83 | 3091.35 | 0.21 | ppb |
| Strontium | 88-1 | 3192.98 | 3138.41 | 3155.89 | 3162.43 | 0.88 | ppb |
| Sulfur | 34-1 | 2615.79 | 2641.96 | 2671.47 | 2643.07 | 1.05 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 114.17 | 114.35 | 115.74 | 114.75 | 0.75 | ppb |
| Thallium | 205-1 | 123.45 | 123.51 | 124.00 | 123.65 | 0.24 | ppb |
| Tin | 118-1 | 129.22 | 129.70 | 128.96 | 129.29 | 0.29 | ppb |
| Titanium | 47-1 | 1253.63 | 1258.85 | 1275.73 | 1262.74 | 0.91 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:12:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 119.18 | 117.49 | 119.99 | 118.89 | 1.07 | ppb |
| Vanadium | 51-2 | 126.13 | 128.60 | 127.73 | 127.49 | 0.98 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 1241.39 | 1255.65 | 1259.77 | 1252.27 | 0.77 | ppb |
| Zirconium | 90-1 | 125.88 | 122.94 | 126.72 | 125.18 | 1.59 | ppb |
| Zirconium | 91-1 | 123.86 | 123.74 | 124.67 | 124.09 | 0.41 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:14:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4756.29 | 4820.85 | 4835.90 | 4804.35 | 0.88 | ppb |
| Antimony | 121-1 | 247.69 | 255.32 | 260.18 | 254.40 | 2.47 | ppb |
| Arsenic | 75-2 | 254.07 | 256.25 | 253.86 | 254.73 | 0.52 | ppb |
| Barium | 135-1 | 1229.27 | 1277.93 | 1269.39 | 1258.86 | 2.06 | ppb |
| Barium | 137-1 | 1222.20 | 1276.01 | 1286.86 | 1261.69 | 2.74 | ppb |
| Beryllium | 9-1 | 247.64 | 250.76 | 255.83 | 251.41 | 1.65 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 255.05 | 263.91 | 263.78 | 260.91 | 1.95 | ppb |
| Cadmium | 106-1 | 254.53 | 265.95 | 264.94 | 261.81 | 2.42 | ppb |
| Cadmium | 111-1 | 246.91 | 257.25 | 256.13 | 253.43 | 2.24 | ppb |
| Calcium | 43-1 | 25783.20 | 26913.01 | 26883.92 | 26526.71 | 2.43 | ppb |
| Calcium | 44-1 | 24683.71 | 25542.76 | 25444.32 | 25223.60 | 1.86 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 248.10 | 249.61 | 249.47 | 249.06 | 0.33 | ppb |
| Cobalt | 59-2 | 251.00 | 253.27 | 248.72 | 250.99 | 0.91 | ppb |
| Copper | 63-2 | 2521.03 | 2553.80 | 2528.49 | 2534.44 | 0.68 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 88 | | % |
| Iron | 56-2 | 12761.22 | 12869.38 | 12708.32 | 12779.64 | 0.64 | ppb |
| Iron | 57-2 | 12756.31 | 13165.12 | 13112.54 | 13011.32 | 1.71 | ppb |
| Iron | 54-2 | 13061.19 | 12939.35 | 13082.92 | 13027.82 | 0.59 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:14:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1175.36 | 1232.61 | 1225.96 | 1211.31 | 2.58 | ppb |
| Lead | 207-1 | 1179.29 | 1220.17 | 1239.29 | 1212.92 | 2.53 | ppb |
| Lead | 208-1 | 1181.56 | 1229.39 | 1234.59 | 1215.18 | 2.41 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 23205.57 | 23341.09 | 23401.54 | 23316.06 | 0.43 | ppb |
| Manganese | 55-2 | 2487.85 | 2491.98 | 2513.44 | 2497.76 | 0.55 | ppb |
| Molybdenum | 94-1 | 2376.13 | 2524.92 | 2476.58 | 2459.21 | 3.09 | ppb |
| Molybdenum | 95-1 | 2381.37 | 2526.76 | 2495.53 | 2467.89 | 3.10 | ppb |
| Molybdenum | 96-1 | 2386.42 | 2529.96 | 2488.03 | 2468.14 | 2.99 | ppb |
| Molybdenum | 97-1 | 2354.26 | 2492.90 | 2498.32 | 2448.49 | 3.33 | ppb |
| Molybdenum | 98-1 | 2368.49 | 2510.43 | 2502.06 | 2460.32 | 3.24 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 245.84 | 247.73 | 246.59 | 246.72 | 0.39 | ppb |
| Phosphorus | 31-2 | 4962.50 | 5054.96 | 5010.11 | 5009.19 | 0.92 | ppb |
| Potassium | 39-2 | 12049.07 | 12170.15 | 12231.56 | 12150.26 | 0.76 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 88 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 85 | | % |
| Selenium | 82-1 | 246.72 | 257.21 | 259.34 | 254.43 | 2.66 | ppb |
| Selenium | 77-2 | 250.58 | 257.37 | 266.51 | 258.15 | 3.10 | ppb |
| Selenium | 78-2 | 261.38 | 253.22 | 253.54 | 256.05 | 1.81 | ppb |
| Silicon | 28-1 | 268.04 | 289.31 | 284.73 | 280.69 | 3.99 | ppb |
| Silver | 107-1 | 259.90 | 269.55 | 266.61 | 265.35 | 1.86 | ppb |
| Silver | 109-1 | 259.71 | 266.74 | 263.74 | 263.40 | 1.34 | ppb |
| Sodium | 23-2 | 24422.23 | 24720.84 | 24927.79 | 24690.29 | 1.03 | ppb |
| Strontium | 86-1 | 5811.05 | 6116.13 | 6117.79 | 6014.99 | 2.94 | ppb |
| Strontium | 88-1 | 5928.44 | 6203.81 | 6087.83 | 6073.36 | 2.28 | ppb |
| Sulfur | 34-1 | 4670.08 | 5143.11 | 5102.41 | 4971.86 | 5.27 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 96 | | % |
| Thallium | 203-1 | 236.40 | 242.06 | 243.52 | 240.66 | 1.56 | ppb |
| Thallium | 205-1 | 235.67 | 244.54 | 242.13 | 240.78 | 1.90 | ppb |
| Tin | 118-1 | 250.09 | 256.51 | 251.23 | 252.61 | 1.36 | ppb |
| Titanium | 47-1 | 2394.86 | 2486.50 | 2530.51 | 2470.62 | 2.80 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:14:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 224.43 | 235.24 | 234.13 | 231.27 | 2.57 | ppb |
| Vanadium | 51-2 | 248.35 | 247.55 | 248.23 | 248.04 | 0.17 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 87 | | % |
| Zinc | 66-2 | 2507.63 | 2545.50 | 2563.62 | 2538.92 | 1.13 | ppb |
| Zirconium | 90-1 | 238.96 | 250.19 | 247.08 | 245.41 | 2.36 | ppb |
| Zirconium | 91-1 | 234.31 | 246.48 | 248.20 | 243.00 | 3.12 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:17:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9751.88 | 9706.99 | 9614.23 | 9691.03 | 0.72 | ppb |
| Antimony | 121-1 | 526.54 | 501.39 | 498.62 | 508.85 | 3.02 | ppb |
| Arsenic | 75-2 | 498.62 | 503.05 | 501.98 | 501.22 | 0.46 | ppb |
| Barium | 135-1 | 2647.20 | 2482.66 | 2506.93 | 2545.59 | 3.49 | ppb |
| Barium | 137-1 | 2630.74 | 2477.87 | 2499.47 | 2536.03 | 3.26 | ppb |
| Beryllium | 9-1 | 523.66 | 490.10 | 504.37 | 506.04 | 3.33 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 533.71 | 506.27 | 510.24 | 516.74 | 2.87 | ppb |
| Cadmium | 106-1 | 532.83 | 506.20 | 503.75 | 514.26 | 3.14 | ppb |
| Cadmium | 111-1 | 517.20 | 493.20 | 491.13 | 500.51 | 2.90 | ppb |
| Calcium | 43-1 | 54397.87 | 51435.51 | 52643.61 | 52825.66 | 2.82 | ppb |
| Calcium | 44-1 | 54164.15 | 51663.82 | 51761.84 | 52529.94 | 2.70 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 501.68 | 502.02 | 501.24 | 501.65 | 0.08 | ppb |
| Cobalt | 59-2 | 506.53 | 500.71 | 504.04 | 503.76 | 0.58 | ppb |
| Copper | 63-2 | 5091.34 | 5072.07 | 5033.63 | 5065.68 | 0.58 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 96 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 86 | | % |
| Indium | 115-2 | | | | 86 | | % |
| Iron | 56-2 | 25848.64 | 25603.56 | 25860.25 | 25770.81 | 0.56 | ppb |
| Iron | 57-2 | 26171.12 | 25592.50 | 25610.96 | 25791.53 | 1.28 | ppb |
| Iron | 54-2 | 26298.08 | 25885.28 | 26215.65 | 26133.00 | 0.84 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:17:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2629.27 | 2500.95 | 2458.27 | 2529.49 | 3.52 | ppb |
| Lead | 207-1 | 2625.11 | 2512.21 | 2464.29 | 2533.87 | 3.26 | ppb |
| Lead | 208-1 | 2607.62 | 2517.24 | 2457.64 | 2527.50 | 2.99 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 46977.57 | 46638.62 | 46671.62 | 46762.60 | 0.40 | ppb |
| Manganese | 55-2 | 5031.60 | 5000.34 | 5054.88 | 5028.94 | 0.54 | ppb |
| Molybdenum | 94-1 | 5242.10 | 5000.86 | 5016.92 | 5086.63 | 2.65 | ppb |
| Molybdenum | 95-1 | 5254.57 | 4988.95 | 5005.93 | 5083.15 | 2.93 | ppb |
| Molybdenum | 96-1 | 5299.78 | 5019.87 | 4965.05 | 5094.90 | 3.52 | ppb |
| Molybdenum | 97-1 | 5295.18 | 4960.76 | 4965.60 | 5073.85 | 3.78 | ppb |
| Molybdenum | 98-1 | 5275.81 | 4989.21 | 4954.47 | 5073.17 | 3.48 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 488.76 | 491.25 | 488.35 | 489.45 | 0.32 | ppb |
| Phosphorus | 31-2 | 9980.45 | 10126.93 | 10061.31 | 10056.23 | 0.73 | ppb |
| Potassium | 39-2 | 24671.57 | 24561.64 | 24500.69 | 24577.96 | 0.35 | ppb |
| Rhodium | 103-1 | | | | 84 | | % |
| Rhodium | 103-2 | | | | 85 | | % |
| Scandium | 45-1 | | | | 84 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 535.58 | 505.44 | 507.25 | 516.09 | 3.27 | ppb |
| Selenium | 77-2 | 494.98 | 495.04 | 512.66 | 500.89 | 2.03 | ppb |
| Selenium | 78-2 | 505.45 | 503.73 | 503.61 | 504.26 | 0.21 | ppb |
| Silicon | 28-1 | 542.91 | 514.11 | 518.35 | 525.12 | 2.96 | ppb |
| Silver | 107-1 | 540.54 | 509.12 | 502.18 | 517.28 | 3.95 | ppb |
| Silver | 109-1 | 538.25 | 505.65 | 505.67 | 516.52 | 3.64 | ppb |
| Sodium | 23-2 | 49857.89 | 49422.72 | 49450.10 | 49576.91 | 0.49 | ppb |
| Strontium | 86-1 | 13394.70 | 12465.17 | 12389.62 | 12749.83 | 4.39 | ppb |
| Strontium | 88-1 | 13204.95 | 12476.07 | 12574.72 | 12751.91 | 3.10 | ppb |
| Sulfur | 34-1 | 10780.55 | 9938.94 | 10053.84 | 10257.77 | 4.45 | ppb |
| Terbium | 159-1 | | | | 95 | | % |
| Terbium | 159-2 | | | | 96 | | % |
| Thallium | 203-1 | 523.78 | 496.90 | 496.78 | 505.82 | 3.07 | ppb |
| Thallium | 205-1 | 520.97 | 504.98 | 488.62 | 504.86 | 3.20 | ppb |
| Tin | 118-1 | 533.62 | 500.71 | 500.29 | 511.54 | 3.74 | ppb |
| Titanium | 47-1 | 5178.21 | 4955.57 | 5055.73 | 5063.17 | 2.20 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:17:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 515.48 | 496.28 | 491.70 | 501.15 | 2.52 | ppb |
| Vanadium | 51-2 | 499.42 | 501.58 | 495.49 | 498.83 | 0.62 | ppb |
| Yttrium | 89-1 | | | | 87 | | % |
| Yttrium | 89-2 | | | | 86 | | % |
| Zinc | 66-2 | 5107.12 | 5102.03 | 5091.96 | 5100.37 | 0.15 | ppb |
| Zirconium | 90-1 | 520.29 | 500.84 | 502.88 | 508.01 | 2.10 | ppb |
| Zirconium | 91-1 | 517.39 | 502.95 | 500.21 | 506.85 | 1.82 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:20:30 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19422.13 | 19059.23 | 19156.96 | 19212.77 | 0.98 | ppb |
| Antimony | 121-1 | 990.74 | 1001.72 | 987.98 | 993.48 | 0.73 | ppb |
| Arsenic | 75-2 | 993.90 | 999.63 | 997.23 | 996.92 | 0.29 | ppb |
| Barium | 135-1 | 4990.43 | 4974.58 | 4946.21 | 4970.41 | 0.45 | ppb |
| Barium | 137-1 | 5023.50 | 4980.33 | 4916.74 | 4973.52 | 1.08 | ppb |
| Beryllium | 9-1 | 995.78 | 985.75 | 1003.91 | 995.15 | 0.91 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 980.86 | 986.51 | 993.57 | 986.98 | 0.65 | ppb |
| Cadmium | 106-1 | 979.25 | 989.06 | 995.09 | 987.80 | 0.81 | ppb |
| Cadmium | 111-1 | 999.60 | 991.65 | 1001.37 | 997.54 | 0.52 | ppb |
| Calcium | 43-1 | 101811.21 | 102683.34 | 102884.95 | 102459.83 | 0.56 | ppb |
| Calcium | 44-1 | 101698.61 | 102677.89 | 102669.31 | 102348.60 | 0.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1004.08 | 998.42 | 994.43 | 998.98 | 0.49 | ppb |
| Cobalt | 59-2 | 1000.22 | 991.29 | 1001.41 | 997.64 | 0.55 | ppb |
| Copper | 63-2 | 10056.02 | 9916.05 | 9881.11 | 9951.06 | 0.93 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 86 | | % |
| Indium | 115-2 | | | | 84 | | % |
| Iron | 56-2 | 51426.72 | 51663.97 | 50948.54 | 51346.41 | 0.71 | ppb |
| Iron | 57-2 | 50928.65 | 51136.85 | 51391.55 | 51152.35 | 0.45 | ppb |
| Iron | 54-2 | 51561.85 | 51655.24 | 52028.74 | 51748.61 | 0.48 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:20:30 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5007.38 | 4978.88 | 4999.50 | 4995.25 | 0.29 | ppb |
| Lead | 207-1 | 4983.01 | 4959.50 | 5033.66 | 4992.05 | 0.76 | ppb |
| Lead | 208-1 | 5007.17 | 4955.58 | 5022.89 | 4995.21 | 0.70 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 93129.46 | 92576.83 | 92395.34 | 92700.54 | 0.41 | ppb |
| Manganese | 55-2 | 10024.19 | 10026.53 | 9904.42 | 9985.05 | 0.70 | ppb |
| Molybdenum | 94-1 | 9902.33 | 10022.13 | 9973.05 | 9965.84 | 0.60 | ppb |
| Molybdenum | 95-1 | 9881.63 | 9992.85 | 10023.36 | 9965.95 | 0.75 | ppb |
| Molybdenum | 96-1 | 9926.49 | 10003.20 | 9946.45 | 9958.71 | 0.40 | ppb |
| Molybdenum | 97-1 | 9937.13 | 9885.91 | 10102.58 | 9975.21 | 1.14 | ppb |
| Molybdenum | 98-1 | 9903.92 | 9955.48 | 10058.65 | 9972.68 | 0.79 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 992.75 | 1016.31 | 1007.95 | 1005.67 | 1.19 | ppb |
| Phosphorus | 31-2 | 20107.87 | 19848.50 | 19901.85 | 19952.74 | 0.69 | ppb |
| Potassium | 39-2 | 48940.09 | 49282.68 | 48735.53 | 48986.10 | 0.56 | ppb |
| Rhodium | 103-1 | | | | 83 | | % |
| Rhodium | 103-2 | | | | 84 | | % |
| Scandium | 45-1 | | | | 85 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 985.02 | 993.65 | 990.99 | 989.89 | 0.45 | ppb |
| Selenium | 77-2 | 988.69 | 1000.77 | 1000.44 | 996.63 | 0.69 | ppb |
| Selenium | 78-2 | 998.32 | 994.82 | 991.61 | 994.92 | 0.34 | ppb |
| Silicon | 28-1 | 980.45 | 974.38 | 971.19 | 975.34 | 0.48 | ppb |
| Silver | 107-1 | 986.56 | 988.49 | 981.25 | 985.44 | 0.38 | ppb |
| Silver | 109-1 | 985.96 | 987.61 | 985.48 | 986.35 | 0.11 | ppb |
| Sodium | 23-2 | 98385.31 | 98733.04 | 98753.07 | 98623.81 | 0.21 | ppb |
| Strontium | 86-1 | 24781.63 | 24988.07 | 25046.90 | 24938.87 | 0.56 | ppb |
| Strontium | 88-1 | 24807.99 | 24855.67 | 25078.31 | 24913.99 | 0.58 | ppb |
| Sulfur | 34-1 | 19805.76 | 19853.16 | 19908.23 | 19855.72 | 0.26 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 96 | | % |
| Thallium | 203-1 | 1001.37 | 1000.05 | 1001.33 | 1000.92 | 0.08 | ppb |
| Thallium | 205-1 | 1002.68 | 997.56 | 1000.60 | 1000.28 | 0.26 | ppb |
| Tin | 118-1 | 991.40 | 989.24 | 998.23 | 992.96 | 0.47 | ppb |
| Titanium | 47-1 | 9956.15 | 9941.40 | 10024.79 | 9974.11 | 0.45 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:20:30 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1009.07 | 997.32 | 1009.26 | 1005.22 | 0.68 | ppb |
| Vanadium | 51-2 | 1008.80 | 997.67 | 995.77 | 1000.75 | 0.70 | ppb |
| Yttrium | 89-1 | | | | 88 | | % |
| Yttrium | 89-2 | | | | 86 | | % |
| Zinc | 66-2 | 10059.78 | 9926.23 | 9834.23 | 9940.08 | 1.14 | ppb |
| Zirconium | 90-1 | 995.27 | 991.65 | 1004.63 | 997.18 | 0.67 | ppb |
| Zirconium | 91-1 | 998.70 | 989.68 | 1007.03 | 998.47 | 0.87 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:23:17 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 100056.97 | 99640.34 | 100901.08 | 100199.46 | 0.64 | ppb |
| Antimony | 121-1 | 0.64 | 0.63 | 0.57 | 0.61 | 6.36 | ppb |
| Arsenic | 75-2 | 0.64 | 0.61 | 0.53 | 0.59 | 9.38 | ppb |
| Barium | 135-1 | 2.89 | 2.69 | 2.45 | 2.68 | 8.39 | ppb |
| Barium | 137-1 | 2.81 | 2.79 | 2.50 | 2.70 | 6.41 | ppb |
| Beryllium | 9-1 | 0.36 | 0.31 | 0.31 | 0.32 | 8.09 | ppb |
| Bismuth | 209-1 | | | | 88 | | % |
| Bismuth | 209-2 | | | | 86 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.43 | 0.71 | 0.43 | 0.52 | 31.24 | ppb |
| Cadmium | 106-1 | -1.02 | -0.25 | -0.60 | -0.62 | | ppb |
| Cadmium | 111-1 | 0.22 | 0.23 | 0.21 | 0.22 | 4.75 | ppb |
| Calcium | 43-1 | 470444.93 | 517213.20 | 509687.30 | 499115.15 | 5.03 | ppb |
| Calcium | 44-1 | 473953.28 | 512752.71 | 511054.49 | 499253.49 | 4.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1.30 | 1.22 | 1.28 | 1.27 | 3.25 | ppb |
| Cobalt | 59-2 | 2.46 | 2.48 | 2.54 | 2.49 | 1.83 | ppb |
| Copper | 63-2 | 1.95 | 1.77 | 1.70 | 1.80 | 7.11 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 95 | | % |
| Holmium | 165-2 | | | | 96 | | % |
| Indium | 115-1 | | | | 85 | | % |
| Indium | 115-2 | | | | 85 | | % |
| Iron | 56-2 | 249046.45 | 249758.50 | 250093.63 | 249632.86 | 0.21 | ppb |
| Iron | 57-2 | 248166.08 | 249116.92 | 251677.97 | 249653.66 | 0.73 | ppb |
| Iron | 54-2 | 248371.34 | 251217.33 | 248907.51 | 249498.72 | 0.61 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:23:17 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.85 | 1.65 | 1.47 | 1.66 | 11.64 | ppb |
| Lead | 207-1 | 1.82 | 1.70 | 1.52 | 1.68 | 9.02 | ppb |
| Lead | 208-1 | 1.83 | 1.66 | 1.47 | 1.65 | 10.96 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 502102.86 | 502054.27 | 501509.57 | 501888.90 | 0.07 | ppb |
| Manganese | 55-2 | 5.11 | 4.46 | 4.26 | 4.61 | 9.67 | ppb |
| Molybdenum | 94-1 | 4.14 | 3.76 | 3.17 | 3.69 | 13.30 | ppb |
| Molybdenum | 95-1 | 3.27 | 2.79 | 2.23 | 2.76 | 18.88 | ppb |
| Molybdenum | 96-1 | 4.91 | 4.48 | 3.88 | 4.43 | 11.69 | ppb |
| Molybdenum | 97-1 | 3.13 | 2.80 | 2.26 | 2.73 | 16.17 | ppb |
| Molybdenum | 98-1 | 3.11 | 2.71 | 2.19 | 2.67 | 17.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 3.17 | 3.30 | 3.13 | 3.20 | 2.84 | ppb |
| Phosphorus | 31-2 | -4.23 | -8.79 | -10.47 | -7.83 | | ppb |
| Potassium | 39-2 | 249481.06 | 250188.45 | 251113.00 | 250260.83 | 0.33 | ppb |
| Rhodium | 103-1 | | | | 80 | | % |
| Rhodium | 103-2 | | | | 80 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.88 | 0.98 | 1.06 | 0.97 | 9.42 | ppb |
| Selenium | 77-2 | -0.16 | 0.02 | 0.02 | -0.04 | | ppb |
| Selenium | 78-2 | -1.22 | -0.94 | -1.39 | -1.18 | | ppb |
| Silicon | 28-1 | -2.25 | 2.65 | 1.43 | 0.61 | 420.07 | ppb |
| Silver | 107-1 | 0.31 | 0.27 | 0.22 | 0.27 | 17.62 | ppb |
| Silver | 109-1 | 0.30 | 0.27 | 0.22 | 0.26 | 16.25 | ppb |
| Sodium | 23-2 | 495608.51 | 502215.58 | 503172.42 | 500332.17 | 0.82 | ppb |
| Strontium | 86-1 | 70.65 | 77.07 | 73.36 | 73.70 | 4.37 | ppb |
| Strontium | 88-1 | 74.37 | 76.65 | 75.89 | 75.64 | 1.54 | ppb |
| Sulfur | 34-1 | -659.34 | -371.62 | -292.20 | -441.06 | | ppb |
| Terbium | 159-1 | | | | 94 | | % |
| Terbium | 159-2 | | | | 95 | | % |
| Thallium | 203-1 | 0.27 | 0.21 | 0.19 | 0.22 | 18.07 | ppb |
| Thallium | 205-1 | 0.26 | 0.22 | 0.18 | 0.22 | 17.49 | ppb |
| Tin | 118-1 | 0.41 | 0.40 | 0.33 | 0.38 | 11.49 | ppb |
| Titanium | 47-1 | 3.12 | 2.72 | 2.17 | 2.67 | 17.76 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:23:17 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.26 | 0.22 | 0.17 | 0.22 | 21.98 | ppb |
| Vanadium | 51-2 | 0.22 | 0.21 | 0.20 | 0.21 | 4.93 | ppb |
| Yttrium | 89-1 | | | | 88 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 6.99 | 6.82 | 6.81 | 6.87 | 1.45 | ppb |
| Zirconium | 90-1 | 0.73 | 0.73 | 0.66 | 0.71 | 6.09 | ppb |
| Zirconium | 91-1 | 0.76 | 0.72 | 0.66 | 0.71 | 7.13 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICV007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:06:59 | DataFile Name : | 017ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 477.31 | 474.07 | 474.05 | 475.15 | 0.40 | ppb |
| Antimony | 121-1 | 212.53 | 210.86 | 215.03 | 212.81 | 0.99 | ppb |
| Arsenic | 75-2 | 215.17 | 218.71 | 218.60 | 217.49 | 0.92 | ppb |
| Barium | 135-1 | 99.82 | 100.43 | 100.89 | 100.38 | 0.53 | ppb |
| Barium | 137-1 | 101.33 | 101.86 | 102.31 | 101.83 | 0.48 | ppb |
| Beryllium | 9-1 | 106.22 | 109.98 | 105.39 | 107.20 | 2.28 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 95.73 | 97.55 | 100.45 | 97.91 | 2.43 | ppb |
| Cadmium | 106-1 | 94.30 | 93.66 | 96.55 | 94.84 | 1.60 | ppb |
| Cadmium | 111-1 | 107.66 | 107.22 | 108.49 | 107.79 | 0.60 | ppb |
| Calcium | 43-1 | 2100.13 | 2098.90 | 2092.76 | 2097.26 | 0.19 | ppb |
| Calcium | 44-1 | 2114.85 | 2131.20 | 2109.10 | 2118.38 | 0.54 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 103.25 | 103.53 | 104.62 | 103.80 | 0.70 | ppb |
| Cobalt | 59-2 | 102.30 | 102.02 | 102.77 | 102.36 | 0.37 | ppb |
| Copper | 63-2 | 97.46 | 96.99 | 97.52 | 97.32 | 0.30 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 2025.65 | 2012.69 | 2041.12 | 2026.49 | 0.70 | ppb |
| Iron | 57-2 | 2085.50 | 2089.97 | 2076.00 | 2083.82 | 0.34 | ppb |
| Iron | 54-2 | 2176.10 | 2171.60 | 2169.47 | 2172.39 | 0.16 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICV007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:06:59 | DataFile Name : | 017ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 204.87 | 199.68 | 202.64 | 202.39 | 1.29 | ppb |
| Lead | 207-1 | 177.90 | 178.48 | 181.24 | 179.21 | 1.00 | ppb |
| Lead | 208-1 | 194.18 | 193.37 | 194.91 | 194.15 | 0.40 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 1106.35 | 1100.31 | 1105.70 | 1104.12 | 0.30 | ppb |
| Manganese | 55-2 | 100.36 | 100.96 | 100.38 | 100.57 | 0.34 | ppb |
| Molybdenum | 94-1 | 0.02 | 0.03 | 0.01 | 0.02 | 57.71 | ppb |
| Molybdenum | 95-1 | 0.02 | 0.02 | 0.02 | 0.02 | 11.60 | ppb |
| Molybdenum | 96-1 | 0.05 | 0.04 | 0.03 | 0.04 | 18.72 | ppb |
| Molybdenum | 97-1 | 0.02 | 0.02 | 0.02 | 0.02 | 7.10 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.02 | 0.02 | 12.15 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 105.17 | 104.50 | 104.62 | 104.76 | 0.34 | ppb |
| Phosphorus | 31-2 | -12.15 | -12.66 | -17.37 | -14.06 | | ppb |
| Potassium | 39-2 | 1926.10 | 1924.85 | 2025.88 | 1958.94 | 2.96 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 216.99 | 219.95 | 216.70 | 217.88 | 0.82 | ppb |
| Selenium | 77-2 | 224.77 | 224.59 | 227.88 | 225.75 | 0.82 | ppb |
| Selenium | 78-2 | 216.27 | 223.69 | 225.10 | 221.69 | 2.14 | ppb |
| Silicon | 28-1 | -7.72 | -7.29 | -7.70 | -7.57 | | ppb |
| Silver | 107-1 | 50.85 | 51.57 | 52.27 | 51.57 | 1.38 | ppb |
| Silver | 109-1 | 50.74 | 51.48 | 51.65 | 51.29 | 0.94 | ppb |
| Sodium | 23-2 | 1946.08 | 1935.58 | 1914.69 | 1932.12 | 0.83 | ppb |
| Strontium | 86-1 | 5.74 | 5.59 | 5.71 | 5.68 | 1.41 | ppb |
| Strontium | 88-1 | 6.00 | 5.81 | 6.05 | 5.95 | 2.12 | ppb |
| Sulfur | 34-1 | -143.00 | -101.77 | -112.50 | -119.09 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 200.59 | 197.44 | 201.19 | 199.74 | 1.01 | ppb |
| Thallium | 205-1 | 197.34 | 198.31 | 198.37 | 198.01 | 0.29 | ppb |
| Tin | 118-1 | 0.01 | 0.01 | 0.01 | 0.01 | 4.42 | ppb |
| Titanium | 47-1 | 0.02 | 0.02 | 0.00 | 0.01 | 93.22 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICV007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:06:59 | DataFile Name : | 017ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 39.53 | ppb |
| Vanadium | 51-2 | 101.01 | 100.84 | 100.62 | 100.82 | 0.19 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 198.54 | 197.78 | 196.51 | 197.61 | 0.52 | ppb |
| Zirconium | 90-1 | 0.01 | 0.00 | 0.01 | 0.00 | 25.22 | ppb |
| Zirconium | 91-1 | 0.04 | 0.05 | 0.06 | 0.05 | 17.14 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:25:40 | DataFile Name : | 021CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.10 | 0.07 | 0.01 | 0.06 | 71.31 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 18.62 | ppb |
| Arsenic | 75-2 | -0.02 | -0.02 | -0.01 | -0.01 | | ppb |
| Barium | 135-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.01 | 0.00 | 188.07 | ppb |
| Beryllium | 9-1 | 0.00 | -0.03 | 0.00 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.08 | 0.02 | 0.03 | 0.04 | 74.09 | ppb |
| Cadmium | 106-1 | -1.12 | -1.42 | -1.15 | -1.23 | | ppb |
| Cadmium | 111-1 | -0.08 | -0.10 | -0.09 | -0.09 | | ppb |
| Calcium | 43-1 | 4.21 | 2.40 | 3.24 | 3.29 | 27.52 | ppb |
| Calcium | 44-1 | -1.79 | -1.11 | -1.22 | -1.37 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.00 | -0.03 | -0.02 | -0.02 | | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.02 | -0.01 | 0.01 | 0.01 | 190.21 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 97 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | -0.09 | -0.03 | -0.07 | -0.06 | | ppb |
| Iron | 57-2 | 0.22 | 0.78 | 0.57 | 0.52 | 53.70 | ppb |
| Iron | 54-2 | 1.07 | 0.68 | 0.71 | 0.82 | 26.11 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:25:40 | DataFile Name : | 021CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.00 | 0.01 | 0.00 | 0.00 | 106.85 | ppb |
| Lead | 207-1 | 0.01 | 0.01 | 0.01 | 0.01 | 14.22 | ppb |
| Lead | 208-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.44 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 0.21 | 0.18 | 0.11 | 0.17 | 31.04 | ppb |
| Manganese | 55-2 | -0.01 | 0.01 | 0.00 | 0.00 | | ppb |
| Molybdenum | 94-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Molybdenum | 95-1 | 0.00 | 0.00 | 0.01 | 0.00 | 56.51 | ppb |
| Molybdenum | 96-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Molybdenum | 97-1 | 0.00 | 0.00 | 0.00 | 0.00 | 59.98 | ppb |
| Molybdenum | 98-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.00 | 0.01 | 0.00 | 0.00 | | ppb |
| Phosphorus | 31-2 | -17.14 | -16.36 | -13.34 | -15.61 | | ppb |
| Potassium | 39-2 | 1.47 | 2.04 | 2.24 | 1.92 | 20.63 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | -0.29 | -0.31 | -0.45 | -0.35 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | -0.65 | -1.86 | -0.79 | -1.10 | | ppb |
| Silicon | 28-1 | -4.74 | -4.80 | -5.57 | -5.04 | | ppb |
| Silver | 107-1 | 0.00 | 0.01 | 0.00 | 0.01 | 29.10 | ppb |
| Silver | 109-1 | 0.01 | 0.00 | 0.01 | 0.01 | 29.14 | ppb |
| Sodium | 23-2 | -0.02 | 0.05 | 0.03 | 0.02 | 192.15 | ppb |
| Strontium | 86-1 | -0.01 | 0.15 | -0.27 | -0.04 | | ppb |
| Strontium | 88-1 | 0.03 | -0.02 | -0.01 | 0.00 | | ppb |
| Sulfur | 34-1 | 167.91 | 107.31 | 53.55 | 109.59 | 52.21 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.00 | 0.01 | 0.00 | 0.00 | 856.91 | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | 92.71 | ppb |
| Tin | 118-1 | 0.01 | 0.02 | 0.01 | 0.01 | 48.58 | ppb |
| Titanium | 47-1 | 0.01 | 0.00 | -0.01 | 0.00 | | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:25:40 | DataFile Name : | 021CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 73.35 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 477.26 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 0.04 | 0.02 | 0.04 | 0.03 | 33.14 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 398.64 | ppb |
| Zirconium | 91-1 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSA007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:29:38 | DataFile Name : | 022ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 93288.72 | 93231.23 | 93599.84 | 93373.26 | 0.21 | ppb |
| Antimony | 121-1 | 1.12 | 1.11 | 1.11 | 1.11 | 0.74 | ppb |
| Arsenic | 75-2 | 0.30 | 0.37 | 0.38 | 0.35 | 11.92 | ppb |
| Barium | 135-1 | 1.45 | 1.34 | 1.39 | 1.40 | 4.00 | ppb |
| Barium | 137-1 | 1.40 | 1.42 | 1.43 | 1.42 | 0.80 | ppb |
| Beryllium | 9-1 | 0.31 | 0.28 | 0.30 | 0.30 | 5.77 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 9.74 | 9.37 | 8.88 | 9.33 | 4.67 | ppb |
| Cadmium | 106-1 | -1.62 | -2.41 | -2.65 | -2.22 | | ppb |
| Cadmium | 111-1 | 0.26 | 0.23 | 0.17 | 0.22 | 19.37 | ppb |
| Calcium | 43-1 | 103466.27 | 102323.46 | 105595.69 | 103795.14 | 1.60 | ppb |
| Calcium | 44-1 | 103058.98 | 101867.83 | 105154.91 | 103360.57 | 1.61 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 20.69 | 20.87 | 20.78 | 20.78 | 0.42 | ppb |
| Cobalt | 59-2 | 1.31 | 1.19 | 1.27 | 1.26 | 4.69 | ppb |
| Copper | 63-2 | 7.30 | 7.19 | 7.15 | 7.22 | 1.10 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 107012.82 | 104547.86 | 105416.03 | 105658.91 | 1.18 | ppb |
| Iron | 57-2 | 106049.52 | 104501.31 | 104891.57 | 105147.46 | 0.77 | ppb |
| Iron | 54-2 | 105830.05 | 105004.62 | 104986.88 | 105273.85 | 0.46 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSA007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:29:38 | DataFile Name : | 022ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4.78 | 4.91 | 4.98 | 4.89 | 2.01 | ppb |
| Lead | 207-1 | 4.30 | 4.43 | 4.41 | 4.38 | 1.62 | ppb |
| Lead | 208-1 | 4.49 | 4.59 | 4.59 | 4.56 | 1.29 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 95440.82 | 94504.69 | 94140.44 | 94695.32 | 0.71 | ppb |
| Manganese | 55-2 | 8.46 | 8.38 | 8.26 | 8.36 | 1.20 | ppb |
| Molybdenum | 94-1 | 1639.01 | 1629.20 | 1647.97 | 1638.73 | 0.57 | ppb |
| Molybdenum | 95-1 | 1996.84 | 2006.22 | 2033.96 | 2012.34 | 0.96 | ppb |
| Molybdenum | 96-1 | 1982.92 | 2008.00 | 1993.10 | 1994.68 | 0.63 | ppb |
| Molybdenum | 97-1 | 1986.85 | 2043.13 | 2025.13 | 2018.37 | 1.42 | ppb |
| Molybdenum | 98-1 | 2003.53 | 2031.76 | 2019.23 | 2018.17 | 0.70 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 5.52 | 5.48 | 5.37 | 5.46 | 1.41 | ppb |
| Phosphorus | 31-2 | 103879.63 | 102850.30 | 103763.66 | 103497.86 | 0.54 | ppb |
| Potassium | 39-2 | 100085.54 | 99936.03 | 100529.74 | 100183.77 | 0.31 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 86 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | -0.08 | -0.23 | -0.23 | -0.18 | | ppb |
| Selenium | 77-2 | 0.02 | 0.19 | 0.19 | 0.13 | 73.67 | ppb |
| Selenium | 78-2 | -1.12 | -1.57 | -1.19 | -1.29 | | ppb |
| Silicon | 28-1 | -3.68 | -5.02 | -3.67 | -4.13 | | ppb |
| Silver | 107-1 | 0.05 | 0.04 | 0.03 | 0.04 | 24.72 | ppb |
| Silver | 109-1 | 0.05 | 0.04 | 0.04 | 0.04 | 14.54 | ppb |
| Sodium | 23-2 | 100408.10 | 100464.99 | 100167.65 | 100346.92 | 0.16 | ppb |
| Strontium | 86-1 | 860.09 | 861.29 | 859.90 | 860.43 | 0.09 | ppb |
| Strontium | 88-1 | 852.18 | 861.26 | 863.25 | 858.90 | 0.69 | ppb |
| Sulfur | 34-1 | 103256.55 | 101879.85 | 104626.57 | 103254.32 | 1.33 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.10 | 0.10 | 0.10 | 0.10 | 2.56 | ppb |
| Thallium | 205-1 | 0.11 | 0.10 | 0.09 | 0.10 | 9.62 | ppb |
| Tin | 118-1 | 0.24 | 0.23 | 0.21 | 0.23 | 6.83 | ppb |
| Titanium | 47-1 | 2060.97 | 2042.92 | 2073.92 | 2059.27 | 0.76 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSA007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:29:38 | DataFile Name : | 022ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.02 | 0.02 | 0.02 | 5.38 | ppb |
| Vanadium | 51-2 | 0.17 | 0.18 | 0.16 | 0.17 | 6.08 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 11.28 | 11.55 | 11.43 | 11.42 | 1.17 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.03 | 0.02 | 24.61 | ppb |
| Zirconium | 91-1 | 0.03 | 0.04 | 0.03 | 0.03 | 12.15 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:32:42 | DataFile Name : | 023ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 91965.04 | 90983.78 | 92105.70 | 91684.84 | 0.67 | ppb |
| Antimony | 121-1 | 19.82 | 21.10 | 21.35 | 20.76 | 3.96 | ppb |
| Arsenic | 75-2 | 20.97 | 21.65 | 21.45 | 21.36 | 1.64 | ppb |
| Barium | 135-1 | 19.80 | 20.86 | 21.14 | 20.60 | 3.45 | ppb |
| Barium | 137-1 | 19.97 | 21.69 | 21.72 | 21.13 | 4.75 | ppb |
| Beryllium | 9-1 | 20.42 | 21.54 | 21.13 | 21.03 | 2.71 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 24.46 | 27.23 | 26.23 | 25.97 | 5.40 | ppb |
| Cadmium | 106-1 | 14.68 | 15.96 | 15.91 | 15.52 | 4.66 | ppb |
| Cadmium | 111-1 | 18.40 | 19.94 | 20.11 | 19.48 | 4.84 | ppb |
| Calcium | 43-1 | 97190.00 | 103881.55 | 104064.39 | 101711.98 | 3.85 | ppb |
| Calcium | 44-1 | 96309.68 | 102850.59 | 105002.21 | 101387.50 | 4.47 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 40.99 | 40.92 | 40.96 | 40.95 | 0.08 | ppb |
| Cobalt | 59-2 | 21.49 | 21.16 | 21.36 | 21.34 | 0.78 | ppb |
| Copper | 63-2 | 26.17 | 25.68 | 25.88 | 25.91 | 0.96 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 103515.61 | 103586.22 | 103774.75 | 103625.53 | 0.13 | ppb |
| Iron | 57-2 | 103669.26 | 101246.17 | 102457.31 | 102457.58 | 1.18 | ppb |
| Iron | 54-2 | 103956.41 | 104349.14 | 103607.56 | 103971.04 | 0.36 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:32:42 | DataFile Name : | 023ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23.29 | 24.65 | 24.77 | 24.24 | 3.39 | ppb |
| Lead | 207-1 | 22.07 | 23.16 | 23.18 | 22.80 | 2.79 | ppb |
| Lead | 208-1 | 22.55 | 23.55 | 23.61 | 23.24 | 2.55 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 93590.59 | 92518.51 | 93439.60 | 93182.90 | 0.62 | ppb |
| Manganese | 55-2 | 28.16 | 27.90 | 28.43 | 28.16 | 0.94 | ppb |
| Molybdenum | 94-1 | 1536.17 | 1646.73 | 1629.61 | 1604.17 | 3.71 | ppb |
| Molybdenum | 95-1 | 1862.89 | 1979.68 | 1982.27 | 1941.61 | 3.51 | ppb |
| Molybdenum | 96-1 | 1856.94 | 1947.61 | 1969.38 | 1924.64 | 3.10 | ppb |
| Molybdenum | 97-1 | 1873.82 | 1964.92 | 2004.80 | 1947.85 | 3.45 | ppb |
| Molybdenum | 98-1 | 1885.96 | 1964.56 | 2002.63 | 1951.05 | 3.05 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 25.02 | 25.49 | 25.04 | 25.18 | 1.05 | ppb |
| Phosphorus | 31-2 | 102010.17 | 102033.85 | 102309.02 | 102117.68 | 0.16 | ppb |
| Potassium | 39-2 | 98372.97 | 98594.68 | 98409.86 | 98459.17 | 0.12 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 89 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 18.95 | 21.65 | 20.42 | 20.34 | 6.65 | ppb |
| Selenium | 77-2 | 22.83 | 20.58 | 21.17 | 21.53 | 5.41 | ppb |
| Selenium | 78-2 | 21.54 | 20.03 | 21.15 | 20.91 | 3.74 | ppb |
| Silicon | 28-1 | -5.62 | -2.66 | -1.53 | -3.27 | | ppb |
| Silver | 107-1 | 17.86 | 19.22 | 19.44 | 18.84 | 4.55 | ppb |
| Silver | 109-1 | 17.76 | 19.04 | 19.34 | 18.71 | 4.50 | ppb |
| Sodium | 23-2 | 98915.01 | 97478.19 | 99140.32 | 98511.17 | 0.92 | ppb |
| Strontium | 86-1 | 803.31 | 848.80 | 868.13 | 840.08 | 3.96 | ppb |
| Strontium | 88-1 | 795.38 | 844.88 | 858.74 | 833.00 | 4.00 | ppb |
| Sulfur | 34-1 | 95906.65 | 100370.66 | 103279.80 | 99852.37 | 3.72 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 18.46 | 19.68 | 19.68 | 19.27 | 3.67 | ppb |
| Thallium | 205-1 | 18.50 | 19.41 | 19.53 | 19.15 | 2.95 | ppb |
| Tin | 118-1 | 0.13 | 0.16 | 0.17 | 0.16 | 14.72 | ppb |
| Titanium | 47-1 | 1914.46 | 2064.21 | 2061.04 | 2013.24 | 4.25 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:32:42 | DataFile Name : | 023ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.01 | 0.02 | 0.02 | 4.84 | ppb |
| Vanadium | 51-2 | 20.21 | 20.37 | 20.73 | 20.44 | 1.29 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 31.83 | 30.96 | 31.62 | 31.47 | 1.44 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.02 | 0.02 | 17.06 | ppb |
| Zirconium | 91-1 | 0.01 | 0.02 | 0.03 | 0.02 | 40.41 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:35:47 | DataFile Name : | 024CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 51151.93 | 50763.98 | 50413.52 | 50776.48 | 0.73 | ppb |
| Antimony | 121-1 | 459.95 | 513.82 | 514.17 | 495.98 | 6.29 | ppb |
| Arsenic | 75-2 | 503.69 | 504.42 | 505.21 | 504.44 | 0.15 | ppb |
| Barium | 135-1 | 2373.45 | 2593.56 | 2580.30 | 2515.77 | 4.91 | ppb |
| Barium | 137-1 | 2365.10 | 2631.82 | 2626.06 | 2541.00 | 6.00 | ppb |
| Beryllium | 9-1 | 469.63 | 518.22 | 529.00 | 505.62 | 6.26 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 458.17 | 505.96 | 503.13 | 489.08 | 5.48 | ppb |
| Cadmium | 106-1 | 457.85 | 507.06 | 506.72 | 490.54 | 5.77 | ppb |
| Cadmium | 111-1 | 440.78 | 488.94 | 485.28 | 471.66 | 5.68 | ppb |
| Calcium | 43-1 | 237599.87 | 261497.12 | 267395.01 | 255497.33 | 6.18 | ppb |
| Calcium | 44-1 | 237710.68 | 263626.48 | 265018.30 | 255451.82 | 6.02 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 508.48 | 504.89 | 505.16 | 506.18 | 0.40 | ppb |
| Cobalt | 59-2 | 497.99 | 489.92 | 488.86 | 492.26 | 1.01 | ppb |
| Copper | 63-2 | 4837.52 | 4824.50 | 4755.69 | 4805.90 | 0.91 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 90 | | % |
| Indium | 115-2 | | | | 86 | | % |
| Iron | 56-2 | 129626.88 | 128593.74 | 127039.27 | 128419.96 | 1.01 | ppb |
| Iron | 57-2 | 129432.58 | 128077.71 | 127094.45 | 128201.58 | 0.92 | ppb |
| Iron | 54-2 | 129283.58 | 128126.12 | 128298.97 | 128569.56 | 0.49 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:35:47 | DataFile Name : | 024CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2349.73 | 2614.96 | 2588.49 | 2517.73 | 5.80 | ppb |
| Lead | 207-1 | 2356.43 | 2631.37 | 2633.45 | 2540.42 | 6.27 | ppb |
| Lead | 208-1 | 2364.04 | 2622.38 | 2632.53 | 2539.65 | 5.99 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 240801.67 | 239310.21 | 237686.87 | 239266.25 | 0.65 | ppb |
| Manganese | 55-2 | 5053.81 | 4968.18 | 4961.01 | 4994.34 | 1.03 | ppb |
| Molybdenum | 94-1 | 4687.50 | 5174.03 | 5278.29 | 5046.61 | 6.25 | ppb |
| Molybdenum | 95-1 | 4630.22 | 5145.16 | 5274.13 | 5016.50 | 6.79 | ppb |
| Molybdenum | 96-1 | 4678.47 | 5218.99 | 5293.47 | 5063.64 | 6.63 | ppb |
| Molybdenum | 97-1 | 4665.97 | 5213.50 | 5258.28 | 5045.91 | 6.54 | ppb |
| Molybdenum | 98-1 | 4694.47 | 5200.81 | 5252.94 | 5049.41 | 6.11 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 473.44 | 468.59 | 465.36 | 469.13 | 0.87 | ppb |
| Phosphorus | 31-2 | 10154.80 | 10179.35 | 10065.96 | 10133.37 | 0.59 | ppb |
| Potassium | 39-2 | 125882.51 | 125749.16 | 125246.53 | 125626.07 | 0.27 | ppb |
| Rhodium | 103-1 | | | | 86 | | % |
| Rhodium | 103-2 | | | | 84 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 442.70 | 494.81 | 497.89 | 478.46 | 6.48 | ppb |
| Selenium | 77-2 | 503.30 | 486.90 | 476.35 | 488.85 | 2.78 | ppb |
| Selenium | 78-2 | 495.80 | 486.19 | 499.53 | 493.84 | 1.39 | ppb |
| Silicon | 28-1 | 187.10 | 211.88 | 211.85 | 203.61 | 7.02 | ppb |
| Silver | 107-1 | 463.83 | 503.81 | 508.00 | 491.88 | 4.96 | ppb |
| Silver | 109-1 | 464.74 | 510.45 | 504.60 | 493.27 | 5.04 | ppb |
| Sodium | 23-2 | 249551.88 | 246861.12 | 248253.85 | 248222.29 | 0.54 | ppb |
| Strontium | 86-1 | 11719.73 | 12820.77 | 13055.06 | 12531.85 | 5.69 | ppb |
| Strontium | 88-1 | 11611.27 | 12641.45 | 13100.78 | 12451.16 | 6.13 | ppb |
| Sulfur | 34-1 | 8581.05 | 9775.27 | 9965.67 | 9440.66 | 7.95 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 96 | | % |
| Thallium | 203-1 | 476.59 | 524.57 | 526.44 | 509.20 | 5.55 | ppb |
| Thallium | 205-1 | 479.57 | 524.29 | 525.82 | 509.89 | 5.15 | ppb |
| Tin | 118-1 | 468.26 | 515.50 | 515.39 | 499.71 | 5.45 | ppb |
| Titanium | 47-1 | 4706.14 | 5059.76 | 5176.74 | 4980.88 | 4.92 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:35:47 | DataFile Name : | 024CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 476.91 | 525.93 | 518.80 | 507.21 | 5.22 | ppb |
| Vanadium | 51-2 | 509.36 | 505.93 | 508.31 | 507.87 | 0.35 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 89 | | % |
| Zinc | 66-2 | 4781.91 | 4702.80 | 4709.62 | 4731.44 | 0.93 | ppb |
| Zirconium | 90-1 | 464.97 | 513.73 | 526.56 | 501.75 | 6.48 | ppb |
| Zirconium | 91-1 | 469.65 | 520.23 | 531.61 | 507.16 | 6.50 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:43:41 | DataFile Name : | 026CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.05 | -0.04 | 0.01 | 0.01 | 666.41 | ppb |
| Antimony | 121-1 | 0.04 | 0.04 | 0.03 | 0.04 | 17.61 | ppb |
| Arsenic | 75-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Barium | 135-1 | 0.00 | 0.01 | 0.01 | 0.00 | 92.00 | ppb |
| Barium | 137-1 | 0.02 | 0.01 | 0.01 | 0.01 | 30.83 | ppb |
| Beryllium | 9-1 | 0.02 | 0.00 | 0.03 | 0.01 | 113.08 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | -0.01 | 0.02 | 0.01 | 217.22 | ppb |
| Cadmium | 106-1 | -1.95 | -1.73 | -1.54 | -1.74 | | ppb |
| Cadmium | 111-1 | -0.13 | -0.12 | -0.10 | -0.12 | | ppb |
| Calcium | 43-1 | 1.87 | 0.55 | 1.34 | 1.25 | 52.93 | ppb |
| Calcium | 44-1 | -0.88 | -1.59 | -1.28 | -1.25 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.00 | 0.01 | -0.03 | -0.01 | | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.03 | 0.04 | 0.03 | 0.03 | 12.92 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 0.35 | 0.31 | 0.22 | 0.29 | 22.62 | ppb |
| Iron | 57-2 | -0.43 | -0.02 | 0.29 | -0.05 | | ppb |
| Iron | 54-2 | -0.12 | 0.44 | 0.25 | 0.19 | 147.54 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:43:41 | DataFile Name : | 026CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.05 | 0.04 | 0.04 | 0.05 | 5.60 | ppb |
| Lead | 207-1 | 0.06 | 0.05 | 0.05 | 0.05 | 12.75 | ppb |
| Lead | 208-1 | 0.05 | 0.05 | 0.04 | 0.05 | 7.75 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 0.91 | 0.86 | 0.83 | 0.87 | 4.53 | ppb |
| Manganese | 55-2 | 0.02 | 0.01 | 0.02 | 0.02 | 39.32 | ppb |
| Molybdenum | 94-1 | 0.05 | 0.05 | 0.05 | 0.05 | 6.66 | ppb |
| Molybdenum | 95-1 | 0.05 | 0.06 | 0.04 | 0.05 | 17.20 | ppb |
| Molybdenum | 96-1 | 0.04 | 0.05 | 0.04 | 0.04 | 12.73 | ppb |
| Molybdenum | 97-1 | 0.04 | 0.04 | 0.04 | 0.04 | 5.55 | ppb |
| Molybdenum | 98-1 | 0.05 | 0.05 | 0.04 | 0.05 | 11.51 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.02 | 0.00 | 0.00 | -0.01 | | ppb |
| Phosphorus | 31-2 | -9.74 | -17.41 | -16.61 | -14.59 | | ppb |
| Potassium | 39-2 | -0.16 | 0.48 | 1.00 | 0.44 | 132.95 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | -0.25 | -0.43 | -0.53 | -0.41 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | -1.44 | -0.78 | -1.55 | -1.25 | | ppb |
| Silicon | 28-1 | -11.60 | -11.77 | -11.44 | -11.60 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 15.00 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 11.14 | ppb |
| Sodium | 23-2 | 14.06 | 13.80 | 13.71 | 13.86 | 1.30 | ppb |
| Strontium | 86-1 | 0.06 | -0.08 | -0.47 | -0.16 | | ppb |
| Strontium | 88-1 | 0.07 | 0.06 | 0.08 | 0.07 | 11.99 | ppb |
| Sulfur | 34-1 | -329.77 | -340.53 | -314.07 | -328.13 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.03 | 0.02 | 0.02 | 0.03 | 19.98 | ppb |
| Thallium | 205-1 | 0.03 | 0.03 | 0.03 | 0.03 | 5.61 | ppb |
| Tin | 118-1 | 0.00 | 0.04 | 0.00 | 0.01 | 192.85 | ppb |
| Titanium | 47-1 | 0.04 | 0.05 | 0.00 | 0.03 | 103.15 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:43:41 | DataFile Name : | 026CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 19.68 | ppb |
| Vanadium | 51-2 | 0.01 | 0.00 | 0.00 | 0.00 | 123.90 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 0.03 | 0.02 | 0.09 | 0.05 | 79.16 | ppb |
| Zirconium | 90-1 | 0.01 | 0.01 | 0.01 | 0.01 | 12.64 | ppb |
| Zirconium | 91-1 | 0.00 | 0.01 | 0.02 | 0.01 | 81.99 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:56:05 | DataFile Name : | 029CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.78 | 0.57 | 0.88 | 0.75 | 21.65 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.70 | ppb |
| Arsenic | 75-2 | -0.01 | -0.01 | 0.00 | -0.01 | | ppb |
| Barium | 135-1 | 0.01 | 0.00 | 0.01 | 0.00 | 131.55 | ppb |
| Barium | 137-1 | 0.01 | -0.01 | 0.00 | 0.00 | 668.79 | ppb |
| Beryllium | 9-1 | 0.00 | 0.01 | 0.01 | 0.01 | 65.90 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.05 | -0.03 | 0.04 | 0.02 | 242.09 | ppb |
| Cadmium | 106-1 | -1.02 | -1.45 | -1.22 | -1.23 | | ppb |
| Cadmium | 111-1 | -0.08 | -0.10 | -0.08 | -0.09 | | ppb |
| Calcium | 43-1 | 1.02 | 2.21 | 1.70 | 1.64 | 36.38 | ppb |
| Calcium | 44-1 | -1.93 | -1.94 | -0.73 | -1.53 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | 0.01 | 0.01 | 0.00 | 234.22 | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | 79.65 | ppb |
| Copper | 63-2 | 0.06 | 0.05 | 0.06 | 0.06 | 17.92 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 0.04 | 0.15 | -0.02 | 0.06 | 151.27 | ppb |
| Iron | 57-2 | 0.29 | 0.05 | 0.22 | 0.18 | 66.68 | ppb |
| Iron | 54-2 | 0.18 | -0.13 | 0.91 | 0.32 | 167.33 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:56:05 | DataFile Name : | 029CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.01 | 0.01 | 0.01 | 0.01 | 19.10 | ppb |
| Lead | 207-1 | 0.01 | 0.01 | 0.02 | 0.02 | 26.55 | ppb |
| Lead | 208-1 | 0.01 | 0.01 | 0.02 | 0.02 | 17.96 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 1.00 | 0.61 | 0.70 | 0.77 | 26.80 | ppb |
| Manganese | 55-2 | 0.04 | 0.06 | 0.04 | 0.05 | 16.97 | ppb |
| Molybdenum | 94-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Molybdenum | 95-1 | 0.01 | 0.01 | 0.01 | 0.01 | 19.97 | ppb |
| Molybdenum | 96-1 | 0.00 | 0.01 | 0.00 | 0.00 | 224.32 | ppb |
| Molybdenum | 97-1 | 0.00 | 0.01 | 0.01 | 0.01 | 86.45 | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.00 | 0.00 | 20.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.02 | 0.00 | -0.01 | -0.01 | | ppb |
| Phosphorus | 31-2 | -17.13 | -12.98 | -18.04 | -16.05 | | ppb |
| Potassium | 39-2 | 1.13 | 0.65 | 3.04 | 1.61 | 78.92 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | -0.30 | 0.03 | -0.85 | -0.37 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | -0.73 | -0.65 | -1.45 | -0.94 | | ppb |
| Silicon | 28-1 | -10.29 | -8.16 | -6.65 | -8.37 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 3.05 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 14.25 | ppb |
| Sodium | 23-2 | 5.32 | 6.31 | 6.20 | 5.95 | 9.10 | ppb |
| Strontium | 86-1 | -0.27 | 0.28 | 0.33 | 0.11 | 301.28 | ppb |
| Strontium | 88-1 | 0.01 | 0.02 | 0.04 | 0.02 | 52.69 | ppb |
| Sulfur | 34-1 | -162.59 | -29.58 | 81.74 | -36.81 | | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.02 | 0.01 | 0.02 | 0.01 | 21.96 | ppb |
| Thallium | 205-1 | 0.01 | 0.02 | 0.01 | 0.01 | 10.09 | ppb |
| Tin | 118-1 | 0.01 | 0.01 | 0.00 | 0.01 | 55.33 | ppb |
| Titanium | 47-1 | 0.02 | 0.01 | -0.03 | 0.00 | | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:56:05 | DataFile Name : | 029CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 4.48 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 0.19 | 0.21 | 0.23 | 0.21 | 9.98 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 622.12 | ppb |
| Zirconium | 91-1 | 0.00 | 0.00 | 0.00 | 0.00 | 261.07 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:59:23 | DataFile Name : | 030LCS6.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9752.09 | 9702.87 | 9697.23 | 9717.40 | 0.31 | ppb |
| Antimony | 121-1 | 503.75 | 520.40 | 518.04 | 514.06 | 1.75 | ppb |
| Arsenic | 75-2 | 513.50 | 510.80 | 501.93 | 508.74 | 1.19 | ppb |
| Barium | 135-1 | 2516.49 | 2544.33 | 2586.10 | 2548.97 | 1.37 | ppb |
| Barium | 137-1 | 2530.18 | 2587.85 | 2590.55 | 2569.52 | 1.33 | ppb |
| Beryllium | 9-1 | 486.20 | 493.69 | 486.83 | 488.91 | 0.85 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 511.13 | 526.24 | 526.90 | 521.42 | 1.71 | ppb |
| Cadmium | 106-1 | 512.66 | 527.09 | 527.85 | 522.53 | 1.64 | ppb |
| Cadmium | 111-1 | 491.89 | 505.79 | 509.30 | 502.33 | 1.83 | ppb |
| Calcium | 43-1 | 49853.73 | 51440.91 | 52025.82 | 51106.82 | 2.20 | ppb |
| Calcium | 44-1 | 49508.78 | 51597.17 | 51777.82 | 50961.25 | 2.47 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 499.95 | 503.49 | 499.44 | 500.96 | 0.44 | ppb |
| Cobalt | 59-2 | 497.81 | 504.33 | 505.48 | 502.54 | 0.82 | ppb |
| Copper | 63-2 | 5028.21 | 5038.86 | 5004.61 | 5023.89 | 0.35 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 25584.58 | 25583.41 | 25553.24 | 25573.74 | 0.07 | ppb |
| Iron | 57-2 | 25615.37 | 25585.75 | 25890.06 | 25697.06 | 0.65 | ppb |
| Iron | 54-2 | 25967.93 | 25986.97 | 25797.89 | 25917.59 | 0.40 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:59:23 | DataFile Name : | 030LCS6.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2416.22 | 2487.23 | 2423.82 | 2442.42 | 1.60 | ppb |
| Lead | 207-1 | 2422.50 | 2486.65 | 2455.91 | 2455.02 | 1.31 | ppb |
| Lead | 208-1 | 2405.21 | 2475.29 | 2445.30 | 2441.93 | 1.44 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 46250.51 | 46726.33 | 46759.24 | 46578.69 | 0.61 | ppb |
| Manganese | 55-2 | 4948.81 | 5036.65 | 4964.32 | 4983.26 | 0.94 | ppb |
| Molybdenum | 94-1 | 4827.39 | 4906.34 | 4928.54 | 4887.42 | 1.09 | ppb |
| Molybdenum | 95-1 | 4866.90 | 4891.90 | 4972.02 | 4910.27 | 1.12 | ppb |
| Molybdenum | 96-1 | 4903.02 | 4921.19 | 4956.55 | 4926.92 | 0.55 | ppb |
| Molybdenum | 97-1 | 4859.01 | 4933.10 | 4953.65 | 4915.26 | 1.01 | ppb |
| Molybdenum | 98-1 | 4846.70 | 4942.35 | 4972.08 | 4920.37 | 1.33 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 481.74 | 480.86 | 484.10 | 482.24 | 0.35 | ppb |
| Phosphorus | 31-2 | 10118.54 | 10144.53 | 10084.87 | 10115.98 | 0.30 | ppb |
| Potassium | 39-2 | 24507.63 | 24653.41 | 24471.97 | 24544.34 | 0.39 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 88 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 494.06 | 509.23 | 502.38 | 501.89 | 1.51 | ppb |
| Selenium | 77-2 | 515.27 | 519.94 | 497.73 | 510.98 | 2.29 | ppb |
| Selenium | 78-2 | 528.70 | 521.93 | 519.29 | 523.31 | 0.93 | ppb |
| Silicon | 28-1 | 501.89 | 504.83 | 513.05 | 506.59 | 1.14 | ppb |
| Silver | 107-1 | 516.46 | 522.46 | 531.66 | 523.53 | 1.46 | ppb |
| Silver | 109-1 | 518.39 | 522.98 | 535.90 | 525.75 | 1.73 | ppb |
| Sodium | 23-2 | 48976.80 | 49476.91 | 49386.49 | 49280.07 | 0.54 | ppb |
| Strontium | 86-1 | 12178.04 | 12645.20 | 12333.99 | 12385.74 | 1.92 | ppb |
| Strontium | 88-1 | 12116.85 | 12391.31 | 12305.78 | 12271.31 | 1.14 | ppb |
| Sulfur | 34-1 | 9615.01 | 9798.76 | 9877.19 | 9763.65 | 1.38 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 488.28 | 492.94 | 485.68 | 488.97 | 0.75 | ppb |
| Thallium | 205-1 | 481.41 | 491.65 | 481.59 | 484.88 | 1.21 | ppb |
| Tin | 118-1 | 499.73 | 514.70 | 518.78 | 511.07 | 1.96 | ppb |
| Titanium | 47-1 | 4892.31 | 4998.71 | 5022.52 | 4971.18 | 1.39 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:59:23 | DataFile Name : | 030LCS6.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 463.75 | 478.03 | 466.36 | 469.38 | 1.62 | ppb |
| Vanadium | 51-2 | 494.87 | 500.06 | 501.71 | 498.88 | 0.71 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 89 | | % |
| Zinc | 66-2 | 5053.01 | 5044.58 | 5054.94 | 5050.84 | 0.11 | ppb |
| Zirconium | 90-1 | 483.26 | 491.89 | 491.48 | 488.88 | 1.00 | ppb |
| Zirconium | 91-1 | 481.70 | 489.39 | 501.89 | 491.00 | 2.08 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:02:02 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 24920.21 | 24712.97 | 24590.30 | 24741.16 | 0.67 | ppb |
| Antimony | 121-1 | 0.29 | 0.24 | 0.20 | 0.24 | 19.07 | ppb |
| Arsenic | 75-2 | 1.42 | 1.36 | 1.52 | 1.43 | 5.58 | ppb |
| Barium | 135-1 | 41.88 | 41.89 | 41.99 | 41.92 | 0.14 | ppb |
| Barium | 137-1 | 42.35 | 42.44 | 42.82 | 42.54 | 0.58 | ppb |
| Beryllium | 9-1 | 0.82 | 0.67 | 0.74 | 0.74 | 10.07 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.31 | 0.34 | 0.25 | 0.30 | 16.00 | ppb |
| Cadmium | 106-1 | 1.27 | 1.19 | 1.15 | 1.20 | 5.09 | ppb |
| Cadmium | 111-1 | 0.26 | 0.23 | 0.20 | 0.23 | 11.65 | ppb |
| Calcium | 43-1 | 90026.54 | 90574.78 | 91079.54 | 90560.29 | 0.58 | ppb |
| Calcium | 44-1 | 88598.93 | 90420.31 | 90527.32 | 89848.86 | 1.21 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 7.99 | 8.14 | 7.94 | 8.02 | 1.28 | ppb |
| Cobalt | 59-2 | 68.79 | 68.62 | 68.42 | 68.61 | 0.27 | ppb |
| Copper | 63-2 | 15.96 | 15.87 | 15.66 | 15.83 | 1.00 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 215397.12 | 215596.92 | 214400.37 | 215131.47 | 0.30 | ppb |
| Iron | 57-2 | 213764.46 | 213157.66 | 211889.26 | 212937.13 | 0.45 | ppb |
| Iron | 54-2 | 213914.84 | 218112.61 | 213939.39 | 215322.28 | 1.12 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:02:02 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.24 | 1.11 | 1.07 | 1.14 | 8.11 | ppb |
| Lead | 207-1 | 1.14 | 1.10 | 1.02 | 1.09 | 5.58 | ppb |
| Lead | 208-1 | 1.19 | 1.10 | 1.04 | 1.11 | 6.82 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 38914.42 | 38543.14 | 38856.31 | 38771.29 | 0.52 | ppb |
| Manganese | 55-2 | 3343.12 | 3361.54 | 3318.81 | 3341.16 | 0.64 | ppb |
| Molybdenum | 94-1 | 2.00 | 1.85 | 1.83 | 1.89 | 4.80 | ppb |
| Molybdenum | 95-1 | 0.76 | 0.61 | 0.53 | 0.64 | 18.35 | ppb |
| Molybdenum | 96-1 | 2.09 | 1.92 | 1.86 | 1.96 | 6.24 | ppb |
| Molybdenum | 97-1 | 0.77 | 0.66 | 0.53 | 0.65 | 18.23 | ppb |
| Molybdenum | 98-1 | 0.75 | 0.55 | 0.49 | 0.60 | 23.01 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 27.51 | 27.49 | 27.15 | 27.38 | 0.74 | ppb |
| Phosphorus | 31-2 | 621.89 | 619.54 | 622.76 | 621.39 | 0.27 | ppb |
| Potassium | 39-2 | 741.41 | 741.35 | 734.89 | 739.22 | 0.51 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 89 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.32 | 0.36 | 0.24 | 0.31 | 19.63 | ppb |
| Selenium | 77-2 | 16.42 | 15.15 | 16.24 | 15.94 | 4.32 | ppb |
| Selenium | 78-2 | -0.04 | 1.43 | 0.92 | 0.77 | 96.90 | ppb |
| Silicon | 28-1 | 11047.89 | 11323.67 | 11335.07 | 11235.54 | 1.45 | ppb |
| Silver | 107-1 | 0.15 | 0.12 | 0.09 | 0.12 | 23.40 | ppb |
| Silver | 109-1 | 0.13 | 0.12 | 0.09 | 0.11 | 19.79 | ppb |
| Sodium | 23-2 | 12742.27 | 12706.69 | 12761.50 | 12736.82 | 0.22 | ppb |
| Strontium | 86-1 | 4048.09 | 4050.68 | 4083.22 | 4060.66 | 0.48 | ppb |
| Strontium | 88-1 | 4167.09 | 4214.13 | 4173.84 | 4185.02 | 0.61 | ppb |
| Sulfur | 34-1 | 243341.61 | 246619.44 | 245887.05 | 245282.70 | 0.70 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.13 | 0.10 | 0.09 | 0.10 | 18.13 | ppb |
| Thallium | 205-1 | 0.11 | 0.10 | 0.09 | 0.10 | 12.55 | ppb |
| Tin | 118-1 | 0.28 | 0.25 | 0.24 | 0.25 | 8.05 | ppb |
| Titanium | 47-1 | 4.90 | 4.39 | 4.24 | 4.51 | 7.62 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:02:02 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.57 | 2.58 | 2.47 | 2.54 | 2.46 | ppb |
| Vanadium | 51-2 | 248.98 | 250.62 | 249.15 | 249.58 | 0.36 | ppb |
| Yttrium | 89-1 | | | | 118 | | % |
| Yttrium | 89-2 | | | | 116 | | % |
| Zinc | 66-2 | 248.78 | 246.52 | 248.79 | 248.03 | 0.53 | ppb |
| Zirconium | 90-1 | 0.72 | 0.71 | 0.70 | 0.71 | 1.51 | ppb |
| Zirconium | 91-1 | 0.78 | 0.68 | 0.71 | 0.72 | 7.25 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:05:13 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 24613.57 | 24702.81 | 24295.10 | 24537.16 | 0.87 | ppb |
| Antimony | 121-1 | 0.07 | 0.07 | 0.07 | 0.07 | 4.78 | ppb |
| Arsenic | 75-2 | 1.59 | 1.37 | 1.44 | 1.46 | 7.82 | ppb |
| Barium | 135-1 | 40.78 | 41.69 | 41.19 | 41.22 | 1.11 | ppb |
| Barium | 137-1 | 42.13 | 42.45 | 42.75 | 42.44 | 0.73 | ppb |
| Beryllium | 9-1 | 0.70 | 0.63 | 0.70 | 0.68 | 6.16 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.30 | 0.23 | 0.17 | 0.23 | 29.27 | ppb |
| Cadmium | 106-1 | 1.54 | 1.56 | 1.09 | 1.40 | 19.00 | ppb |
| Cadmium | 111-1 | 0.20 | 0.19 | 0.17 | 0.19 | 6.85 | ppb |
| Calcium | 43-1 | 89562.98 | 89045.29 | 88348.25 | 88985.51 | 0.69 | ppb |
| Calcium | 44-1 | 89562.10 | 88737.89 | 88498.75 | 88932.91 | 0.63 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 7.70 | 7.81 | 7.82 | 7.77 | 0.83 | ppb |
| Cobalt | 59-2 | 67.96 | 68.89 | 68.36 | 68.40 | 0.68 | ppb |
| Copper | 63-2 | 15.54 | 15.41 | 15.21 | 15.38 | 1.06 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 213632.79 | 214765.60 | 213227.27 | 213875.22 | 0.37 | ppb |
| Iron | 57-2 | 212199.35 | 214301.36 | 213707.45 | 213402.72 | 0.51 | ppb |
| Iron | 54-2 | 213801.49 | 215773.32 | 214849.12 | 214807.98 | 0.46 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:05:13 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.89 | 0.88 | 0.90 | 0.89 | 0.86 | ppb |
| Lead | 207-1 | 0.82 | 0.84 | 0.79 | 0.82 | 3.21 | ppb |
| Lead | 208-1 | 0.85 | 0.85 | 0.82 | 0.84 | 2.29 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 38504.19 | 38897.77 | 38391.39 | 38597.78 | 0.69 | ppb |
| Manganese | 55-2 | 3311.12 | 3356.99 | 3321.80 | 3329.97 | 0.72 | ppb |
| Molybdenum | 94-1 | 1.39 | 1.30 | 1.32 | 1.34 | 3.49 | ppb |
| Molybdenum | 95-1 | 0.21 | 0.18 | 0.17 | 0.19 | 10.99 | ppb |
| Molybdenum | 96-1 | 1.57 | 1.56 | 1.52 | 1.55 | 1.51 | ppb |
| Molybdenum | 97-1 | 0.23 | 0.20 | 0.16 | 0.19 | 17.10 | ppb |
| Molybdenum | 98-1 | 0.17 | 0.16 | 0.13 | 0.15 | 13.41 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 27.00 | 27.52 | 27.11 | 27.21 | 0.99 | ppb |
| Phosphorus | 31-2 | 627.60 | 625.17 | 624.07 | 625.61 | 0.29 | ppb |
| Potassium | 39-2 | 728.53 | 743.12 | 735.35 | 735.67 | 0.99 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 0.41 | 0.29 | 0.41 | 0.37 | 19.75 | ppb |
| Selenium | 77-2 | 14.89 | 14.64 | 17.11 | 15.54 | 8.74 | ppb |
| Selenium | 78-2 | 1.76 | 1.04 | 1.13 | 1.31 | 30.01 | ppb |
| Silicon | 28-1 | 11027.01 | 11057.13 | 10943.56 | 11009.23 | 0.53 | ppb |
| Silver | 107-1 | 0.04 | 0.03 | 0.04 | 0.04 | 11.71 | ppb |
| Silver | 109-1 | 0.04 | 0.04 | 0.04 | 0.04 | 9.03 | ppb |
| Sodium | 23-2 | 12612.71 | 12790.35 | 12528.32 | 12643.79 | 1.06 | ppb |
| Strontium | 86-1 | 4054.77 | 4027.59 | 4035.14 | 4039.17 | 0.35 | ppb |
| Strontium | 88-1 | 4149.42 | 4146.20 | 4154.08 | 4149.90 | 0.10 | ppb |
| Sulfur | 34-1 | 239219.15 | 241805.47 | 240713.00 | 240579.21 | 0.54 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.05 | 0.05 | 0.05 | 0.05 | 1.24 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.04 | 0.04 | 8.21 | ppb |
| Tin | 118-1 | 0.20 | 0.21 | 0.21 | 0.21 | 1.28 | ppb |
| Titanium | 47-1 | 3.91 | 3.78 | 3.73 | 3.80 | 2.42 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:05:13 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.46 | 2.54 | 2.48 | 2.49 | 1.70 | ppb |
| Vanadium | 51-2 | 247.87 | 250.05 | 248.42 | 248.78 | 0.46 | ppb |
| Yttrium | 89-1 | | | | 122 | | % |
| Yttrium | 89-2 | | | | 119 | | % |
| Zinc | 66-2 | 245.64 | 248.16 | 246.72 | 246.84 | 0.51 | ppb |
| Zirconium | 90-1 | 0.62 | 0.60 | 0.59 | 0.60 | 2.36 | ppb |
| Zirconium | 91-1 | 0.66 | 0.63 | 0.60 | 0.63 | 4.79 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 13:08:22 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5043.27 | 4995.42 | 5026.92 | 5021.87 | 0.48 | ppb |
| Antimony | 121-1 | 0.03 | 0.03 | 0.02 | 0.03 | 12.87 | ppb |
| Arsenic | 75-2 | 0.33 | 0.35 | 0.30 | 0.33 | 6.84 | ppb |
| Barium | 135-1 | 8.52 | 8.57 | 8.46 | 8.52 | 0.59 | ppb |
| Barium | 137-1 | 8.51 | 8.46 | 8.44 | 8.47 | 0.48 | ppb |
| Beryllium | 9-1 | 0.14 | 0.17 | 0.16 | 0.15 | 10.38 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.10 | -0.02 | 0.07 | 0.05 | 116.64 | ppb |
| Cadmium | 106-1 | -1.00 | -1.53 | -1.29 | -1.27 | | ppb |
| Cadmium | 111-1 | -0.06 | -0.09 | -0.07 | -0.07 | | ppb |
| Calcium | 43-1 | 18265.69 | 18882.41 | 19005.22 | 18717.77 | 2.12 | ppb |
| Calcium | 44-1 | 17761.87 | 17773.88 | 18206.99 | 17914.25 | 1.42 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1.67 | 1.58 | 1.62 | 1.62 | 2.68 | ppb |
| Cobalt | 59-2 | 14.30 | 13.89 | 14.01 | 14.07 | 1.48 | ppb |
| Copper | 63-2 | 3.25 | 3.29 | 3.28 | 3.27 | 0.61 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 44294.70 | 43914.22 | 44176.41 | 44128.44 | 0.44 | ppb |
| Iron | 57-2 | 43552.04 | 43213.16 | 43291.80 | 43352.33 | 0.41 | ppb |
| Iron | 54-2 | 44384.81 | 44277.16 | 43691.66 | 44117.88 | 0.85 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 13:08:22 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.20 | 0.21 | 0.20 | 0.20 | 1.91 | ppb |
| Lead | 207-1 | 0.20 | 0.18 | 0.19 | 0.19 | 4.20 | ppb |
| Lead | 208-1 | 0.20 | 0.19 | 0.19 | 0.19 | 0.95 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 7717.59 | 7806.84 | 7833.71 | 7786.05 | 0.78 | ppb |
| Manganese | 55-2 | 687.48 | 677.23 | 676.74 | 680.48 | 0.89 | ppb |
| Molybdenum | 94-1 | 0.31 | 0.31 | 0.34 | 0.32 | 5.95 | ppb |
| Molybdenum | 95-1 | 0.05 | 0.05 | 0.05 | 0.05 | 4.04 | ppb |
| Molybdenum | 96-1 | 0.38 | 0.38 | 0.37 | 0.38 | 1.93 | ppb |
| Molybdenum | 97-1 | 0.06 | 0.03 | 0.05 | 0.05 | 31.32 | ppb |
| Molybdenum | 98-1 | 0.03 | 0.03 | 0.02 | 0.03 | 8.21 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 5.76 | 5.72 | 5.52 | 5.67 | 2.24 | ppb |
| Phosphorus | 31-2 | 123.51 | 115.11 | 115.16 | 117.92 | 4.10 | ppb |
| Potassium | 39-2 | 147.04 | 147.23 | 147.68 | 147.31 | 0.22 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 0.23 | -0.29 | -0.37 | -0.14 | | ppb |
| Selenium | 77-2 | 3.84 | 3.39 | 4.15 | 3.80 | 10.06 | ppb |
| Selenium | 78-2 | -0.69 | -0.38 | -0.87 | -0.65 | | ppb |
| Silicon | 28-1 | 2196.13 | 2275.42 | 2285.08 | 2252.21 | 2.17 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 24.42 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 11.38 | ppb |
| Sodium | 23-2 | 2562.85 | 2587.40 | 2553.28 | 2567.84 | 0.69 | ppb |
| Strontium | 86-1 | 969.57 | 993.24 | 980.48 | 981.10 | 1.21 | ppb |
| Strontium | 88-1 | 1002.56 | 1029.05 | 1025.42 | 1019.01 | 1.41 | ppb |
| Sulfur | 34-1 | 49203.96 | 49607.60 | 50188.05 | 49666.54 | 1.00 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.02 | 0.02 | 0.02 | 0.02 | 18.54 | ppb |
| Thallium | 205-1 | 0.01 | 0.01 | 0.01 | 0.01 | 6.32 | ppb |
| Tin | 118-1 | 0.06 | 0.06 | 0.07 | 0.06 | 5.03 | ppb |
| Titanium | 47-1 | 0.76 | 0.76 | 0.72 | 0.74 | 2.87 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 13:08:22 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.47 | 0.49 | 0.47 | 0.48 | 1.91 | ppb |
| Vanadium | 51-2 | 50.52 | 50.48 | 50.27 | 50.43 | 0.27 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 51.91 | 51.95 | 52.71 | 52.19 | 0.86 | ppb |
| Zirconium | 90-1 | 0.14 | 0.15 | 0.15 | 0.15 | 3.87 | ppb |
| Zirconium | 91-1 | 0.15 | 0.15 | 0.14 | 0.15 | 5.14 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:11:31 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25160.10 | 25210.30 | 25064.27 | 25144.89 | 0.30 | ppb |
| Antimony | 121-1 | 113.39 | 114.30 | 114.68 | 114.13 | 0.58 | ppb |
| Arsenic | 75-2 | 100.10 | 99.00 | 98.13 | 99.07 | 1.00 | ppb |
| Barium | 135-1 | 606.44 | 599.64 | 598.32 | 601.47 | 0.73 | ppb |
| Barium | 137-1 | 596.54 | 601.13 | 590.19 | 595.96 | 0.92 | ppb |
| Beryllium | 9-1 | 121.41 | 123.91 | 119.98 | 121.77 | 1.63 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 126.01 | 121.82 | 123.99 | 123.94 | 1.69 | ppb |
| Cadmium | 106-1 | 128.97 | 127.98 | 127.28 | 128.07 | 0.66 | ppb |
| Cadmium | 111-1 | 122.57 | 123.47 | 123.26 | 123.10 | 0.38 | ppb |
| Calcium | 43-1 | 93327.45 | 92761.74 | 92052.55 | 92713.92 | 0.69 | ppb |
| Calcium | 44-1 | 92517.29 | 93233.97 | 92567.03 | 92772.77 | 0.43 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 123.42 | 123.99 | 122.87 | 123.43 | 0.45 | ppb |
| Cobalt | 59-2 | 182.64 | 183.12 | 182.43 | 182.73 | 0.19 | ppb |
| Copper | 63-2 | 1023.09 | 1017.47 | 1014.88 | 1018.48 | 0.41 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 206815.95 | 209318.38 | 207686.18 | 207940.17 | 0.61 | ppb |
| Iron | 57-2 | 206559.84 | 208698.14 | 206363.30 | 207207.09 | 0.62 | ppb |
| Iron | 54-2 | 208259.55 | 210353.56 | 209643.22 | 209418.78 | 0.51 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:11:31 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 479.47 | 477.37 | 471.93 | 476.25 | 0.82 | ppb |
| Lead | 207-1 | 480.05 | 489.40 | 490.85 | 486.77 | 1.20 | ppb |
| Lead | 208-1 | 475.33 | 483.34 | 479.73 | 479.47 | 0.84 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 44940.23 | 44959.32 | 44788.07 | 44895.87 | 0.21 | ppb |
| Manganese | 55-2 | 4029.52 | 4097.61 | 4051.38 | 4059.50 | 0.86 | ppb |
| Molybdenum | 94-1 | 592.92 | 601.36 | 595.25 | 596.51 | 0.73 | ppb |
| Molybdenum | 95-1 | 513.02 | 519.71 | 524.49 | 519.08 | 1.11 | ppb |
| Molybdenum | 96-1 | 528.10 | 535.11 | 531.79 | 531.67 | 0.66 | ppb |
| Molybdenum | 97-1 | 519.67 | 522.57 | 518.37 | 520.20 | 0.41 | ppb |
| Molybdenum | 98-1 | 513.51 | 520.53 | 517.30 | 517.11 | 0.68 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 140.41 | 141.17 | 141.03 | 140.87 | 0.29 | ppb |
| Phosphorus | 31-2 | 590.30 | 592.55 | 579.58 | 587.48 | 1.18 | ppb |
| Potassium | 39-2 | 6111.94 | 6071.88 | 6033.71 | 6072.51 | 0.64 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 92.77 | 95.76 | 94.46 | 94.33 | 1.59 | ppb |
| Selenium | 77-2 | 108.03 | 112.54 | 109.76 | 110.11 | 2.07 | ppb |
| Selenium | 78-2 | 95.65 | 104.65 | 100.97 | 100.42 | 4.51 | ppb |
| Silicon | 28-1 | 10366.20 | 10403.14 | 10359.02 | 10376.12 | 0.23 | ppb |
| Silver | 107-1 | 0.21 | 0.21 | 0.21 | 0.21 | 0.51 | ppb |
| Silver | 109-1 | 0.12 | 0.13 | 0.12 | 0.12 | 4.80 | ppb |
| Sodium | 23-2 | 21170.70 | 21224.09 | 20951.97 | 21115.59 | 0.68 | ppb |
| Strontium | 86-1 | 6014.09 | 6134.37 | 6131.80 | 6093.42 | 1.13 | ppb |
| Strontium | 88-1 | 6193.51 | 6362.18 | 6331.14 | 6295.61 | 1.43 | ppb |
| Sulfur | 34-1 | 225087.14 | 225095.37 | 225080.40 | 225087.64 | 0.00 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 106.73 | 108.86 | 107.59 | 107.73 | 0.99 | ppb |
| Thallium | 205-1 | 118.50 | 119.05 | 117.08 | 118.21 | 0.86 | ppb |
| Tin | 118-1 | 105.79 | 107.45 | 107.28 | 106.84 | 0.86 | ppb |
| Titanium | 47-1 | 421.60 | 419.40 | 423.30 | 421.43 | 0.46 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:11:31 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 115.15 | 116.36 | 118.14 | 116.55 | 1.29 | ppb |
| Vanadium | 51-2 | 362.25 | 356.52 | 355.64 | 358.13 | 1.00 | ppb |
| Yttrium | 89-1 | | | | 122 | | % |
| Yttrium | 89-2 | | | | 116 | | % |
| Zinc | 66-2 | 1174.73 | 1180.55 | 1166.01 | 1173.76 | 0.62 | ppb |
| Zirconium | 90-1 | 92.69 | 95.57 | 94.23 | 94.16 | 1.53 | ppb |
| Zirconium | 91-1 | 91.74 | 94.25 | 92.86 | 92.95 | 1.35 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:14:22 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 24757.14 | 24625.31 | 24984.21 | 24788.89 | 0.73 | ppb |
| Antimony | 121-1 | 111.86 | 114.01 | 113.29 | 113.06 | 0.97 | ppb |
| Arsenic | 75-2 | 97.82 | 98.55 | 96.44 | 97.60 | 1.10 | ppb |
| Barium | 135-1 | 586.35 | 596.66 | 592.94 | 591.98 | 0.88 | ppb |
| Barium | 137-1 | 588.70 | 594.48 | 592.65 | 591.94 | 0.50 | ppb |
| Beryllium | 9-1 | 118.55 | 114.99 | 120.71 | 118.08 | 2.45 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 121.25 | 122.88 | 123.63 | 122.59 | 0.99 | ppb |
| Cadmium | 106-1 | 123.63 | 127.80 | 126.19 | 125.87 | 1.67 | ppb |
| Cadmium | 111-1 | 119.74 | 121.36 | 122.55 | 121.22 | 1.16 | ppb |
| Calcium | 43-1 | 93422.23 | 93459.48 | 93831.93 | 93571.21 | 0.24 | ppb |
| Calcium | 44-1 | 92267.31 | 93332.45 | 92969.66 | 92856.47 | 0.58 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 120.12 | 120.99 | 121.31 | 120.81 | 0.51 | ppb |
| Cobalt | 59-2 | 177.41 | 177.63 | 179.14 | 178.06 | 0.53 | ppb |
| Copper | 63-2 | 1009.00 | 1007.56 | 1022.94 | 1013.17 | 0.84 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 203883.96 | 203814.73 | 206407.14 | 204701.95 | 0.72 | ppb |
| Iron | 57-2 | 202900.40 | 202659.38 | 202886.07 | 202815.28 | 0.07 | ppb |
| Iron | 54-2 | 205023.22 | 204966.55 | 206975.89 | 205655.22 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:14:22 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 485.51 | 469.05 | 475.94 | 476.83 | 1.73 | ppb |
| Lead | 207-1 | 485.50 | 477.45 | 483.03 | 482.00 | 0.86 | ppb |
| Lead | 208-1 | 480.65 | 470.57 | 481.05 | 477.42 | 1.24 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 44284.83 | 43901.09 | 44600.89 | 44262.27 | 0.79 | ppb |
| Manganese | 55-2 | 3978.34 | 3979.74 | 4017.15 | 3991.74 | 0.55 | ppb |
| Molybdenum | 94-1 | 587.01 | 590.96 | 599.68 | 592.55 | 1.09 | ppb |
| Molybdenum | 95-1 | 513.48 | 513.77 | 524.78 | 517.34 | 1.25 | ppb |
| Molybdenum | 96-1 | 527.38 | 527.38 | 534.42 | 529.73 | 0.77 | ppb |
| Molybdenum | 97-1 | 510.81 | 517.26 | 529.07 | 519.04 | 1.78 | ppb |
| Molybdenum | 98-1 | 511.99 | 516.45 | 521.49 | 516.64 | 0.92 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 137.27 | 136.96 | 137.43 | 137.22 | 0.17 | ppb |
| Phosphorus | 31-2 | 555.11 | 603.83 | 603.02 | 587.32 | 4.75 | ppb |
| Potassium | 39-2 | 5930.14 | 6027.25 | 6093.19 | 6016.86 | 1.36 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 93.39 | 94.05 | 95.68 | 94.37 | 1.25 | ppb |
| Selenium | 77-2 | 109.70 | 108.89 | 105.22 | 107.94 | 2.21 | ppb |
| Selenium | 78-2 | 93.34 | 99.00 | 92.72 | 95.02 | 3.64 | ppb |
| Silicon | 28-1 | 10333.05 | 10350.36 | 10399.83 | 10361.08 | 0.33 | ppb |
| Silver | 107-1 | 0.21 | 0.21 | 0.22 | 0.21 | 3.61 | ppb |
| Silver | 109-1 | 0.12 | 0.12 | 0.12 | 0.12 | 1.70 | ppb |
| Sodium | 23-2 | 20748.07 | 20986.91 | 20939.36 | 20891.44 | 0.61 | ppb |
| Strontium | 86-1 | 6018.48 | 6092.78 | 6126.91 | 6079.39 | 0.91 | ppb |
| Strontium | 88-1 | 6241.40 | 6295.03 | 6239.16 | 6258.53 | 0.51 | ppb |
| Sulfur | 34-1 | 225374.10 | 224799.88 | 229491.62 | 226555.20 | 1.13 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 107.22 | 106.93 | 107.11 | 107.09 | 0.14 | ppb |
| Thallium | 205-1 | 116.50 | 115.51 | 115.98 | 115.99 | 0.43 | ppb |
| Tin | 118-1 | 105.26 | 107.09 | 108.40 | 106.92 | 1.48 | ppb |
| Titanium | 47-1 | 416.12 | 423.34 | 421.33 | 420.27 | 0.89 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:14:22 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 116.10 | 115.97 | 116.61 | 116.23 | 0.29 | ppb |
| Vanadium | 51-2 | 352.52 | 353.83 | 351.29 | 352.55 | 0.36 | ppb |
| Yttrium | 89-1 | | | | 121 | | % |
| Yttrium | 89-2 | | | | 115 | | % |
| Zinc | 66-2 | 1155.11 | 1159.26 | 1164.55 | 1159.64 | 0.41 | ppb |
| Zirconium | 90-1 | 91.96 | 94.34 | 93.72 | 93.34 | 1.33 | ppb |
| Zirconium | 91-1 | 90.70 | 91.43 | 93.82 | 91.98 | 1.77 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:17:16 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 24758.91 | 25136.71 | 24873.70 | 24923.11 | 0.78 | ppb |
| Antimony | 121-1 | 113.14 | 114.95 | 114.83 | 114.31 | 0.89 | ppb |
| Arsenic | 75-2 | 96.56 | 99.59 | 97.46 | 97.87 | 1.59 | ppb |
| Barium | 135-1 | 582.35 | 607.30 | 603.04 | 597.56 | 2.23 | ppb |
| Barium | 137-1 | 592.08 | 607.36 | 610.72 | 603.39 | 1.65 | ppb |
| Beryllium | 9-1 | 119.79 | 121.50 | 122.49 | 121.26 | 1.13 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 120.58 | 124.20 | 122.50 | 122.43 | 1.48 | ppb |
| Cadmium | 106-1 | 125.27 | 128.07 | 126.21 | 126.52 | 1.13 | ppb |
| Cadmium | 111-1 | 120.79 | 124.53 | 123.18 | 122.83 | 1.54 | ppb |
| Calcium | 43-1 | 91445.87 | 93972.60 | 94974.65 | 93464.37 | 1.95 | ppb |
| Calcium | 44-1 | 92375.13 | 94454.39 | 94854.70 | 93894.74 | 1.42 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 122.61 | 123.64 | 122.12 | 122.79 | 0.63 | ppb |
| Cobalt | 59-2 | 188.83 | 187.88 | 180.45 | 185.72 | 2.47 | ppb |
| Copper | 63-2 | 1027.28 | 1031.94 | 1019.31 | 1026.18 | 0.62 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 209577.69 | 208656.92 | 207087.48 | 208440.70 | 0.60 | ppb |
| Iron | 57-2 | 208243.06 | 209148.94 | 204173.18 | 207188.39 | 1.28 | ppb |
| Iron | 54-2 | 210480.13 | 209537.93 | 207265.61 | 209094.56 | 0.79 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:17:16 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 476.02 | 485.48 | 488.23 | 483.24 | 1.32 | ppb |
| Lead | 207-1 | 490.52 | 496.73 | 490.99 | 492.75 | 0.70 | ppb |
| Lead | 208-1 | 481.42 | 487.80 | 488.07 | 485.77 | 0.77 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 44323.96 | 45067.84 | 44792.59 | 44728.13 | 0.84 | ppb |
| Manganese | 55-2 | 4102.25 | 4087.36 | 4046.55 | 4078.72 | 0.71 | ppb |
| Molybdenum | 94-1 | 598.76 | 606.36 | 600.43 | 601.85 | 0.66 | ppb |
| Molybdenum | 95-1 | 527.26 | 526.53 | 529.39 | 527.73 | 0.28 | ppb |
| Molybdenum | 96-1 | 538.17 | 540.80 | 532.54 | 537.17 | 0.79 | ppb |
| Molybdenum | 97-1 | 528.03 | 530.79 | 524.52 | 527.78 | 0.60 | ppb |
| Molybdenum | 98-1 | 519.83 | 529.94 | 526.37 | 525.38 | 0.98 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 142.67 | 141.05 | 139.16 | 140.96 | 1.25 | ppb |
| Phosphorus | 31-2 | 591.95 | 594.62 | 591.97 | 592.85 | 0.26 | ppb |
| Potassium | 39-2 | 6094.58 | 5990.86 | 6135.47 | 6073.63 | 1.23 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 94.16 | 95.21 | 95.48 | 94.95 | 0.73 | ppb |
| Selenium | 77-2 | 103.15 | 107.55 | 114.92 | 108.54 | 5.48 | ppb |
| Selenium | 78-2 | 97.24 | 98.45 | 97.05 | 97.58 | 0.78 | ppb |
| Silicon | 28-1 | 10026.18 | 10544.23 | 10684.06 | 10418.16 | 3.33 | ppb |
| Silver | 107-1 | 0.23 | 0.22 | 0.21 | 0.22 | 3.96 | ppb |
| Silver | 109-1 | 0.13 | 0.12 | 0.13 | 0.13 | 5.94 | ppb |
| Sodium | 23-2 | 20751.77 | 21200.74 | 21073.79 | 21008.77 | 1.10 | ppb |
| Strontium | 86-1 | 6109.52 | 6104.63 | 6146.79 | 6120.31 | 0.38 | ppb |
| Strontium | 88-1 | 6294.30 | 6291.40 | 6383.56 | 6323.09 | 0.83 | ppb |
| Sulfur | 34-1 | 221611.89 | 229403.25 | 230950.15 | 227321.76 | 2.20 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 107.10 | 107.57 | 108.34 | 107.67 | 0.58 | ppb |
| Thallium | 205-1 | 115.51 | 117.29 | 116.31 | 116.37 | 0.77 | ppb |
| Tin | 118-1 | 106.75 | 108.21 | 108.61 | 107.86 | 0.91 | ppb |
| Titanium | 47-1 | 414.63 | 431.62 | 434.36 | 426.87 | 2.50 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:17:16 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 114.20 | 115.71 | 115.97 | 115.30 | 0.83 | ppb |
| Vanadium | 51-2 | 363.90 | 356.27 | 361.81 | 360.66 | 1.09 | ppb |
| Yttrium | 89-1 | | | | 121 | | % |
| Yttrium | 89-2 | | | | 116 | | % |
| Zinc | 66-2 | 1183.10 | 1193.66 | 1185.11 | 1187.29 | 0.47 | ppb |
| Zirconium | 90-1 | 94.24 | 95.67 | 95.32 | 95.08 | 0.78 | ppb |
| Zirconium | 91-1 | 93.14 | 93.79 | 93.93 | 93.62 | 0.45 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:20:07 | DataFile Name : | 037CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50822.60 | 51386.56 | 51023.46 | 51077.54 | 0.56 | ppb |
| Antimony | 121-1 | 506.80 | 503.08 | 515.52 | 508.47 | 1.26 | ppb |
| Arsenic | 75-2 | 499.18 | 491.17 | 493.71 | 494.69 | 0.83 | ppb |
| Barium | 135-1 | 2550.59 | 2548.25 | 2589.90 | 2562.91 | 0.91 | ppb |
| Barium | 137-1 | 2588.22 | 2567.76 | 2616.76 | 2590.91 | 0.95 | ppb |
| Beryllium | 9-1 | 495.26 | 510.83 | 503.85 | 503.31 | 1.55 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 496.55 | 485.86 | 503.45 | 495.29 | 1.79 | ppb |
| Cadmium | 106-1 | 494.78 | 491.06 | 507.92 | 497.92 | 1.78 | ppb |
| Cadmium | 111-1 | 478.41 | 472.90 | 485.46 | 478.92 | 1.31 | ppb |
| Calcium | 43-1 | 255792.67 | 258248.10 | 267257.53 | 260432.77 | 2.32 | ppb |
| Calcium | 44-1 | 256635.32 | 257245.81 | 267178.08 | 260353.07 | 2.27 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 504.57 | 511.41 | 503.74 | 506.57 | 0.83 | ppb |
| Cobalt | 59-2 | 483.03 | 494.02 | 493.01 | 490.02 | 1.24 | ppb |
| Copper | 63-2 | 4809.15 | 4887.43 | 4858.66 | 4851.75 | 0.82 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 89 | | % |
| Indium | 115-2 | | | | 86 | | % |
| Iron | 56-2 | 130081.09 | 130552.50 | 129277.11 | 129970.23 | 0.50 | ppb |
| Iron | 57-2 | 129832.98 | 129808.32 | 128803.17 | 129481.49 | 0.45 | ppb |
| Iron | 54-2 | 129872.23 | 130279.32 | 130956.11 | 130369.22 | 0.42 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:20:07 | DataFile Name : | 037CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2520.40 | 2575.37 | 2551.96 | 2549.24 | 1.08 | ppb |
| Lead | 207-1 | 2522.67 | 2565.37 | 2594.15 | 2560.73 | 1.40 | ppb |
| Lead | 208-1 | 2538.18 | 2566.07 | 2572.76 | 2559.00 | 0.72 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 240984.62 | 243046.30 | 240815.79 | 241615.57 | 0.51 | ppb |
| Manganese | 55-2 | 5024.26 | 5031.97 | 5005.87 | 5020.70 | 0.27 | ppb |
| Molybdenum | 94-1 | 5083.90 | 5145.31 | 5216.64 | 5148.62 | 1.29 | ppb |
| Molybdenum | 95-1 | 5083.95 | 5152.26 | 5240.68 | 5158.96 | 1.52 | ppb |
| Molybdenum | 96-1 | 5101.94 | 5117.56 | 5243.55 | 5154.35 | 1.51 | ppb |
| Molybdenum | 97-1 | 5071.95 | 5087.72 | 5202.21 | 5120.63 | 1.39 | ppb |
| Molybdenum | 98-1 | 5080.08 | 5114.37 | 5171.98 | 5122.15 | 0.91 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 467.49 | 474.38 | 466.92 | 469.60 | 0.88 | ppb |
| Phosphorus | 31-2 | 10026.40 | 10110.79 | 10131.98 | 10089.72 | 0.55 | ppb |
| Potassium | 39-2 | 124743.07 | 127233.76 | 126401.17 | 126126.00 | 1.01 | ppb |
| Rhodium | 103-1 | | | | 85 | | % |
| Rhodium | 103-2 | | | | 84 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 478.78 | 486.61 | 496.25 | 487.22 | 1.80 | ppb |
| Selenium | 77-2 | 503.61 | 462.48 | 476.49 | 480.86 | 4.35 | ppb |
| Selenium | 78-2 | 497.07 | 491.42 | 490.76 | 493.08 | 0.70 | ppb |
| Silicon | 28-1 | 204.55 | 208.43 | 217.79 | 210.26 | 3.24 | ppb |
| Silver | 107-1 | 501.98 | 487.09 | 510.10 | 499.72 | 2.34 | ppb |
| Silver | 109-1 | 492.22 | 489.80 | 500.03 | 494.02 | 1.08 | ppb |
| Sodium | 23-2 | 248446.65 | 249296.91 | 250104.51 | 249282.69 | 0.33 | ppb |
| Strontium | 86-1 | 12661.39 | 12742.48 | 12908.54 | 12770.80 | 0.99 | ppb |
| Strontium | 88-1 | 12686.33 | 12901.75 | 12843.00 | 12810.36 | 0.87 | ppb |
| Sulfur | 34-1 | 9261.57 | 9585.75 | 10019.56 | 9622.29 | 3.95 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 509.21 | 516.29 | 506.07 | 510.53 | 1.03 | ppb |
| Thallium | 205-1 | 507.96 | 511.87 | 513.19 | 511.00 | 0.53 | ppb |
| Tin | 118-1 | 508.03 | 499.32 | 515.43 | 507.60 | 1.59 | ppb |
| Titanium | 47-1 | 4949.07 | 5043.17 | 5169.32 | 5053.86 | 2.19 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:20:07 | DataFile Name : | 037CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 492.72 | 514.55 | 508.46 | 505.24 | 2.23 | ppb |
| Vanadium | 51-2 | 512.64 | 511.62 | 522.68 | 515.65 | 1.19 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 4761.34 | 4816.23 | 4772.19 | 4783.25 | 0.61 | ppb |
| Zirconium | 90-1 | 505.98 | 507.82 | 515.87 | 509.89 | 1.03 | ppb |
| Zirconium | 91-1 | 503.94 | 512.15 | 522.22 | 512.77 | 1.79 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:23:36 | DataFile Name : | 038CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.35 | 2.88 | 2.71 | 2.98 | 11.10 | ppb |
| Antimony | 121-1 | 0.18 | 0.17 | 0.14 | 0.16 | 12.32 | ppb |
| Arsenic | 75-2 | 0.03 | 0.01 | 0.03 | 0.02 | 50.41 | ppb |
| Barium | 135-1 | 0.26 | 0.25 | 0.22 | 0.24 | 9.52 | ppb |
| Barium | 137-1 | 0.27 | 0.24 | 0.20 | 0.24 | 14.10 | ppb |
| Beryllium | 9-1 | 0.11 | 0.10 | 0.07 | 0.09 | 21.88 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.13 | 0.18 | -0.02 | 0.10 | 103.13 | ppb |
| Cadmium | 106-1 | -1.85 | -1.51 | -1.93 | -1.76 | | ppb |
| Cadmium | 111-1 | -0.08 | -0.05 | -0.09 | -0.07 | | ppb |
| Calcium | 43-1 | 32.22 | 27.73 | 20.10 | 26.68 | 22.97 | ppb |
| Calcium | 44-1 | 27.72 | 25.91 | 20.81 | 24.81 | 14.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.01 | 0.01 | 0.03 | 0.02 | 68.45 | ppb |
| Cobalt | 59-2 | 0.03 | 0.03 | 0.02 | 0.03 | 20.05 | ppb |
| Copper | 63-2 | 0.39 | 0.33 | 0.29 | 0.34 | 15.90 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 11.06 | 10.36 | 9.28 | 10.24 | 8.76 | ppb |
| Iron | 57-2 | 10.03 | 11.07 | 8.65 | 9.92 | 12.22 | ppb |
| Iron | 54-2 | 12.01 | 10.58 | 8.72 | 10.44 | 15.77 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:23:36 | DataFile Name : | 038CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.30 | 0.26 | 0.24 | 0.27 | 11.62 | ppb |
| Lead | 207-1 | 0.31 | 0.28 | 0.23 | 0.28 | 15.50 | ppb |
| Lead | 208-1 | 0.30 | 0.27 | 0.24 | 0.27 | 12.33 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 15.83 | 14.68 | 13.91 | 14.81 | 6.55 | ppb |
| Manganese | 55-2 | 0.38 | 0.36 | 0.30 | 0.34 | 12.01 | ppb |
| Molybdenum | 94-1 | 0.69 | 0.59 | 0.47 | 0.58 | 18.62 | ppb |
| Molybdenum | 95-1 | 0.64 | 0.55 | 0.44 | 0.55 | 18.59 | ppb |
| Molybdenum | 96-1 | 0.61 | 0.56 | 0.48 | 0.55 | 11.85 | ppb |
| Molybdenum | 97-1 | 0.62 | 0.54 | 0.49 | 0.55 | 12.02 | ppb |
| Molybdenum | 98-1 | 0.62 | 0.56 | 0.47 | 0.55 | 13.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.07 | -0.01 | 0.02 | 0.03 | 142.98 | ppb |
| Phosphorus | 31-2 | -12.08 | -12.92 | -11.04 | -12.01 | | ppb |
| Potassium | 39-2 | 8.95 | 8.74 | 6.35 | 8.01 | 18.03 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | -0.22 | -0.25 | -0.04 | -0.17 | | ppb |
| Selenium | 77-2 | 0.01 | 0.01 | -0.16 | -0.04 | | ppb |
| Selenium | 78-2 | -0.67 | -0.98 | -0.68 | -0.78 | | ppb |
| Silicon | 28-1 | -13.30 | -12.81 | -12.17 | -12.76 | | ppb |
| Silver | 107-1 | 0.08 | 0.08 | 0.06 | 0.07 | 14.77 | ppb |
| Silver | 109-1 | 0.09 | 0.07 | 0.06 | 0.07 | 17.63 | ppb |
| Sodium | 23-2 | 26.85 | 25.66 | 23.99 | 25.50 | 5.63 | ppb |
| Strontium | 86-1 | 0.92 | 0.58 | 0.34 | 0.61 | 47.01 | ppb |
| Strontium | 88-1 | 1.46 | 1.42 | 1.21 | 1.36 | 9.77 | ppb |
| Sulfur | 34-1 | -539.91 | -528.72 | -489.83 | -519.49 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.06 | 0.06 | 0.05 | 0.06 | 8.40 | ppb |
| Thallium | 205-1 | 0.07 | 0.06 | 0.06 | 0.06 | 10.97 | ppb |
| Tin | 118-1 | 0.08 | 0.06 | 0.06 | 0.07 | 14.16 | ppb |
| Titanium | 47-1 | 0.59 | 0.52 | 0.39 | 0.50 | 20.12 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:23:36 | DataFile Name : | 038CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.05 | 0.05 | 0.04 | 0.05 | 11.84 | ppb |
| Vanadium | 51-2 | 0.03 | 0.04 | 0.03 | 0.03 | 15.07 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 0.30 | 0.32 | 0.34 | 0.32 | 6.11 | ppb |
| Zirconium | 90-1 | 0.06 | 0.06 | 0.05 | 0.06 | 8.24 | ppb |
| Zirconium | 91-1 | 0.06 | 0.07 | 0.05 | 0.06 | 17.56 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-08-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:27:13 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 30341.01 | 30279.89 | 30025.33 | 30215.41 | 0.55 | ppb |
| Antimony | 121-1 | 0.07 | 0.08 | 0.08 | 0.08 | 5.68 | ppb |
| Arsenic | 75-2 | 1.83 | 1.53 | 1.64 | 1.67 | 8.86 | ppb |
| Barium | 135-1 | 37.70 | 38.45 | 39.13 | 38.43 | 1.86 | ppb |
| Barium | 137-1 | 38.63 | 39.28 | 39.42 | 39.11 | 1.07 | ppb |
| Beryllium | 9-1 | 0.39 | 0.41 | 0.37 | 0.39 | 4.96 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.12 | 0.18 | 0.20 | 0.17 | 24.71 | ppb |
| Cadmium | 106-1 | 1.58 | 0.48 | 0.09 | 0.72 | 107.29 | ppb |
| Cadmium | 111-1 | 0.21 | 0.13 | 0.10 | 0.15 | 40.42 | ppb |
| Calcium | 43-1 | 58313.05 | 58914.28 | 58621.01 | 58616.11 | 0.51 | ppb |
| Calcium | 44-1 | 57893.34 | 58376.31 | 59687.34 | 58652.33 | 1.58 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 12.92 | 13.01 | 12.98 | 12.97 | 0.36 | ppb |
| Cobalt | 59-2 | 60.16 | 60.51 | 60.99 | 60.55 | 0.69 | ppb |
| Copper | 63-2 | 27.39 | 27.48 | 27.06 | 27.31 | 0.81 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 173128.03 | 173833.97 | 174325.32 | 173762.44 | 0.35 | ppb |
| Iron | 57-2 | 171795.34 | 172544.94 | 172812.78 | 172384.35 | 0.31 | ppb |
| Iron | 54-2 | 173571.86 | 173959.49 | 174606.75 | 174046.03 | 0.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-08-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:27:13 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.46 | 1.46 | 1.50 | 1.47 | 1.61 | ppb |
| Lead | 207-1 | 1.35 | 1.32 | 1.42 | 1.37 | 3.53 | ppb |
| Lead | 208-1 | 1.40 | 1.41 | 1.47 | 1.43 | 2.54 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 42531.18 | 42529.86 | 42488.81 | 42516.62 | 0.06 | ppb |
| Manganese | 55-2 | 1893.84 | 1895.10 | 1920.09 | 1903.01 | 0.78 | ppb |
| Molybdenum | 94-1 | 1.12 | 1.16 | 1.10 | 1.13 | 2.72 | ppb |
| Molybdenum | 95-1 | 0.11 | 0.12 | 0.13 | 0.12 | 6.12 | ppb |
| Molybdenum | 96-1 | 1.22 | 1.26 | 1.20 | 1.23 | 2.43 | ppb |
| Molybdenum | 97-1 | 0.14 | 0.12 | 0.13 | 0.13 | 7.90 | ppb |
| Molybdenum | 98-1 | 0.10 | 0.09 | 0.11 | 0.10 | 8.07 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 54.45 | 55.24 | 54.70 | 54.80 | 0.73 | ppb |
| Phosphorus | 31-2 | 1191.92 | 1239.18 | 1203.75 | 1211.62 | 2.03 | ppb |
| Potassium | 39-2 | 864.51 | 872.28 | 877.15 | 871.31 | 0.73 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.46 | 0.47 | 0.52 | 0.48 | 6.45 | ppb |
| Selenium | 77-2 | 11.50 | 12.14 | 14.72 | 12.78 | 13.33 | ppb |
| Selenium | 78-2 | 1.24 | 0.98 | 0.70 | 0.97 | 27.88 | ppb |
| Silicon | 28-1 | 9565.37 | 9718.09 | 9829.80 | 9704.42 | 1.37 | ppb |
| Silver | 107-1 | 0.04 | 0.04 | 0.04 | 0.04 | 6.60 | ppb |
| Silver | 109-1 | 0.03 | 0.04 | 0.03 | 0.03 | 4.19 | ppb |
| Sodium | 23-2 | 21446.28 | 21557.65 | 21478.67 | 21494.20 | 0.27 | ppb |
| Strontium | 86-1 | 3319.48 | 3341.92 | 3368.14 | 3343.18 | 0.73 | ppb |
| Strontium | 88-1 | 3447.30 | 3509.76 | 3446.31 | 3467.79 | 1.05 | ppb |
| Sulfur | 34-1 | 223144.65 | 223959.74 | 228521.81 | 225208.73 | 1.29 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.04 | 0.04 | 0.04 | 0.04 | 8.91 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.04 | 0.04 | 6.53 | ppb |
| Tin | 118-1 | 0.19 | 0.19 | 0.20 | 0.20 | 4.04 | ppb |
| Titanium | 47-1 | 6.11 | 5.98 | 6.18 | 6.09 | 1.66 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-08-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:27:13 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.19 | 2.21 | 2.20 | 2.20 | 0.32 | ppb |
| Vanadium | 51-2 | 255.16 | 256.88 | 253.39 | 255.14 | 0.68 | ppb |
| Yttrium | 89-1 | | | | 114 | | % |
| Yttrium | 89-2 | | | | 109 | | % |
| Zinc | 66-2 | 298.38 | 295.90 | 297.34 | 297.21 | 0.42 | ppb |
| Zirconium | 90-1 | 0.51 | 0.53 | 0.53 | 0.52 | 2.76 | ppb |
| Zirconium | 91-1 | 0.54 | 0.59 | 0.55 | 0.56 | 4.97 | ppb |

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On:12/25/2024 3:49:22 AM
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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-06DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-09-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:30:23 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16450.85 | 16157.02 | 16106.91 | 16238.26 | 1.14 | ppb |
| Antimony | 121-1 | 0.05 | 0.05 | 0.04 | 0.05 | 11.59 | ppb |
| Arsenic | 75-2 | 1.90 | 1.67 | 1.77 | 1.78 | 6.52 | ppb |
| Barium | 135-1 | 40.93 | 41.31 | 40.91 | 41.05 | 0.55 | ppb |
| Barium | 137-1 | 42.03 | 42.50 | 42.44 | 42.32 | 0.60 | ppb |
| Beryllium | 9-1 | 0.47 | 0.47 | 0.48 | 0.47 | 1.34 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.18 | 0.27 | 0.15 | 0.20 | 31.50 | ppb |
| Cadmium | 106-1 | 1.14 | 1.30 | 1.72 | 1.39 | 21.90 | ppb |
| Cadmium | 111-1 | 0.16 | 0.15 | 0.18 | 0.16 | 10.83 | ppb |
| Calcium | 43-1 | 103743.82 | 103797.84 | 104375.09 | 103972.25 | 0.34 | ppb |
| Calcium | 44-1 | 102369.91 | 103091.88 | 103835.76 | 103099.18 | 0.71 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.28 | 4.28 | 4.20 | 4.25 | 1.15 | ppb |
| Cobalt | 59-2 | 56.92 | 56.80 | 56.07 | 56.60 | 0.81 | ppb |
| Copper | 63-2 | 3.63 | 3.62 | 3.67 | 3.64 | 0.67 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 222593.02 | 220707.51 | 219942.28 | 221080.93 | 0.62 | ppb |
| Iron | 57-2 | 220638.49 | 219116.83 | 218385.61 | 219380.31 | 0.52 | ppb |
| Iron | 54-2 | 221771.23 | 220844.52 | 220989.56 | 221201.77 | 0.23 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-06DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-09-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:30:23 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.47 | 0.46 | 0.46 | 0.46 | 1.04 | ppb |
| Lead | 207-1 | 0.41 | 0.41 | 0.42 | 0.42 | 1.94 | ppb |
| Lead | 208-1 | 0.43 | 0.43 | 0.43 | 0.43 | 0.33 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 34371.41 | 33916.65 | 33952.33 | 34080.13 | 0.74 | ppb |
| Manganese | 55-2 | 3652.96 | 3621.56 | 3632.81 | 3635.78 | 0.44 | ppb |
| Molybdenum | 94-1 | 0.97 | 0.91 | 0.96 | 0.95 | 3.24 | ppb |
| Molybdenum | 95-1 | 0.15 | 0.14 | 0.14 | 0.14 | 3.11 | ppb |
| Molybdenum | 96-1 | 1.44 | 1.43 | 1.39 | 1.42 | 1.71 | ppb |
| Molybdenum | 97-1 | 0.17 | 0.13 | 0.14 | 0.15 | 13.86 | ppb |
| Molybdenum | 98-1 | 0.11 | 0.11 | 0.09 | 0.10 | 9.24 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.33 | 18.30 | 18.25 | 18.29 | 0.20 | ppb |
| Phosphorus | 31-2 | 134.68 | 142.43 | 142.81 | 139.98 | 3.28 | ppb |
| Potassium | 39-2 | 663.11 | 663.46 | 657.13 | 661.23 | 0.54 | ppb |
| Rhodium | 103-1 | | | | 90 | | % |
| Rhodium | 103-2 | | | | 89 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 0.63 | 0.22 | 0.41 | 0.42 | 48.85 | ppb |
| Selenium | 77-2 | 13.79 | 13.71 | 16.03 | 14.51 | 9.08 | ppb |
| Selenium | 78-2 | 1.13 | 1.79 | 1.13 | 1.35 | 27.96 | ppb |
| Silicon | 28-1 | 9349.72 | 9576.15 | 9463.49 | 9463.12 | 1.20 | ppb |
| Silver | 107-1 | 0.02 | 0.02 | 0.02 | 0.02 | 4.71 | ppb |
| Silver | 109-1 | 0.03 | 0.03 | 0.03 | 0.03 | 7.02 | ppb |
| Sodium | 23-2 | 9564.76 | 9584.83 | 9509.36 | 9552.99 | 0.41 | ppb |
| Strontium | 86-1 | 5138.82 | 5229.99 | 5171.21 | 5180.01 | 0.89 | ppb |
| Strontium | 88-1 | 5332.00 | 5376.98 | 5403.06 | 5370.68 | 0.67 | ppb |
| Sulfur | 34-1 | 230293.72 | 231176.59 | 233261.88 | 231577.40 | 0.66 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.04 | 0.03 | 0.03 | 0.03 | 13.28 | ppb |
| Thallium | 205-1 | 0.03 | 0.04 | 0.03 | 0.03 | 4.15 | ppb |
| Tin | 118-1 | 0.17 | 0.20 | 0.17 | 0.18 | 9.37 | ppb |
| Titanium | 47-1 | 2.53 | 2.61 | 2.67 | 2.60 | 2.78 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-06DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-09-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:30:23 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4.14 | 4.21 | 4.17 | 4.17 | 0.84 | ppb |
| Vanadium | 51-2 | 292.96 | 292.71 | 291.21 | 292.29 | 0.32 | ppb |
| Yttrium | 89-1 | | | | 120 | | % |
| Yttrium | 89-2 | | | | 117 | | % |
| Zinc | 66-2 | 234.69 | 234.24 | 232.80 | 233.91 | 0.42 | ppb |
| Zirconium | 90-1 | 0.40 | 0.41 | 0.39 | 0.40 | 1.70 | ppb |
| Zirconium | 91-1 | 0.39 | 0.41 | 0.39 | 0.40 | 2.67 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:33:31 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21416.53 | 21294.77 | 21160.09 | 21290.47 | 0.60 | ppb |
| Antimony | 121-1 | 0.04 | 0.03 | 0.04 | 0.04 | 2.43 | ppb |
| Arsenic | 75-2 | 1.13 | 1.21 | 1.16 | 1.17 | 3.69 | ppb |
| Barium | 135-1 | 35.95 | 37.10 | 37.49 | 36.85 | 2.18 | ppb |
| Barium | 137-1 | 36.64 | 37.65 | 37.99 | 37.43 | 1.88 | ppb |
| Beryllium | 9-1 | 0.65 | 0.63 | 0.74 | 0.68 | 8.45 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.22 | 0.32 | 0.15 | 0.23 | 38.42 | ppb |
| Cadmium | 106-1 | 1.05 | 1.21 | 1.18 | 1.15 | 7.37 | ppb |
| Cadmium | 111-1 | 0.12 | 0.12 | 0.14 | 0.13 | 9.22 | ppb |
| Calcium | 43-1 | 75378.92 | 79253.12 | 78509.81 | 77713.95 | 2.65 | ppb |
| Calcium | 44-1 | 75272.05 | 77522.18 | 78288.79 | 77027.68 | 2.04 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5.61 | 5.62 | 5.41 | 5.55 | 2.11 | ppb |
| Cobalt | 59-2 | 67.50 | 67.06 | 65.45 | 66.67 | 1.62 | ppb |
| Copper | 63-2 | 13.42 | 13.35 | 13.00 | 13.26 | 1.69 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 207037.66 | 203329.49 | 198832.36 | 203066.51 | 2.02 | ppb |
| Iron | 57-2 | 202602.12 | 200057.29 | 195285.65 | 199315.02 | 1.86 | ppb |
| Iron | 54-2 | 205933.47 | 202749.64 | 199006.29 | 202563.13 | 1.71 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:33:31 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.57 | 0.59 | 0.59 | 0.58 | 2.15 | ppb |
| Lead | 207-1 | 0.51 | 0.55 | 0.53 | 0.53 | 4.10 | ppb |
| Lead | 208-1 | 0.54 | 0.55 | 0.57 | 0.55 | 2.35 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 31091.50 | 30799.39 | 29874.77 | 30588.56 | 2.08 | ppb |
| Manganese | 55-2 | 3090.63 | 3064.31 | 2991.01 | 3048.65 | 1.69 | ppb |
| Molybdenum | 94-1 | 1.58 | 1.61 | 1.60 | 1.60 | 1.11 | ppb |
| Molybdenum | 95-1 | 0.09 | 0.10 | 0.09 | 0.09 | 8.28 | ppb |
| Molybdenum | 96-1 | 1.40 | 1.44 | 1.41 | 1.42 | 1.59 | ppb |
| Molybdenum | 97-1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.36 | ppb |
| Molybdenum | 98-1 | 0.05 | 0.05 | 0.06 | 0.06 | 8.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 16.59 | 16.31 | 15.88 | 16.26 | 2.22 | ppb |
| Phosphorus | 31-2 | 469.64 | 490.81 | 490.60 | 483.68 | 2.51 | ppb |
| Potassium | 39-2 | 729.12 | 708.08 | 696.86 | 711.35 | 2.30 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.70 | 0.78 | 0.35 | 0.61 | 37.07 | ppb |
| Selenium | 77-2 | 13.96 | 15.12 | 13.50 | 14.19 | 5.87 | ppb |
| Selenium | 78-2 | 0.05 | 0.89 | 0.67 | 0.53 | 81.18 | ppb |
| Silicon | 28-1 | 11006.82 | 11600.56 | 11601.87 | 11403.08 | 3.01 | ppb |
| Silver | 107-1 | 0.03 | 0.03 | 0.02 | 0.03 | 8.38 | ppb |
| Silver | 109-1 | 0.02 | 0.02 | 0.02 | 0.02 | 7.42 | ppb |
| Sodium | 23-2 | 10721.17 | 10600.88 | 10286.91 | 10536.32 | 2.13 | ppb |
| Strontium | 86-1 | 3831.09 | 3940.36 | 3898.05 | 3889.83 | 1.42 | ppb |
| Strontium | 88-1 | 3967.29 | 4095.35 | 4018.19 | 4026.94 | 1.60 | ppb |
| Sulfur | 34-1 | 209052.52 | 212422.78 | 216256.93 | 212577.41 | 1.70 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.03 | 0.03 | 0.02 | 0.03 | 20.02 | ppb |
| Thallium | 205-1 | 0.03 | 0.03 | 0.03 | 0.03 | 4.95 | ppb |
| Tin | 118-1 | 0.22 | 0.23 | 0.24 | 0.23 | 4.09 | ppb |
| Titanium | 47-1 | 3.88 | 3.96 | 3.95 | 3.93 | 1.16 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:33:31 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.18 | 2.29 | 2.32 | 2.26 | 3.25 | ppb |
| Vanadium | 51-2 | 220.96 | 216.66 | 212.36 | 216.66 | 1.98 | ppb |
| Yttrium | 89-1 | | | | 123 | | % |
| Yttrium | 89-2 | | | | 119 | | % |
| Zinc | 66-2 | 248.46 | 244.83 | 238.68 | 243.99 | 2.03 | ppb |
| Zirconium | 90-1 | 0.79 | 0.83 | 0.82 | 0.81 | 2.33 | ppb |
| Zirconium | 91-1 | 0.84 | 0.83 | 0.86 | 0.84 | 1.60 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:36:42 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19943.39 | 19554.93 | 19535.99 | 19678.10 | 1.17 | ppb |
| Antimony | 121-1 | 0.03 | 0.03 | 0.04 | 0.03 | 7.54 | ppb |
| Arsenic | 75-2 | 1.19 | 1.37 | 1.14 | 1.24 | 9.47 | ppb |
| Barium | 135-1 | 37.04 | 37.22 | 37.03 | 37.10 | 0.28 | ppb |
| Barium | 137-1 | 37.63 | 37.70 | 37.99 | 37.77 | 0.50 | ppb |
| Beryllium | 9-1 | 0.66 | 0.67 | 0.62 | 0.65 | 3.70 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.25 | 0.19 | 0.07 | 0.17 | 51.89 | ppb |
| Cadmium | 106-1 | 2.09 | 1.16 | 0.16 | 1.14 | 85.25 | ppb |
| Cadmium | 111-1 | 0.22 | 0.16 | 0.07 | 0.15 | 48.66 | ppb |
| Calcium | 43-1 | 91642.10 | 92268.36 | 94501.54 | 92804.00 | 1.62 | ppb |
| Calcium | 44-1 | 92197.26 | 92067.53 | 93377.95 | 92547.58 | 0.78 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.77 | 4.69 | 4.71 | 4.72 | 0.88 | ppb |
| Cobalt | 59-2 | 61.77 | 62.28 | 62.01 | 62.02 | 0.41 | ppb |
| Copper | 63-2 | 10.18 | 10.14 | 10.06 | 10.13 | 0.63 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 199442.42 | 199109.54 | 198319.73 | 198957.23 | 0.29 | ppb |
| Iron | 57-2 | 198958.67 | 197696.92 | 197454.56 | 198036.72 | 0.41 | ppb |
| Iron | 54-2 | 197647.46 | 200106.06 | 198883.17 | 198878.90 | 0.62 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:36:42 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.42 | 0.44 | 0.45 | 0.44 | 3.54 | ppb |
| Lead | 207-1 | 0.42 | 0.41 | 0.43 | 0.42 | 3.05 | ppb |
| Lead | 208-1 | 0.41 | 0.42 | 0.43 | 0.42 | 2.14 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 31195.97 | 31151.49 | 31267.62 | 31205.02 | 0.19 | ppb |
| Manganese | 55-2 | 3473.13 | 3524.35 | 3476.25 | 3491.24 | 0.82 | ppb |
| Molybdenum | 94-1 | 1.28 | 1.30 | 1.33 | 1.30 | 1.90 | ppb |
| Molybdenum | 95-1 | 0.09 | 0.08 | 0.09 | 0.08 | 9.30 | ppb |
| Molybdenum | 96-1 | 1.30 | 1.33 | 1.34 | 1.33 | 1.50 | ppb |
| Molybdenum | 97-1 | 0.08 | 0.09 | 0.09 | 0.08 | 7.14 | ppb |
| Molybdenum | 98-1 | 0.04 | 0.03 | 0.04 | 0.04 | 3.21 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 15.64 | 15.70 | 15.11 | 15.48 | 2.10 | ppb |
| Phosphorus | 31-2 | 379.76 | 377.14 | 371.07 | 375.99 | 1.19 | ppb |
| Potassium | 39-2 | 701.48 | 698.63 | 702.09 | 700.73 | 0.26 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.55 | 0.44 | 0.62 | 0.54 | 17.56 | ppb |
| Selenium | 77-2 | 12.70 | 14.76 | 13.91 | 13.79 | 7.48 | ppb |
| Selenium | 78-2 | 0.75 | 1.52 | 1.29 | 1.19 | 33.13 | ppb |
| Silicon | 28-1 | 10100.80 | 10126.58 | 10297.81 | 10175.06 | 1.05 | ppb |
| Silver | 107-1 | 0.03 | 0.02 | 0.02 | 0.02 | 12.65 | ppb |
| Silver | 109-1 | 0.02 | 0.02 | 0.02 | 0.02 | 13.72 | ppb |
| Sodium | 23-2 | 9442.34 | 9334.84 | 9376.62 | 9384.60 | 0.58 | ppb |
| Strontium | 86-1 | 4296.39 | 4307.92 | 4356.72 | 4320.35 | 0.74 | ppb |
| Strontium | 88-1 | 4446.71 | 4478.94 | 4485.33 | 4470.33 | 0.46 | ppb |
| Sulfur | 34-1 | 217978.55 | 219476.73 | 220839.28 | 219431.52 | 0.65 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.02 | 0.03 | 0.02 | 0.02 | 12.78 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 4.07 | ppb |
| Tin | 118-1 | 0.17 | 0.19 | 0.18 | 0.18 | 5.47 | ppb |
| Titanium | 47-1 | 3.34 | 3.25 | 3.34 | 3.31 | 1.56 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:36:42 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.39 | 2.42 | 2.46 | 2.42 | 1.40 | ppb |
| Vanadium | 51-2 | 217.72 | 217.93 | 217.33 | 217.66 | 0.14 | ppb |
| Yttrium | 89-1 | | | | 123 | | % |
| Yttrium | 89-2 | | | | 116 | | % |
| Zinc | 66-2 | 231.93 | 233.00 | 230.87 | 231.94 | 0.46 | ppb |
| Zirconium | 90-1 | 0.64 | 0.63 | 0.64 | 0.64 | 0.97 | ppb |
| Zirconium | 91-1 | 0.64 | 0.63 | 0.67 | 0.65 | 2.96 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-12DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-12-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:39:49 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 33149.76 | 33315.41 | 33424.27 | 33296.48 | 0.42 | ppb |
| Antimony | 121-1 | 0.02 | 0.02 | 0.02 | 0.02 | 5.31 | ppb |
| Arsenic | 75-2 | 1.52 | 1.73 | 1.53 | 1.59 | 7.54 | ppb |
| Barium | 135-1 | 32.15 | 32.79 | 32.85 | 32.60 | 1.18 | ppb |
| Barium | 137-1 | 32.98 | 33.26 | 33.56 | 33.27 | 0.88 | ppb |
| Beryllium | 9-1 | 0.16 | 0.16 | 0.19 | 0.17 | 11.87 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.10 | 0.19 | 0.27 | 0.18 | 44.65 | ppb |
| Cadmium | 106-1 | 0.67 | 0.99 | 0.14 | 0.60 | 71.41 | ppb |
| Cadmium | 111-1 | 0.14 | 0.15 | 0.07 | 0.12 | 33.65 | ppb |
| Calcium | 43-1 | 46705.09 | 48033.90 | 47080.00 | 47273.00 | 1.45 | ppb |
| Calcium | 44-1 | 45936.82 | 47791.84 | 47651.25 | 47126.63 | 2.19 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 16.24 | 16.06 | 16.17 | 16.16 | 0.57 | ppb |
| Cobalt | 59-2 | 55.50 | 55.67 | 55.56 | 55.58 | 0.15 | ppb |
| Copper | 63-2 | 31.34 | 31.39 | 31.30 | 31.34 | 0.15 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 152645.70 | 151617.41 | 152207.30 | 152156.80 | 0.34 | ppb |
| Iron | 57-2 | 151417.07 | 148999.56 | 151420.64 | 150612.42 | 0.93 | ppb |
| Iron | 54-2 | 152102.18 | 151487.03 | 152214.20 | 151934.47 | 0.26 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-12DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-12-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:39:49 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.41 | 1.41 | 1.40 | 1.41 | 0.36 | ppb |
| Lead | 207-1 | 1.31 | 1.29 | 1.31 | 1.30 | 0.97 | ppb |
| Lead | 208-1 | 1.34 | 1.35 | 1.36 | 1.35 | 0.52 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 44661.35 | 44709.52 | 44440.36 | 44603.74 | 0.32 | ppb |
| Manganese | 55-2 | 1212.08 | 1200.70 | 1208.55 | 1207.11 | 0.48 | ppb |
| Molybdenum | 94-1 | 0.88 | 0.91 | 0.97 | 0.92 | 4.91 | ppb |
| Molybdenum | 95-1 | 0.07 | 0.06 | 0.08 | 0.07 | 15.86 | ppb |
| Molybdenum | 96-1 | 1.07 | 1.14 | 1.12 | 1.11 | 3.23 | ppb |
| Molybdenum | 97-1 | 0.10 | 0.10 | 0.09 | 0.10 | 7.65 | ppb |
| Molybdenum | 98-1 | 0.06 | 0.06 | 0.06 | 0.06 | 2.46 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 72.18 | 71.57 | 72.47 | 72.07 | 0.64 | ppb |
| Phosphorus | 31-2 | 1164.80 | 1188.36 | 1193.25 | 1182.14 | 1.29 | ppb |
| Potassium | 39-2 | 901.30 | 902.46 | 894.29 | 899.35 | 0.49 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.98 | 0.52 | 0.45 | 0.65 | 44.10 | ppb |
| Selenium | 77-2 | 13.33 | 14.13 | 11.67 | 13.04 | 9.64 | ppb |
| Selenium | 78-2 | 1.64 | 1.96 | 1.11 | 1.57 | 27.27 | ppb |
| Silicon | 28-1 | 8555.19 | 8810.15 | 8933.19 | 8766.18 | 2.20 | ppb |
| Silver | 107-1 | 0.04 | 0.04 | 0.04 | 0.04 | 9.12 | ppb |
| Silver | 109-1 | 0.03 | 0.04 | 0.04 | 0.04 | 17.21 | ppb |
| Sodium | 23-2 | 23296.63 | 23243.30 | 23292.86 | 23277.60 | 0.13 | ppb |
| Strontium | 86-1 | 2909.46 | 3043.07 | 3047.78 | 3000.10 | 2.62 | ppb |
| Strontium | 88-1 | 3058.82 | 3118.86 | 3094.82 | 3090.83 | 0.98 | ppb |
| Sulfur | 34-1 | 213474.15 | 220269.68 | 222484.38 | 218742.73 | 2.15 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.02 | 0.03 | 0.03 | 0.03 | 5.65 | ppb |
| Thallium | 205-1 | 0.02 | 0.03 | 0.02 | 0.02 | 13.22 | ppb |
| Tin | 118-1 | 0.12 | 0.13 | 0.14 | 0.13 | 4.72 | ppb |
| Titanium | 47-1 | 3.99 | 3.95 | 4.21 | 4.05 | 3.46 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-12DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-12-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:39:49 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.08 | 2.12 | 2.15 | 2.12 | 1.74 | ppb |
| Vanadium | 51-2 | 279.63 | 278.20 | 277.44 | 278.42 | 0.40 | ppb |
| Yttrium | 89-1 | | | | 117 | | % |
| Yttrium | 89-2 | | | | 111 | | % |
| Zinc | 66-2 | 297.75 | 298.50 | 300.13 | 298.80 | 0.41 | ppb |
| Zirconium | 90-1 | 0.42 | 0.44 | 0.45 | 0.44 | 3.12 | ppb |
| Zirconium | 91-1 | 0.42 | 0.49 | 0.44 | 0.45 | 7.82 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-14DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-13-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:43:00 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25015.33 | 24952.41 | 25238.78 | 25068.84 | 0.60 | ppb |
| Antimony | 121-1 | 0.02 | 0.03 | 0.02 | 0.03 | 5.88 | ppb |
| Arsenic | 75-2 | 1.78 | 1.72 | 1.92 | 1.81 | 5.62 | ppb |
| Barium | 135-1 | 35.42 | 35.55 | 35.37 | 35.45 | 0.27 | ppb |
| Barium | 137-1 | 35.93 | 36.27 | 35.86 | 36.02 | 0.60 | ppb |
| Beryllium | 9-1 | 0.21 | 0.26 | 0.23 | 0.23 | 11.34 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.16 | 0.07 | 0.23 | 0.16 | 52.10 | ppb |
| Cadmium | 106-1 | 0.74 | 1.23 | 0.44 | 0.80 | 49.80 | ppb |
| Cadmium | 111-1 | 0.13 | 0.15 | 0.10 | 0.12 | 21.88 | ppb |
| Calcium | 43-1 | 57403.87 | 58680.01 | 60849.69 | 58977.85 | 2.95 | ppb |
| Calcium | 44-1 | 58406.80 | 57850.28 | 58345.42 | 58200.83 | 0.52 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 14.82 | 14.58 | 14.66 | 14.69 | 0.85 | ppb |
| Cobalt | 59-2 | 59.08 | 58.77 | 58.20 | 58.68 | 0.76 | ppb |
| Copper | 63-2 | 27.88 | 27.68 | 27.90 | 27.82 | 0.42 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 172806.33 | 173775.23 | 173776.33 | 173452.63 | 0.32 | ppb |
| Iron | 57-2 | 172894.01 | 170748.04 | 171514.10 | 171718.72 | 0.63 | ppb |
| Iron | 54-2 | 175392.69 | 174443.76 | 174502.73 | 174779.73 | 0.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-14DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-13-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:43:00 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.06 | 1.03 | 1.04 | 1.04 | 1.10 | ppb |
| Lead | 207-1 | 0.97 | 0.98 | 0.97 | 0.97 | 0.57 | ppb |
| Lead | 208-1 | 1.01 | 0.99 | 1.02 | 1.01 | 1.30 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 43503.63 | 43625.02 | 43862.44 | 43663.70 | 0.42 | ppb |
| Manganese | 55-2 | 1669.06 | 1651.99 | 1663.10 | 1661.39 | 0.52 | ppb |
| Molybdenum | 94-1 | 1.02 | 1.04 | 1.09 | 1.05 | 3.30 | ppb |
| Molybdenum | 95-1 | 0.10 | 0.09 | 0.08 | 0.09 | 9.48 | ppb |
| Molybdenum | 96-1 | 1.22 | 1.29 | 1.28 | 1.27 | 3.21 | ppb |
| Molybdenum | 97-1 | 0.11 | 0.10 | 0.12 | 0.11 | 9.50 | ppb |
| Molybdenum | 98-1 | 0.07 | 0.07 | 0.07 | 0.07 | 1.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 63.84 | 64.18 | 63.62 | 63.88 | 0.44 | ppb |
| Phosphorus | 31-2 | 1062.81 | 1056.83 | 1050.00 | 1056.55 | 0.61 | ppb |
| Potassium | 39-2 | 929.41 | 922.67 | 920.25 | 924.11 | 0.51 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 0.44 | 0.22 | 0.40 | 0.35 | 32.70 | ppb |
| Selenium | 77-2 | 14.57 | 12.17 | 13.18 | 13.31 | 9.06 | ppb |
| Selenium | 78-2 | 1.75 | 1.74 | 1.41 | 1.63 | 11.79 | ppb |
| Silicon | 28-1 | 9386.20 | 9507.33 | 9542.57 | 9478.70 | 0.87 | ppb |
| Silver | 107-1 | 0.03 | 0.04 | 0.03 | 0.03 | 18.01 | ppb |
| Silver | 109-1 | 0.03 | 0.04 | 0.03 | 0.03 | 14.96 | ppb |
| Sodium | 23-2 | 26858.81 | 26611.12 | 26609.08 | 26693.00 | 0.54 | ppb |
| Strontium | 86-1 | 3558.24 | 3591.31 | 3621.02 | 3590.19 | 0.87 | ppb |
| Strontium | 88-1 | 3691.70 | 3690.44 | 3718.20 | 3700.11 | 0.42 | ppb |
| Sulfur | 34-1 | 218781.99 | 217439.42 | 217838.94 | 218020.12 | 0.32 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.02 | 0.03 | 0.02 | 0.02 | 20.75 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 7.93 | ppb |
| Tin | 118-1 | 0.48 | 0.49 | 0.48 | 0.48 | 0.55 | ppb |
| Titanium | 47-1 | 5.22 | 5.21 | 5.56 | 5.33 | 3.74 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-14DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-13-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:43:00 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.11 | 2.14 | 2.13 | 2.12 | 0.78 | ppb |
| Vanadium | 51-2 | 270.00 | 270.64 | 270.25 | 270.30 | 0.12 | ppb |
| Yttrium | 89-1 | | | | 118 | | % |
| Yttrium | 89-2 | | | | 112 | | % |
| Zinc | 66-2 | 291.90 | 286.19 | 287.93 | 288.68 | 1.01 | ppb |
| Zirconium | 90-1 | 0.48 | 0.49 | 0.48 | 0.49 | 0.84 | ppb |
| Zirconium | 91-1 | 0.49 | 0.45 | 0.49 | 0.48 | 4.88 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-16DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-14-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:46:07 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 32836.29 | 32636.49 | 32275.02 | 32582.60 | 0.87 | ppb |
| Antimony | 121-1 | 0.49 | 0.49 | 0.50 | 0.49 | 1.74 | ppb |
| Arsenic | 75-2 | 1.48 | 1.57 | 1.45 | 1.50 | 3.99 | ppb |
| Barium | 135-1 | 34.53 | 35.23 | 35.75 | 35.17 | 1.74 | ppb |
| Barium | 137-1 | 35.44 | 35.64 | 36.09 | 35.72 | 0.93 | ppb |
| Beryllium | 9-1 | 0.21 | 0.20 | 0.24 | 0.22 | 8.25 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.23 | 0.17 | 0.33 | 0.24 | 31.22 | ppb |
| Cadmium | 106-1 | 1.52 | 1.11 | 0.54 | 1.06 | 46.32 | ppb |
| Cadmium | 111-1 | 0.20 | 0.18 | 0.14 | 0.17 | 17.07 | ppb |
| Calcium | 43-1 | 45352.00 | 45689.24 | 45579.15 | 45540.13 | 0.38 | ppb |
| Calcium | 44-1 | 45536.34 | 45413.69 | 45427.93 | 45459.32 | 0.15 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 16.39 | 16.38 | 16.24 | 16.34 | 0.50 | ppb |
| Cobalt | 59-2 | 54.69 | 54.94 | 54.92 | 54.85 | 0.25 | ppb |
| Copper | 63-2 | 30.87 | 30.87 | 30.71 | 30.82 | 0.30 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 136788.05 | 137743.63 | 137029.87 | 137187.18 | 0.36 | ppb |
| Iron | 57-2 | 135604.87 | 135860.75 | 135298.79 | 135588.14 | 0.21 | ppb |
| Iron | 54-2 | 136014.08 | 137879.15 | 137900.78 | 137264.67 | 0.79 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-16DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-14-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:46:07 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2.08 | 2.10 | 2.13 | 2.10 | 1.26 | ppb |
| Lead | 207-1 | 1.91 | 1.98 | 1.92 | 1.93 | 1.98 | ppb |
| Lead | 208-1 | 1.99 | 2.05 | 2.03 | 2.02 | 1.46 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 45156.82 | 45061.52 | 44770.21 | 44996.18 | 0.45 | ppb |
| Manganese | 55-2 | 1311.30 | 1329.90 | 1318.15 | 1319.78 | 0.71 | ppb |
| Molybdenum | 94-1 | 0.76 | 0.74 | 0.79 | 0.76 | 3.22 | ppb |
| Molybdenum | 95-1 | 0.09 | 0.09 | 0.08 | 0.09 | 7.62 | ppb |
| Molybdenum | 96-1 | 1.03 | 1.07 | 1.03 | 1.04 | 2.26 | ppb |
| Molybdenum | 97-1 | 0.10 | 0.11 | 0.11 | 0.11 | 7.29 | ppb |
| Molybdenum | 98-1 | 0.07 | 0.09 | 0.07 | 0.08 | 10.72 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 66.86 | 66.69 | 67.42 | 66.99 | 0.57 | ppb |
| Phosphorus | 31-2 | 837.74 | 785.48 | 809.14 | 810.79 | 3.23 | ppb |
| Potassium | 39-2 | 866.18 | 868.04 | 866.48 | 866.90 | 0.12 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 0.26 | 0.02 | 0.39 | 0.23 | 83.62 | ppb |
| Selenium | 77-2 | 14.17 | 12.86 | 13.11 | 13.38 | 5.18 | ppb |
| Selenium | 78-2 | 1.29 | 0.79 | 1.76 | 1.28 | 38.14 | ppb |
| Silicon | 28-1 | 8410.30 | 8428.20 | 8492.43 | 8443.64 | 0.51 | ppb |
| Silver | 107-1 | 0.04 | 0.04 | 0.04 | 0.04 | 2.21 | ppb |
| Silver | 109-1 | 0.04 | 0.04 | 0.04 | 0.04 | 4.31 | ppb |
| Sodium | 23-2 | 21678.36 | 21734.47 | 21519.00 | 21643.94 | 0.52 | ppb |
| Strontium | 86-1 | 2628.27 | 2651.71 | 2648.63 | 2642.87 | 0.48 | ppb |
| Strontium | 88-1 | 2724.15 | 2725.32 | 2739.74 | 2729.74 | 0.32 | ppb |
| Sulfur | 34-1 | 225830.35 | 222094.50 | 224557.79 | 224160.88 | 0.85 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.03 | 0.02 | 0.03 | 0.03 | 20.02 | ppb |
| Thallium | 205-1 | 0.03 | 0.02 | 0.03 | 0.03 | 6.39 | ppb |
| Tin | 118-1 | 0.48 | 0.49 | 0.50 | 0.49 | 2.65 | ppb |
| Titanium | 47-1 | 5.30 | 5.01 | 5.27 | 5.19 | 3.09 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-16DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-14-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:46:07 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.97 | 2.06 | 2.07 | 2.03 | 2.68 | ppb |
| Vanadium | 51-2 | 267.84 | 268.73 | 269.11 | 268.56 | 0.24 | ppb |
| Yttrium | 89-1 | | | | 117 | | % |
| Yttrium | 89-2 | | | | 112 | | % |
| Zinc | 66-2 | 291.07 | 293.49 | 290.58 | 291.71 | 0.54 | ppb |
| Zirconium | 90-1 | 0.34 | 0.36 | 0.33 | 0.34 | 3.74 | ppb |
| Zirconium | 91-1 | 0.32 | 0.35 | 0.35 | 0.34 | 5.16 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-18DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-06R-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:49:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20275.73 | 19972.40 | 19833.34 | 20027.16 | 1.13 | ppb |
| Antimony | 121-1 | 2.21 | 2.26 | 2.28 | 2.25 | 1.57 | ppb |
| Arsenic | 75-2 | 1.48 | 1.52 | 1.56 | 1.52 | 2.71 | ppb |
| Barium | 135-1 | 39.20 | 39.93 | 40.34 | 39.82 | 1.45 | ppb |
| Barium | 137-1 | 39.76 | 40.67 | 40.62 | 40.35 | 1.26 | ppb |
| Beryllium | 9-1 | 0.49 | 0.52 | 0.44 | 0.48 | 9.32 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.13 | 0.22 | 0.31 | 0.22 | 41.10 | ppb |
| Cadmium | 106-1 | 1.64 | 1.34 | 1.22 | 1.40 | 15.35 | ppb |
| Cadmium | 111-1 | 0.17 | 0.15 | 0.17 | 0.16 | 7.78 | ppb |
| Calcium | 43-1 | 87692.53 | 87411.98 | 88360.49 | 87821.67 | 0.55 | ppb |
| Calcium | 44-1 | 87103.53 | 87221.65 | 87340.56 | 87221.91 | 0.14 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8.51 | 8.50 | 8.38 | 8.47 | 0.90 | ppb |
| Cobalt | 59-2 | 63.07 | 62.09 | 61.92 | 62.36 | 1.00 | ppb |
| Copper | 63-2 | 16.99 | 16.74 | 16.58 | 16.77 | 1.23 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 199116.84 | 198609.51 | 198581.95 | 198769.43 | 0.15 | ppb |
| Iron | 57-2 | 201700.29 | 197770.10 | 195865.34 | 198445.25 | 1.50 | ppb |
| Iron | 54-2 | 204138.13 | 200068.12 | 197156.36 | 200454.20 | 1.75 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-18DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-06R-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:49:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.60 | 0.58 | 0.62 | 0.60 | 3.42 | ppb |
| Lead | 207-1 | 0.57 | 0.54 | 0.54 | 0.55 | 3.18 | ppb |
| Lead | 208-1 | 0.57 | 0.57 | 0.58 | 0.57 | 1.13 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 37630.96 | 36992.86 | 36892.30 | 37172.04 | 1.08 | ppb |
| Manganese | 55-2 | 3037.18 | 2999.10 | 2983.86 | 3006.71 | 0.91 | ppb |
| Molybdenum | 94-1 | 1.05 | 1.03 | 1.04 | 1.04 | 0.80 | ppb |
| Molybdenum | 95-1 | 0.11 | 0.11 | 0.11 | 0.11 | 2.29 | ppb |
| Molybdenum | 96-1 | 1.38 | 1.30 | 1.34 | 1.34 | 2.81 | ppb |
| Molybdenum | 97-1 | 0.09 | 0.12 | 0.12 | 0.11 | 12.62 | ppb |
| Molybdenum | 98-1 | 0.06 | 0.06 | 0.07 | 0.06 | 8.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 35.98 | 35.63 | 35.03 | 35.55 | 1.35 | ppb |
| Phosphorus | 31-2 | 352.40 | 360.38 | 357.53 | 356.77 | 1.13 | ppb |
| Potassium | 39-2 | 869.66 | 853.16 | 845.20 | 856.01 | 1.46 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 0.40 | 0.77 | 0.53 | 0.57 | 33.27 | ppb |
| Selenium | 77-2 | 13.04 | 16.30 | 16.38 | 15.24 | 12.50 | ppb |
| Selenium | 78-2 | 1.66 | 0.76 | 0.84 | 1.09 | 46.20 | ppb |
| Silicon | 28-1 | 9981.44 | 10256.46 | 10134.64 | 10124.18 | 1.36 | ppb |
| Silver | 107-1 | 0.04 | 0.03 | 0.03 | 0.03 | 7.66 | ppb |
| Silver | 109-1 | 0.03 | 0.04 | 0.04 | 0.03 | 16.53 | ppb |
| Sodium | 23-2 | 19729.66 | 19260.39 | 19058.04 | 19349.36 | 1.78 | ppb |
| Strontium | 86-1 | 4436.87 | 4449.59 | 4443.40 | 4443.29 | 0.14 | ppb |
| Strontium | 88-1 | 4585.65 | 4631.36 | 4610.82 | 4609.28 | 0.50 | ppb |
| Sulfur | 34-1 | 230648.24 | 226556.59 | 227439.80 | 228214.88 | 0.94 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.03 | 0.02 | 0.02 | 0.02 | 16.84 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.34 | ppb |
| Tin | 118-1 | 0.14 | 0.17 | 0.17 | 0.16 | 10.23 | ppb |
| Titanium | 47-1 | 2.97 | 3.14 | 3.09 | 3.07 | 2.78 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-18DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-06R-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:49:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.57 | 2.59 | 2.54 | 2.56 | 1.04 | ppb |
| Vanadium | 51-2 | 253.25 | 249.58 | 250.37 | 251.07 | 0.77 | ppb |
| Yttrium | 89-1 | | | | 124 | | % |
| Yttrium | 89-2 | | | | 117 | | % |
| Zinc | 66-2 | 266.80 | 261.37 | 258.96 | 262.37 | 1.53 | ppb |
| Zirconium | 90-1 | 0.48 | 0.49 | 0.48 | 0.48 | 1.28 | ppb |
| Zirconium | 91-1 | 0.49 | 0.48 | 0.45 | 0.47 | 4.69 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165699TB | Instrumnet Name : | P7 |
| Client Sample ID : | PB165699TB | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:52:26 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.12 | 3.32 | 3.21 | 3.21 | 3.12 | ppb |
| Antimony | 121-1 | 1.75 | 1.74 | 1.78 | 1.76 | 1.39 | ppb |
| Arsenic | 75-2 | 0.01 | 0.01 | 0.00 | 0.01 | 56.69 | ppb |
| Barium | 135-1 | 0.01 | 0.03 | 0.01 | 0.02 | 42.16 | ppb |
| Barium | 137-1 | 0.02 | 0.03 | 0.02 | 0.02 | 25.47 | ppb |
| Beryllium | 9-1 | 0.03 | 0.00 | 0.03 | 0.02 | 84.85 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.02 | 0.06 | -0.03 | 0.00 | 1305.80 | ppb |
| Cadmium | 106-1 | -1.40 | -1.53 | -1.64 | -1.52 | | ppb |
| Cadmium | 111-1 | -0.09 | -0.11 | -0.11 | -0.10 | | ppb |
| Calcium | 43-1 | 23.89 | 18.47 | 11.44 | 17.93 | 34.79 | ppb |
| Calcium | 44-1 | 20.00 | 12.28 | 9.29 | 13.85 | 39.89 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.19 | 0.19 | 0.18 | 0.19 | 4.19 | ppb |
| Cobalt | 59-2 | 0.02 | 0.02 | 0.01 | 0.01 | 22.23 | ppb |
| Copper | 63-2 | 0.06 | 0.06 | 0.05 | 0.06 | 4.75 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 12.97 | 12.13 | 10.73 | 11.94 | 9.45 | ppb |
| Iron | 57-2 | 13.98 | 14.42 | 12.11 | 13.50 | 9.11 | ppb |
| Iron | 54-2 | 15.59 | 13.18 | 11.44 | 13.41 | 15.55 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165699TB | Instrumnet Name : | P7 |
| Client Sample ID : | PB165699TB | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:52:26 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.13 | 0.14 | 0.13 | 0.13 | 1.12 | ppb |
| Lead | 207-1 | 0.15 | 0.15 | 0.14 | 0.15 | 5.13 | ppb |
| Lead | 208-1 | 0.14 | 0.14 | 0.14 | 0.14 | 2.10 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 2.56 | 2.52 | 2.20 | 2.43 | 8.11 | ppb |
| Manganese | 55-2 | 1.78 | 1.74 | 1.74 | 1.75 | 1.19 | ppb |
| Molybdenum | 94-1 | 0.02 | 0.02 | 0.00 | 0.01 | 71.12 | ppb |
| Molybdenum | 95-1 | 0.01 | 0.01 | 0.00 | 0.01 | 69.74 | ppb |
| Molybdenum | 96-1 | 0.00 | 0.00 | 0.00 | 0.00 | 68.55 | ppb |
| Molybdenum | 97-1 | 0.01 | 0.01 | 0.01 | 0.01 | 24.33 | ppb |
| Molybdenum | 98-1 | 0.01 | 0.00 | 0.01 | 0.01 | 85.07 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.10 | 0.14 | 0.07 | 0.10 | 35.56 | ppb |
| Phosphorus | 31-2 | -14.91 | -18.54 | -13.78 | -15.74 | | ppb |
| Potassium | 39-2 | 4.71 | 3.38 | 3.61 | 3.90 | 18.18 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | -0.29 | -0.27 | -0.44 | -0.33 | | ppb |
| Selenium | 77-2 | 0.01 | -0.16 | -0.16 | -0.10 | | ppb |
| Selenium | 78-2 | -0.22 | 0.22 | -1.17 | -0.39 | | ppb |
| Silicon | 28-1 | -3.10 | -2.88 | -3.74 | -3.24 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 16.75 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 27.40 | ppb |
| Sodium | 23-2 | 130.87 | 130.48 | 128.55 | 129.97 | 0.96 | ppb |
| Strontium | 86-1 | 0.74 | 0.28 | 0.16 | 0.40 | 77.00 | ppb |
| Strontium | 88-1 | 1.18 | 0.89 | 0.69 | 0.92 | 26.95 | ppb |
| Sulfur | 34-1 | 3236.74 | 3231.34 | 3225.40 | 3231.16 | 0.18 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.00 | 0.01 | 0.00 | 0.00 | 71.11 | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Tin | 118-1 | 0.09 | 0.11 | 0.13 | 0.11 | 17.44 | ppb |
| Titanium | 47-1 | 0.06 | 0.08 | 0.07 | 0.07 | 18.55 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165699TB | Instrumnet Name : | P7 |
| Client Sample ID : | PB165699TB | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:52:26 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 66.91 | ppb |
| Vanadium | 51-2 | 0.01 | 0.02 | 0.02 | 0.02 | 21.85 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 0.69 | 0.70 | 0.81 | 0.73 | 9.63 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 234.14 | ppb |
| Zirconium | 91-1 | 0.01 | 0.00 | 0.00 | 0.00 | 170.50 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:55:45 | DataFile Name : | 048CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 51828.04 | 51522.72 | 51312.50 | 51554.42 | 0.50 | ppb |
| Antimony | 121-1 | 510.17 | 506.56 | 498.45 | 505.06 | 1.19 | ppb |
| Arsenic | 75-2 | 504.19 | 504.31 | 502.60 | 503.70 | 0.19 | ppb |
| Barium | 135-1 | 2580.57 | 2581.66 | 2564.96 | 2575.73 | 0.36 | ppb |
| Barium | 137-1 | 2582.50 | 2626.54 | 2556.79 | 2588.61 | 1.36 | ppb |
| Beryllium | 9-1 | 491.15 | 502.42 | 492.00 | 495.19 | 1.27 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 499.83 | 496.09 | 502.40 | 499.44 | 0.63 | ppb |
| Cadmium | 106-1 | 501.76 | 501.70 | 498.57 | 500.68 | 0.36 | ppb |
| Cadmium | 111-1 | 478.86 | 477.82 | 476.09 | 477.59 | 0.29 | ppb |
| Calcium | 43-1 | 260243.52 | 260798.51 | 261145.64 | 260729.22 | 0.17 | ppb |
| Calcium | 44-1 | 262662.84 | 260600.52 | 261585.85 | 261616.40 | 0.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 512.82 | 511.62 | 516.91 | 513.78 | 0.54 | ppb |
| Cobalt | 59-2 | 501.18 | 498.33 | 502.05 | 500.52 | 0.39 | ppb |
| Copper | 63-2 | 4837.28 | 4868.26 | 4846.04 | 4850.53 | 0.33 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 87 | | % |
| Iron | 56-2 | 129652.87 | 131552.36 | 130575.40 | 130593.54 | 0.73 | ppb |
| Iron | 57-2 | 128938.91 | 130464.53 | 130005.08 | 129802.84 | 0.60 | ppb |
| Iron | 54-2 | 130570.45 | 131117.23 | 131159.56 | 130949.08 | 0.25 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:55:45 | DataFile Name : | 048CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2592.04 | 2587.00 | 2554.58 | 2577.87 | 0.79 | ppb |
| Lead | 207-1 | 2586.18 | 2560.94 | 2539.35 | 2562.16 | 0.91 | ppb |
| Lead | 208-1 | 2577.74 | 2571.26 | 2548.97 | 2565.99 | 0.59 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 241643.53 | 241298.42 | 241592.76 | 241511.57 | 0.08 | ppb |
| Manganese | 55-2 | 5071.41 | 5103.74 | 5075.77 | 5083.64 | 0.35 | ppb |
| Molybdenum | 94-1 | 5071.03 | 5131.79 | 5057.28 | 5086.70 | 0.78 | ppb |
| Molybdenum | 95-1 | 5123.06 | 5090.46 | 5065.98 | 5093.17 | 0.56 | ppb |
| Molybdenum | 96-1 | 5111.06 | 5160.43 | 5133.81 | 5135.10 | 0.48 | ppb |
| Molybdenum | 97-1 | 5077.91 | 5129.83 | 5076.82 | 5094.86 | 0.59 | ppb |
| Molybdenum | 98-1 | 5051.42 | 5137.22 | 5065.36 | 5084.67 | 0.91 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 470.06 | 472.57 | 474.28 | 472.30 | 0.45 | ppb |
| Phosphorus | 31-2 | 10094.41 | 10184.23 | 10156.41 | 10145.02 | 0.45 | ppb |
| Potassium | 39-2 | 127234.98 | 128048.02 | 127593.04 | 127625.35 | 0.32 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 84 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 478.39 | 491.14 | 483.79 | 484.44 | 1.32 | ppb |
| Selenium | 77-2 | 476.60 | 479.79 | 489.73 | 482.04 | 1.42 | ppb |
| Selenium | 78-2 | 493.02 | 492.02 | 492.06 | 492.37 | 0.12 | ppb |
| Silicon | 28-1 | 207.56 | 204.93 | 209.44 | 207.31 | 1.09 | ppb |
| Silver | 107-1 | 502.93 | 494.15 | 497.47 | 498.18 | 0.89 | ppb |
| Silver | 109-1 | 503.14 | 497.29 | 501.52 | 500.65 | 0.60 | ppb |
| Sodium | 23-2 | 248742.49 | 251630.23 | 253823.38 | 251398.70 | 1.01 | ppb |
| Strontium | 86-1 | 12699.74 | 12834.07 | 12779.62 | 12771.14 | 0.53 | ppb |
| Strontium | 88-1 | 12682.74 | 12727.00 | 12615.24 | 12674.99 | 0.44 | ppb |
| Sulfur | 34-1 | 9901.28 | 9691.00 | 9793.12 | 9795.13 | 1.07 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 524.24 | 510.84 | 509.26 | 514.78 | 1.60 | ppb |
| Thallium | 205-1 | 521.36 | 517.59 | 510.85 | 516.60 | 1.03 | ppb |
| Tin | 118-1 | 505.90 | 511.07 | 506.69 | 507.89 | 0.55 | ppb |
| Titanium | 47-1 | 5018.72 | 5050.82 | 5013.95 | 5027.83 | 0.40 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:55:45 | DataFile Name : | 048CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 509.33 | 505.30 | 508.96 | 507.87 | 0.44 | ppb |
| Vanadium | 51-2 | 514.07 | 519.16 | 528.01 | 520.42 | 1.36 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 89 | | % |
| Zinc | 66-2 | 4810.45 | 4805.28 | 4793.59 | 4803.11 | 0.18 | ppb |
| Zirconium | 90-1 | 505.55 | 507.00 | 498.94 | 503.83 | 0.85 | ppb |
| Zirconium | 91-1 | 506.49 | 508.82 | 507.35 | 507.55 | 0.23 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:58:28 | DataFile Name : | 049CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.95 | 0.85 | 1.23 | 1.01 | 19.29 | ppb |
| Antimony | 121-1 | 0.25 | 0.22 | 0.18 | 0.22 | 15.80 | ppb |
| Arsenic | 75-2 | 0.00 | 0.02 | 0.00 | 0.01 | 190.00 | ppb |
| Barium | 135-1 | 0.25 | 0.12 | 0.09 | 0.15 | 55.83 | ppb |
| Barium | 137-1 | 0.23 | 0.11 | 0.07 | 0.14 | 62.35 | ppb |
| Beryllium | 9-1 | 0.09 | 0.08 | 0.09 | 0.09 | 9.99 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.08 | 0.06 | 0.03 | 0.06 | 48.04 | ppb |
| Cadmium | 106-1 | -1.54 | -1.58 | -2.27 | -1.80 | | ppb |
| Cadmium | 111-1 | -0.05 | -0.08 | -0.14 | -0.09 | | ppb |
| Calcium | 43-1 | 25.24 | 14.91 | 10.27 | 16.80 | 45.60 | ppb |
| Calcium | 44-1 | 22.55 | 10.07 | 5.17 | 12.60 | 71.12 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.00 | 0.01 | -0.01 | 0.00 | 643.16 | ppb |
| Cobalt | 59-2 | 0.01 | 0.01 | 0.01 | 0.01 | 17.21 | ppb |
| Copper | 63-2 | 0.15 | 0.15 | 0.12 | 0.14 | 12.18 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 3.78 | 3.68 | 3.50 | 3.65 | 3.82 | ppb |
| Iron | 57-2 | 4.46 | 3.45 | 4.38 | 4.10 | 13.64 | ppb |
| Iron | 54-2 | 4.36 | 4.17 | 3.87 | 4.14 | 6.01 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:58:28 | DataFile Name : | 049CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.22 | 0.15 | 0.10 | 0.16 | 38.19 | ppb |
| Lead | 207-1 | 0.26 | 0.14 | 0.12 | 0.17 | 44.83 | ppb |
| Lead | 208-1 | 0.24 | 0.15 | 0.11 | 0.17 | 41.17 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 6.07 | 5.84 | 5.37 | 5.76 | 6.19 | ppb |
| Manganese | 55-2 | 0.15 | 0.15 | 0.15 | 0.15 | 0.83 | ppb |
| Molybdenum | 94-1 | 0.59 | 0.39 | 0.26 | 0.41 | 39.72 | ppb |
| Molybdenum | 95-1 | 0.59 | 0.35 | 0.24 | 0.39 | 44.96 | ppb |
| Molybdenum | 96-1 | 0.57 | 0.34 | 0.24 | 0.38 | 44.54 | ppb |
| Molybdenum | 97-1 | 0.55 | 0.34 | 0.24 | 0.38 | 41.87 | ppb |
| Molybdenum | 98-1 | 0.55 | 0.34 | 0.25 | 0.38 | 39.57 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.03 | -0.02 | -0.02 | 0.00 | | ppb |
| Phosphorus | 31-2 | -12.64 | -12.84 | -13.61 | -13.03 | | ppb |
| Potassium | 39-2 | 10.75 | 10.73 | 8.97 | 10.15 | 10.05 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | -0.19 | -0.48 | -0.58 | -0.42 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | -1.05 | -0.59 | -1.79 | -1.14 | | ppb |
| Silicon | 28-1 | -8.12 | -11.52 | -12.79 | -10.81 | | ppb |
| Silver | 107-1 | 0.09 | 0.06 | 0.05 | 0.07 | 27.55 | ppb |
| Silver | 109-1 | 0.08 | 0.05 | 0.05 | 0.06 | 31.25 | ppb |
| Sodium | 23-2 | 18.00 | 17.51 | 18.08 | 17.86 | 1.71 | ppb |
| Strontium | 86-1 | 0.97 | 0.65 | 0.47 | 0.70 | 36.40 | ppb |
| Strontium | 88-1 | 1.17 | 0.57 | 0.45 | 0.73 | 52.76 | ppb |
| Sulfur | 34-1 | -63.27 | -246.23 | -346.73 | -218.74 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.06 | 0.05 | 0.03 | 0.04 | 26.42 | ppb |
| Thallium | 205-1 | 0.07 | 0.04 | 0.03 | 0.05 | 40.78 | ppb |
| Tin | 118-1 | 0.09 | 0.07 | 0.05 | 0.07 | 31.40 | ppb |
| Titanium | 47-1 | 0.54 | 0.28 | 0.23 | 0.35 | 47.98 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:58:28 | DataFile Name : | 049CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.04 | 0.02 | 0.02 | 0.03 | 41.07 | ppb |
| Vanadium | 51-2 | 0.01 | 0.01 | 0.01 | 0.01 | 8.39 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 0.15 | 0.19 | 0.18 | 0.17 | 10.94 | ppb |
| Zirconium | 90-1 | 0.06 | 0.04 | 0.03 | 0.04 | 29.25 | ppb |
| Zirconium | 91-1 | 0.06 | 0.04 | 0.02 | 0.04 | 40.34 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5184-20A | Instrumnet Name : | P7 |
| Client Sample ID : | MYCZF8ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:01:46 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 74050.66 | 74058.88 | 74795.53 | 74301.69 | 0.58 | ppb |
| Antimony | 121-1 | 0.61 | 0.63 | 0.62 | 0.62 | 1.73 | ppb |
| Arsenic | 75-2 | 245.92 | 245.81 | 245.36 | 245.70 | 0.12 | ppb |
| Barium | 135-1 | 165.99 | 167.46 | 168.95 | 167.47 | 0.89 | ppb |
| Barium | 137-1 | 169.30 | 170.57 | 170.43 | 170.10 | 0.41 | ppb |
| Beryllium | 9-1 | 0.90 | 0.85 | 0.97 | 0.91 | 6.91 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.17 | 6.70 | 6.97 | 6.62 | 6.15 | ppb |
| Cadmium | 106-1 | 6.40 | 6.31 | 6.04 | 6.25 | 2.99 | ppb |
| Cadmium | 111-1 | 6.46 | 6.53 | 6.33 | 6.44 | 1.56 | ppb |
| Calcium | 43-1 | 9479.80 | 9706.06 | 9579.23 | 9588.37 | 1.18 | ppb |
| Calcium | 44-1 | 9103.03 | 9161.26 | 9074.28 | 9112.86 | 0.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 328.49 | 323.27 | 330.02 | 327.26 | 1.08 | ppb |
| Cobalt | 59-2 | 95.62 | 95.39 | 95.69 | 95.57 | 0.16 | ppb |
| Copper | 63-2 | 2480.23 | 2469.80 | 2476.87 | 2475.63 | 0.21 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 158882.62 | 156231.07 | 157144.69 | 157419.46 | 0.86 | ppb |
| Iron | 57-2 | 155507.22 | 155635.51 | 155038.01 | 155393.58 | 0.20 | ppb |
| Iron | 54-2 | 157701.33 | 157360.16 | 158011.38 | 157690.96 | 0.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5184-20A | Instrumnet Name : | P7 |
| Client Sample ID : | MYCZF8ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:01:46 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 486.26 | 489.64 | 496.62 | 490.84 | 1.08 | ppb |
| Lead | 207-1 | 496.25 | 503.35 | 502.39 | 500.66 | 0.77 | ppb |
| Lead | 208-1 | 488.47 | 493.55 | 495.88 | 492.63 | 0.77 | ppb |
| Lithium | 6-1 | | | | 110 | | % |
| Magnesium | 24-2 | 50948.78 | 50886.26 | 51422.12 | 51085.72 | 0.57 | ppb |
| Manganese | 55-2 | 2851.92 | 2836.02 | 2826.05 | 2838.00 | 0.46 | ppb |
| Molybdenum | 94-1 | 7.66 | 7.89 | 7.88 | 7.81 | 1.64 | ppb |
| Molybdenum | 95-1 | 0.54 | 0.56 | 0.57 | 0.55 | 2.84 | ppb |
| Molybdenum | 96-1 | 2.46 | 2.45 | 2.52 | 2.48 | 1.54 | ppb |
| Molybdenum | 97-1 | 0.55 | 0.59 | 0.59 | 0.58 | 4.03 | ppb |
| Molybdenum | 98-1 | 0.51 | 0.53 | 0.52 | 0.52 | 1.78 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 180.65 | 181.64 | 181.79 | 181.36 | 0.34 | ppb |
| Phosphorus | 31-2 | 750.46 | 759.73 | 769.30 | 759.83 | 1.24 | ppb |
| Potassium | 39-2 | 1746.73 | 1772.75 | 1765.45 | 1761.64 | 0.76 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 118 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 1.90 | 2.33 | 1.92 | 2.05 | 12.01 | ppb |
| Selenium | 77-2 | 8.17 | 11.94 | 10.06 | 10.05 | 18.73 | ppb |
| Selenium | 78-2 | 2.72 | 2.62 | 1.91 | 2.42 | 18.30 | ppb |
| Silicon | 28-1 | 2852.20 | 2918.07 | 2850.92 | 2873.73 | 1.34 | ppb |
| Silver | 107-1 | 3.38 | 3.38 | 3.40 | 3.39 | 0.39 | ppb |
| Silver | 109-1 | 3.30 | 3.33 | 3.38 | 3.34 | 1.25 | ppb |
| Sodium | 23-2 | 73.49 | 73.86 | 73.03 | 73.46 | 0.57 | ppb |
| Strontium | 86-1 | 1023.49 | 1053.51 | 1050.44 | 1042.48 | 1.58 | ppb |
| Strontium | 88-1 | 1062.99 | 1089.26 | 1092.72 | 1081.66 | 1.50 | ppb |
| Sulfur | 34-1 | -1006.12 | -1029.62 | -1052.95 | -1029.56 | | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.19 | 0.18 | 0.18 | 0.18 | 1.68 | ppb |
| Thallium | 205-1 | 0.18 | 0.18 | 0.18 | 0.18 | 1.93 | ppb |
| Tin | 118-1 | 0.17 | 0.21 | 0.17 | 0.18 | 10.33 | ppb |
| Titanium | 47-1 | 1098.63 | 1137.06 | 1126.93 | 1120.87 | 1.78 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5184-20A | Instrumnet Name : | P7 |
| Client Sample ID : | MYCZF8ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:01:46 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.54 | 0.53 | 0.53 | 0.53 | 1.01 | ppb |
| Vanadium | 51-2 | 423.31 | 419.80 | 421.83 | 421.65 | 0.42 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 490.69 | 489.45 | 491.22 | 490.45 | 0.19 | ppb |
| Zirconium | 90-1 | 3.96 | 4.07 | 4.03 | 4.02 | 1.39 | ppb |
| Zirconium | 91-1 | 3.95 | 4.05 | 4.18 | 4.06 | 2.85 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5191-13A | Instrumnet Name : | P7 |
| Client Sample ID : | MYD033ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:04:49 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 28263.60 | 28240.92 | 28142.33 | 28215.61 | 0.23 | ppb |
| Antimony | 121-1 | 0.11 | 0.11 | 0.12 | 0.11 | 4.02 | ppb |
| Arsenic | 75-2 | 35.08 | 34.25 | 34.87 | 34.73 | 1.24 | ppb |
| Barium | 135-1 | 190.56 | 193.99 | 190.53 | 191.70 | 1.04 | ppb |
| Barium | 137-1 | 191.70 | 196.77 | 192.86 | 193.78 | 1.37 | ppb |
| Beryllium | 9-1 | 0.67 | 0.75 | 0.67 | 0.70 | 6.72 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.75 | 0.89 | 0.62 | 0.75 | 17.64 | ppb |
| Cadmium | 106-1 | -0.04 | 0.42 | -0.28 | 0.04 | 1001.13 | ppb |
| Cadmium | 111-1 | 0.13 | 0.16 | 0.16 | 0.15 | 10.07 | ppb |
| Calcium | 43-1 | 14825.53 | 15154.86 | 14969.68 | 14983.36 | 1.10 | ppb |
| Calcium | 44-1 | 14142.12 | 14542.40 | 14437.52 | 14374.01 | 1.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 89.02 | 89.86 | 89.24 | 89.37 | 0.48 | ppb |
| Cobalt | 59-2 | 32.02 | 32.12 | 32.15 | 32.10 | 0.21 | ppb |
| Copper | 63-2 | 93.36 | 93.73 | 93.24 | 93.44 | 0.27 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 65612.78 | 66073.40 | 66130.81 | 65939.00 | 0.43 | ppb |
| Iron | 57-2 | 65073.92 | 65281.01 | 65032.23 | 65129.05 | 0.20 | ppb |
| Iron | 54-2 | 66285.88 | 65886.30 | 66039.21 | 66070.46 | 0.31 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5191-13A | Instrumnet Name : | P7 |
| Client Sample ID : | MYD033ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:04:49 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19.01 | 19.42 | 19.56 | 19.33 | 1.47 | ppb |
| Lead | 207-1 | 15.14 | 15.25 | 15.23 | 15.21 | 0.40 | ppb |
| Lead | 208-1 | 16.22 | 16.43 | 16.43 | 16.36 | 0.75 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 21853.35 | 21825.68 | 21839.38 | 21839.47 | 0.06 | ppb |
| Manganese | 55-2 | 1046.43 | 1047.54 | 1055.08 | 1049.68 | 0.45 | ppb |
| Molybdenum | 94-1 | 10.28 | 10.76 | 10.29 | 10.44 | 2.62 | ppb |
| Molybdenum | 95-1 | 0.41 | 0.41 | 0.39 | 0.40 | 3.19 | ppb |
| Molybdenum | 96-1 | 1.91 | 1.94 | 1.92 | 1.93 | 0.86 | ppb |
| Molybdenum | 97-1 | 0.41 | 0.40 | 0.41 | 0.41 | 0.93 | ppb |
| Molybdenum | 98-1 | 0.38 | 0.41 | 0.40 | 0.40 | 4.11 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 63.65 | 63.43 | 63.87 | 63.65 | 0.34 | ppb |
| Phosphorus | 31-2 | 1800.02 | 1803.19 | 1763.62 | 1788.94 | 1.23 | ppb |
| Potassium | 39-2 | 2222.39 | 2226.50 | 2239.85 | 2229.58 | 0.41 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | -0.22 | 0.15 | -0.40 | -0.15 | | ppb |
| Selenium | 77-2 | 4.13 | 6.82 | 4.03 | 4.99 | 31.71 | ppb |
| Selenium | 78-2 | 1.34 | -0.06 | 1.75 | 1.01 | 93.67 | ppb |
| Silicon | 28-1 | 1354.00 | 1383.90 | 1387.56 | 1375.15 | 1.34 | ppb |
| Silver | 107-1 | 0.06 | 0.06 | 0.05 | 0.06 | 8.43 | ppb |
| Silver | 109-1 | 0.05 | 0.05 | 0.05 | 0.05 | 3.02 | ppb |
| Sodium | 23-2 | 272.79 | 271.95 | 273.43 | 272.72 | 0.27 | ppb |
| Strontium | 86-1 | 1658.32 | 1679.56 | 1656.27 | 1664.72 | 0.77 | ppb |
| Strontium | 88-1 | 1688.11 | 1745.72 | 1716.13 | 1716.65 | 1.68 | ppb |
| Sulfur | 34-1 | -759.40 | -692.37 | -670.66 | -707.48 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.09 | 0.08 | 0.09 | 0.09 | 5.86 | ppb |
| Thallium | 205-1 | 0.08 | 0.08 | 0.08 | 0.08 | 0.74 | ppb |
| Tin | 118-1 | 0.47 | 0.48 | 0.48 | 0.48 | 0.76 | ppb |
| Titanium | 47-1 | 1635.27 | 1651.49 | 1650.50 | 1645.75 | 0.55 | ppb |

Reviewed By:Mohan
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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5191-13A | Instrumnet Name : | P7 |
| Client Sample ID : | MYD033ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:04:49 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.36 | 1.37 | 1.37 | 1.37 | 0.33 | ppb |
| Vanadium | 51-2 | 118.06 | 118.37 | 117.50 | 117.98 | 0.37 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 169.26 | 170.57 | 170.10 | 169.97 | 0.39 | ppb |
| Zirconium | 90-1 | 5.49 | 5.65 | 5.52 | 5.56 | 1.54 | ppb |
| Zirconium | 91-1 | 5.59 | 5.71 | 5.58 | 5.62 | 1.24 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:08:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8402.49 | 8297.87 | 8301.82 | 8334.06 | 0.71 | ppb |
| Antimony | 121-1 | 290.85 | 305.92 | 302.01 | 299.59 | 2.61 | ppb |
| Arsenic | 75-2 | 800.43 | 787.28 | 797.28 | 795.00 | 0.86 | ppb |
| Barium | 135-1 | 118.29 | 122.82 | 122.10 | 121.07 | 2.01 | ppb |
| Barium | 137-1 | 119.71 | 124.66 | 124.47 | 122.95 | 2.28 | ppb |
| Beryllium | 9-1 | 0.32 | 0.36 | 0.35 | 0.34 | 5.79 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.70 | 2.87 | 3.08 | 2.88 | 6.53 | ppb |
| Cadmium | 106-1 | 2.08 | 2.07 | 1.54 | 1.90 | 16.38 | ppb |
| Cadmium | 111-1 | 1.31 | 1.44 | 1.39 | 1.38 | 4.65 | ppb |
| Calcium | 43-1 | 7092.64 | 7359.89 | 7260.79 | 7237.77 | 1.87 | ppb |
| Calcium | 44-1 | 6803.59 | 7152.09 | 6870.01 | 6941.90 | 2.67 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 21.81 | 21.67 | 21.43 | 21.64 | 0.89 | ppb |
| Cobalt | 59-2 | 81.81 | 80.70 | 80.05 | 80.85 | 1.10 | ppb |
| Copper | 63-2 | 519.30 | 509.33 | 503.90 | 510.84 | 1.53 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 51198.37 | 50811.54 | 50153.78 | 50721.23 | 1.04 | ppb |
| Iron | 57-2 | 50867.68 | 49397.15 | 49249.42 | 49838.08 | 1.80 | ppb |
| Iron | 54-2 | 51250.38 | 50683.57 | 50794.58 | 50909.51 | 0.59 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:08:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 766.91 | 790.08 | 788.77 | 781.92 | 1.66 | ppb |
| Lead | 207-1 | 773.91 | 782.07 | 779.17 | 778.38 | 0.53 | ppb |
| Lead | 208-1 | 767.08 | 782.17 | 781.71 | 776.99 | 1.10 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 4932.53 | 4920.20 | 4836.73 | 4896.49 | 1.06 | ppb |
| Manganese | 55-2 | 354.61 | 342.47 | 344.77 | 347.29 | 1.86 | ppb |
| Molybdenum | 94-1 | 18.34 | 19.54 | 19.09 | 18.99 | 3.20 | ppb |
| Molybdenum | 95-1 | 10.39 | 10.82 | 10.53 | 10.58 | 2.08 | ppb |
| Molybdenum | 96-1 | 11.66 | 12.12 | 11.89 | 11.89 | 1.95 | ppb |
| Molybdenum | 97-1 | 10.44 | 10.98 | 10.78 | 10.73 | 2.53 | ppb |
| Molybdenum | 98-1 | 10.33 | 10.81 | 10.61 | 10.59 | 2.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 23.75 | 22.97 | 23.07 | 23.26 | 1.81 | ppb |
| Phosphorus | 31-2 | 699.99 | 697.25 | 678.02 | 691.75 | 1.73 | ppb |
| Potassium | 39-2 | 2099.69 | 2106.13 | 2105.08 | 2103.63 | 0.16 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.96 | 0.31 | 0.22 | 0.50 | 81.53 | ppb |
| Selenium | 77-2 | 2.36 | 4.36 | 2.80 | 3.17 | 33.14 | ppb |
| Selenium | 78-2 | 0.23 | -0.17 | 2.15 | 0.74 | 168.72 | ppb |
| Silicon | 28-1 | 1145.04 | 1176.59 | 1173.34 | 1164.99 | 1.49 | ppb |
| Silver | 107-1 | 1.46 | 1.58 | 1.53 | 1.52 | 4.07 | ppb |
| Silver | 109-1 | 1.46 | 1.57 | 1.51 | 1.51 | 3.78 | ppb |
| Sodium | 23-2 | 6311.06 | 6265.82 | 6245.41 | 6274.10 | 0.54 | ppb |
| Strontium | 86-1 | 1440.21 | 1513.48 | 1498.04 | 1483.91 | 2.60 | ppb |
| Strontium | 88-1 | 1503.85 | 1553.97 | 1524.95 | 1527.59 | 1.65 | ppb |
| Sulfur | 34-1 | 685.33 | 846.56 | 692.13 | 741.34 | 12.30 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.34 | 0.38 | 0.35 | 0.35 | 5.46 | ppb |
| Thallium | 205-1 | 0.35 | 0.35 | 0.36 | 0.35 | 1.58 | ppb |
| Tin | 118-1 | 98.46 | 102.53 | 101.61 | 100.87 | 2.12 | ppb |
| Titanium | 47-1 | 362.21 | 374.66 | 368.99 | 368.62 | 1.69 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:08:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.01 | 1.04 | 1.03 | 1.03 | 1.77 | ppb |
| Vanadium | 51-2 | 30.07 | 29.50 | 29.38 | 29.65 | 1.25 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 3597.02 | 3506.30 | 3550.28 | 3551.20 | 1.28 | ppb |
| Zirconium | 90-1 | 5.50 | 5.71 | 5.60 | 5.60 | 1.83 | ppb |
| Zirconium | 91-1 | 5.72 | 5.95 | 5.92 | 5.86 | 2.17 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:11:01 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8282.63 | 8353.65 | 8235.81 | 8290.70 | 0.72 | ppb |
| Antimony | 121-1 | 296.95 | 303.31 | 300.49 | 300.25 | 1.06 | ppb |
| Arsenic | 75-2 | 782.17 | 800.20 | 805.34 | 795.90 | 1.53 | ppb |
| Barium | 135-1 | 118.75 | 122.58 | 121.76 | 121.03 | 1.67 | ppb |
| Barium | 137-1 | 120.01 | 124.25 | 123.18 | 122.48 | 1.80 | ppb |
| Beryllium | 9-1 | 0.35 | 0.34 | 0.34 | 0.34 | 1.98 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.69 | 2.58 | 3.12 | 2.80 | 10.19 | ppb |
| Cadmium | 106-1 | 2.17 | 2.39 | 2.31 | 2.29 | 4.93 | ppb |
| Cadmium | 111-1 | 1.36 | 1.45 | 1.38 | 1.40 | 3.34 | ppb |
| Calcium | 43-1 | 7112.96 | 7227.78 | 7297.56 | 7212.77 | 1.29 | ppb |
| Calcium | 44-1 | 6808.30 | 6940.79 | 6934.47 | 6894.52 | 1.08 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 21.76 | 21.73 | 21.82 | 21.77 | 0.21 | ppb |
| Cobalt | 59-2 | 80.51 | 80.55 | 81.20 | 80.75 | 0.48 | ppb |
| Copper | 63-2 | 508.08 | 510.16 | 520.77 | 513.00 | 1.33 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 108 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 50599.93 | 51233.05 | 50721.44 | 50851.47 | 0.66 | ppb |
| Iron | 57-2 | 49547.11 | 50298.99 | 50198.83 | 50014.97 | 0.82 | ppb |
| Iron | 54-2 | 50858.55 | 50892.27 | 50757.42 | 50836.08 | 0.14 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:11:01 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 768.28 | 786.07 | 786.42 | 780.26 | 1.33 | ppb |
| Lead | 207-1 | 774.27 | 774.91 | 794.52 | 781.24 | 1.47 | ppb |
| Lead | 208-1 | 764.96 | 777.98 | 787.50 | 776.82 | 1.46 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 4799.32 | 4837.80 | 4922.78 | 4853.30 | 1.30 | ppb |
| Manganese | 55-2 | 350.16 | 348.48 | 346.88 | 348.51 | 0.47 | ppb |
| Molybdenum | 94-1 | 18.42 | 19.00 | 18.78 | 18.73 | 1.56 | ppb |
| Molybdenum | 95-1 | 10.32 | 10.66 | 10.52 | 10.50 | 1.65 | ppb |
| Molybdenum | 96-1 | 11.66 | 11.95 | 11.80 | 11.80 | 1.24 | ppb |
| Molybdenum | 97-1 | 10.43 | 10.74 | 10.53 | 10.56 | 1.51 | ppb |
| Molybdenum | 98-1 | 10.36 | 10.74 | 10.58 | 10.56 | 1.82 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 22.84 | 23.16 | 23.75 | 23.25 | 1.98 | ppb |
| Phosphorus | 31-2 | 706.34 | 707.57 | 731.33 | 715.08 | 1.97 | ppb |
| Potassium | 39-2 | 2055.77 | 2118.75 | 2152.60 | 2109.04 | 2.33 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.77 | -0.02 | 0.78 | 0.51 | 90.27 | ppb |
| Selenium | 77-2 | 2.28 | 1.88 | 2.21 | 2.13 | 10.13 | ppb |
| Selenium | 78-2 | -0.05 | 1.60 | 0.33 | 0.63 | 138.22 | ppb |
| Silicon | 28-1 | 1140.41 | 1179.57 | 1193.44 | 1171.14 | 2.35 | ppb |
| Silver | 107-1 | 1.45 | 1.55 | 1.51 | 1.50 | 3.20 | ppb |
| Silver | 109-1 | 1.45 | 1.49 | 1.52 | 1.49 | 2.54 | ppb |
| Sodium | 23-2 | 6267.70 | 6226.72 | 6317.50 | 6270.64 | 0.73 | ppb |
| Strontium | 86-1 | 1441.04 | 1474.86 | 1484.12 | 1466.67 | 1.55 | ppb |
| Strontium | 88-1 | 1493.59 | 1538.80 | 1530.53 | 1520.97 | 1.58 | ppb |
| Sulfur | 34-1 | 516.36 | 646.19 | 687.31 | 616.62 | 14.47 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.31 | 0.32 | 0.32 | 0.32 | 1.34 | ppb |
| Thallium | 205-1 | 0.31 | 0.31 | 0.33 | 0.32 | 4.37 | ppb |
| Tin | 118-1 | 98.99 | 101.47 | 101.49 | 100.65 | 1.43 | ppb |
| Titanium | 47-1 | 360.16 | 371.50 | 371.47 | 367.71 | 1.78 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:11:01 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.01 | 1.02 | 1.03 | 1.02 | 1.02 | ppb |
| Vanadium | 51-2 | 29.76 | 29.59 | 29.69 | 29.68 | 0.30 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 3516.50 | 3532.80 | 3617.00 | 3555.43 | 1.52 | ppb |
| Zirconium | 90-1 | 5.47 | 5.65 | 5.55 | 5.55 | 1.59 | ppb |
| Zirconium | 91-1 | 5.63 | 5.78 | 5.79 | 5.73 | 1.60 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 14:14:03 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1667.54 | 1655.34 | 1639.59 | 1654.16 | 0.85 | ppb |
| Antimony | 121-1 | 55.78 | 57.70 | 57.88 | 57.12 | 2.04 | ppb |
| Arsenic | 75-2 | 166.04 | 165.31 | 164.43 | 165.26 | 0.49 | ppb |
| Barium | 135-1 | 23.87 | 24.97 | 24.66 | 24.50 | 2.32 | ppb |
| Barium | 137-1 | 23.97 | 24.91 | 25.01 | 24.63 | 2.34 | ppb |
| Beryllium | 9-1 | 0.09 | 0.10 | 0.07 | 0.09 | 19.02 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.62 | 0.80 | 0.69 | 0.70 | 12.98 | ppb |
| Cadmium | 106-1 | -0.42 | -1.40 | -1.16 | -0.99 | | ppb |
| Cadmium | 111-1 | 0.22 | 0.17 | 0.13 | 0.17 | 27.23 | ppb |
| Calcium | 43-1 | 1427.25 | 1469.06 | 1484.49 | 1460.27 | 2.03 | ppb |
| Calcium | 44-1 | 1439.78 | 1472.03 | 1482.95 | 1464.92 | 1.53 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.44 | 4.30 | 4.42 | 4.39 | 1.76 | ppb |
| Cobalt | 59-2 | 16.40 | 16.47 | 16.56 | 16.48 | 0.47 | ppb |
| Copper | 63-2 | 100.63 | 100.28 | 100.33 | 100.42 | 0.19 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 10225.95 | 10270.37 | 10194.40 | 10230.24 | 0.37 | ppb |
| Iron | 57-2 | 10321.10 | 10383.31 | 10227.13 | 10310.51 | 0.76 | ppb |
| Iron | 54-2 | 10313.57 | 10281.14 | 10314.80 | 10303.17 | 0.19 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 14:14:03 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 144.67 | 146.65 | 147.44 | 146.25 | 0.97 | ppb |
| Lead | 207-1 | 140.04 | 143.38 | 144.23 | 142.55 | 1.55 | ppb |
| Lead | 208-1 | 147.95 | 151.19 | 153.01 | 150.72 | 1.70 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 973.34 | 976.27 | 958.54 | 969.38 | 0.98 | ppb |
| Manganese | 55-2 | 69.36 | 68.89 | 67.79 | 68.68 | 1.17 | ppb |
| Molybdenum | 94-1 | 3.79 | 3.81 | 3.84 | 3.81 | 0.58 | ppb |
| Molybdenum | 95-1 | 2.18 | 2.17 | 2.19 | 2.18 | 0.63 | ppb |
| Molybdenum | 96-1 | 2.35 | 2.46 | 2.41 | 2.41 | 2.24 | ppb |
| Molybdenum | 97-1 | 2.14 | 2.10 | 2.15 | 2.13 | 1.05 | ppb |
| Molybdenum | 98-1 | 2.13 | 2.18 | 2.12 | 2.14 | 1.72 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 4.87 | 4.86 | 4.64 | 4.79 | 2.73 | ppb |
| Phosphorus | 31-2 | 127.68 | 121.80 | 127.08 | 125.52 | 2.57 | ppb |
| Potassium | 39-2 | 445.29 | 443.68 | 444.62 | 444.53 | 0.18 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 0.28 | -0.23 | -0.32 | -0.09 | | ppb |
| Selenium | 77-2 | 0.98 | 1.30 | 0.49 | 0.92 | 44.05 | ppb |
| Selenium | 78-2 | -0.14 | -0.14 | -0.87 | -0.38 | | ppb |
| Silicon | 28-1 | 231.50 | 238.24 | 242.95 | 237.57 | 2.42 | ppb |
| Silver | 107-1 | 0.29 | 0.31 | 0.32 | 0.31 | 5.32 | ppb |
| Silver | 109-1 | 0.30 | 0.30 | 0.29 | 0.30 | 2.30 | ppb |
| Sodium | 23-2 | 1264.08 | 1256.47 | 1237.64 | 1252.73 | 1.09 | ppb |
| Strontium | 86-1 | 294.99 | 300.05 | 302.57 | 299.20 | 1.29 | ppb |
| Strontium | 88-1 | 296.15 | 300.22 | 301.24 | 299.20 | 0.90 | ppb |
| Sulfur | 34-1 | -753.33 | -677.28 | -649.35 | -693.32 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.07 | 0.07 | 0.08 | 0.07 | 1.45 | ppb |
| Thallium | 205-1 | 0.08 | 0.07 | 0.07 | 0.07 | 4.20 | ppb |
| Tin | 118-1 | 20.02 | 20.74 | 20.68 | 20.48 | 1.96 | ppb |
| Titanium | 47-1 | 72.88 | 74.54 | 75.56 | 74.32 | 1.82 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 14:14:03 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.20 | 0.20 | 0.21 | 0.20 | 0.93 | ppb |
| Vanadium | 51-2 | 6.03 | 6.03 | 5.99 | 6.01 | 0.39 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 700.11 | 699.41 | 694.72 | 698.08 | 0.42 | ppb |
| Zirconium | 90-1 | 1.10 | 1.12 | 1.14 | 1.12 | 2.02 | ppb |
| Zirconium | 91-1 | 1.15 | 1.23 | 1.16 | 1.18 | 3.58 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:17:18 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8576.54 | 8657.31 | 8566.62 | 8600.16 | 0.58 | ppb |
| Antimony | 121-1 | 317.36 | 320.71 | 322.45 | 320.17 | 0.81 | ppb |
| Arsenic | 75-2 | 826.01 | 824.82 | 820.92 | 823.91 | 0.32 | ppb |
| Barium | 135-1 | 327.99 | 334.19 | 336.69 | 332.96 | 1.35 | ppb |
| Barium | 137-1 | 351.85 | 356.42 | 355.12 | 354.46 | 0.66 | ppb |
| Beryllium | 9-1 | 5.61 | 5.75 | 5.81 | 5.72 | 1.79 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 8.34 | 8.54 | 8.18 | 8.36 | 2.14 | ppb |
| Cadmium | 106-1 | 7.04 | 7.20 | 7.06 | 7.10 | 1.22 | ppb |
| Cadmium | 111-1 | 6.99 | 7.03 | 7.15 | 7.06 | 1.22 | ppb |
| Calcium | 43-1 | 7476.22 | 7495.57 | 7573.82 | 7515.20 | 0.69 | ppb |
| Calcium | 44-1 | 7134.91 | 7066.23 | 7122.49 | 7107.87 | 0.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.82 | 43.34 | 43.77 | 43.64 | 0.60 | ppb |
| Cobalt | 59-2 | 134.56 | 135.94 | 135.72 | 135.40 | 0.55 | ppb |
| Copper | 63-2 | 539.90 | 544.70 | 542.36 | 542.32 | 0.44 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 51639.58 | 51667.72 | 51464.42 | 51590.57 | 0.21 | ppb |
| Iron | 57-2 | 50963.72 | 50745.92 | 51347.25 | 51018.96 | 0.60 | ppb |
| Iron | 54-2 | 51451.34 | 51963.30 | 52570.82 | 51995.15 | 1.08 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:17:18 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 780.46 | 785.29 | 790.66 | 785.47 | 0.65 | ppb |
| Lead | 207-1 | 788.36 | 788.43 | 807.88 | 794.89 | 1.42 | ppb |
| Lead | 208-1 | 786.64 | 789.86 | 798.77 | 791.75 | 0.79 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 4952.76 | 4932.19 | 4856.83 | 4913.93 | 1.03 | ppb |
| Manganese | 55-2 | 403.01 | 403.04 | 402.36 | 402.80 | 0.10 | ppb |
| Molybdenum | 94-1 | 19.04 | 19.44 | 19.01 | 19.16 | 1.25 | ppb |
| Molybdenum | 95-1 | 10.77 | 10.82 | 10.93 | 10.84 | 0.76 | ppb |
| Molybdenum | 96-1 | 12.14 | 12.01 | 12.16 | 12.10 | 0.67 | ppb |
| Molybdenum | 97-1 | 10.94 | 10.90 | 10.96 | 10.93 | 0.24 | ppb |
| Molybdenum | 98-1 | 10.81 | 10.83 | 11.03 | 10.89 | 1.13 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 76.87 | 78.23 | 77.19 | 77.43 | 0.92 | ppb |
| Phosphorus | 31-2 | 706.92 | 704.06 | 728.28 | 713.09 | 1.86 | ppb |
| Potassium | 39-2 | 2140.78 | 2137.57 | 2151.58 | 2143.31 | 0.34 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 12.01 | 12.23 | 11.59 | 11.94 | 2.71 | ppb |
| Selenium | 77-2 | 14.81 | 13.85 | 14.79 | 14.48 | 3.77 | ppb |
| Selenium | 78-2 | 13.19 | 11.79 | 12.38 | 12.45 | 5.63 | ppb |
| Silicon | 28-1 | 1196.71 | 1203.36 | 1214.82 | 1204.96 | 0.76 | ppb |
| Silver | 107-1 | 7.09 | 7.13 | 7.27 | 7.16 | 1.27 | ppb |
| Silver | 109-1 | 7.04 | 7.05 | 7.18 | 7.09 | 1.07 | ppb |
| Sodium | 23-2 | 6330.70 | 6347.62 | 6344.76 | 6341.03 | 0.14 | ppb |
| Strontium | 86-1 | 1501.01 | 1513.50 | 1521.95 | 1512.15 | 0.70 | ppb |
| Strontium | 88-1 | 1543.52 | 1559.60 | 1559.06 | 1554.06 | 0.59 | ppb |
| Sulfur | 34-1 | 683.94 | 576.56 | 600.48 | 620.33 | 9.09 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 5.00 | 4.99 | 5.08 | 5.02 | 0.93 | ppb |
| Thallium | 205-1 | 4.93 | 5.01 | 5.08 | 5.01 | 1.45 | ppb |
| Tin | 118-1 | 102.53 | 104.29 | 104.57 | 103.80 | 1.06 | ppb |
| Titanium | 47-1 | 377.91 | 378.52 | 382.44 | 379.63 | 0.65 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:17:18 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.02 | 1.04 | 1.05 | 1.04 | 1.71 | ppb |
| Vanadium | 51-2 | 82.88 | 82.84 | 83.56 | 83.09 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 3557.07 | 3637.93 | 3648.34 | 3614.45 | 1.38 | ppb |
| Zirconium | 90-1 | 5.59 | 5.71 | 5.65 | 5.65 | 1.09 | ppb |
| Zirconium | 91-1 | 5.86 | 5.98 | 5.89 | 5.91 | 1.08 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLH6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:20:22 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7747.22 | 7904.97 | 7822.30 | 7824.83 | 1.01 | ppb |
| Antimony | 121-1 | 309.51 | 315.22 | 315.00 | 313.24 | 1.03 | ppb |
| Arsenic | 75-2 | 767.68 | 770.42 | 779.66 | 772.59 | 0.81 | ppb |
| Barium | 135-1 | 113.58 | 115.32 | 115.04 | 114.65 | 0.81 | ppb |
| Barium | 137-1 | 115.10 | 116.90 | 117.92 | 116.64 | 1.22 | ppb |
| Beryllium | 9-1 | 0.40 | 0.34 | 0.32 | 0.35 | 11.75 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.02 | 2.49 | 2.68 | 2.73 | 9.79 | ppb |
| Cadmium | 106-1 | 1.95 | 1.96 | 1.25 | 1.72 | 23.72 | ppb |
| Cadmium | 111-1 | 1.21 | 1.29 | 1.13 | 1.21 | 6.85 | ppb |
| Calcium | 43-1 | 8672.92 | 8823.45 | 8737.91 | 8744.76 | 0.86 | ppb |
| Calcium | 44-1 | 8258.35 | 8343.39 | 8428.86 | 8343.53 | 1.02 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 20.43 | 20.76 | 20.51 | 20.57 | 0.84 | ppb |
| Cobalt | 59-2 | 77.58 | 77.79 | 77.98 | 77.78 | 0.25 | ppb |
| Copper | 63-2 | 481.33 | 472.03 | 476.36 | 476.57 | 0.98 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 49020.24 | 49168.80 | 48654.29 | 48947.78 | 0.54 | ppb |
| Iron | 57-2 | 48052.84 | 48592.09 | 47769.02 | 48137.98 | 0.87 | ppb |
| Iron | 54-2 | 49035.61 | 49064.44 | 48574.70 | 48891.58 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLH6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:20:22 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 724.02 | 725.53 | 727.83 | 725.79 | 0.26 | ppb |
| Lead | 207-1 | 723.54 | 721.83 | 727.03 | 724.14 | 0.37 | ppb |
| Lead | 208-1 | 720.50 | 725.03 | 723.75 | 723.09 | 0.32 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 4573.05 | 4510.42 | 4579.52 | 4554.33 | 0.84 | ppb |
| Manganese | 55-2 | 339.13 | 344.97 | 334.75 | 339.62 | 1.51 | ppb |
| Molybdenum | 94-1 | 17.03 | 17.43 | 17.83 | 17.43 | 2.28 | ppb |
| Molybdenum | 95-1 | 9.79 | 10.07 | 9.99 | 9.95 | 1.44 | ppb |
| Molybdenum | 96-1 | 11.05 | 11.04 | 11.17 | 11.09 | 0.64 | ppb |
| Molybdenum | 97-1 | 9.81 | 10.10 | 10.18 | 10.03 | 1.94 | ppb |
| Molybdenum | 98-1 | 9.83 | 10.01 | 10.18 | 10.01 | 1.78 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 21.81 | 22.14 | 22.47 | 22.14 | 1.49 | ppb |
| Phosphorus | 31-2 | 705.17 | 744.89 | 729.23 | 726.43 | 2.75 | ppb |
| Potassium | 39-2 | 2057.39 | 2064.72 | 2080.03 | 2067.38 | 0.56 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.24 | 0.44 | 0.57 | 0.42 | 39.62 | ppb |
| Selenium | 77-2 | 2.80 | 2.81 | 3.35 | 2.98 | 10.48 | ppb |
| Selenium | 78-2 | -0.50 | -0.02 | -0.20 | -0.24 | | ppb |
| Silicon | 28-1 | 959.12 | 972.33 | 972.60 | 968.02 | 0.80 | ppb |
| Silver | 107-1 | 1.40 | 1.44 | 1.44 | 1.43 | 1.51 | ppb |
| Silver | 109-1 | 1.40 | 1.44 | 1.42 | 1.42 | 1.20 | ppb |
| Sodium | 23-2 | 5877.78 | 5827.73 | 5859.14 | 5854.88 | 0.43 | ppb |
| Strontium | 86-1 | 1554.66 | 1552.16 | 1569.78 | 1558.87 | 0.61 | ppb |
| Strontium | 88-1 | 1594.29 | 1612.16 | 1637.13 | 1614.53 | 1.33 | ppb |
| Sulfur | 34-1 | 160.59 | 201.46 | 217.41 | 193.15 | 15.17 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.27 | 0.27 | 0.31 | 0.28 | 9.12 | ppb |
| Thallium | 205-1 | 0.27 | 0.27 | 0.28 | 0.27 | 0.53 | ppb |
| Tin | 118-1 | 91.63 | 92.60 | 93.51 | 92.58 | 1.02 | ppb |
| Titanium | 47-1 | 329.91 | 338.33 | 337.23 | 335.16 | 1.37 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLH6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:20:22 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.91 | 0.89 | 0.93 | 0.91 | 1.85 | ppb |
| Vanadium | 51-2 | 28.47 | 28.82 | 28.62 | 28.64 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 3353.70 | 3366.39 | 3341.99 | 3354.03 | 0.36 | ppb |
| Zirconium | 90-1 | 5.08 | 5.09 | 5.22 | 5.13 | 1.50 | ppb |
| Zirconium | 91-1 | 5.31 | 5.20 | 5.39 | 5.30 | 1.83 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:23:22 | DataFile Name : | 057CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50539.08 | 49880.48 | 49845.50 | 50088.35 | 0.78 | ppb |
| Antimony | 121-1 | 472.00 | 501.39 | 490.35 | 487.91 | 3.04 | ppb |
| Arsenic | 75-2 | 487.52 | 484.68 | 482.30 | 484.84 | 0.54 | ppb |
| Barium | 135-1 | 2382.94 | 2519.81 | 2486.81 | 2463.18 | 2.90 | ppb |
| Barium | 137-1 | 2415.01 | 2541.24 | 2523.31 | 2493.19 | 2.74 | ppb |
| Beryllium | 9-1 | 471.08 | 478.26 | 480.85 | 476.73 | 1.06 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 466.45 | 496.54 | 485.67 | 482.89 | 3.16 | ppb |
| Cadmium | 106-1 | 474.39 | 494.84 | 486.70 | 485.31 | 2.12 | ppb |
| Cadmium | 111-1 | 447.24 | 468.93 | 468.94 | 461.70 | 2.71 | ppb |
| Calcium | 43-1 | 243768.20 | 255604.20 | 257487.91 | 252286.77 | 2.95 | ppb |
| Calcium | 44-1 | 240314.06 | 258072.71 | 258919.64 | 252435.47 | 4.16 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 502.66 | 490.66 | 489.51 | 494.27 | 1.47 | ppb |
| Cobalt | 59-2 | 485.29 | 484.58 | 481.96 | 483.94 | 0.36 | ppb |
| Copper | 63-2 | 4707.82 | 4716.02 | 4733.48 | 4719.10 | 0.28 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 90 | | % |
| Indium | 115-2 | | | | 86 | | % |
| Iron | 56-2 | 126349.35 | 125773.73 | 125535.47 | 125886.19 | 0.33 | ppb |
| Iron | 57-2 | 125867.15 | 126698.16 | 126134.01 | 126233.10 | 0.34 | ppb |
| Iron | 54-2 | 127307.23 | 127934.13 | 126110.36 | 127117.24 | 0.73 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:23:22 | DataFile Name : | 057CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2414.67 | 2612.99 | 2495.08 | 2507.58 | 3.98 | ppb |
| Lead | 207-1 | 2412.25 | 2587.64 | 2492.21 | 2497.37 | 3.52 | ppb |
| Lead | 208-1 | 2417.30 | 2584.44 | 2499.82 | 2500.52 | 3.34 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 236200.78 | 234535.70 | 236503.74 | 235746.74 | 0.45 | ppb |
| Manganese | 55-2 | 4924.12 | 4866.91 | 4851.91 | 4880.98 | 0.78 | ppb |
| Molybdenum | 94-1 | 4735.36 | 4888.50 | 4927.01 | 4850.29 | 2.09 | ppb |
| Molybdenum | 95-1 | 4718.52 | 4924.62 | 4904.90 | 4849.35 | 2.35 | ppb |
| Molybdenum | 96-1 | 4718.65 | 4941.30 | 4903.49 | 4854.48 | 2.45 | ppb |
| Molybdenum | 97-1 | 4742.53 | 4958.29 | 4889.08 | 4863.30 | 2.27 | ppb |
| Molybdenum | 98-1 | 4749.58 | 4956.52 | 4888.98 | 4865.03 | 2.17 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 463.03 | 457.36 | 457.43 | 459.27 | 0.71 | ppb |
| Phosphorus | 31-2 | 9841.57 | 9764.47 | 9832.02 | 9812.69 | 0.43 | ppb |
| Potassium | 39-2 | 123152.68 | 122423.27 | 122371.48 | 122649.14 | 0.36 | ppb |
| Rhodium | 103-1 | | | | 87 | | % |
| Rhodium | 103-2 | | | | 83 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 85 | | % |
| Selenium | 82-1 | 450.37 | 475.18 | 474.54 | 466.70 | 3.03 | ppb |
| Selenium | 77-2 | 476.34 | 476.50 | 484.84 | 479.23 | 1.01 | ppb |
| Selenium | 78-2 | 485.50 | 491.56 | 467.41 | 481.49 | 2.61 | ppb |
| Silicon | 28-1 | 188.07 | 206.24 | 207.61 | 200.64 | 5.44 | ppb |
| Silver | 107-1 | 477.28 | 489.67 | 478.37 | 481.77 | 1.42 | ppb |
| Silver | 109-1 | 472.11 | 483.88 | 485.88 | 480.62 | 1.55 | ppb |
| Sodium | 23-2 | 246240.53 | 247689.88 | 245291.49 | 246407.30 | 0.49 | ppb |
| Strontium | 86-1 | 11837.44 | 12424.60 | 12472.57 | 12244.87 | 2.89 | ppb |
| Strontium | 88-1 | 11829.60 | 12313.43 | 12465.08 | 12202.70 | 2.72 | ppb |
| Sulfur | 34-1 | 9092.69 | 9956.56 | 9896.48 | 9648.58 | 5.00 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 96 | | % |
| Thallium | 203-1 | 481.54 | 511.63 | 510.02 | 501.06 | 3.38 | ppb |
| Thallium | 205-1 | 483.34 | 518.90 | 501.19 | 501.14 | 3.55 | ppb |
| Tin | 118-1 | 475.59 | 502.25 | 490.78 | 489.54 | 2.73 | ppb |
| Titanium | 47-1 | 4694.91 | 4963.88 | 5028.86 | 4895.88 | 3.62 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:23:22 | DataFile Name : | 057CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 468.53 | 498.62 | 493.20 | 486.79 | 3.29 | ppb |
| Vanadium | 51-2 | 502.04 | 504.43 | 501.73 | 502.73 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 4638.75 | 4633.49 | 4635.00 | 4635.75 | 0.06 | ppb |
| Zirconium | 90-1 | 471.24 | 493.46 | 491.18 | 485.29 | 2.52 | ppb |
| Zirconium | 91-1 | 466.98 | 493.31 | 500.01 | 486.76 | 3.59 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:26:08 | DataFile Name : | 058CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2.83 | 2.01 | 1.53 | 2.12 | 31.02 | ppb |
| Antimony | 121-1 | 0.26 | 0.22 | 0.22 | 0.23 | 10.23 | ppb |
| Arsenic | 75-2 | 0.07 | 0.02 | 0.02 | 0.04 | 86.73 | ppb |
| Barium | 135-1 | 0.39 | 0.36 | 0.26 | 0.34 | 19.72 | ppb |
| Barium | 137-1 | 0.36 | 0.38 | 0.31 | 0.35 | 9.83 | ppb |
| Beryllium | 9-1 | 0.15 | 0.11 | 0.11 | 0.12 | 20.33 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.06 | 0.06 | 0.03 | 0.05 | 34.70 | ppb |
| Cadmium | 106-1 | -1.12 | -1.72 | -0.89 | -1.25 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.03 | 0.03 | 0.00 | | ppb |
| Calcium | 43-1 | 47.45 | 43.31 | 32.55 | 41.10 | 18.71 | ppb |
| Calcium | 44-1 | 38.43 | 39.33 | 27.68 | 35.15 | 18.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.02 | 0.02 | 0.01 | 0.02 | 32.99 | ppb |
| Cobalt | 59-2 | 0.03 | 0.02 | 0.02 | 0.02 | 39.08 | ppb |
| Copper | 63-2 | 0.34 | 0.23 | 0.21 | 0.26 | 26.75 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 7.76 | 6.00 | 4.59 | 6.11 | 25.93 | ppb |
| Iron | 57-2 | 7.76 | 6.10 | 5.26 | 6.37 | 19.92 | ppb |
| Iron | 54-2 | 8.75 | 5.91 | 4.39 | 6.35 | 34.80 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:26:08 | DataFile Name : | 058CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.43 | 0.46 | 0.35 | 0.42 | 13.52 | ppb |
| Lead | 207-1 | 0.45 | 0.44 | 0.35 | 0.41 | 13.85 | ppb |
| Lead | 208-1 | 0.44 | 0.44 | 0.35 | 0.41 | 12.00 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 14.43 | 10.25 | 8.50 | 11.06 | 27.55 | ppb |
| Manganese | 55-2 | 0.34 | 0.25 | 0.17 | 0.25 | 34.97 | ppb |
| Molybdenum | 94-1 | 0.82 | 0.85 | 0.68 | 0.78 | 11.92 | ppb |
| Molybdenum | 95-1 | 0.83 | 0.85 | 0.64 | 0.77 | 14.60 | ppb |
| Molybdenum | 96-1 | 0.85 | 0.80 | 0.66 | 0.77 | 12.99 | ppb |
| Molybdenum | 97-1 | 0.82 | 0.80 | 0.71 | 0.78 | 7.91 | ppb |
| Molybdenum | 98-1 | 0.86 | 0.81 | 0.64 | 0.77 | 14.71 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.00 | 0.01 | 0.01 | 0.01 | 63.96 | ppb |
| Phosphorus | 31-2 | -12.51 | -16.89 | -17.02 | -15.47 | | ppb |
| Potassium | 39-2 | 12.93 | 13.06 | 10.12 | 12.04 | 13.80 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | -0.33 | -0.49 | -0.37 | -0.40 | | ppb |
| Selenium | 77-2 | 0.01 | 0.02 | 0.01 | 0.01 | 13.78 | ppb |
| Selenium | 78-2 | -1.05 | -0.64 | -0.41 | -0.70 | | ppb |
| Silicon | 28-1 | -14.47 | -13.57 | -14.97 | -14.34 | | ppb |
| Silver | 107-1 | 0.13 | 0.12 | 0.10 | 0.12 | 15.84 | ppb |
| Silver | 109-1 | 0.13 | 0.11 | 0.10 | 0.11 | 13.43 | ppb |
| Sodium | 23-2 | 29.25 | 27.04 | 23.34 | 26.54 | 11.24 | ppb |
| Strontium | 86-1 | 1.40 | 1.11 | 1.16 | 1.22 | 13.07 | ppb |
| Strontium | 88-1 | 1.94 | 1.73 | 1.55 | 1.74 | 11.16 | ppb |
| Sulfur | 34-1 | -282.38 | -150.53 | -280.21 | -237.70 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.12 | 0.12 | 0.08 | 0.11 | 21.47 | ppb |
| Thallium | 205-1 | 0.14 | 0.12 | 0.10 | 0.12 | 17.01 | ppb |
| Tin | 118-1 | 0.10 | 0.09 | 0.08 | 0.09 | 12.54 | ppb |
| Titanium | 47-1 | 0.74 | 0.77 | 0.58 | 0.70 | 14.70 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:26:08 | DataFile Name : | 058CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.07 | 0.07 | 0.05 | 0.06 | 16.30 | ppb |
| Vanadium | 51-2 | 0.03 | 0.02 | 0.02 | 0.02 | 25.51 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 0.32 | 0.32 | 0.22 | 0.29 | 21.39 | ppb |
| Zirconium | 90-1 | 0.09 | 0.09 | 0.07 | 0.08 | 10.89 | ppb |
| Zirconium | 91-1 | 0.09 | 0.10 | 0.08 | 0.09 | 13.02 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:35:44 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.30 | 0.42 | 0.24 | 0.32 | 28.64 | ppb |
| Antimony | 121-1 | 0.03 | 0.03 | 0.02 | 0.03 | 14.21 | ppb |
| Arsenic | 75-2 | -0.02 | 0.00 | 0.00 | -0.01 | | ppb |
| Barium | 135-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | 373.10 | ppb |
| Beryllium | 9-1 | 0.00 | 0.02 | 0.01 | 0.01 | 129.43 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.00 | -0.03 | -0.02 | -0.02 | | ppb |
| Cadmium | 106-1 | -1.93 | -1.92 | -2.05 | -1.96 | | ppb |
| Cadmium | 111-1 | -0.14 | -0.13 | -0.14 | -0.13 | | ppb |
| Calcium | 43-1 | 0.63 | 1.42 | 1.85 | 1.30 | 47.61 | ppb |
| Calcium | 44-1 | -3.76 | -3.45 | -3.26 | -3.49 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.03 | 0.01 | -0.01 | -0.01 | | ppb |
| Cobalt | 59-2 | 0.01 | 0.00 | 0.01 | 0.00 | 80.36 | ppb |
| Copper | 63-2 | 0.00 | 0.01 | 0.02 | 0.01 | 131.71 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 0.22 | 0.20 | 0.19 | 0.20 | 7.39 | ppb |
| Iron | 57-2 | 0.54 | 0.05 | 0.28 | 0.29 | 84.10 | ppb |
| Iron | 54-2 | 1.15 | 0.25 | 0.21 | 0.54 | 98.39 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:35:44 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.03 | 0.04 | 0.04 | 0.04 | 11.82 | ppb |
| Lead | 207-1 | 0.04 | 0.04 | 0.04 | 0.04 | 4.85 | ppb |
| Lead | 208-1 | 0.04 | 0.04 | 0.04 | 0.04 | 3.20 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 0.63 | 0.69 | 0.72 | 0.68 | 6.66 | ppb |
| Manganese | 55-2 | 0.01 | 0.02 | 0.01 | 0.01 | 44.33 | ppb |
| Molybdenum | 94-1 | 0.02 | 0.01 | 0.01 | 0.01 | 61.77 | ppb |
| Molybdenum | 95-1 | 0.01 | 0.01 | 0.01 | 0.01 | 17.70 | ppb |
| Molybdenum | 96-1 | 0.00 | 0.01 | 0.01 | 0.00 | 112.35 | ppb |
| Molybdenum | 97-1 | 0.01 | 0.01 | 0.00 | 0.01 | 63.70 | ppb |
| Molybdenum | 98-1 | 0.01 | 0.01 | 0.00 | 0.01 | 56.88 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.02 | 0.00 | -0.03 | -0.02 | | ppb |
| Phosphorus | 31-2 | -14.93 | -18.93 | -16.59 | -16.82 | | ppb |
| Potassium | 39-2 | 0.16 | 0.74 | 0.68 | 0.53 | 60.74 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | -0.19 | -0.36 | -0.39 | -0.32 | | ppb |
| Selenium | 77-2 | 0.33 | -0.16 | -0.16 | 0.01 | 4913.88 | ppb |
| Selenium | 78-2 | -1.91 | -1.25 | -1.59 | -1.58 | | ppb |
| Silicon | 28-1 | -13.97 | -13.39 | -13.16 | -13.51 | | ppb |
| Silver | 107-1 | 0.00 | 0.01 | 0.00 | 0.00 | 35.69 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.01 | 0.00 | 37.83 | ppb |
| Sodium | 23-2 | 7.43 | 6.10 | 6.49 | 6.67 | 10.26 | ppb |
| Strontium | 86-1 | -0.47 | -0.44 | -0.54 | -0.48 | | ppb |
| Strontium | 88-1 | 0.04 | 0.02 | -0.03 | 0.01 | 391.56 | ppb |
| Sulfur | 34-1 | -221.98 | -138.86 | -183.34 | -181.40 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.02 | 0.02 | 0.02 | 0.02 | 7.26 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 5.28 | ppb |
| Tin | 118-1 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |
| Titanium | 47-1 | -0.01 | 0.00 | -0.02 | -0.01 | | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:35:44 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 98.13 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 75.32 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 0.04 | 0.05 | 0.05 | 0.04 | 12.43 | ppb |
| Zirconium | 90-1 | 0.01 | 0.00 | 0.00 | 0.00 | 80.42 | ppb |
| Zirconium | 91-1 | 0.00 | 0.00 | 0.01 | 0.00 | 71.04 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:39:00 | DataFile Name : | 060LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 38.25 | 38.01 | 37.29 | 37.85 | 1.32 | ppb |
| Antimony | 121-1 | 3.88 | 4.07 | 4.01 | 3.99 | 2.51 | ppb |
| Arsenic | 75-2 | 2.23 | 2.27 | 2.16 | 2.22 | 2.59 | ppb |
| Barium | 135-1 | 18.79 | 19.44 | 18.82 | 19.01 | 1.93 | ppb |
| Barium | 137-1 | 19.09 | 19.51 | 19.04 | 19.21 | 1.36 | ppb |
| Beryllium | 9-1 | 2.06 | 2.17 | 2.12 | 2.12 | 2.47 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.98 | 2.17 | 1.74 | 1.96 | 11.06 | ppb |
| Cadmium | 106-1 | 0.95 | 0.97 | 0.61 | 0.85 | 23.89 | ppb |
| Cadmium | 111-1 | 2.11 | 2.06 | 2.07 | 2.08 | 1.45 | ppb |
| Calcium | 43-1 | 1056.18 | 1070.92 | 1050.10 | 1059.06 | 1.01 | ppb |
| Calcium | 44-1 | 1062.93 | 1049.40 | 1057.82 | 1056.72 | 0.65 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.83 | 3.84 | 3.89 | 3.85 | 0.76 | ppb |
| Cobalt | 59-2 | 2.00 | 2.03 | 2.03 | 2.02 | 0.95 | ppb |
| Copper | 63-2 | 4.08 | 4.22 | 4.19 | 4.16 | 1.67 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 416.42 | 413.26 | 409.45 | 413.05 | 0.84 | ppb |
| Iron | 57-2 | 423.93 | 423.17 | 417.75 | 421.62 | 0.80 | ppb |
| Iron | 54-2 | 421.84 | 420.04 | 428.14 | 423.34 | 1.00 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:39:00 | DataFile Name : | 060LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.83 | 1.84 | 1.85 | 1.84 | 0.61 | ppb |
| Lead | 207-1 | 1.78 | 1.88 | 1.81 | 1.82 | 2.66 | ppb |
| Lead | 208-1 | 1.83 | 1.84 | 1.81 | 1.83 | 0.77 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 912.34 | 921.44 | 914.00 | 915.93 | 0.53 | ppb |
| Manganese | 55-2 | 1.98 | 2.04 | 2.06 | 2.03 | 2.02 | ppb |
| Molybdenum | 94-1 | 11.45 | 11.52 | 11.46 | 11.47 | 0.32 | ppb |
| Molybdenum | 95-1 | 9.67 | 9.59 | 9.59 | 9.62 | 0.48 | ppb |
| Molybdenum | 96-1 | 9.78 | 9.73 | 9.87 | 9.79 | 0.69 | ppb |
| Molybdenum | 97-1 | 9.52 | 9.63 | 9.70 | 9.62 | 0.97 | ppb |
| Molybdenum | 98-1 | 9.66 | 9.64 | 9.52 | 9.61 | 0.81 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.06 | 2.03 | 2.02 | 2.04 | 1.02 | ppb |
| Phosphorus | 31-2 | 32.05 | 33.81 | 28.59 | 31.48 | 8.44 | ppb |
| Potassium | 39-2 | 1015.23 | 1020.96 | 1019.13 | 1018.44 | 0.29 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 10.35 | 9.48 | 9.77 | 9.87 | 4.46 | ppb |
| Selenium | 77-2 | 13.76 | 7.80 | 9.45 | 10.33 | 29.79 | ppb |
| Selenium | 78-2 | 7.78 | 9.79 | 9.98 | 9.19 | 13.28 | ppb |
| Silicon | 28-1 | -2.09 | -2.55 | -2.10 | -2.25 | | ppb |
| Silver | 107-1 | 2.02 | 2.12 | 2.02 | 2.05 | 2.72 | ppb |
| Silver | 109-1 | 1.99 | 2.07 | 2.01 | 2.03 | 1.91 | ppb |
| Sodium | 23-2 | 953.69 | 952.00 | 953.92 | 953.20 | 0.11 | ppb |
| Strontium | 86-1 | 47.55 | 47.82 | 49.91 | 48.43 | 2.67 | ppb |
| Strontium | 88-1 | 48.69 | 47.79 | 48.40 | 48.30 | 0.95 | ppb |
| Sulfur | 34-1 | -22.40 | -41.26 | -58.31 | -40.66 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 1.77 | 1.79 | 1.78 | 1.78 | 0.36 | ppb |
| Thallium | 205-1 | 1.80 | 1.80 | 1.75 | 1.79 | 1.59 | ppb |
| Tin | 118-1 | 9.85 | 10.14 | 9.86 | 9.95 | 1.67 | ppb |
| Titanium | 47-1 | 2.21 | 2.41 | 2.50 | 2.37 | 6.37 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:39:00 | DataFile Name : | 060LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.62 | 1.62 | 1.61 | 1.62 | 0.42 | ppb |
| Vanadium | 51-2 | 9.86 | 10.00 | 10.03 | 9.96 | 0.92 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 10.30 | 10.36 | 10.22 | 10.29 | 0.70 | ppb |
| Zirconium | 90-1 | 1.92 | 1.96 | 1.92 | 1.93 | 1.24 | ppb |
| Zirconium | 91-1 | 1.92 | 1.93 | 1.97 | 1.94 | 1.40 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28N9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:43:10 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 15014.94 | 15046.07 | 14746.11 | 14935.71 | 1.10 | ppb |
| Antimony | 121-1 | 0.25 | 0.25 | 0.26 | 0.25 | 1.38 | ppb |
| Arsenic | 75-2 | 16.06 | 15.44 | 15.96 | 15.82 | 2.11 | ppb |
| Barium | 135-1 | 131.28 | 130.58 | 133.86 | 131.91 | 1.31 | ppb |
| Barium | 137-1 | 133.88 | 133.75 | 136.73 | 134.78 | 1.25 | ppb |
| Beryllium | 9-1 | 1.30 | 1.16 | 1.28 | 1.25 | 6.27 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.22 | 1.04 | 1.21 | 1.16 | 8.66 | ppb |
| Cadmium | 106-1 | -0.16 | -0.74 | -0.27 | -0.39 | | ppb |
| Cadmium | 111-1 | 0.64 | 0.58 | 0.68 | 0.64 | 7.96 | ppb |
| Calcium | 43-1 | 11356.73 | 11519.45 | 11466.21 | 11447.46 | 0.72 | ppb |
| Calcium | 44-1 | 10963.51 | 11139.73 | 10996.48 | 11033.24 | 0.85 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 27.87 | 27.75 | 27.58 | 27.73 | 0.54 | ppb |
| Cobalt | 59-2 | 16.99 | 16.99 | 16.81 | 16.93 | 0.61 | ppb |
| Copper | 63-2 | 35.14 | 35.15 | 34.93 | 35.07 | 0.36 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 35098.38 | 35212.57 | 34601.36 | 34970.77 | 0.93 | ppb |
| Iron | 57-2 | 34633.18 | 34726.73 | 34748.54 | 34702.82 | 0.18 | ppb |
| Iron | 54-2 | 35616.56 | 35157.78 | 34957.24 | 35243.86 | 0.96 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28N9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:43:10 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 38.46 | 38.55 | 39.09 | 38.70 | 0.88 | ppb |
| Lead | 207-1 | 34.89 | 35.27 | 35.70 | 35.29 | 1.14 | ppb |
| Lead | 208-1 | 36.19 | 36.55 | 36.75 | 36.50 | 0.76 | ppb |
| Lithium | 6-1 | | | | 109 | | % |
| Magnesium | 24-2 | 5739.52 | 5656.33 | 5619.06 | 5671.63 | 1.09 | ppb |
| Manganese | 55-2 | 1347.96 | 1359.07 | 1329.68 | 1345.57 | 1.10 | ppb |
| Molybdenum | 94-1 | 12.04 | 12.06 | 12.13 | 12.07 | 0.38 | ppb |
| Molybdenum | 95-1 | 9.35 | 9.50 | 9.44 | 9.43 | 0.82 | ppb |
| Molybdenum | 96-1 | 9.97 | 10.10 | 10.06 | 10.04 | 0.67 | ppb |
| Molybdenum | 97-1 | 9.26 | 9.68 | 9.41 | 9.45 | 2.27 | ppb |
| Molybdenum | 98-1 | 9.48 | 9.61 | 9.63 | 9.57 | 0.86 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 93.46 | 92.58 | 92.39 | 92.81 | 0.61 | ppb |
| Phosphorus | 31-2 | 677.10 | 651.77 | 674.63 | 667.83 | 2.09 | ppb |
| Potassium | 39-2 | 3273.83 | 3278.68 | 3281.27 | 3277.93 | 0.12 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.69 | 0.61 | 0.81 | 0.71 | 14.39 | ppb |
| Selenium | 77-2 | 9.60 | 6.79 | 8.42 | 8.27 | 17.07 | ppb |
| Selenium | 78-2 | 0.70 | 0.85 | 0.27 | 0.61 | 49.26 | ppb |
| Silicon | 28-1 | 2628.87 | 2647.89 | 2680.76 | 2652.51 | 0.99 | ppb |
| Silver | 107-1 | 0.20 | 0.15 | 0.15 | 0.17 | 17.71 | ppb |
| Silver | 109-1 | 0.21 | 0.15 | 0.15 | 0.17 | 20.33 | ppb |
| Sodium | 23-2 | 332.03 | 334.48 | 328.18 | 331.56 | 0.96 | ppb |
| Strontium | 86-1 | 1135.67 | 1152.75 | 1155.70 | 1148.04 | 0.94 | ppb |
| Strontium | 88-1 | 1166.12 | 1205.95 | 1169.64 | 1180.57 | 1.87 | ppb |
| Sulfur | 34-1 | 313.23 | 243.76 | 155.31 | 237.43 | 33.34 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.40 | 0.36 | 0.38 | 0.38 | 5.25 | ppb |
| Thallium | 205-1 | 0.39 | 0.37 | 0.37 | 0.37 | 2.65 | ppb |
| Tin | 118-1 | 0.65 | 0.67 | 0.64 | 0.65 | 2.88 | ppb |
| Titanium | 47-1 | 107.96 | 109.95 | 110.12 | 109.34 | 1.10 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28N9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:43:10 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.33 | 1.35 | 1.36 | 1.35 | 1.07 | ppb |
| Vanadium | 51-2 | 37.19 | 36.80 | 36.61 | 36.87 | 0.81 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 129.01 | 127.04 | 126.70 | 127.59 | 0.98 | ppb |
| Zirconium | 90-1 | 2.33 | 2.39 | 2.37 | 2.36 | 1.16 | ppb |
| Zirconium | 91-1 | 2.36 | 2.36 | 2.49 | 2.40 | 3.17 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:46:17 | DataFile Name : | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21104.78 | 21273.82 | 21152.29 | 21176.97 | 0.41 | ppb |
| Antimony | 121-1 | 0.15 | 0.16 | 0.17 | 0.16 | 5.00 | ppb |
| Arsenic | 75-2 | 15.65 | 15.76 | 15.46 | 15.63 | 0.98 | ppb |
| Barium | 135-1 | 137.48 | 139.55 | 140.04 | 139.02 | 0.98 | ppb |
| Barium | 137-1 | 139.44 | 142.00 | 142.56 | 141.33 | 1.18 | ppb |
| Beryllium | 9-1 | 1.28 | 1.48 | 1.44 | 1.40 | 7.47 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.04 | 0.90 | 0.99 | 0.97 | 7.35 | ppb |
| Cadmium | 106-1 | 0.21 | -0.33 | -0.10 | -0.07 | | ppb |
| Cadmium | 111-1 | 0.54 | 0.53 | 0.48 | 0.52 | 6.57 | ppb |
| Calcium | 43-1 | 5325.86 | 5330.92 | 5395.93 | 5350.90 | 0.73 | ppb |
| Calcium | 44-1 | 5046.90 | 5122.72 | 5114.93 | 5094.85 | 0.82 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 36.99 | 36.94 | 37.56 | 37.16 | 0.93 | ppb |
| Cobalt | 59-2 | 23.63 | 23.64 | 23.87 | 23.71 | 0.58 | ppb |
| Copper | 63-2 | 41.00 | 41.02 | 41.40 | 41.14 | 0.54 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 49848.16 | 49447.95 | 49500.37 | 49598.83 | 0.44 | ppb |
| Iron | 57-2 | 49003.42 | 49000.36 | 49892.92 | 49298.90 | 1.04 | ppb |
| Iron | 54-2 | 50190.73 | 49701.04 | 50366.06 | 50085.94 | 0.69 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:46:17 | DataFile Name : | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 25.68 | 25.93 | 25.75 | 25.79 | 0.50 | ppb |
| Lead | 207-1 | 23.42 | 23.84 | 23.48 | 23.58 | 0.97 | ppb |
| Lead | 208-1 | 24.08 | 24.50 | 24.21 | 24.26 | 0.89 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 6831.95 | 6848.23 | 6840.09 | 6840.09 | 0.12 | ppb |
| Manganese | 55-2 | 836.78 | 832.93 | 826.70 | 832.13 | 0.61 | ppb |
| Molybdenum | 94-1 | 13.69 | 14.13 | 13.93 | 13.92 | 1.57 | ppb |
| Molybdenum | 95-1 | 9.45 | 9.71 | 9.62 | 9.59 | 1.37 | ppb |
| Molybdenum | 96-1 | 10.43 | 10.77 | 10.39 | 10.53 | 2.01 | ppb |
| Molybdenum | 97-1 | 9.55 | 9.71 | 9.68 | 9.64 | 0.87 | ppb |
| Molybdenum | 98-1 | 9.66 | 9.73 | 9.56 | 9.65 | 0.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 63.80 | 63.17 | 63.26 | 63.41 | 0.54 | ppb |
| Phosphorus | 31-2 | 474.58 | 474.67 | 468.97 | 472.74 | 0.69 | ppb |
| Potassium | 39-2 | 3221.81 | 3206.41 | 3241.16 | 3223.13 | 0.54 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 0.47 | 0.18 | 0.76 | 0.47 | 61.90 | ppb |
| Selenium | 77-2 | 12.35 | 12.40 | 13.61 | 12.79 | 5.60 | ppb |
| Selenium | 78-2 | 1.45 | 0.67 | 1.55 | 1.22 | 39.58 | ppb |
| Silicon | 28-1 | 2945.05 | 2988.39 | 2992.21 | 2975.22 | 0.88 | ppb |
| Silver | 107-1 | 0.08 | 0.08 | 0.09 | 0.08 | 6.66 | ppb |
| Silver | 109-1 | 0.08 | 0.09 | 0.09 | 0.09 | 6.76 | ppb |
| Sodium | 23-2 | 301.53 | 301.54 | 303.84 | 302.30 | 0.44 | ppb |
| Strontium | 86-1 | 925.72 | 943.22 | 932.05 | 933.66 | 0.95 | ppb |
| Strontium | 88-1 | 962.97 | 967.63 | 962.64 | 964.41 | 0.29 | ppb |
| Sulfur | 34-1 | -859.88 | -949.41 | -972.91 | -927.40 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.40 | 0.43 | 0.44 | 0.42 | 4.64 | ppb |
| Thallium | 205-1 | 0.43 | 0.43 | 0.45 | 0.43 | 2.39 | ppb |
| Tin | 118-1 | 0.63 | 0.65 | 0.65 | 0.64 | 1.49 | ppb |
| Titanium | 47-1 | 137.00 | 138.42 | 138.98 | 138.13 | 0.74 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:46:17 | DataFile Name : | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.59 | 1.63 | 1.58 | 1.60 | 1.48 | ppb |
| Vanadium | 51-2 | 46.91 | 47.04 | 47.15 | 47.03 | 0.25 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 121.44 | 121.68 | 122.13 | 121.75 | 0.29 | ppb |
| Zirconium | 90-1 | 3.23 | 3.29 | 3.27 | 3.26 | 0.95 | ppb |
| Zirconium | 91-1 | 3.21 | 3.34 | 3.25 | 3.27 | 2.08 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:49:28 | DataFile Name : | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13921.50 | 12417.95 | 12371.88 | 12903.78 | 6.83 | ppb |
| Antimony | 121-1 | 0.33 | 0.35 | 0.33 | 0.34 | 2.91 | ppb |
| Arsenic | 75-2 | 12.02 | 11.32 | 11.32 | 11.55 | 3.50 | ppb |
| Barium | 135-1 | 146.57 | 147.55 | 147.95 | 147.36 | 0.48 | ppb |
| Barium | 137-1 | 149.23 | 151.38 | 150.89 | 150.50 | 0.75 | ppb |
| Beryllium | 9-1 | 0.77 | 0.84 | 0.80 | 0.80 | 4.74 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.02 | 1.07 | 0.88 | 0.99 | 10.10 | ppb |
| Cadmium | 106-1 | 0.86 | -0.19 | 0.57 | 0.41 | 130.70 | ppb |
| Cadmium | 111-1 | 0.59 | 0.55 | 0.62 | 0.59 | 6.18 | ppb |
| Calcium | 43-1 | 175738.87 | 176188.45 | 176034.33 | 175987.22 | 0.13 | ppb |
| Calcium | 44-1 | 177110.59 | 175783.87 | 174642.94 | 175845.80 | 0.70 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 32.08 | 28.47 | 28.16 | 29.57 | 7.38 | ppb |
| Cobalt | 59-2 | 18.22 | 16.29 | 16.01 | 16.84 | 7.14 | ppb |
| Copper | 63-2 | 34.36 | 30.50 | 29.54 | 31.47 | 8.10 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 38587.41 | 34286.64 | 34021.59 | 35631.88 | 7.19 | ppb |
| Iron | 57-2 | 39159.44 | 35094.25 | 34686.98 | 36313.56 | 6.81 | ppb |
| Iron | 54-2 | 38424.46 | 34365.65 | 34103.46 | 35631.19 | 6.80 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:49:28 | DataFile Name : | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 15.59 | 15.49 | 15.37 | 15.48 | 0.70 | ppb |
| Lead | 207-1 | 13.65 | 13.45 | 13.37 | 13.49 | 1.08 | ppb |
| Lead | 208-1 | 14.30 | 14.18 | 14.04 | 14.18 | 0.92 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 63094.52 | 56500.63 | 56214.38 | 58603.18 | 6.64 | ppb |
| Manganese | 55-2 | 710.08 | 655.06 | 640.37 | 668.50 | 5.50 | ppb |
| Molybdenum | 94-1 | 14.34 | 14.32 | 14.54 | 14.40 | 0.83 | ppb |
| Molybdenum | 95-1 | 6.32 | 6.19 | 6.29 | 6.26 | 1.08 | ppb |
| Molybdenum | 96-1 | 7.35 | 7.30 | 7.29 | 7.31 | 0.42 | ppb |
| Molybdenum | 97-1 | 6.35 | 6.30 | 6.22 | 6.29 | 1.05 | ppb |
| Molybdenum | 98-1 | 6.24 | 6.19 | 6.34 | 6.26 | 1.26 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 49.91 | 44.42 | 44.02 | 46.11 | 7.14 | ppb |
| Phosphorus | 31-2 | 759.63 | 666.59 | 665.74 | 697.32 | 7.74 | ppb |
| Potassium | 39-2 | 2487.64 | 2194.15 | 2163.99 | 2281.93 | 7.84 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 1.19 | 0.27 | 0.60 | 0.69 | 68.22 | ppb |
| Selenium | 77-2 | 8.69 | 10.02 | 7.00 | 8.57 | 17.71 | ppb |
| Selenium | 78-2 | 0.42 | 0.43 | -0.37 | 0.16 | 292.42 | ppb |
| Silicon | 28-1 | 2429.96 | 2489.91 | 2465.21 | 2461.69 | 1.22 | ppb |
| Silver | 107-1 | 0.12 | 0.11 | 0.12 | 0.12 | 6.87 | ppb |
| Silver | 109-1 | 0.10 | 0.11 | 0.10 | 0.10 | 5.27 | ppb |
| Sodium | 23-2 | 347.50 | 307.01 | 306.30 | 320.27 | 7.37 | ppb |
| Strontium | 86-1 | 10461.25 | 10361.31 | 10414.28 | 10412.28 | 0.48 | ppb |
| Strontium | 88-1 | 10302.48 | 10316.80 | 10375.96 | 10331.75 | 0.38 | ppb |
| Sulfur | 34-1 | 5170.58 | 5386.90 | 5242.70 | 5266.73 | 2.09 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.22 | 0.21 | 0.22 | 0.22 | 0.98 | ppb |
| Thallium | 205-1 | 0.22 | 0.21 | 0.22 | 0.21 | 1.11 | ppb |
| Tin | 118-1 | 0.49 | 0.49 | 0.44 | 0.48 | 5.95 | ppb |
| Titanium | 47-1 | 197.31 | 198.96 | 197.52 | 197.93 | 0.46 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:49:28 | DataFile Name : | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.45 | 2.46 | 2.42 | 2.44 | 0.82 | ppb |
| Vanadium | 51-2 | 44.82 | 39.78 | 39.25 | 41.28 | 7.46 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 106.55 | 94.32 | 92.92 | 97.93 | 7.65 | ppb |
| Zirconium | 90-1 | 5.10 | 5.04 | 5.16 | 5.10 | 1.20 | ppb |
| Zirconium | 91-1 | 5.14 | 5.18 | 5.22 | 5.18 | 0.76 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:52:35 | DataFile Name : | 064SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13986.56 | 13824.93 | 13773.12 | 13861.54 | 0.80 | ppb |
| Antimony | 121-1 | 0.20 | 0.20 | 0.21 | 0.20 | 2.24 | ppb |
| Arsenic | 75-2 | 14.19 | 13.99 | 13.95 | 14.04 | 0.92 | ppb |
| Barium | 135-1 | 194.11 | 196.03 | 199.29 | 196.48 | 1.33 | ppb |
| Barium | 137-1 | 199.05 | 200.12 | 201.67 | 200.28 | 0.66 | ppb |
| Beryllium | 9-1 | 0.94 | 0.94 | 0.87 | 0.92 | 4.44 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.85 | 1.02 | 0.96 | 0.94 | 8.79 | ppb |
| Cadmium | 106-1 | 0.63 | 0.20 | 0.26 | 0.36 | 64.37 | ppb |
| Cadmium | 111-1 | 0.64 | 0.58 | 0.58 | 0.60 | 6.23 | ppb |
| Calcium | 43-1 | 161083.46 | 161177.31 | 158607.17 | 160289.32 | 0.91 | ppb |
| Calcium | 44-1 | 160877.29 | 161280.44 | 158777.92 | 160311.89 | 0.84 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 32.52 | 32.06 | 32.24 | 32.27 | 0.71 | ppb |
| Cobalt | 59-2 | 17.09 | 16.96 | 16.80 | 16.95 | 0.87 | ppb |
| Copper | 63-2 | 32.58 | 32.70 | 32.14 | 32.47 | 0.90 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 36934.64 | 36061.46 | 36151.29 | 36382.46 | 1.32 | ppb |
| Iron | 57-2 | 37310.19 | 36923.18 | 36809.45 | 37014.27 | 0.71 | ppb |
| Iron | 54-2 | 37316.17 | 36427.10 | 35953.81 | 36565.69 | 1.89 | ppb |
| Krypton | 83-1 | | | | | | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:52:35 | DataFile Name : | 064SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 29.10 | 28.95 | 28.95 | 29.00 | 0.31 | ppb |
| Lead | 207-1 | 26.46 | 26.70 | 26.55 | 26.57 | 0.46 | ppb |
| Lead | 208-1 | 27.27 | 27.48 | 27.28 | 27.34 | 0.44 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 46173.52 | 46029.18 | 45821.16 | 46007.95 | 0.39 | ppb |
| Manganese | 55-2 | 962.39 | 950.37 | 955.93 | 956.23 | 0.63 | ppb |
| Molybdenum | 94-1 | 8.26 | 8.49 | 8.27 | 8.34 | 1.55 | ppb |
| Molybdenum | 95-1 | 5.15 | 5.14 | 5.33 | 5.21 | 2.11 | ppb |
| Molybdenum | 96-1 | 5.77 | 5.83 | 5.81 | 5.80 | 0.54 | ppb |
| Molybdenum | 97-1 | 5.35 | 5.27 | 5.32 | 5.31 | 0.72 | ppb |
| Molybdenum | 98-1 | 5.22 | 5.20 | 5.24 | 5.22 | 0.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 41.74 | 41.21 | 41.28 | 41.41 | 0.69 | ppb |
| Phosphorus | 31-2 | 675.46 | 691.59 | 698.35 | 688.47 | 1.71 | ppb |
| Potassium | 39-2 | 1437.63 | 1422.95 | 1421.86 | 1427.48 | 0.62 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.60 | 0.57 | 0.47 | 0.55 | 12.02 | ppb |
| Selenium | 77-2 | 7.77 | 6.82 | 6.27 | 6.95 | 10.89 | ppb |
| Selenium | 78-2 | 1.67 | 1.23 | 0.41 | 1.10 | 57.92 | ppb |
| Silicon | 28-1 | 2985.01 | 2988.71 | 2949.69 | 2974.47 | 0.72 | ppb |
| Silver | 107-1 | 0.09 | 0.10 | 0.10 | 0.09 | 5.35 | ppb |
| Silver | 109-1 | 0.09 | 0.11 | 0.09 | 0.10 | 8.46 | ppb |
| Sodium | 23-2 | 231.54 | 228.47 | 231.35 | 230.45 | 0.75 | ppb |
| Strontium | 86-1 | 12704.06 | 12756.92 | 12668.17 | 12709.72 | 0.35 | ppb |
| Strontium | 88-1 | 12612.20 | 12579.78 | 12686.72 | 12626.24 | 0.43 | ppb |
| Sulfur | 34-1 | 1140.46 | 1181.21 | 1172.60 | 1164.76 | 1.84 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.32 | 0.34 | 0.34 | 0.33 | 4.11 | ppb |
| Thallium | 205-1 | 0.32 | 0.33 | 0.32 | 0.32 | 1.61 | ppb |
| Tin | 118-1 | 0.58 | 0.60 | 0.57 | 0.58 | 2.65 | ppb |
| Titanium | 47-1 | 92.37 | 91.90 | 90.81 | 91.69 | 0.87 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:52:35 | DataFile Name : | 064SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.97 | 2.01 | 2.01 | 2.00 | 0.93 | ppb |
| Vanadium | 51-2 | 39.08 | 38.84 | 38.46 | 38.79 | 0.80 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 129.98 | 129.90 | 130.09 | 129.99 | 0.07 | ppb |
| Zirconium | 90-1 | 2.14 | 2.16 | 2.15 | 2.15 | 0.28 | ppb |
| Zirconium | 91-1 | 2.14 | 2.16 | 2.20 | 2.16 | 1.45 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:55:46 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11349.89 | 11358.54 | 11321.24 | 11343.23 | 0.17 | ppb |
| Antimony | 121-1 | 1.64 | 1.65 | 1.68 | 1.66 | 1.28 | ppb |
| Arsenic | 75-2 | 86.35 | 87.96 | 86.50 | 86.93 | 1.02 | ppb |
| Barium | 135-1 | 744.73 | 749.48 | 730.35 | 741.52 | 1.34 | ppb |
| Barium | 137-1 | 752.01 | 752.74 | 746.66 | 750.47 | 0.44 | ppb |
| Beryllium | 9-1 | 1.16 | 1.22 | 1.13 | 1.17 | 3.81 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.84 | 6.38 | 6.27 | 6.16 | 4.64 | ppb |
| Cadmium | 106-1 | 7.10 | 5.68 | 5.72 | 6.17 | 13.09 | ppb |
| Cadmium | 111-1 | 5.61 | 5.53 | 5.67 | 5.60 | 1.26 | ppb |
| Calcium | 43-1 | 163457.99 | 162670.73 | 164359.28 | 163496.00 | 0.52 | ppb |
| Calcium | 44-1 | 160790.72 | 162630.79 | 163263.74 | 162228.42 | 0.79 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 44.67 | 44.69 | 44.64 | 44.66 | 0.06 | ppb |
| Cobalt | 59-2 | 9.89 | 9.78 | 9.76 | 9.81 | 0.71 | ppb |
| Copper | 63-2 | 89.06 | 89.41 | 88.42 | 88.96 | 0.57 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 51679.91 | 51821.79 | 52096.16 | 51865.95 | 0.41 | ppb |
| Iron | 57-2 | 52571.98 | 52156.37 | 52390.40 | 52372.92 | 0.40 | ppb |
| Iron | 54-2 | 51761.84 | 52008.96 | 51871.59 | 51880.79 | 0.24 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:55:46 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1310.37 | 1321.02 | 1315.42 | 1315.60 | 0.40 | ppb |
| Lead | 207-1 | 1205.13 | 1211.09 | 1228.99 | 1215.07 | 1.02 | ppb |
| Lead | 208-1 | 1241.59 | 1250.29 | 1255.18 | 1249.02 | 0.55 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 19291.53 | 19327.52 | 19057.38 | 19225.48 | 0.76 | ppb |
| Manganese | 55-2 | 573.91 | 569.78 | 579.12 | 574.27 | 0.82 | ppb |
| Molybdenum | 94-1 | 22.69 | 22.98 | 22.64 | 22.77 | 0.81 | ppb |
| Molybdenum | 95-1 | 5.72 | 5.72 | 5.78 | 5.74 | 0.62 | ppb |
| Molybdenum | 96-1 | 7.96 | 7.92 | 7.88 | 7.92 | 0.50 | ppb |
| Molybdenum | 97-1 | 5.77 | 5.92 | 5.73 | 5.81 | 1.72 | ppb |
| Molybdenum | 98-1 | 5.79 | 5.87 | 5.78 | 5.81 | 0.86 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 36.43 | 36.70 | 36.25 | 36.46 | 0.62 | ppb |
| Phosphorus | 31-2 | 566.39 | 581.28 | 556.36 | 568.01 | 2.21 | ppb |
| Potassium | 39-2 | 1586.45 | 1584.01 | 1581.01 | 1583.82 | 0.17 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 6.51 | 5.99 | 5.73 | 6.08 | 6.52 | ppb |
| Selenium | 77-2 | 12.39 | 8.67 | 11.80 | 10.96 | 18.25 | ppb |
| Selenium | 78-2 | 5.15 | 5.76 | 5.28 | 5.40 | 5.96 | ppb |
| Silicon | 28-1 | 3017.58 | 3011.35 | 3067.16 | 3032.03 | 1.01 | ppb |
| Silver | 107-1 | 0.14 | 0.15 | 0.14 | 0.14 | 4.40 | ppb |
| Silver | 109-1 | 0.12 | 0.14 | 0.13 | 0.13 | 5.96 | ppb |
| Sodium | 23-2 | 464.48 | 464.20 | 465.23 | 464.64 | 0.11 | ppb |
| Strontium | 86-1 | 15268.95 | 15363.20 | 15254.05 | 15295.40 | 0.39 | ppb |
| Strontium | 88-1 | 15091.90 | 15338.55 | 15221.87 | 15217.44 | 0.81 | ppb |
| Sulfur | 34-1 | 2830.57 | 2786.91 | 2907.08 | 2841.52 | 2.14 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.71 | 0.68 | 0.73 | 0.71 | 2.96 | ppb |
| Thallium | 205-1 | 0.70 | 0.71 | 0.73 | 0.72 | 2.35 | ppb |
| Tin | 118-1 | 6.43 | 6.45 | 6.40 | 6.43 | 0.37 | ppb |
| Titanium | 47-1 | 455.59 | 457.70 | 463.36 | 458.88 | 0.88 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:55:46 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.99 | 2.01 | 2.01 | 2.00 | 0.64 | ppb |
| Vanadium | 51-2 | 41.33 | 41.85 | 41.01 | 41.40 | 1.02 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 1208.09 | 1217.50 | 1212.82 | 1212.80 | 0.39 | ppb |
| Zirconium | 90-1 | 9.94 | 9.99 | 9.95 | 9.96 | 0.24 | ppb |
| Zirconium | 91-1 | 10.13 | 10.06 | 10.17 | 10.12 | 0.55 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:58:50 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13024.78 | 13027.09 | 13136.00 | 13062.62 | 0.49 | ppb |
| Antimony | 121-1 | 0.38 | 0.38 | 0.35 | 0.37 | 3.60 | ppb |
| Arsenic | 75-2 | 10.42 | 10.62 | 10.53 | 10.52 | 0.97 | ppb |
| Barium | 135-1 | 139.59 | 139.73 | 140.13 | 139.81 | 0.20 | ppb |
| Barium | 137-1 | 140.88 | 143.39 | 142.70 | 142.32 | 0.91 | ppb |
| Beryllium | 9-1 | 1.18 | 1.14 | 1.19 | 1.17 | 2.11 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.42 | 1.22 | 1.64 | 1.43 | 14.71 | ppb |
| Cadmium | 106-1 | 1.30 | 0.68 | 0.93 | 0.97 | 32.01 | ppb |
| Cadmium | 111-1 | 0.51 | 0.47 | 0.50 | 0.49 | 4.83 | ppb |
| Calcium | 43-1 | 240216.51 | 238786.95 | 239014.45 | 239339.30 | 0.32 | ppb |
| Calcium | 44-1 | 239260.92 | 239475.45 | 239273.21 | 239336.53 | 0.05 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 29.99 | 30.20 | 30.75 | 30.31 | 1.30 | ppb |
| Cobalt | 59-2 | 11.78 | 12.05 | 12.18 | 12.00 | 1.67 | ppb |
| Copper | 63-2 | 36.11 | 36.21 | 36.33 | 36.22 | 0.31 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 31258.88 | 31261.32 | 31772.86 | 31431.02 | 0.94 | ppb |
| Iron | 57-2 | 31949.19 | 32319.09 | 32470.89 | 32246.39 | 0.83 | ppb |
| Iron | 54-2 | 31248.80 | 31591.27 | 31820.56 | 31553.55 | 0.91 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:58:50 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 31.97 | 31.94 | 31.83 | 31.91 | 0.24 | ppb |
| Lead | 207-1 | 29.43 | 28.77 | 28.60 | 28.93 | 1.52 | ppb |
| Lead | 208-1 | 30.24 | 29.73 | 29.58 | 29.85 | 1.15 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 53896.20 | 54000.37 | 54332.28 | 54076.28 | 0.42 | ppb |
| Manganese | 55-2 | 993.76 | 999.39 | 1004.92 | 999.36 | 0.56 | ppb |
| Molybdenum | 94-1 | 21.72 | 21.72 | 21.94 | 21.79 | 0.58 | ppb |
| Molybdenum | 95-1 | 5.84 | 5.69 | 5.69 | 5.74 | 1.48 | ppb |
| Molybdenum | 96-1 | 7.74 | 7.72 | 7.63 | 7.70 | 0.81 | ppb |
| Molybdenum | 97-1 | 5.85 | 5.84 | 5.83 | 5.84 | 0.12 | ppb |
| Molybdenum | 98-1 | 5.80 | 5.83 | 5.75 | 5.79 | 0.77 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 34.03 | 34.68 | 34.70 | 34.47 | 1.10 | ppb |
| Phosphorus | 31-2 | 674.55 | 706.21 | 688.26 | 689.67 | 2.30 | ppb |
| Potassium | 39-2 | 2285.99 | 2260.80 | 2247.14 | 2264.64 | 0.87 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 1.38 | 0.58 | 0.52 | 0.82 | 58.36 | ppb |
| Selenium | 77-2 | 7.69 | 9.22 | 7.02 | 7.97 | 14.13 | ppb |
| Selenium | 78-2 | 0.58 | 0.31 | 1.03 | 0.64 | 56.83 | ppb |
| Silicon | 28-1 | 9070.11 | 9179.66 | 9103.64 | 9117.80 | 0.62 | ppb |
| Silver | 107-1 | 0.09 | 0.11 | 0.10 | 0.10 | 6.81 | ppb |
| Silver | 109-1 | 0.09 | 0.08 | 0.08 | 0.08 | 1.61 | ppb |
| Sodium | 23-2 | 756.18 | 761.70 | 761.42 | 759.77 | 0.41 | ppb |
| Strontium | 86-1 | 24897.10 | 25143.79 | 25540.93 | 25193.94 | 1.29 | ppb |
| Strontium | 88-1 | 24911.21 | 25006.40 | 25470.44 | 25129.35 | 1.19 | ppb |
| Sulfur | 34-1 | 2980.04 | 2967.45 | 2982.21 | 2976.57 | 0.27 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.31 | 0.31 | 0.32 | 0.31 | 2.70 | ppb |
| Thallium | 205-1 | 0.33 | 0.31 | 0.32 | 0.32 | 2.92 | ppb |
| Tin | 118-1 | 7.00 | 7.03 | 7.05 | 7.03 | 0.38 | ppb |
| Titanium | 47-1 | 289.73 | 291.43 | 289.89 | 290.35 | 0.32 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:58:50 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.24 | 2.21 | 2.21 | 2.22 | 0.82 | ppb |
| Vanadium | 51-2 | 28.13 | 28.15 | 27.85 | 28.04 | 0.59 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 169.88 | 171.44 | 169.38 | 170.23 | 0.63 | ppb |
| Zirconium | 90-1 | 9.35 | 9.30 | 9.43 | 9.36 | 0.73 | ppb |
| Zirconium | 91-1 | 9.32 | 9.25 | 9.48 | 9.35 | 1.29 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:02:02 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20035.54 | 20154.80 | 19923.45 | 20037.93 | 0.58 | ppb |
| Antimony | 121-1 | 0.18 | 0.18 | 0.19 | 0.18 | 1.63 | ppb |
| Arsenic | 75-2 | 20.37 | 19.70 | 20.13 | 20.07 | 1.69 | ppb |
| Barium | 135-1 | 153.61 | 165.22 | 162.11 | 160.31 | 3.75 | ppb |
| Barium | 137-1 | 155.92 | 167.80 | 165.86 | 163.19 | 3.91 | ppb |
| Beryllium | 9-1 | 1.57 | 1.73 | 1.62 | 1.64 | 4.99 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.86 | 1.24 | 1.18 | 1.10 | 18.52 | ppb |
| Cadmium | 106-1 | 0.44 | 0.33 | 0.02 | 0.26 | 82.49 | ppb |
| Cadmium | 111-1 | 0.65 | 0.67 | 0.61 | 0.64 | 5.43 | ppb |
| Calcium | 43-1 | 10041.90 | 10588.73 | 10465.55 | 10365.39 | 2.77 | ppb |
| Calcium | 44-1 | 9529.48 | 10113.49 | 9931.66 | 9858.21 | 3.03 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 39.41 | 39.61 | 39.74 | 39.59 | 0.42 | ppb |
| Cobalt | 59-2 | 28.62 | 29.12 | 29.02 | 28.92 | 0.91 | ppb |
| Copper | 63-2 | 40.57 | 41.04 | 40.95 | 40.85 | 0.62 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 54082.38 | 54745.67 | 54765.55 | 54531.20 | 0.71 | ppb |
| Iron | 57-2 | 52658.46 | 53579.77 | 53912.45 | 53383.56 | 1.22 | ppb |
| Iron | 54-2 | 54018.24 | 54713.76 | 54927.32 | 54553.11 | 0.87 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:02:02 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 40.00 | 42.00 | 41.03 | 41.01 | 2.43 | ppb |
| Lead | 207-1 | 35.96 | 37.91 | 37.23 | 37.03 | 2.67 | ppb |
| Lead | 208-1 | 37.36 | 39.60 | 38.58 | 38.51 | 2.91 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 6945.22 | 7044.66 | 6954.15 | 6981.34 | 0.79 | ppb |
| Manganese | 55-2 | 2065.04 | 2088.56 | 2073.44 | 2075.68 | 0.57 | ppb |
| Molybdenum | 94-1 | 10.70 | 11.55 | 11.44 | 11.23 | 4.11 | ppb |
| Molybdenum | 95-1 | 6.44 | 6.87 | 6.93 | 6.75 | 4.00 | ppb |
| Molybdenum | 96-1 | 7.19 | 7.69 | 7.64 | 7.51 | 3.67 | ppb |
| Molybdenum | 97-1 | 6.52 | 6.92 | 6.84 | 6.76 | 3.16 | ppb |
| Molybdenum | 98-1 | 6.52 | 6.87 | 6.80 | 6.73 | 2.81 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 47.00 | 47.65 | 47.38 | 47.34 | 0.68 | ppb |
| Phosphorus | 31-2 | 528.17 | 525.28 | 516.93 | 523.46 | 1.11 | ppb |
| Potassium | 39-2 | 1609.68 | 1625.73 | 1620.70 | 1618.70 | 0.51 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.90 | 1.07 | 0.69 | 0.88 | 21.52 | ppb |
| Selenium | 77-2 | 8.93 | 9.37 | 11.51 | 9.94 | 13.87 | ppb |
| Selenium | 78-2 | 1.26 | 1.19 | 0.57 | 1.00 | 37.87 | ppb |
| Silicon | 28-1 | 2751.04 | 2891.74 | 2864.66 | 2835.82 | 2.63 | ppb |
| Silver | 107-1 | 0.12 | 0.13 | 0.12 | 0.12 | 2.90 | ppb |
| Silver | 109-1 | 0.12 | 0.12 | 0.13 | 0.12 | 5.56 | ppb |
| Sodium | 23-2 | 341.98 | 347.49 | 349.23 | 346.23 | 1.09 | ppb |
| Strontium | 86-1 | 3805.85 | 4061.54 | 4009.81 | 3959.07 | 3.41 | ppb |
| Strontium | 88-1 | 4006.01 | 4180.94 | 4121.58 | 4102.84 | 2.17 | ppb |
| Sulfur | 34-1 | -105.32 | 27.23 | -202.38 | -93.49 | | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.37 | 0.37 | 0.34 | 0.36 | 3.91 | ppb |
| Thallium | 205-1 | 0.35 | 0.38 | 0.36 | 0.36 | 4.24 | ppb |
| Tin | 118-1 | 0.66 | 0.76 | 0.73 | 0.71 | 7.29 | ppb |
| Titanium | 47-1 | 102.29 | 108.68 | 108.42 | 106.46 | 3.40 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:02:02 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.26 | 2.40 | 2.30 | 2.32 | 3.06 | ppb |
| Vanadium | 51-2 | 55.02 | 56.48 | 55.73 | 55.74 | 1.32 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 128.19 | 129.71 | 128.97 | 128.96 | 0.59 | ppb |
| Zirconium | 90-1 | 2.99 | 3.20 | 3.18 | 3.12 | 3.61 | ppb |
| Zirconium | 91-1 | 2.98 | 3.22 | 3.11 | 3.10 | 3.83 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:05:12 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12425.78 | 12792.16 | 12532.12 | 12583.35 | 1.50 | ppb |
| Antimony | 121-1 | 0.26 | 0.25 | 0.25 | 0.26 | 1.07 | ppb |
| Arsenic | 75-2 | 13.24 | 13.95 | 13.03 | 13.41 | 3.60 | ppb |
| Barium | 135-1 | 134.68 | 133.85 | 134.61 | 134.38 | 0.34 | ppb |
| Barium | 137-1 | 137.45 | 136.32 | 136.77 | 136.85 | 0.42 | ppb |
| Beryllium | 9-1 | 0.72 | 0.71 | 0.70 | 0.71 | 1.03 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.90 | 0.78 | 0.76 | 0.82 | 9.53 | ppb |
| Cadmium | 106-1 | 0.49 | 0.24 | 0.15 | 0.29 | 59.66 | ppb |
| Cadmium | 111-1 | 0.32 | 0.31 | 0.30 | 0.31 | 3.65 | ppb |
| Calcium | 43-1 | 229839.30 | 230408.74 | 230641.80 | 230296.61 | 0.18 | ppb |
| Calcium | 44-1 | 229877.04 | 228078.31 | 228186.99 | 228714.11 | 0.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 25.81 | 25.88 | 26.08 | 25.92 | 0.52 | ppb |
| Cobalt | 59-2 | 16.01 | 16.09 | 16.12 | 16.08 | 0.36 | ppb |
| Copper | 63-2 | 37.82 | 38.40 | 38.41 | 38.21 | 0.88 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 37397.36 | 38124.38 | 37494.19 | 37671.98 | 1.05 | ppb |
| Iron | 57-2 | 37878.43 | 38382.82 | 38270.97 | 38177.40 | 0.69 | ppb |
| Iron | 54-2 | 37670.55 | 38346.10 | 37712.02 | 37909.56 | 1.00 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:05:12 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18.61 | 18.72 | 18.45 | 18.59 | 0.72 | ppb |
| Lead | 207-1 | 16.62 | 16.87 | 16.55 | 16.68 | 0.99 | ppb |
| Lead | 208-1 | 17.44 | 17.38 | 17.26 | 17.36 | 0.53 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 29210.80 | 29769.98 | 29422.86 | 29467.88 | 0.96 | ppb |
| Manganese | 55-2 | 932.48 | 946.55 | 935.44 | 938.16 | 0.79 | ppb |
| Molybdenum | 94-1 | 16.48 | 16.30 | 16.32 | 16.37 | 0.62 | ppb |
| Molybdenum | 95-1 | 9.20 | 9.30 | 9.36 | 9.28 | 0.85 | ppb |
| Molybdenum | 96-1 | 10.39 | 10.41 | 10.26 | 10.35 | 0.83 | ppb |
| Molybdenum | 97-1 | 9.33 | 9.44 | 9.20 | 9.33 | 1.28 | ppb |
| Molybdenum | 98-1 | 9.46 | 9.42 | 9.47 | 9.45 | 0.26 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 43.25 | 43.52 | 43.06 | 43.28 | 0.54 | ppb |
| Phosphorus | 31-2 | 941.30 | 986.28 | 951.63 | 959.74 | 2.45 | ppb |
| Potassium | 39-2 | 1892.11 | 1918.59 | 1893.75 | 1901.48 | 0.78 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.74 | 0.23 | 0.47 | 0.48 | 52.93 | ppb |
| Selenium | 77-2 | 11.43 | 9.88 | 9.60 | 10.30 | 9.55 | ppb |
| Selenium | 78-2 | -0.07 | -0.32 | 1.21 | 0.27 | 301.92 | ppb |
| Silicon | 28-1 | 2296.18 | 2256.07 | 2237.87 | 2263.37 | 1.32 | ppb |
| Silver | 107-1 | 0.07 | 0.07 | 0.07 | 0.07 | 7.26 | ppb |
| Silver | 109-1 | 0.06 | 0.06 | 0.07 | 0.06 | 1.97 | ppb |
| Sodium | 23-2 | 409.93 | 418.15 | 414.60 | 414.23 | 1.00 | ppb |
| Strontium | 86-1 | 8476.30 | 8533.68 | 8443.63 | 8484.54 | 0.54 | ppb |
| Strontium | 88-1 | 8322.03 | 8469.06 | 8475.45 | 8422.18 | 1.03 | ppb |
| Sulfur | 34-1 | 246.05 | 204.64 | 234.72 | 228.47 | 9.37 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.38 | 0.39 | 0.36 | 0.38 | 3.69 | ppb |
| Thallium | 205-1 | 0.37 | 0.37 | 0.37 | 0.37 | 0.83 | ppb |
| Tin | 118-1 | 0.53 | 0.52 | 0.51 | 0.52 | 1.96 | ppb |
| Titanium | 47-1 | 222.60 | 221.97 | 221.45 | 222.01 | 0.26 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:05:12 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.90 | 1.87 | 1.84 | 1.87 | 1.46 | ppb |
| Vanadium | 51-2 | 32.48 | 32.79 | 32.38 | 32.55 | 0.66 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 106.30 | 107.87 | 107.94 | 107.37 | 0.86 | ppb |
| Zirconium | 90-1 | 4.85 | 4.87 | 4.83 | 4.85 | 0.38 | ppb |
| Zirconium | 91-1 | 4.84 | 4.77 | 4.87 | 4.83 | 1.04 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:08:25 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1442.00 | 1451.78 | 1417.37 | 1437.05 | 1.23 | ppb |
| Antimony | 121-1 | 0.17 | 0.17 | 0.17 | 0.17 | 1.58 | ppb |
| Arsenic | 75-2 | 2.41 | 2.85 | 2.56 | 2.61 | 8.66 | ppb |
| Barium | 135-1 | 43.25 | 44.51 | 44.27 | 44.01 | 1.52 | ppb |
| Barium | 137-1 | 43.97 | 44.50 | 44.89 | 44.45 | 1.03 | ppb |
| Beryllium | 9-1 | 0.10 | 0.16 | 0.11 | 0.12 | 24.38 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.33 | 0.33 | 0.42 | 0.36 | 14.68 | ppb |
| Cadmium | 106-1 | 0.47 | -0.04 | 0.57 | 0.33 | 98.41 | ppb |
| Cadmium | 111-1 | 0.14 | 0.12 | 0.15 | 0.14 | 12.63 | ppb |
| Calcium | 43-1 | 453954.66 | 460088.43 | 456743.35 | 456928.82 | 0.67 | ppb |
| Calcium | 44-1 | 449798.43 | 459419.95 | 461496.92 | 456905.10 | 1.37 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 9.38 | 9.53 | 9.37 | 9.43 | 0.95 | ppb |
| Cobalt | 59-2 | 2.05 | 2.13 | 2.08 | 2.09 | 1.99 | ppb |
| Copper | 63-2 | 5.21 | 5.29 | 5.27 | 5.26 | 0.86 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 4879.53 | 4885.52 | 4804.44 | 4856.50 | 0.93 | ppb |
| Iron | 57-2 | 6890.86 | 7034.90 | 6968.96 | 6964.91 | 1.04 | ppb |
| Iron | 54-2 | 4950.07 | 4951.77 | 4869.87 | 4923.90 | 0.95 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:08:25 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5.36 | 5.32 | 5.30 | 5.33 | 0.57 | ppb |
| Lead | 207-1 | 4.22 | 4.22 | 4.20 | 4.21 | 0.36 | ppb |
| Lead | 208-1 | 4.48 | 4.49 | 4.53 | 4.50 | 0.55 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 233908.65 | 236967.66 | 231949.87 | 234275.39 | 1.08 | ppb |
| Manganese | 55-2 | 182.87 | 186.09 | 181.88 | 183.61 | 1.20 | ppb |
| Molybdenum | 94-1 | 6.46 | 6.53 | 6.53 | 6.51 | 0.56 | ppb |
| Molybdenum | 95-1 | 1.82 | 1.87 | 1.90 | 1.86 | 2.38 | ppb |
| Molybdenum | 96-1 | 2.32 | 2.44 | 2.43 | 2.40 | 2.70 | ppb |
| Molybdenum | 97-1 | 1.83 | 1.81 | 1.95 | 1.86 | 4.04 | ppb |
| Molybdenum | 98-1 | 1.91 | 1.91 | 1.86 | 1.89 | 1.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 10.05 | 10.22 | 9.87 | 10.05 | 1.71 | ppb |
| Phosphorus | 31-2 | 110.11 | 108.83 | 112.65 | 110.53 | 1.76 | ppb |
| Potassium | 39-2 | 414.60 | 426.27 | 417.02 | 419.30 | 1.47 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 0.67 | 0.79 | 0.58 | 0.68 | 15.32 | ppb |
| Selenium | 77-2 | 1.38 | 1.90 | 1.70 | 1.66 | 15.72 | ppb |
| Selenium | 78-2 | 0.08 | 0.20 | 0.14 | 0.14 | 43.74 | ppb |
| Silicon | 28-1 | 745.71 | 761.03 | 754.71 | 753.82 | 1.02 | ppb |
| Silver | 107-1 | 0.03 | 0.05 | 0.05 | 0.04 | 21.08 | ppb |
| Silver | 109-1 | 0.03 | 0.04 | 0.05 | 0.04 | 29.29 | ppb |
| Sodium | 23-2 | 541.25 | 541.80 | 536.40 | 539.82 | 0.55 | ppb |
| Strontium | 86-1 | 10635.36 | 10776.06 | 10514.31 | 10641.91 | 1.23 | ppb |
| Strontium | 88-1 | 10584.22 | 10770.72 | 10554.92 | 10636.62 | 1.10 | ppb |
| Sulfur | 34-1 | 2340.07 | 2517.89 | 2536.04 | 2464.67 | 4.39 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.10 | 0.11 | 0.12 | 0.11 | 6.75 | ppb |
| Thallium | 205-1 | 0.10 | 0.10 | 0.11 | 0.10 | 6.28 | ppb |
| Tin | 118-1 | 0.18 | 0.17 | 0.18 | 0.18 | 3.42 | ppb |
| Titanium | 47-1 | 37.58 | 38.51 | 38.27 | 38.12 | 1.28 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:08:25 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.63 | 3.65 | 3.65 | 3.64 | 0.29 | ppb |
| Vanadium | 51-2 | 10.62 | 10.64 | 10.53 | 10.60 | 0.58 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 20.36 | 20.57 | 19.87 | 20.27 | 1.76 | ppb |
| Zirconium | 90-1 | 2.72 | 2.71 | 2.74 | 2.72 | 0.57 | ppb |
| Zirconium | 91-1 | 2.73 | 2.85 | 2.67 | 2.75 | 3.29 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:11:38 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13979.25 | 13892.87 | 13791.04 | 13887.72 | 0.68 | ppb |
| Antimony | 121-1 | 2.96 | 2.95 | 2.95 | 2.95 | 0.17 | ppb |
| Arsenic | 75-2 | 25.97 | 25.07 | 25.03 | 25.36 | 2.10 | ppb |
| Barium | 135-1 | 277.06 | 276.89 | 275.06 | 276.34 | 0.40 | ppb |
| Barium | 137-1 | 295.99 | 293.27 | 293.23 | 294.16 | 0.54 | ppb |
| Beryllium | 9-1 | 1.42 | 1.29 | 1.30 | 1.33 | 5.56 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.92 | 2.73 | 2.97 | 2.87 | 4.44 | ppb |
| Cadmium | 106-1 | 2.53 | 2.75 | 2.10 | 2.46 | 13.56 | ppb |
| Cadmium | 111-1 | 2.25 | 2.14 | 2.21 | 2.20 | 2.45 | ppb |
| Calcium | 43-1 | 70937.79 | 72406.42 | 72063.00 | 71802.41 | 1.07 | ppb |
| Calcium | 44-1 | 70622.37 | 71891.20 | 71834.51 | 71449.36 | 1.00 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 398.65 | 396.27 | 399.99 | 398.30 | 0.47 | ppb |
| Cobalt | 59-2 | 15.71 | 15.72 | 15.71 | 15.71 | 0.03 | ppb |
| Copper | 63-2 | 644.75 | 645.48 | 640.73 | 643.65 | 0.40 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 74268.81 | 73795.85 | 73675.95 | 73913.54 | 0.42 | ppb |
| Iron | 57-2 | 73202.85 | 72469.83 | 72975.09 | 72882.59 | 0.51 | ppb |
| Iron | 54-2 | 74095.94 | 73981.64 | 74164.74 | 74080.77 | 0.12 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:11:38 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 373.35 | 379.66 | 373.18 | 375.40 | 0.98 | ppb |
| Lead | 207-1 | 368.67 | 373.12 | 371.58 | 371.12 | 0.61 | ppb |
| Lead | 208-1 | 366.02 | 374.80 | 371.77 | 370.86 | 1.20 | ppb |
| Lithium | 6-1 | | | | 111 | | % |
| Magnesium | 24-2 | 13451.43 | 13529.48 | 13308.84 | 13429.91 | 0.83 | ppb |
| Manganese | 55-2 | 1045.96 | 1045.76 | 1053.48 | 1048.40 | 0.42 | ppb |
| Molybdenum | 94-1 | 38.97 | 39.54 | 40.40 | 39.64 | 1.82 | ppb |
| Molybdenum | 95-1 | 41.30 | 42.19 | 43.19 | 42.23 | 2.24 | ppb |
| Molybdenum | 96-1 | 42.18 | 42.76 | 43.08 | 42.68 | 1.07 | ppb |
| Molybdenum | 97-1 | 42.10 | 42.80 | 43.33 | 42.74 | 1.44 | ppb |
| Molybdenum | 98-1 | 42.07 | 42.74 | 43.90 | 42.90 | 2.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 238.39 | 238.54 | 237.88 | 238.27 | 0.14 | ppb |
| Phosphorus | 31-2 | 1145.65 | 1091.00 | 1115.79 | 1117.48 | 2.45 | ppb |
| Potassium | 39-2 | 3539.47 | 3561.22 | 3556.64 | 3552.44 | 0.32 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.07 | -0.16 | 0.59 | 0.17 | 232.55 | ppb |
| Selenium | 77-2 | 9.92 | 8.83 | 7.12 | 8.62 | 16.38 | ppb |
| Selenium | 78-2 | -0.44 | -0.04 | 0.95 | 0.16 | 458.86 | ppb |
| Silicon | 28-1 | 3751.25 | 3857.15 | 3833.51 | 3813.97 | 1.46 | ppb |
| Silver | 107-1 | 0.95 | 0.96 | 0.93 | 0.95 | 1.55 | ppb |
| Silver | 109-1 | 0.96 | 0.95 | 0.94 | 0.95 | 0.90 | ppb |
| Sodium | 23-2 | 760.70 | 753.90 | 755.36 | 756.65 | 0.47 | ppb |
| Strontium | 86-1 | 7105.69 | 7197.10 | 7446.59 | 7249.79 | 2.43 | ppb |
| Strontium | 88-1 | 7399.94 | 7450.33 | 7626.04 | 7492.10 | 1.58 | ppb |
| Sulfur | 34-1 | 2394.56 | 2526.13 | 2518.26 | 2479.65 | 2.98 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.18 | 0.20 | 0.20 | 0.19 | 6.56 | ppb |
| Thallium | 205-1 | 0.20 | 0.20 | 0.20 | 0.20 | 1.06 | ppb |
| Tin | 118-1 | 73.57 | 73.92 | 73.91 | 73.80 | 0.27 | ppb |
| Titanium | 47-1 | 384.09 | 393.52 | 391.15 | 389.59 | 1.26 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:11:38 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.59 | 1.62 | 1.59 | 1.60 | 1.07 | ppb |
| Vanadium | 51-2 | 48.46 | 48.63 | 48.16 | 48.41 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 1030.11 | 1037.52 | 1032.07 | 1033.23 | 0.37 | ppb |
| Zirconium | 90-1 | 2.52 | 2.56 | 2.68 | 2.59 | 3.31 | ppb |
| Zirconium | 91-1 | 2.55 | 2.64 | 2.67 | 2.62 | 2.42 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:14:41 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 23094.50 | 23330.02 | 23281.16 | 23235.23 | 0.53 | ppb |
| Antimony | 121-1 | 6.71 | 4.13 | 4.07 | 4.97 | 30.36 | ppb |
| Arsenic | 75-2 | 28.48 | 28.78 | 29.19 | 28.82 | 1.23 | ppb |
| Barium | 135-1 | 565.64 | 348.74 | 342.58 | 418.99 | 30.32 | ppb |
| Barium | 137-1 | 612.61 | 370.51 | 360.37 | 447.83 | 31.89 | ppb |
| Beryllium | 9-1 | 2.38 | 1.47 | 1.45 | 1.76 | 29.95 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.36 | 2.62 | 3.14 | 3.71 | 39.24 | ppb |
| Cadmium | 106-1 | 5.17 | 3.15 | 2.49 | 3.60 | 38.70 | ppb |
| Cadmium | 111-1 | 3.38 | 2.12 | 2.05 | 2.52 | 29.78 | ppb |
| Calcium | 43-1 | 90704.96 | 57923.15 | 55899.55 | 68175.89 | 28.66 | ppb |
| Calcium | 44-1 | 89556.34 | 57156.89 | 55204.50 | 67305.91 | 28.67 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 470.75 | 472.05 | 473.51 | 472.10 | 0.29 | ppb |
| Cobalt | 59-2 | 39.87 | 39.79 | 39.61 | 39.75 | 0.34 | ppb |
| Copper | 63-2 | 669.00 | 660.80 | 665.59 | 665.13 | 0.62 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 94 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 88 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 328166.29 | 329143.30 | 327925.76 | 328411.78 | 0.20 | ppb |
| Iron | 57-2 | 325990.13 | 328874.55 | 329234.02 | 328032.90 | 0.54 | ppb |
| Iron | 54-2 | 329433.20 | 329760.83 | 329703.52 | 329632.52 | 0.05 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:14:41 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 497.60 | 307.82 | 302.11 | 369.18 | 30.14 | ppb |
| Lead | 207-1 | 491.42 | 296.11 | 300.86 | 362.80 | 30.71 | ppb |
| Lead | 208-1 | 492.12 | 300.94 | 297.51 | 363.53 | 30.64 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 13493.31 | 13396.24 | 13578.19 | 13489.25 | 0.67 | ppb |
| Manganese | 55-2 | 2035.75 | 2044.91 | 2031.47 | 2037.38 | 0.34 | ppb |
| Molybdenum | 94-1 | 72.38 | 46.82 | 45.36 | 54.85 | 27.71 | ppb |
| Molybdenum | 95-1 | 57.90 | 37.16 | 36.37 | 43.81 | 27.87 | ppb |
| Molybdenum | 96-1 | 63.50 | 40.77 | 39.73 | 48.00 | 27.99 | ppb |
| Molybdenum | 97-1 | 58.10 | 37.51 | 36.53 | 44.05 | 27.66 | ppb |
| Molybdenum | 98-1 | 58.11 | 37.41 | 36.32 | 43.94 | 27.94 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 335.45 | 334.00 | 333.97 | 334.47 | 0.25 | ppb |
| Phosphorus | 31-2 | 751.74 | 757.19 | 769.25 | 759.39 | 1.18 | ppb |
| Potassium | 39-2 | 3058.13 | 3082.67 | 3115.87 | 3085.56 | 0.94 | ppb |
| Rhodium | 103-1 | | | | 86 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.92 | 0.34 | 0.40 | 0.55 | 57.32 | ppb |
| Selenium | 77-2 | 5.17 | 5.68 | 6.48 | 5.78 | 11.44 | ppb |
| Selenium | 78-2 | 0.26 | -0.51 | 0.24 | 0.00 | | ppb |
| Silicon | 28-1 | 6996.10 | 4435.78 | 4304.18 | 5245.35 | 28.93 | ppb |
| Silver | 107-1 | 1.01 | 0.63 | 0.62 | 0.75 | 29.14 | ppb |
| Silver | 109-1 | 1.03 | 0.63 | 0.61 | 0.76 | 31.34 | ppb |
| Sodium | 23-2 | 550.45 | 550.19 | 549.82 | 550.15 | 0.06 | ppb |
| Strontium | 86-1 | 5967.17 | 3824.25 | 3715.59 | 4502.34 | 28.20 | ppb |
| Strontium | 88-1 | 6148.61 | 3960.93 | 3793.95 | 4634.50 | 28.35 | ppb |
| Sulfur | 34-1 | 4343.57 | 1218.89 | 1063.66 | 2208.71 | 83.78 | ppb |
| Terbium | 159-1 | | | | 93 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.16 | 0.10 | 0.10 | 0.12 | 28.63 | ppb |
| Thallium | 205-1 | 0.18 | 0.10 | 0.10 | 0.12 | 35.05 | ppb |
| Tin | 118-1 | 106.82 | 66.35 | 65.15 | 79.44 | 29.86 | ppb |
| Titanium | 47-1 | 2102.03 | 1350.12 | 1291.11 | 1581.09 | 28.60 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:14:41 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.70 | 1.70 | 1.63 | 2.01 | 29.83 | ppb |
| Vanadium | 51-2 | 61.15 | 61.39 | 61.33 | 61.29 | 0.21 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 453.26 | 454.16 | 450.47 | 452.63 | 0.42 | ppb |
| Zirconium | 90-1 | 13.33 | 8.58 | 8.31 | 10.07 | 28.03 | ppb |
| Zirconium | 91-1 | 13.28 | 8.77 | 8.43 | 10.16 | 26.65 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:17:42 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17838.61 | 17562.67 | 17622.29 | 17674.52 | 0.82 | ppb |
| Antimony | 121-1 | 2.04 | 2.00 | 2.03 | 2.02 | 1.00 | ppb |
| Arsenic | 75-2 | 17.76 | 17.31 | 17.33 | 17.47 | 1.47 | ppb |
| Barium | 135-1 | 707.52 | 715.46 | 698.47 | 707.15 | 1.20 | ppb |
| Barium | 137-1 | 719.25 | 701.11 | 705.07 | 708.47 | 1.35 | ppb |
| Beryllium | 9-1 | 1.96 | 2.07 | 2.07 | 2.03 | 3.13 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.11 | 4.29 | 4.87 | 4.76 | 8.83 | ppb |
| Cadmium | 106-1 | 5.69 | 4.53 | 4.13 | 4.79 | 16.93 | ppb |
| Cadmium | 111-1 | 4.31 | 4.29 | 4.10 | 4.23 | 2.68 | ppb |
| Calcium | 43-1 | 79762.52 | 79094.33 | 79212.55 | 79356.47 | 0.45 | ppb |
| Calcium | 44-1 | 78405.46 | 78017.79 | 78966.51 | 78463.25 | 0.61 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 182.24 | 181.85 | 181.25 | 181.78 | 0.28 | ppb |
| Cobalt | 59-2 | 16.33 | 16.71 | 16.37 | 16.47 | 1.25 | ppb |
| Copper | 63-2 | 445.86 | 439.85 | 440.95 | 442.22 | 0.72 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 54996.79 | 55058.25 | 55044.16 | 55033.07 | 0.06 | ppb |
| Iron | 57-2 | 55372.66 | 55250.39 | 54363.03 | 54995.36 | 1.00 | ppb |
| Iron | 54-2 | 55467.97 | 54672.48 | 55269.54 | 55136.66 | 0.75 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:17:42 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 968.53 | 965.26 | 986.42 | 973.40 | 1.17 | ppb |
| Lead | 207-1 | 936.62 | 917.52 | 945.74 | 933.29 | 1.54 | ppb |
| Lead | 208-1 | 939.40 | 933.45 | 953.76 | 942.20 | 1.11 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 20120.48 | 20071.23 | 19970.59 | 20054.10 | 0.38 | ppb |
| Manganese | 55-2 | 2162.86 | 2126.68 | 2153.57 | 2147.70 | 0.88 | ppb |
| Molybdenum | 94-1 | 23.33 | 22.99 | 23.64 | 23.32 | 1.40 | ppb |
| Molybdenum | 95-1 | 16.37 | 16.14 | 16.56 | 16.35 | 1.28 | ppb |
| Molybdenum | 96-1 | 17.42 | 17.42 | 17.52 | 17.45 | 0.35 | ppb |
| Molybdenum | 97-1 | 16.42 | 16.32 | 16.48 | 16.41 | 0.51 | ppb |
| Molybdenum | 98-1 | 16.39 | 16.16 | 16.46 | 16.34 | 0.97 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 273.83 | 273.90 | 273.63 | 273.79 | 0.05 | ppb |
| Phosphorus | 31-2 | 1689.20 | 1725.52 | 1722.54 | 1712.42 | 1.18 | ppb |
| Potassium | 39-2 | 4492.07 | 4515.13 | 4511.01 | 4506.07 | 0.27 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 0.86 | 0.72 | 1.17 | 0.92 | 25.06 | ppb |
| Selenium | 77-2 | 11.20 | 6.75 | 8.35 | 8.77 | 25.70 | ppb |
| Selenium | 78-2 | 2.50 | 1.14 | 0.76 | 1.46 | 62.30 | ppb |
| Silicon | 28-1 | 6392.15 | 6452.58 | 6424.93 | 6423.22 | 0.47 | ppb |
| Silver | 107-1 | 1.10 | 1.06 | 1.06 | 1.08 | 1.93 | ppb |
| Silver | 109-1 | 1.07 | 1.06 | 1.03 | 1.05 | 1.93 | ppb |
| Sodium | 23-2 | 1522.80 | 1514.61 | 1508.51 | 1515.31 | 0.47 | ppb |
| Strontium | 86-1 | 6534.58 | 6426.81 | 6596.62 | 6519.34 | 1.32 | ppb |
| Strontium | 88-1 | 6777.59 | 6643.22 | 6795.79 | 6738.87 | 1.24 | ppb |
| Sulfur | 34-1 | 2868.71 | 2890.70 | 2853.65 | 2871.02 | 0.65 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.21 | 0.21 | 0.22 | 0.22 | 2.68 | ppb |
| Thallium | 205-1 | 0.20 | 0.21 | 0.20 | 0.20 | 1.24 | ppb |
| Tin | 118-1 | 11.93 | 11.84 | 11.79 | 11.85 | 0.59 | ppb |
| Titanium | 47-1 | 761.71 | 756.91 | 747.16 | 755.26 | 0.98 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:17:42 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.04 | 2.04 | 2.06 | 2.05 | 0.59 | ppb |
| Vanadium | 51-2 | 40.61 | 40.43 | 40.73 | 40.59 | 0.37 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 995.38 | 996.41 | 996.77 | 996.18 | 0.07 | ppb |
| Zirconium | 90-1 | 5.41 | 5.34 | 5.51 | 5.42 | 1.59 | ppb |
| Zirconium | 91-1 | 5.42 | 5.48 | 5.65 | 5.51 | 2.17 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:20:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14657.32 | 14451.27 | 14506.27 | 14538.29 | 0.73 | ppb |
| Antimony | 121-1 | 6.52 | 7.22 | 7.17 | 6.97 | 5.61 | ppb |
| Arsenic | 75-2 | 57.13 | 57.01 | 56.77 | 56.97 | 0.32 | ppb |
| Barium | 135-1 | 359.88 | 393.89 | 400.34 | 384.70 | 5.65 | ppb |
| Barium | 137-1 | 386.82 | 425.83 | 431.08 | 414.57 | 5.83 | ppb |
| Beryllium | 9-1 | 1.48 | 1.72 | 1.78 | 1.66 | 9.63 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.86 | 5.15 | 5.08 | 5.03 | 3.00 | ppb |
| Cadmium | 106-1 | 3.83 | 4.00 | 4.84 | 4.23 | 12.81 | ppb |
| Cadmium | 111-1 | 3.63 | 4.15 | 4.23 | 4.01 | 8.13 | ppb |
| Calcium | 43-1 | 64642.26 | 71568.56 | 71675.33 | 69295.38 | 5.82 | ppb |
| Calcium | 44-1 | 63330.49 | 71236.54 | 71128.37 | 68565.13 | 6.61 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 853.63 | 851.19 | 858.20 | 854.34 | 0.42 | ppb |
| Cobalt | 59-2 | 35.10 | 34.83 | 35.14 | 35.02 | 0.48 | ppb |
| Copper | 63-2 | 2008.75 | 1981.55 | 1993.77 | 1994.69 | 0.68 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 220917.29 | 219731.31 | 222575.47 | 221074.69 | 0.65 | ppb |
| Iron | 57-2 | 218928.98 | 218273.01 | 220904.47 | 219368.82 | 0.62 | ppb |
| Iron | 54-2 | 221080.74 | 219617.17 | 222178.02 | 220958.64 | 0.58 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:20:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 940.75 | 1049.94 | 1024.61 | 1005.10 | 5.69 | ppb |
| Lead | 207-1 | 922.10 | 1031.62 | 1010.74 | 988.15 | 5.88 | ppb |
| Lead | 208-1 | 927.81 | 1033.87 | 1022.63 | 994.77 | 5.86 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 15351.71 | 15288.40 | 15446.64 | 15362.25 | 0.52 | ppb |
| Manganese | 55-2 | 2616.29 | 2608.77 | 2626.04 | 2617.03 | 0.33 | ppb |
| Molybdenum | 94-1 | 78.76 | 90.67 | 89.93 | 86.46 | 7.72 | ppb |
| Molybdenum | 95-1 | 87.64 | 98.65 | 99.68 | 95.32 | 7.00 | ppb |
| Molybdenum | 96-1 | 87.89 | 99.87 | 99.65 | 95.80 | 7.15 | ppb |
| Molybdenum | 97-1 | 88.08 | 100.40 | 99.82 | 96.10 | 7.24 | ppb |
| Molybdenum | 98-1 | 88.17 | 99.47 | 99.80 | 95.82 | 6.91 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 404.12 | 403.55 | 405.15 | 404.27 | 0.20 | ppb |
| Phosphorus | 31-2 | 904.48 | 847.34 | 854.88 | 868.90 | 3.57 | ppb |
| Potassium | 39-2 | 3136.89 | 3139.36 | 3172.80 | 3149.69 | 0.64 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.40 | 0.13 | 0.63 | 0.39 | 63.62 | ppb |
| Selenium | 77-2 | 7.95 | 9.20 | 7.49 | 8.21 | 10.78 | ppb |
| Selenium | 78-2 | 0.50 | 0.65 | 0.51 | 0.55 | 14.90 | ppb |
| Silicon | 28-1 | 5212.27 | 5831.63 | 5867.72 | 5637.21 | 6.54 | ppb |
| Silver | 107-1 | 0.98 | 1.08 | 1.11 | 1.06 | 6.36 | ppb |
| Silver | 109-1 | 0.97 | 1.06 | 1.07 | 1.03 | 5.39 | ppb |
| Sodium | 23-2 | 641.63 | 634.39 | 641.27 | 639.10 | 0.64 | ppb |
| Strontium | 86-1 | 3604.42 | 4114.91 | 4118.75 | 3946.03 | 7.50 | ppb |
| Strontium | 88-1 | 3731.68 | 4266.87 | 4214.26 | 4070.94 | 7.25 | ppb |
| Sulfur | 34-1 | 943.44 | 1335.75 | 1431.67 | 1236.95 | 20.91 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.12 | 0.14 | 0.14 | 0.13 | 6.75 | ppb |
| Thallium | 205-1 | 0.13 | 0.15 | 0.15 | 0.14 | 5.84 | ppb |
| Tin | 118-1 | 551.13 | 614.13 | 623.56 | 596.27 | 6.60 | ppb |
| Titanium | 47-1 | 431.76 | 484.30 | 487.79 | 467.95 | 6.71 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:20:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.38 | 1.55 | 1.53 | 1.49 | 6.34 | ppb |
| Vanadium | 51-2 | 71.19 | 70.66 | 71.54 | 71.13 | 0.63 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 1325.09 | 1306.56 | 1317.16 | 1316.27 | 0.71 | ppb |
| Zirconium | 90-1 | 3.55 | 4.07 | 4.11 | 3.91 | 7.95 | ppb |
| Zirconium | 91-1 | 3.69 | 4.12 | 4.17 | 3.99 | 6.59 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:23:43 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16045.10 | 16241.72 | 16207.31 | 16164.71 | 0.65 | ppb |
| Antimony | 121-1 | 2.14 | 2.15 | 2.16 | 2.15 | 0.53 | ppb |
| Arsenic | 75-2 | 19.50 | 19.91 | 20.48 | 19.96 | 2.45 | ppb |
| Barium | 135-1 | 254.69 | 260.67 | 254.44 | 256.60 | 1.37 | ppb |
| Barium | 137-1 | 260.72 | 264.10 | 260.62 | 261.81 | 0.76 | ppb |
| Beryllium | 9-1 | 1.49 | 1.33 | 1.40 | 1.41 | 5.62 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.30 | 2.64 | 2.70 | 2.55 | 8.45 | ppb |
| Cadmium | 106-1 | 2.15 | 2.54 | 1.89 | 2.19 | 14.89 | ppb |
| Cadmium | 111-1 | 1.91 | 1.95 | 1.88 | 1.91 | 1.87 | ppb |
| Calcium | 43-1 | 69832.36 | 72296.31 | 72366.67 | 71498.45 | 2.02 | ppb |
| Calcium | 44-1 | 69747.05 | 72008.69 | 71888.79 | 71214.84 | 1.79 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 549.05 | 544.90 | 541.79 | 545.24 | 0.67 | ppb |
| Cobalt | 59-2 | 20.33 | 20.62 | 20.50 | 20.48 | 0.69 | ppb |
| Copper | 63-2 | 402.55 | 403.35 | 401.07 | 402.32 | 0.29 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 111166.95 | 112554.94 | 113310.68 | 112344.19 | 0.97 | ppb |
| Iron | 57-2 | 111091.80 | 113187.81 | 112277.17 | 112185.59 | 0.94 | ppb |
| Iron | 54-2 | 112928.03 | 113384.91 | 113802.01 | 113371.65 | 0.39 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:23:43 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 287.05 | 290.96 | 286.86 | 288.29 | 0.80 | ppb |
| Lead | 207-1 | 277.52 | 279.64 | 283.43 | 280.20 | 1.07 | ppb |
| Lead | 208-1 | 280.25 | 282.41 | 283.73 | 282.13 | 0.62 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 19284.70 | 19473.17 | 19496.78 | 19418.22 | 0.60 | ppb |
| Manganese | 55-2 | 1614.78 | 1632.31 | 1649.47 | 1632.19 | 1.06 | ppb |
| Molybdenum | 94-1 | 43.04 | 44.56 | 44.70 | 44.10 | 2.08 | ppb |
| Molybdenum | 95-1 | 44.32 | 45.24 | 45.67 | 45.08 | 1.54 | ppb |
| Molybdenum | 96-1 | 44.83 | 46.30 | 46.50 | 45.88 | 1.99 | ppb |
| Molybdenum | 97-1 | 44.54 | 46.16 | 46.09 | 45.60 | 2.00 | ppb |
| Molybdenum | 98-1 | 44.49 | 45.59 | 46.12 | 45.40 | 1.83 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 228.45 | 231.97 | 232.70 | 231.04 | 0.98 | ppb |
| Phosphorus | 31-2 | 713.93 | 697.76 | 725.80 | 712.49 | 1.98 | ppb |
| Potassium | 39-2 | 2452.06 | 2460.82 | 2474.37 | 2462.42 | 0.46 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 0.18 | 0.55 | -0.03 | 0.23 | 125.51 | ppb |
| Selenium | 77-2 | 7.30 | 6.73 | 10.68 | 8.24 | 25.94 | ppb |
| Selenium | 78-2 | 0.94 | 1.11 | -0.52 | 0.51 | 176.24 | ppb |
| Silicon | 28-1 | 3937.78 | 4043.00 | 4066.73 | 4015.84 | 1.71 | ppb |
| Silver | 107-1 | 0.44 | 0.46 | 0.47 | 0.46 | 2.79 | ppb |
| Silver | 109-1 | 0.45 | 0.47 | 0.45 | 0.45 | 2.16 | ppb |
| Sodium | 23-2 | 444.91 | 450.95 | 450.61 | 448.82 | 0.76 | ppb |
| Strontium | 86-1 | 4198.34 | 4287.55 | 4315.70 | 4267.19 | 1.44 | ppb |
| Strontium | 88-1 | 4304.73 | 4483.06 | 4416.20 | 4401.33 | 2.05 | ppb |
| Sulfur | 34-1 | 1273.88 | 1421.52 | 1494.12 | 1396.51 | 8.04 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.20 | 0.21 | 0.21 | 0.21 | 1.53 | ppb |
| Thallium | 205-1 | 0.20 | 0.20 | 0.19 | 0.20 | 1.88 | ppb |
| Tin | 118-1 | 68.95 | 70.66 | 69.85 | 69.82 | 1.23 | ppb |
| Titanium | 47-1 | 400.39 | 417.16 | 416.61 | 411.39 | 2.32 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:23:43 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.66 | 1.69 | 1.69 | 1.68 | 1.23 | ppb |
| Vanadium | 51-2 | 54.15 | 54.27 | 54.55 | 54.32 | 0.38 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 948.33 | 965.02 | 961.65 | 958.34 | 0.92 | ppb |
| Zirconium | 90-1 | 3.58 | 3.74 | 3.72 | 3.68 | 2.29 | ppb |
| Zirconium | 91-1 | 3.66 | 3.75 | 3.80 | 3.74 | 1.96 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:26:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8833.72 | 8657.10 | 8821.37 | 8770.73 | 1.12 | ppb |
| Antimony | 121-1 | 3.54 | 3.61 | 3.56 | 3.57 | 1.05 | ppb |
| Arsenic | 75-2 | 28.18 | 27.62 | 28.36 | 28.05 | 1.37 | ppb |
| Barium | 135-1 | 264.99 | 270.03 | 269.12 | 268.05 | 1.00 | ppb |
| Barium | 137-1 | 270.18 | 293.46 | 287.91 | 283.85 | 4.28 | ppb |
| Beryllium | 9-1 | 1.70 | 1.66 | 1.67 | 1.68 | 1.26 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 10.58 | 10.48 | 10.48 | 10.51 | 0.58 | ppb |
| Cadmium | 106-1 | 9.23 | 11.18 | 10.03 | 10.15 | 9.67 | ppb |
| Cadmium | 111-1 | 9.40 | 9.73 | 9.52 | 9.55 | 1.76 | ppb |
| Calcium | 43-1 | 94388.74 | 96171.84 | 96238.37 | 95599.65 | 1.10 | ppb |
| Calcium | 44-1 | 94711.06 | 95431.01 | 95629.15 | 95257.07 | 0.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 540.88 | 544.97 | 541.80 | 542.55 | 0.40 | ppb |
| Cobalt | 59-2 | 14.52 | 14.63 | 14.53 | 14.56 | 0.41 | ppb |
| Copper | 63-2 | 119.94 | 118.68 | 119.06 | 119.23 | 0.54 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 333649.59 | 328624.07 | 328845.48 | 330373.04 | 0.86 | ppb |
| Iron | 57-2 | 330940.21 | 327060.19 | 322107.80 | 326702.73 | 1.36 | ppb |
| Iron | 54-2 | 333968.79 | 329169.48 | 330723.33 | 331287.20 | 0.74 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:26:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1804.68 | 1878.02 | 1846.36 | 1843.02 | 2.00 | ppb |
| Lead | 207-1 | 1711.86 | 1755.32 | 1726.87 | 1731.35 | 1.28 | ppb |
| Lead | 208-1 | 1749.33 | 1784.15 | 1766.25 | 1766.58 | 0.99 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 15078.65 | 14911.96 | 15185.13 | 15058.58 | 0.91 | ppb |
| Manganese | 55-2 | 13898.91 | 13687.55 | 13743.61 | 13776.69 | 0.79 | ppb |
| Molybdenum | 94-1 | 22.02 | 22.51 | 22.51 | 22.35 | 1.27 | ppb |
| Molybdenum | 95-1 | 19.90 | 20.71 | 20.13 | 20.25 | 2.05 | ppb |
| Molybdenum | 96-1 | 22.39 | 22.85 | 22.45 | 22.56 | 1.12 | ppb |
| Molybdenum | 97-1 | 19.83 | 20.27 | 20.33 | 20.14 | 1.35 | ppb |
| Molybdenum | 98-1 | 19.85 | 20.30 | 20.20 | 20.12 | 1.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 287.02 | 285.64 | 284.94 | 285.87 | 0.37 | ppb |
| Phosphorus | 31-2 | 1157.90 | 1141.47 | 1183.41 | 1160.93 | 1.82 | ppb |
| Potassium | 39-2 | 1720.93 | 1688.65 | 1715.71 | 1708.43 | 1.01 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.74 | 0.71 | 0.42 | 0.62 | 28.60 | ppb |
| Selenium | 77-2 | 4.92 | 2.43 | 2.29 | 3.21 | 46.04 | ppb |
| Selenium | 78-2 | 0.11 | 0.20 | 0.34 | 0.22 | 52.21 | ppb |
| Silicon | 28-1 | 2485.74 | 2486.27 | 2492.21 | 2488.07 | 0.14 | ppb |
| Silver | 107-1 | 5.50 | 5.64 | 5.62 | 5.58 | 1.38 | ppb |
| Silver | 109-1 | 5.45 | 5.56 | 5.57 | 5.53 | 1.26 | ppb |
| Sodium | 23-2 | 636.86 | 633.28 | 638.70 | 636.28 | 0.43 | ppb |
| Strontium | 86-1 | 3145.96 | 3190.37 | 3160.03 | 3165.45 | 0.72 | ppb |
| Strontium | 88-1 | 3251.75 | 3268.04 | 3281.21 | 3267.00 | 0.45 | ppb |
| Sulfur | 34-1 | 1083.15 | 1052.91 | 1069.75 | 1068.60 | 1.42 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 2.40 | 2.42 | 2.37 | 2.40 | 1.02 | ppb |
| Thallium | 205-1 | 2.35 | 2.42 | 2.42 | 2.40 | 1.78 | ppb |
| Tin | 118-1 | 17.17 | 17.24 | 17.15 | 17.19 | 0.28 | ppb |
| Titanium | 47-1 | 568.44 | 573.85 | 570.56 | 570.95 | 0.48 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:26:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.73 | 0.75 | 0.74 | 0.74 | 1.51 | ppb |
| Vanadium | 51-2 | 62.91 | 62.55 | 63.22 | 62.90 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 5291.10 | 5193.90 | 5144.24 | 5209.74 | 1.43 | ppb |
| Zirconium | 90-1 | 3.19 | 3.12 | 3.05 | 3.12 | 2.20 | ppb |
| Zirconium | 91-1 | 3.04 | 3.22 | 3.14 | 3.13 | 2.93 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:29:51 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9219.42 | 9230.16 | 9417.86 | 9289.14 | 1.20 | ppb |
| Antimony | 121-1 | 3.50 | 3.51 | 3.53 | 3.51 | 0.50 | ppb |
| Arsenic | 75-2 | 28.25 | 28.73 | 28.72 | 28.57 | 0.96 | ppb |
| Barium | 135-1 | 239.52 | 240.45 | 241.74 | 240.57 | 0.46 | ppb |
| Barium | 137-1 | 243.78 | 245.35 | 245.76 | 244.96 | 0.43 | ppb |
| Beryllium | 9-1 | 1.70 | 1.94 | 1.75 | 1.80 | 6.99 | ppb |
| Bismuth | 209-1 | | | | 129 | | % |
| Bismuth | 209-2 | | | | 123 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 16.35 | 17.05 | 16.27 | 16.56 | 2.58 | ppb |
| Cadmium | 106-1 | 16.58 | 16.16 | 16.05 | 16.26 | 1.72 | ppb |
| Cadmium | 111-1 | 9.26 | 9.04 | 8.92 | 9.07 | 1.88 | ppb |
| Calcium | 43-1 | 100297.62 | 101487.81 | 101908.01 | 101231.14 | 0.83 | ppb |
| Calcium | 44-1 | 100979.05 | 102023.75 | 101668.44 | 101557.08 | 0.52 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 526.12 | 530.37 | 539.69 | 532.06 | 1.31 | ppb |
| Cobalt | 59-2 | 14.61 | 14.36 | 14.55 | 14.51 | 0.89 | ppb |
| Copper | 63-2 | 115.55 | 115.16 | 116.06 | 115.59 | 0.39 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 325496.39 | 319652.87 | 325907.39 | 323685.55 | 1.08 | ppb |
| Iron | 57-2 | 324284.76 | 316318.44 | 322538.63 | 321047.27 | 1.30 | ppb |
| Iron | 54-2 | 323554.03 | 321411.75 | 326255.55 | 323740.44 | 0.75 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:29:51 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4724.74 | 4695.76 | 4726.32 | 4715.61 | 0.36 | ppb |
| Lead | 207-1 | 4457.41 | 4421.65 | 4448.14 | 4442.40 | 0.42 | ppb |
| Lead | 208-1 | 4542.91 | 4513.35 | 4534.40 | 4530.22 | 0.34 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 18570.87 | 18445.71 | 18628.62 | 18548.40 | 0.50 | ppb |
| Manganese | 55-2 | 10778.17 | 10730.07 | 10891.27 | 10799.84 | 0.77 | ppb |
| Molybdenum | 94-1 | 19.92 | 20.25 | 20.06 | 20.08 | 0.82 | ppb |
| Molybdenum | 95-1 | 17.45 | 17.68 | 17.66 | 17.59 | 0.74 | ppb |
| Molybdenum | 96-1 | 20.05 | 20.52 | 20.45 | 20.34 | 1.26 | ppb |
| Molybdenum | 97-1 | 17.31 | 17.80 | 17.75 | 17.62 | 1.51 | ppb |
| Molybdenum | 98-1 | 17.39 | 17.89 | 17.78 | 17.69 | 1.49 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 261.97 | 261.46 | 263.74 | 262.39 | 0.46 | ppb |
| Phosphorus | 31-2 | 1058.72 | 1052.05 | 1096.67 | 1069.15 | 2.25 | ppb |
| Potassium | 39-2 | 1939.53 | 1929.39 | 1951.65 | 1940.19 | 0.57 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.44 | 0.83 | 0.66 | 0.64 | 29.83 | ppb |
| Selenium | 77-2 | 3.49 | 5.53 | 3.56 | 4.20 | 27.63 | ppb |
| Selenium | 78-2 | 0.31 | -0.44 | -0.23 | -0.12 | | ppb |
| Silicon | 28-1 | 2591.43 | 2617.91 | 2623.97 | 2611.10 | 0.66 | ppb |
| Silver | 107-1 | 5.29 | 5.37 | 5.43 | 5.37 | 1.34 | ppb |
| Silver | 109-1 | 5.26 | 5.25 | 5.30 | 5.27 | 0.53 | ppb |
| Sodium | 23-2 | 673.97 | 672.48 | 677.64 | 674.70 | 0.39 | ppb |
| Strontium | 86-1 | 3338.41 | 3383.00 | 3348.97 | 3356.80 | 0.69 | ppb |
| Strontium | 88-1 | 3404.41 | 3479.74 | 3496.13 | 3460.09 | 1.41 | ppb |
| Sulfur | 34-1 | 1620.81 | 1684.81 | 1700.52 | 1668.71 | 2.53 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 1.79 | 1.83 | 1.82 | 1.81 | 1.19 | ppb |
| Thallium | 205-1 | 1.79 | 1.78 | 1.83 | 1.80 | 1.27 | ppb |
| Tin | 118-1 | 17.30 | 17.14 | 17.21 | 17.22 | 0.45 | ppb |
| Titanium | 47-1 | 383.95 | 389.94 | 386.75 | 386.88 | 0.77 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:29:51 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.74 | 0.75 | 0.74 | 0.74 | 0.70 | ppb |
| Vanadium | 51-2 | 52.94 | 52.51 | 53.59 | 53.01 | 1.03 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 24606.44 | 24350.29 | 24461.64 | 24472.79 | 0.52 | ppb |
| Zirconium | 90-1 | 2.89 | 2.97 | 2.92 | 2.93 | 1.32 | ppb |
| Zirconium | 91-1 | 2.94 | 2.99 | 3.01 | 2.98 | 1.31 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:32:58 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9204.71 | 9263.94 | 9122.91 | 9197.19 | 0.77 | ppb |
| Antimony | 121-1 | 3.36 | 3.57 | 3.50 | 3.48 | 3.02 | ppb |
| Arsenic | 75-2 | 29.40 | 28.77 | 29.46 | 29.21 | 1.32 | ppb |
| Barium | 135-1 | 231.26 | 242.79 | 242.23 | 238.76 | 2.72 | ppb |
| Barium | 137-1 | 235.95 | 247.62 | 246.69 | 243.42 | 2.66 | ppb |
| Beryllium | 9-1 | 1.71 | 1.78 | 1.82 | 1.77 | 2.96 | ppb |
| Bismuth | 209-1 | | | | 130 | | % |
| Bismuth | 209-2 | | | | 124 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 15.36 | 17.40 | 16.09 | 16.29 | 6.35 | ppb |
| Cadmium | 106-1 | 16.34 | 16.80 | 16.12 | 16.42 | 2.11 | ppb |
| Cadmium | 111-1 | 8.77 | 9.12 | 9.18 | 9.02 | 2.47 | ppb |
| Calcium | 43-1 | 96986.78 | 101390.34 | 103558.64 | 100645.26 | 3.33 | ppb |
| Calcium | 44-1 | 97003.95 | 101930.11 | 104767.61 | 101233.89 | 3.88 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 533.23 | 527.61 | 528.35 | 529.73 | 0.58 | ppb |
| Cobalt | 59-2 | 14.51 | 14.76 | 14.58 | 14.62 | 0.86 | ppb |
| Copper | 63-2 | 115.35 | 115.13 | 115.94 | 115.47 | 0.36 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 321554.98 | 321230.54 | 323636.06 | 322140.52 | 0.41 | ppb |
| Iron | 57-2 | 320388.37 | 321527.62 | 323634.45 | 321850.15 | 0.51 | ppb |
| Iron | 54-2 | 321308.26 | 320840.06 | 324080.59 | 322076.30 | 0.54 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:32:58 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4572.76 | 4744.01 | 4722.43 | 4679.74 | 1.99 | ppb |
| Lead | 207-1 | 4320.23 | 4464.12 | 4488.09 | 4424.15 | 2.05 | ppb |
| Lead | 208-1 | 4393.04 | 4560.01 | 4585.20 | 4512.75 | 2.31 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 18591.88 | 18625.32 | 18711.73 | 18642.98 | 0.33 | ppb |
| Manganese | 55-2 | 10590.89 | 10693.41 | 10819.49 | 10701.26 | 1.07 | ppb |
| Molybdenum | 94-1 | 19.43 | 20.52 | 20.47 | 20.14 | 3.08 | ppb |
| Molybdenum | 95-1 | 17.10 | 18.14 | 18.17 | 17.80 | 3.43 | ppb |
| Molybdenum | 96-1 | 19.74 | 20.81 | 20.86 | 20.47 | 3.11 | ppb |
| Molybdenum | 97-1 | 17.04 | 18.01 | 17.86 | 17.63 | 2.96 | ppb |
| Molybdenum | 98-1 | 17.04 | 17.86 | 18.03 | 17.64 | 3.01 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 259.41 | 260.47 | 261.65 | 260.51 | 0.43 | ppb |
| Phosphorus | 31-2 | 1086.78 | 1087.03 | 1118.08 | 1097.30 | 1.64 | ppb |
| Potassium | 39-2 | 1942.40 | 1936.29 | 1936.36 | 1938.35 | 0.18 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.82 | 0.86 | 1.00 | 0.89 | 10.81 | ppb |
| Selenium | 77-2 | 4.45 | 4.12 | 3.66 | 4.08 | 9.68 | ppb |
| Selenium | 78-2 | 0.41 | 1.26 | 0.24 | 0.64 | 86.14 | ppb |
| Silicon | 28-1 | 2498.12 | 2629.37 | 2655.72 | 2594.41 | 3.25 | ppb |
| Silver | 107-1 | 5.17 | 5.41 | 5.41 | 5.33 | 2.58 | ppb |
| Silver | 109-1 | 5.01 | 5.38 | 5.31 | 5.23 | 3.73 | ppb |
| Sodium | 23-2 | 667.66 | 671.50 | 675.67 | 671.61 | 0.60 | ppb |
| Strontium | 86-1 | 3218.87 | 3415.59 | 3397.78 | 3344.08 | 3.25 | ppb |
| Strontium | 88-1 | 3357.44 | 3523.93 | 3496.29 | 3459.22 | 2.58 | ppb |
| Sulfur | 34-1 | 1414.51 | 1675.02 | 1731.78 | 1607.10 | 10.53 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 1.72 | 1.83 | 1.84 | 1.80 | 3.65 | ppb |
| Thallium | 205-1 | 1.73 | 1.79 | 1.84 | 1.79 | 3.22 | ppb |
| Tin | 118-1 | 16.57 | 17.50 | 17.50 | 17.19 | 3.14 | ppb |
| Titanium | 47-1 | 372.38 | 389.73 | 394.54 | 385.55 | 3.02 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:32:58 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.71 | 0.74 | 0.76 | 0.74 | 3.91 | ppb |
| Vanadium | 51-2 | 52.47 | 52.98 | 53.15 | 52.87 | 0.67 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 24495.15 | 24404.59 | 24195.90 | 24365.21 | 0.63 | ppb |
| Zirconium | 90-1 | 2.84 | 3.01 | 3.00 | 2.95 | 3.27 | ppb |
| Zirconium | 91-1 | 2.80 | 3.02 | 3.09 | 2.97 | 5.04 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 15:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1846.83 | 1835.17 | 1833.06 | 1838.35 | 0.40 | ppb |
| Antimony | 121-1 | 0.69 | 0.67 | 0.70 | 0.68 | 1.87 | ppb |
| Arsenic | 75-2 | 6.02 | 5.94 | 5.62 | 5.86 | 3.60 | ppb |
| Barium | 135-1 | 46.95 | 47.36 | 48.39 | 47.57 | 1.56 | ppb |
| Barium | 137-1 | 47.80 | 48.61 | 48.76 | 48.39 | 1.07 | ppb |
| Beryllium | 9-1 | 0.34 | 0.37 | 0.36 | 0.36 | 4.23 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.21 | 3.25 | 3.34 | 3.27 | 2.00 | ppb |
| Cadmium | 106-1 | 3.11 | 1.72 | 2.88 | 2.57 | 29.15 | ppb |
| Cadmium | 111-1 | 1.79 | 1.69 | 1.89 | 1.79 | 5.56 | ppb |
| Calcium | 43-1 | 20791.52 | 21118.64 | 21576.95 | 21162.37 | 1.86 | ppb |
| Calcium | 44-1 | 19972.84 | 20201.82 | 20708.44 | 20294.37 | 1.85 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 104.95 | 105.20 | 104.96 | 105.04 | 0.14 | ppb |
| Cobalt | 59-2 | 3.04 | 2.99 | 2.88 | 2.97 | 2.74 | ppb |
| Copper | 63-2 | 23.76 | 23.82 | 23.81 | 23.80 | 0.14 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 65156.67 | 65344.94 | 65235.87 | 65245.83 | 0.14 | ppb |
| Iron | 57-2 | 64516.65 | 64278.86 | 64264.71 | 64353.41 | 0.22 | ppb |
| Iron | 54-2 | 66178.05 | 65912.86 | 65211.10 | 65767.34 | 0.76 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 15:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1045.67 | 1072.32 | 1084.80 | 1067.60 | 1.87 | ppb |
| Lead | 207-1 | 997.23 | 1009.67 | 1016.28 | 1007.73 | 0.96 | ppb |
| Lead | 208-1 | 1012.24 | 1031.78 | 1043.69 | 1029.24 | 1.54 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 3752.32 | 3846.43 | 3710.33 | 3769.69 | 1.85 | ppb |
| Manganese | 55-2 | 2175.75 | 2173.08 | 2169.71 | 2172.85 | 0.14 | ppb |
| Molybdenum | 94-1 | 3.93 | 4.09 | 4.12 | 4.05 | 2.63 | ppb |
| Molybdenum | 95-1 | 3.48 | 3.65 | 3.69 | 3.61 | 3.17 | ppb |
| Molybdenum | 96-1 | 3.98 | 4.24 | 4.12 | 4.11 | 3.09 | ppb |
| Molybdenum | 97-1 | 3.56 | 3.63 | 3.69 | 3.63 | 1.70 | ppb |
| Molybdenum | 98-1 | 3.47 | 3.60 | 3.73 | 3.60 | 3.62 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 53.37 | 53.06 | 52.89 | 53.11 | 0.46 | ppb |
| Phosphorus | 31-2 | 203.91 | 215.44 | 207.71 | 209.02 | 2.81 | ppb |
| Potassium | 39-2 | 427.10 | 431.55 | 429.86 | 429.50 | 0.52 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.14 | -0.24 | -0.39 | -0.16 | | ppb |
| Selenium | 77-2 | 0.50 | -0.16 | 1.33 | 0.56 | 133.22 | ppb |
| Selenium | 78-2 | -1.81 | -0.90 | -0.49 | -1.07 | | ppb |
| Silicon | 28-1 | 516.99 | 524.40 | 537.73 | 526.37 | 2.00 | ppb |
| Silver | 107-1 | 1.06 | 1.08 | 1.11 | 1.08 | 2.53 | ppb |
| Silver | 109-1 | 1.02 | 1.07 | 1.08 | 1.06 | 2.82 | ppb |
| Sodium | 23-2 | 158.88 | 157.93 | 156.10 | 157.63 | 0.90 | ppb |
| Strontium | 86-1 | 681.02 | 697.15 | 709.85 | 696.01 | 2.08 | ppb |
| Strontium | 88-1 | 675.59 | 683.95 | 705.86 | 688.47 | 2.27 | ppb |
| Sulfur | 34-1 | 145.01 | 209.82 | 259.85 | 204.90 | 28.10 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.39 | 0.38 | 0.41 | 0.40 | 2.94 | ppb |
| Thallium | 205-1 | 0.39 | 0.41 | 0.41 | 0.40 | 2.72 | ppb |
| Tin | 118-1 | 3.36 | 3.41 | 3.43 | 3.40 | 0.95 | ppb |
| Titanium | 47-1 | 75.96 | 77.59 | 78.70 | 77.42 | 1.78 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 15:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.17 | 0.16 | 0.16 | 0.16 | 2.47 | ppb |
| Vanadium | 51-2 | 10.60 | 10.50 | 10.50 | 10.53 | 0.54 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 5022.95 | 5093.22 | 5030.35 | 5048.84 | 0.76 | ppb |
| Zirconium | 90-1 | 0.55 | 0.57 | 0.58 | 0.57 | 3.03 | ppb |
| Zirconium | 91-1 | 0.53 | 0.59 | 0.55 | 0.55 | 5.68 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9449.89 | 9606.09 | 9612.64 | 9556.21 | 0.96 | ppb |
| Antimony | 121-1 | 23.93 | 24.03 | 24.42 | 24.13 | 1.09 | ppb |
| Arsenic | 75-2 | 37.37 | 36.29 | 35.75 | 36.47 | 2.26 | ppb |
| Barium | 135-1 | 681.31 | 675.48 | 695.90 | 684.23 | 1.54 | ppb |
| Barium | 137-1 | 675.50 | 675.70 | 684.69 | 678.63 | 0.77 | ppb |
| Beryllium | 9-1 | 12.13 | 11.97 | 11.61 | 11.90 | 2.26 | ppb |
| Bismuth | 209-1 | | | | 129 | | % |
| Bismuth | 209-2 | | | | 123 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 26.22 | 26.64 | 26.21 | 26.35 | 0.93 | ppb |
| Cadmium | 106-1 | 25.31 | 25.69 | 26.22 | 25.74 | 1.79 | ppb |
| Cadmium | 111-1 | 19.47 | 19.36 | 19.71 | 19.51 | 0.92 | ppb |
| Calcium | 43-1 | 99226.88 | 102335.05 | 97792.63 | 99784.86 | 2.33 | ppb |
| Calcium | 44-1 | 99321.63 | 101467.57 | 99009.35 | 99932.85 | 1.34 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 568.66 | 566.78 | 577.04 | 570.83 | 0.96 | ppb |
| Cobalt | 59-2 | 118.78 | 118.44 | 118.54 | 118.59 | 0.15 | ppb |
| Copper | 63-2 | 162.63 | 162.53 | 163.91 | 163.02 | 0.47 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 318518.77 | 316661.55 | 320552.04 | 318577.45 | 0.61 | ppb |
| Iron | 57-2 | 317421.78 | 310793.13 | 315352.88 | 314522.60 | 1.08 | ppb |
| Iron | 54-2 | 320331.70 | 320840.59 | 320502.94 | 320558.41 | 0.08 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4629.15 | 4705.35 | 4652.32 | 4662.27 | 0.84 | ppb |
| Lead | 207-1 | 4403.53 | 4391.29 | 4366.33 | 4387.05 | 0.43 | ppb |
| Lead | 208-1 | 4507.85 | 4488.11 | 4461.67 | 4485.88 | 0.52 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 18445.00 | 18467.52 | 18385.14 | 18432.56 | 0.23 | ppb |
| Manganese | 55-2 | 10590.98 | 10655.47 | 10747.39 | 10664.61 | 0.74 | ppb |
| Molybdenum | 94-1 | 19.53 | 20.20 | 19.94 | 19.89 | 1.72 | ppb |
| Molybdenum | 95-1 | 17.40 | 17.79 | 17.71 | 17.63 | 1.18 | ppb |
| Molybdenum | 96-1 | 19.78 | 20.25 | 20.42 | 20.15 | 1.65 | ppb |
| Molybdenum | 97-1 | 17.20 | 17.81 | 17.39 | 17.47 | 1.77 | ppb |
| Molybdenum | 98-1 | 17.28 | 17.57 | 17.50 | 17.45 | 0.89 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 360.42 | 360.39 | 362.06 | 360.95 | 0.26 | ppb |
| Phosphorus | 31-2 | 1066.70 | 1062.17 | 1067.87 | 1065.58 | 0.28 | ppb |
| Potassium | 39-2 | 1900.83 | 1904.89 | 1912.53 | 1906.08 | 0.31 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 21.63 | 22.81 | 21.79 | 22.07 | 2.90 | ppb |
| Selenium | 77-2 | 26.49 | 22.47 | 22.95 | 23.97 | 9.15 | ppb |
| Selenium | 78-2 | 19.67 | 19.37 | 22.21 | 20.41 | 7.63 | ppb |
| Silicon | 28-1 | 2583.75 | 2596.54 | 2557.03 | 2579.11 | 0.78 | ppb |
| Silver | 107-1 | 15.64 | 15.79 | 15.96 | 15.80 | 1.02 | ppb |
| Silver | 109-1 | 15.41 | 15.52 | 15.76 | 15.56 | 1.12 | ppb |
| Sodium | 23-2 | 657.74 | 658.93 | 662.16 | 659.61 | 0.35 | ppb |
| Strontium | 86-1 | 3289.12 | 3350.98 | 3348.65 | 3329.58 | 1.05 | ppb |
| Strontium | 88-1 | 3464.07 | 3486.05 | 3471.56 | 3473.89 | 0.32 | ppb |
| Sulfur | 34-1 | 1600.63 | 1653.28 | 1521.20 | 1591.70 | 4.18 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 9.63 | 9.86 | 9.66 | 9.72 | 1.30 | ppb |
| Thallium | 205-1 | 9.66 | 9.82 | 9.59 | 9.69 | 1.20 | ppb |
| Tin | 118-1 | 16.65 | 16.77 | 16.97 | 16.80 | 0.98 | ppb |
| Titanium | 47-1 | 381.06 | 387.10 | 376.96 | 381.71 | 1.34 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.73 | 0.75 | 0.74 | 0.74 | 1.24 | ppb |
| Vanadium | 51-2 | 157.93 | 157.16 | 158.84 | 157.98 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 24132.82 | 24057.69 | 24240.64 | 24143.72 | 0.38 | ppb |
| Zirconium | 90-1 | 2.85 | 2.95 | 2.90 | 2.90 | 1.69 | ppb |
| Zirconium | 91-1 | 2.93 | 3.00 | 2.86 | 2.93 | 2.38 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:42:08 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13099.25 | 13047.67 | 13140.65 | 13095.86 | 0.36 | ppb |
| Antimony | 121-1 | 0.36 | 0.40 | 0.38 | 0.38 | 4.68 | ppb |
| Arsenic | 75-2 | 20.00 | 20.64 | 20.72 | 20.45 | 1.94 | ppb |
| Barium | 135-1 | 114.26 | 121.09 | 118.62 | 117.99 | 2.93 | ppb |
| Barium | 137-1 | 116.29 | 122.88 | 121.76 | 120.31 | 2.93 | ppb |
| Beryllium | 9-1 | 0.98 | 1.10 | 1.07 | 1.05 | 6.21 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.76 | 1.92 | 1.61 | 1.76 | 8.87 | ppb |
| Cadmium | 106-1 | 0.50 | 1.14 | 0.68 | 0.77 | 43.03 | ppb |
| Cadmium | 111-1 | 1.42 | 1.48 | 1.51 | 1.47 | 2.89 | ppb |
| Calcium | 43-1 | 71403.42 | 73112.82 | 73276.19 | 72597.47 | 1.43 | ppb |
| Calcium | 44-1 | 70695.69 | 74120.71 | 72978.49 | 72598.30 | 2.40 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 44.16 | 44.36 | 44.18 | 44.23 | 0.24 | ppb |
| Cobalt | 59-2 | 21.34 | 21.57 | 21.77 | 21.56 | 0.99 | ppb |
| Copper | 63-2 | 82.33 | 82.78 | 82.69 | 82.60 | 0.29 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 46983.20 | 47102.27 | 46962.91 | 47016.13 | 0.16 | ppb |
| Iron | 57-2 | 46715.88 | 46578.46 | 46531.55 | 46608.63 | 0.21 | ppb |
| Iron | 54-2 | 46970.59 | 46650.83 | 47127.69 | 46916.37 | 0.52 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:42:08 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 58.17 | 60.40 | 60.65 | 59.74 | 2.29 | ppb |
| Lead | 207-1 | 53.54 | 55.30 | 55.37 | 54.74 | 1.89 | ppb |
| Lead | 208-1 | 55.20 | 56.94 | 57.36 | 56.50 | 2.03 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 12114.68 | 12158.20 | 12204.52 | 12159.14 | 0.37 | ppb |
| Manganese | 55-2 | 1075.11 | 1073.97 | 1077.29 | 1075.45 | 0.16 | ppb |
| Molybdenum | 94-1 | 8.59 | 8.80 | 9.03 | 8.81 | 2.50 | ppb |
| Molybdenum | 95-1 | 5.82 | 6.13 | 6.22 | 6.06 | 3.47 | ppb |
| Molybdenum | 96-1 | 6.53 | 6.71 | 6.79 | 6.68 | 1.98 | ppb |
| Molybdenum | 97-1 | 5.98 | 6.11 | 6.20 | 6.10 | 1.82 | ppb |
| Molybdenum | 98-1 | 6.01 | 6.11 | 6.19 | 6.10 | 1.47 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 64.99 | 64.61 | 65.54 | 65.05 | 0.72 | ppb |
| Phosphorus | 31-2 | 1957.26 | 1963.03 | 1949.07 | 1956.45 | 0.36 | ppb |
| Potassium | 39-2 | 1896.50 | 1904.49 | 1899.87 | 1900.29 | 0.21 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.67 | 0.44 | 0.86 | 0.66 | 31.66 | ppb |
| Selenium | 77-2 | 9.27 | 10.27 | 11.62 | 10.39 | 11.35 | ppb |
| Selenium | 78-2 | 1.65 | -0.15 | 0.62 | 0.71 | 128.02 | ppb |
| Silicon | 28-1 | 2452.15 | 2545.67 | 2497.41 | 2498.41 | 1.87 | ppb |
| Silver | 107-1 | 0.24 | 0.20 | 0.22 | 0.22 | 8.88 | ppb |
| Silver | 109-1 | 0.24 | 0.20 | 0.20 | 0.21 | 9.11 | ppb |
| Sodium | 23-2 | 328.18 | 328.45 | 329.79 | 328.81 | 0.26 | ppb |
| Strontium | 86-1 | 2420.19 | 2448.65 | 2507.56 | 2458.80 | 1.81 | ppb |
| Strontium | 88-1 | 2476.58 | 2537.95 | 2560.81 | 2525.12 | 1.73 | ppb |
| Sulfur | 34-1 | 56.53 | 240.41 | 132.70 | 143.21 | 64.51 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.24 | 0.27 | 0.27 | 0.26 | 6.19 | ppb |
| Thallium | 205-1 | 0.26 | 0.27 | 0.27 | 0.27 | 2.66 | ppb |
| Tin | 118-1 | 1.77 | 1.93 | 1.85 | 1.85 | 4.17 | ppb |
| Titanium | 47-1 | 91.18 | 94.24 | 93.44 | 92.95 | 1.71 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:42:08 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.45 | 1.49 | 1.51 | 1.48 | 2.10 | ppb |
| Vanadium | 51-2 | 40.33 | 40.96 | 40.11 | 40.47 | 1.10 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 206.38 | 207.45 | 206.24 | 206.69 | 0.32 | ppb |
| Zirconium | 90-1 | 2.03 | 2.08 | 2.21 | 2.11 | 4.62 | ppb |
| Zirconium | 91-1 | 2.05 | 2.10 | 2.15 | 2.10 | 2.32 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:45:18 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13656.54 | 13611.83 | 13623.52 | 13630.63 | 0.17 | ppb |
| Antimony | 121-1 | 1.47 | 1.57 | 1.52 | 1.52 | 3.20 | ppb |
| Arsenic | 75-2 | 17.32 | 17.01 | 17.26 | 17.20 | 0.94 | ppb |
| Barium | 135-1 | 183.74 | 191.82 | 191.48 | 189.02 | 2.42 | ppb |
| Barium | 137-1 | 185.72 | 194.90 | 195.16 | 191.93 | 2.80 | ppb |
| Beryllium | 9-1 | 1.09 | 1.22 | 1.21 | 1.18 | 5.99 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.89 | 6.85 | 7.30 | 7.01 | 3.54 | ppb |
| Cadmium | 106-1 | 4.29 | 5.04 | 5.47 | 4.93 | 12.09 | ppb |
| Cadmium | 111-1 | 5.67 | 6.12 | 6.16 | 5.98 | 4.50 | ppb |
| Calcium | 43-1 | 105472.44 | 109689.71 | 110698.20 | 108620.11 | 2.55 | ppb |
| Calcium | 44-1 | 106251.51 | 110611.64 | 110728.05 | 109197.07 | 2.34 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 416.65 | 413.96 | 411.72 | 414.11 | 0.60 | ppb |
| Cobalt | 59-2 | 15.91 | 16.24 | 15.89 | 16.02 | 1.23 | ppb |
| Copper | 63-2 | 158.59 | 162.02 | 158.77 | 159.79 | 1.21 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 151099.40 | 154136.41 | 152333.24 | 152523.02 | 1.00 | ppb |
| Iron | 57-2 | 150166.55 | 153033.93 | 150378.92 | 151193.13 | 1.06 | ppb |
| Iron | 54-2 | 150680.55 | 153883.09 | 152142.26 | 152235.30 | 1.05 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:45:18 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 617.58 | 643.11 | 638.44 | 633.05 | 2.15 | ppb |
| Lead | 207-1 | 588.90 | 610.66 | 614.65 | 604.74 | 2.29 | ppb |
| Lead | 208-1 | 589.98 | 626.22 | 621.34 | 612.51 | 3.21 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 15633.58 | 15788.35 | 15677.14 | 15699.69 | 0.51 | ppb |
| Manganese | 55-2 | 6203.63 | 6331.03 | 6216.65 | 6250.44 | 1.12 | ppb |
| Molybdenum | 94-1 | 19.57 | 20.78 | 20.87 | 20.41 | 3.57 | ppb |
| Molybdenum | 95-1 | 18.30 | 19.06 | 19.35 | 18.91 | 2.86 | ppb |
| Molybdenum | 96-1 | 19.64 | 20.27 | 20.61 | 20.17 | 2.44 | ppb |
| Molybdenum | 97-1 | 18.31 | 19.11 | 19.54 | 18.99 | 3.29 | ppb |
| Molybdenum | 98-1 | 18.29 | 19.34 | 19.46 | 19.03 | 3.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 198.26 | 201.13 | 198.74 | 199.38 | 0.77 | ppb |
| Phosphorus | 31-2 | 1605.00 | 1600.10 | 1615.47 | 1606.86 | 0.49 | ppb |
| Potassium | 39-2 | 3428.80 | 3475.66 | 3465.18 | 3456.55 | 0.71 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 0.87 | 0.92 | 0.79 | 0.86 | 7.73 | ppb |
| Selenium | 77-2 | 5.15 | 7.20 | 5.23 | 5.86 | 19.82 | ppb |
| Selenium | 78-2 | 1.69 | -0.75 | -0.39 | 0.18 | 720.88 | ppb |
| Silicon | 28-1 | 2820.24 | 2977.51 | 2997.25 | 2931.67 | 3.31 | ppb |
| Silver | 107-1 | 2.22 | 2.33 | 2.30 | 2.28 | 2.52 | ppb |
| Silver | 109-1 | 2.19 | 2.32 | 2.34 | 2.28 | 3.37 | ppb |
| Sodium | 23-2 | 419.30 | 423.09 | 424.31 | 422.23 | 0.62 | ppb |
| Strontium | 86-1 | 5111.88 | 5324.06 | 5407.25 | 5281.06 | 2.88 | ppb |
| Strontium | 88-1 | 5299.95 | 5506.49 | 5591.79 | 5466.08 | 2.75 | ppb |
| Sulfur | 34-1 | 1237.21 | 1423.52 | 1461.14 | 1373.96 | 8.73 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.84 | 0.82 | 0.84 | 0.83 | 1.18 | ppb |
| Thallium | 205-1 | 0.82 | 0.84 | 0.84 | 0.83 | 1.96 | ppb |
| Tin | 118-1 | 9.11 | 9.57 | 9.49 | 9.39 | 2.64 | ppb |
| Titanium | 47-1 | 362.26 | 372.57 | 374.46 | 369.76 | 1.77 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:45:18 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.15 | 1.19 | 1.21 | 1.18 | 2.83 | ppb |
| Vanadium | 51-2 | 89.36 | 91.94 | 90.10 | 90.47 | 1.47 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 2180.47 | 2236.91 | 2203.07 | 2206.81 | 1.29 | ppb |
| Zirconium | 90-1 | 2.51 | 2.64 | 2.69 | 2.61 | 3.61 | ppb |
| Zirconium | 91-1 | 2.54 | 2.72 | 2.60 | 2.62 | 3.51 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:48:20 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14229.95 | 14125.25 | 14220.77 | 14191.99 | 0.41 | ppb |
| Antimony | 121-1 | 1.83 | 1.94 | 1.92 | 1.90 | 3.01 | ppb |
| Arsenic | 75-2 | 20.87 | 21.69 | 21.01 | 21.19 | 2.08 | ppb |
| Barium | 135-1 | 203.96 | 207.98 | 206.57 | 206.17 | 0.99 | ppb |
| Barium | 137-1 | 207.66 | 212.82 | 209.13 | 209.87 | 1.27 | ppb |
| Beryllium | 9-1 | 1.25 | 1.24 | 1.27 | 1.26 | 1.10 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.65 | 7.12 | 7.58 | 7.12 | 6.57 | ppb |
| Cadmium | 106-1 | 6.31 | 6.23 | 6.52 | 6.35 | 2.38 | ppb |
| Cadmium | 111-1 | 6.56 | 6.66 | 6.51 | 6.58 | 1.17 | ppb |
| Calcium | 43-1 | 111673.13 | 112265.80 | 113056.17 | 112331.70 | 0.62 | ppb |
| Calcium | 44-1 | 111256.35 | 111327.78 | 113125.78 | 111903.30 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 384.42 | 388.33 | 384.56 | 385.77 | 0.57 | ppb |
| Cobalt | 59-2 | 19.41 | 19.71 | 19.66 | 19.59 | 0.81 | ppb |
| Copper | 63-2 | 177.09 | 178.34 | 178.46 | 177.96 | 0.43 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 192346.56 | 191975.74 | 190834.46 | 191718.92 | 0.41 | ppb |
| Iron | 57-2 | 190970.82 | 191006.30 | 190052.08 | 190676.40 | 0.28 | ppb |
| Iron | 54-2 | 192017.42 | 193334.74 | 191846.61 | 192399.59 | 0.42 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:48:20 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 715.62 | 719.23 | 722.40 | 719.08 | 0.47 | ppb |
| Lead | 207-1 | 683.86 | 683.14 | 689.59 | 685.53 | 0.52 | ppb |
| Lead | 208-1 | 691.14 | 694.25 | 700.01 | 695.13 | 0.65 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 16545.95 | 16535.12 | 16524.45 | 16535.17 | 0.07 | ppb |
| Manganese | 55-2 | 6477.60 | 6429.10 | 6462.22 | 6456.31 | 0.38 | ppb |
| Molybdenum | 94-1 | 17.84 | 17.74 | 17.85 | 17.81 | 0.32 | ppb |
| Molybdenum | 95-1 | 15.64 | 15.90 | 16.00 | 15.85 | 1.18 | ppb |
| Molybdenum | 96-1 | 17.25 | 17.32 | 17.73 | 17.43 | 1.48 | ppb |
| Molybdenum | 97-1 | 15.80 | 15.97 | 15.89 | 15.89 | 0.54 | ppb |
| Molybdenum | 98-1 | 15.69 | 15.94 | 16.16 | 15.93 | 1.46 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 205.09 | 205.24 | 206.19 | 205.51 | 0.29 | ppb |
| Phosphorus | 31-2 | 1687.87 | 1740.84 | 1712.74 | 1713.82 | 1.55 | ppb |
| Potassium | 39-2 | 3443.56 | 3525.92 | 3452.85 | 3474.11 | 1.30 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.57 | 1.12 | 0.78 | 0.82 | 33.69 | ppb |
| Selenium | 77-2 | 5.91 | 4.62 | 6.06 | 5.53 | 14.37 | ppb |
| Selenium | 78-2 | -0.38 | 0.11 | 0.01 | -0.09 | | ppb |
| Silicon | 28-1 | 2567.79 | 2613.11 | 2626.96 | 2602.62 | 1.19 | ppb |
| Silver | 107-1 | 2.52 | 2.51 | 2.49 | 2.51 | 0.75 | ppb |
| Silver | 109-1 | 2.48 | 2.49 | 2.53 | 2.50 | 0.98 | ppb |
| Sodium | 23-2 | 443.48 | 441.13 | 443.11 | 442.57 | 0.29 | ppb |
| Strontium | 86-1 | 5340.47 | 5423.59 | 5404.49 | 5389.52 | 0.81 | ppb |
| Strontium | 88-1 | 5467.15 | 5567.25 | 5629.23 | 5554.54 | 1.47 | ppb |
| Sulfur | 34-1 | 1547.62 | 1598.77 | 1567.46 | 1571.28 | 1.64 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.91 | 0.91 | 0.94 | 0.92 | 1.68 | ppb |
| Thallium | 205-1 | 0.91 | 0.90 | 0.94 | 0.92 | 2.06 | ppb |
| Tin | 118-1 | 12.09 | 12.18 | 12.09 | 12.12 | 0.44 | ppb |
| Titanium | 47-1 | 366.84 | 370.45 | 369.51 | 368.93 | 0.51 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:48:20 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.23 | 1.23 | 1.26 | 1.24 | 1.68 | ppb |
| Vanadium | 51-2 | 96.84 | 97.52 | 96.75 | 97.04 | 0.43 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 2312.74 | 2317.32 | 2319.73 | 2316.60 | 0.15 | ppb |
| Zirconium | 90-1 | 2.55 | 2.57 | 2.60 | 2.57 | 0.89 | ppb |
| Zirconium | 91-1 | 2.59 | 2.69 | 2.66 | 2.65 | 1.86 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:59:06 | DataFile Name : | 083CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 49881.48 | 49594.68 | 49375.98 | 49617.38 | 0.51 | ppb |
| Antimony | 121-1 | 470.58 | 487.35 | 487.46 | 481.80 | 2.02 | ppb |
| Arsenic | 75-2 | 471.66 | 475.94 | 475.39 | 474.33 | 0.49 | ppb |
| Barium | 135-1 | 2362.24 | 2461.68 | 2458.58 | 2427.50 | 2.33 | ppb |
| Barium | 137-1 | 2372.13 | 2498.58 | 2476.33 | 2449.02 | 2.76 | ppb |
| Beryllium | 9-1 | 461.86 | 490.36 | 483.38 | 478.53 | 3.10 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 457.13 | 483.47 | 483.57 | 474.73 | 3.21 | ppb |
| Cadmium | 106-1 | 463.40 | 488.80 | 477.75 | 476.65 | 2.67 | ppb |
| Cadmium | 111-1 | 438.01 | 459.23 | 457.50 | 451.58 | 2.61 | ppb |
| Calcium | 43-1 | 242746.09 | 250422.37 | 250007.22 | 247725.23 | 1.74 | ppb |
| Calcium | 44-1 | 239380.03 | 247322.55 | 251184.59 | 245962.39 | 2.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 493.99 | 507.23 | 488.70 | 496.64 | 1.92 | ppb |
| Cobalt | 59-2 | 492.17 | 490.36 | 482.76 | 488.43 | 1.02 | ppb |
| Copper | 63-2 | 4790.07 | 4861.87 | 4773.72 | 4808.55 | 0.98 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 96 | | % |
| Indium | 115-1 | | | | 88 | | % |
| Indium | 115-2 | | | | 84 | | % |
| Iron | 56-2 | 127065.37 | 128124.46 | 127126.53 | 127438.79 | 0.47 | ppb |
| Iron | 57-2 | 126785.17 | 127645.79 | 126576.59 | 127002.51 | 0.45 | ppb |
| Iron | 54-2 | 127283.42 | 128549.10 | 127062.93 | 127631.82 | 0.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:59:06 | DataFile Name : | 083CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2376.65 | 2492.77 | 2511.08 | 2460.17 | 2.96 | ppb |
| Lead | 207-1 | 2352.64 | 2485.12 | 2504.09 | 2447.28 | 3.37 | ppb |
| Lead | 208-1 | 2354.06 | 2474.72 | 2507.12 | 2445.30 | 3.30 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 236141.58 | 235333.65 | 232180.33 | 234551.85 | 0.89 | ppb |
| Manganese | 55-2 | 4902.14 | 4972.77 | 4917.22 | 4930.71 | 0.75 | ppb |
| Molybdenum | 94-1 | 4639.67 | 4899.66 | 4883.51 | 4807.61 | 3.03 | ppb |
| Molybdenum | 95-1 | 4649.99 | 4896.44 | 4876.73 | 4807.72 | 2.85 | ppb |
| Molybdenum | 96-1 | 4659.03 | 4919.94 | 4909.65 | 4829.54 | 3.06 | ppb |
| Molybdenum | 97-1 | 4683.28 | 4894.10 | 4921.38 | 4832.92 | 2.70 | ppb |
| Molybdenum | 98-1 | 4698.80 | 4888.45 | 4961.16 | 4849.47 | 2.79 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 462.75 | 463.81 | 456.62 | 461.06 | 0.84 | ppb |
| Phosphorus | 31-2 | 9787.96 | 9826.03 | 9594.84 | 9736.28 | 1.27 | ppb |
| Potassium | 39-2 | 123048.57 | 123820.86 | 123293.69 | 123387.71 | 0.32 | ppb |
| Rhodium | 103-1 | | | | 86 | | % |
| Rhodium | 103-2 | | | | 81 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 81 | | % |
| Selenium | 82-1 | 451.30 | 463.80 | 476.96 | 464.02 | 2.77 | ppb |
| Selenium | 77-2 | 450.09 | 474.97 | 479.45 | 468.17 | 3.38 | ppb |
| Selenium | 78-2 | 473.99 | 467.76 | 482.07 | 474.60 | 1.51 | ppb |
| Silicon | 28-1 | 189.37 | 195.86 | 200.53 | 195.25 | 2.87 | ppb |
| Silver | 107-1 | 468.28 | 481.19 | 479.11 | 476.19 | 1.46 | ppb |
| Silver | 109-1 | 463.37 | 490.29 | 480.07 | 477.91 | 2.84 | ppb |
| Sodium | 23-2 | 242985.82 | 248755.20 | 242420.15 | 244720.39 | 1.43 | ppb |
| Strontium | 86-1 | 11908.54 | 12476.26 | 12286.28 | 12223.69 | 2.36 | ppb |
| Strontium | 88-1 | 11875.15 | 12187.67 | 12367.75 | 12143.52 | 2.05 | ppb |
| Sulfur | 34-1 | 8922.51 | 9432.41 | 9525.75 | 9293.56 | 3.49 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 95 | | % |
| Thallium | 203-1 | 477.24 | 505.02 | 500.34 | 494.20 | 3.01 | ppb |
| Thallium | 205-1 | 480.30 | 493.90 | 496.79 | 490.33 | 1.80 | ppb |
| Tin | 118-1 | 467.43 | 498.66 | 492.10 | 486.06 | 3.39 | ppb |
| Titanium | 47-1 | 4614.48 | 4828.48 | 4883.62 | 4775.53 | 2.98 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:59:06 | DataFile Name : | 083CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 456.34 | 474.29 | 487.14 | 472.59 | 3.27 | ppb |
| Vanadium | 51-2 | 500.90 | 508.07 | 501.84 | 503.60 | 0.77 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 86 | | % |
| Zinc | 66-2 | 4763.71 | 4756.81 | 4700.97 | 4740.50 | 0.73 | ppb |
| Zirconium | 90-1 | 468.89 | 487.42 | 492.96 | 483.09 | 2.61 | ppb |
| Zirconium | 91-1 | 470.24 | 494.29 | 497.52 | 487.35 | 3.06 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:03:31 | DataFile Name : | 084CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1.41 | 1.40 | 1.62 | 1.48 | 8.32 | ppb |
| Antimony | 121-1 | 0.09 | 0.10 | 0.08 | 0.09 | 10.60 | ppb |
| Arsenic | 75-2 | -0.02 | -0.01 | 0.01 | -0.01 | | ppb |
| Barium | 135-1 | 0.11 | 0.07 | 0.05 | 0.08 | 36.31 | ppb |
| Barium | 137-1 | 0.12 | 0.06 | 0.05 | 0.08 | 46.92 | ppb |
| Beryllium | 9-1 | 0.04 | 0.05 | 0.03 | 0.04 | 31.61 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | 0.01 | 0.00 | 0.01 | 98.99 | ppb |
| Cadmium | 106-1 | -1.52 | -2.66 | -2.06 | -2.08 | | ppb |
| Cadmium | 111-1 | -0.09 | -0.18 | -0.13 | -0.13 | | ppb |
| Calcium | 43-1 | 11.01 | 10.76 | 6.14 | 9.31 | 29.48 | ppb |
| Calcium | 44-1 | 6.75 | 4.05 | 1.74 | 4.18 | 59.97 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.01 | 0.00 | 0.02 | 0.01 | 103.31 | ppb |
| Cobalt | 59-2 | 0.01 | 0.01 | 0.00 | 0.01 | 59.14 | ppb |
| Copper | 63-2 | 0.19 | 0.18 | 0.16 | 0.18 | 9.41 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 3.75 | 2.90 | 2.64 | 3.10 | 18.73 | ppb |
| Iron | 57-2 | 3.51 | 3.38 | 3.52 | 3.47 | 2.23 | ppb |
| Iron | 54-2 | 2.79 | 1.95 | 3.35 | 2.70 | 26.06 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:03:31 | DataFile Name : | 084CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.16 | 0.14 | 0.11 | 0.14 | 18.28 | ppb |
| Lead | 207-1 | 0.17 | 0.13 | 0.12 | 0.14 | 17.76 | ppb |
| Lead | 208-1 | 0.17 | 0.14 | 0.12 | 0.14 | 17.91 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 4.02 | 3.73 | 3.49 | 3.75 | 7.18 | ppb |
| Manganese | 55-2 | 0.15 | 0.14 | 0.13 | 0.14 | 5.51 | ppb |
| Molybdenum | 94-1 | 0.30 | 0.18 | 0.17 | 0.22 | 33.34 | ppb |
| Molybdenum | 95-1 | 0.27 | 0.20 | 0.13 | 0.20 | 36.14 | ppb |
| Molybdenum | 96-1 | 0.27 | 0.18 | 0.13 | 0.20 | 37.08 | ppb |
| Molybdenum | 97-1 | 0.27 | 0.20 | 0.15 | 0.21 | 30.82 | ppb |
| Molybdenum | 98-1 | 0.29 | 0.19 | 0.14 | 0.20 | 36.92 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.01 | 0.00 | -0.02 | -0.01 | | ppb |
| Phosphorus | 31-2 | -14.13 | -17.52 | -17.69 | -16.45 | | ppb |
| Potassium | 39-2 | 7.32 | 7.90 | 7.61 | 7.61 | 3.84 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | -0.66 | -0.89 | -0.65 | -0.73 | | ppb |
| Selenium | 77-2 | 0.02 | -0.16 | -0.16 | -0.10 | | ppb |
| Selenium | 78-2 | -0.29 | 0.56 | -1.92 | -0.55 | | ppb |
| Silicon | 28-1 | -17.51 | -15.45 | -14.53 | -15.83 | | ppb |
| Silver | 107-1 | 0.03 | 0.03 | 0.02 | 0.03 | 21.68 | ppb |
| Silver | 109-1 | 0.03 | 0.03 | 0.02 | 0.03 | 15.08 | ppb |
| Sodium | 23-2 | 15.71 | 14.88 | 15.15 | 15.24 | 2.80 | ppb |
| Strontium | 86-1 | -0.28 | 0.43 | -0.17 | -0.01 | | ppb |
| Strontium | 88-1 | 0.53 | 0.37 | 0.29 | 0.40 | 30.02 | ppb |
| Sulfur | 34-1 | -433.46 | -230.47 | -144.47 | -269.47 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.04 | 0.04 | 0.03 | 0.04 | 7.24 | ppb |
| Thallium | 205-1 | 0.04 | 0.03 | 0.04 | 0.04 | 8.03 | ppb |
| Tin | 118-1 | 0.02 | 0.03 | 0.02 | 0.02 | 37.59 | ppb |
| Titanium | 47-1 | 0.21 | 0.19 | 0.08 | 0.16 | 44.51 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:03:31 | DataFile Name : | 084CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.01 | 0.01 | 0.01 | 32.28 | ppb |
| Vanadium | 51-2 | 0.01 | 0.01 | 0.01 | 0.01 | 17.14 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 0.33 | 0.24 | 0.43 | 0.33 | 28.31 | ppb |
| Zirconium | 90-1 | 0.03 | 0.02 | 0.02 | 0.03 | 11.76 | ppb |
| Zirconium | 91-1 | 0.04 | 0.03 | 0.02 | 0.03 | 27.44 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:16:47 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1874.08 | 1849.46 | 1861.89 | 1861.81 | 0.66 | ppb |
| Antimony | 121-1 | 0.68 | 0.70 | 0.69 | 0.69 | 1.43 | ppb |
| Arsenic | 75-2 | 5.58 | 5.86 | 5.71 | 5.71 | 2.42 | ppb |
| Barium | 135-1 | 48.07 | 48.52 | 48.44 | 48.34 | 0.50 | ppb |
| Barium | 137-1 | 48.46 | 49.39 | 49.18 | 49.01 | 1.00 | ppb |
| Beryllium | 9-1 | 0.35 | 0.37 | 0.37 | 0.36 | 2.57 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 110 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.70 | 3.77 | 3.51 | 3.66 | 3.68 | ppb |
| Cadmium | 106-1 | 1.30 | 0.79 | 1.34 | 1.14 | 26.65 | ppb |
| Cadmium | 111-1 | 1.71 | 1.74 | 1.69 | 1.71 | 1.40 | ppb |
| Calcium | 43-1 | 21015.14 | 21421.68 | 21479.56 | 21305.46 | 1.19 | ppb |
| Calcium | 44-1 | 20399.12 | 20580.97 | 20431.12 | 20470.41 | 0.47 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 106.17 | 104.92 | 105.28 | 105.46 | 0.61 | ppb |
| Cobalt | 59-2 | 2.90 | 2.92 | 2.94 | 2.92 | 0.67 | ppb |
| Copper | 63-2 | 24.23 | 24.26 | 24.26 | 24.25 | 0.06 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 65537.47 | 65436.60 | 65369.91 | 65447.99 | 0.13 | ppb |
| Iron | 57-2 | 65311.97 | 64538.79 | 65231.82 | 65027.53 | 0.65 | ppb |
| Iron | 54-2 | 66501.38 | 65812.52 | 65648.84 | 65987.58 | 0.69 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:16:47 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1069.32 | 1076.33 | 1093.00 | 1079.55 | 1.13 | ppb |
| Lead | 207-1 | 1003.05 | 1008.19 | 1029.42 | 1013.55 | 1.38 | ppb |
| Lead | 208-1 | 1027.09 | 1030.58 | 1045.70 | 1034.46 | 0.96 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 3860.20 | 3845.90 | 3817.51 | 3841.20 | 0.57 | ppb |
| Manganese | 55-2 | 2188.51 | 2169.10 | 2188.64 | 2182.08 | 0.52 | ppb |
| Molybdenum | 94-1 | 4.06 | 4.11 | 4.05 | 4.07 | 0.84 | ppb |
| Molybdenum | 95-1 | 3.58 | 3.60 | 3.62 | 3.60 | 0.54 | ppb |
| Molybdenum | 96-1 | 4.14 | 4.23 | 4.13 | 4.17 | 1.22 | ppb |
| Molybdenum | 97-1 | 3.44 | 3.59 | 3.57 | 3.53 | 2.34 | ppb |
| Molybdenum | 98-1 | 3.54 | 3.61 | 3.62 | 3.59 | 1.23 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 53.37 | 53.88 | 53.29 | 53.51 | 0.60 | ppb |
| Phosphorus | 31-2 | 215.20 | 206.73 | 211.86 | 211.26 | 2.02 | ppb |
| Potassium | 39-2 | 395.65 | 394.67 | 400.45 | 396.92 | 0.78 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | -0.29 | -0.03 | -0.30 | -0.21 | | ppb |
| Selenium | 77-2 | 0.17 | 0.64 | 0.82 | 0.54 | 62.31 | ppb |
| Selenium | 78-2 | -0.70 | -0.68 | -1.23 | -0.87 | | ppb |
| Silicon | 28-1 | 519.42 | 531.88 | 527.65 | 526.32 | 1.20 | ppb |
| Silver | 107-1 | 1.09 | 1.10 | 1.11 | 1.10 | 0.57 | ppb |
| Silver | 109-1 | 1.09 | 1.09 | 1.08 | 1.09 | 0.25 | ppb |
| Sodium | 23-2 | 142.33 | 140.40 | 140.63 | 141.12 | 0.75 | ppb |
| Strontium | 86-1 | 684.74 | 680.01 | 702.70 | 689.15 | 1.74 | ppb |
| Strontium | 88-1 | 684.57 | 686.34 | 696.72 | 689.21 | 0.95 | ppb |
| Sulfur | 34-1 | 173.62 | 247.17 | 215.52 | 212.10 | 17.39 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.40 | 0.39 | 0.41 | 0.40 | 2.03 | ppb |
| Thallium | 205-1 | 0.40 | 0.40 | 0.41 | 0.40 | 0.98 | ppb |
| Tin | 118-1 | 3.41 | 3.52 | 3.48 | 3.47 | 1.66 | ppb |
| Titanium | 47-1 | 76.19 | 77.95 | 77.57 | 77.24 | 1.20 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:16:47 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.16 | 0.16 | 0.16 | 0.16 | 0.93 | ppb |
| Vanadium | 51-2 | 10.63 | 10.64 | 10.39 | 10.55 | 1.32 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 5066.13 | 4992.66 | 4975.38 | 5011.39 | 0.96 | ppb |
| Zirconium | 90-1 | 0.57 | 0.60 | 0.59 | 0.59 | 2.85 | ppb |
| Zirconium | 91-1 | 0.61 | 0.60 | 0.62 | 0.61 | 1.96 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:20:43 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1906.82 | 1902.33 | 1898.19 | 1902.45 | 0.23 | ppb |
| Antimony | 121-1 | 0.71 | 0.74 | 0.74 | 0.73 | 2.49 | ppb |
| Arsenic | 75-2 | 6.05 | 6.21 | 5.99 | 6.09 | 1.81 | ppb |
| Barium | 135-1 | 48.27 | 50.39 | 49.40 | 49.35 | 2.15 | ppb |
| Barium | 137-1 | 49.64 | 50.17 | 50.31 | 50.04 | 0.71 | ppb |
| Beryllium | 9-1 | 0.35 | 0.39 | 0.37 | 0.37 | 4.68 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.12 | 3.33 | 3.47 | 3.31 | 5.31 | ppb |
| Cadmium | 106-1 | 2.18 | 2.48 | 1.46 | 2.04 | 25.79 | ppb |
| Cadmium | 111-1 | 1.86 | 1.82 | 1.87 | 1.85 | 1.54 | ppb |
| Calcium | 43-1 | 21357.28 | 21852.82 | 21863.97 | 21691.35 | 1.33 | ppb |
| Calcium | 44-1 | 20963.80 | 20946.02 | 21186.38 | 21032.07 | 0.64 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 107.99 | 107.16 | 107.65 | 107.60 | 0.39 | ppb |
| Cobalt | 59-2 | 2.99 | 3.00 | 2.99 | 3.00 | 0.27 | ppb |
| Copper | 63-2 | 24.74 | 24.61 | 24.72 | 24.69 | 0.29 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 67262.24 | 66315.99 | 66755.62 | 66777.95 | 0.71 | ppb |
| Iron | 57-2 | 66586.67 | 65998.28 | 66277.75 | 66287.56 | 0.44 | ppb |
| Iron | 54-2 | 67908.76 | 67098.47 | 66960.38 | 67322.54 | 0.76 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:20:43 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1111.29 | 1097.31 | 1100.78 | 1103.13 | 0.66 | ppb |
| Lead | 207-1 | 1038.09 | 1035.63 | 1045.51 | 1039.74 | 0.49 | ppb |
| Lead | 208-1 | 1056.92 | 1056.28 | 1063.17 | 1058.79 | 0.36 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 3943.34 | 3901.00 | 3927.35 | 3923.90 | 0.54 | ppb |
| Manganese | 55-2 | 2251.21 | 2209.27 | 2216.21 | 2225.56 | 1.01 | ppb |
| Molybdenum | 94-1 | 4.23 | 4.20 | 4.24 | 4.22 | 0.53 | ppb |
| Molybdenum | 95-1 | 3.66 | 3.66 | 3.76 | 3.70 | 1.57 | ppb |
| Molybdenum | 96-1 | 4.30 | 4.30 | 4.33 | 4.31 | 0.43 | ppb |
| Molybdenum | 97-1 | 3.60 | 3.70 | 3.77 | 3.69 | 2.35 | ppb |
| Molybdenum | 98-1 | 3.72 | 3.69 | 3.70 | 3.70 | 0.38 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 54.10 | 54.20 | 54.63 | 54.31 | 0.51 | ppb |
| Phosphorus | 31-2 | 207.94 | 218.70 | 206.68 | 211.11 | 3.13 | ppb |
| Potassium | 39-2 | 406.99 | 403.57 | 407.18 | 405.91 | 0.50 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | -0.40 | -0.28 | -0.41 | -0.37 | | ppb |
| Selenium | 77-2 | 0.65 | 1.31 | 1.13 | 1.03 | 33.38 | ppb |
| Selenium | 78-2 | -1.18 | 0.02 | -0.86 | -0.67 | | ppb |
| Silicon | 28-1 | 526.77 | 539.22 | 535.93 | 533.97 | 1.21 | ppb |
| Silver | 107-1 | 1.13 | 1.14 | 1.13 | 1.13 | 0.33 | ppb |
| Silver | 109-1 | 1.10 | 1.10 | 1.10 | 1.10 | 0.19 | ppb |
| Sodium | 23-2 | 142.58 | 142.94 | 144.13 | 143.22 | 0.56 | ppb |
| Strontium | 86-1 | 698.69 | 704.85 | 709.70 | 704.41 | 0.78 | ppb |
| Strontium | 88-1 | 705.54 | 708.62 | 708.70 | 707.62 | 0.25 | ppb |
| Sulfur | 34-1 | 150.68 | 208.80 | 189.86 | 183.11 | 16.19 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.40 | 0.41 | 0.41 | 0.41 | 1.39 | ppb |
| Thallium | 205-1 | 0.42 | 0.42 | 0.41 | 0.42 | 1.76 | ppb |
| Tin | 118-1 | 3.90 | 3.51 | 3.63 | 3.68 | 5.33 | ppb |
| Titanium | 47-1 | 77.53 | 79.92 | 80.44 | 79.30 | 1.96 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:20:43 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.17 | 0.16 | 0.17 | 0.17 | 1.39 | ppb |
| Vanadium | 51-2 | 10.67 | 10.87 | 10.78 | 10.78 | 0.92 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 5156.89 | 5106.19 | 5071.40 | 5111.49 | 0.84 | ppb |
| Zirconium | 90-1 | 0.60 | 0.62 | 0.61 | 0.61 | 1.38 | ppb |
| Zirconium | 91-1 | 0.63 | 0.59 | 0.61 | 0.61 | 2.84 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 16:23:49 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 375.10 | 370.74 | 376.59 | 374.15 | 0.81 | ppb |
| Antimony | 121-1 | 0.14 | 0.15 | 0.15 | 0.15 | 6.43 | ppb |
| Arsenic | 75-2 | 1.28 | 1.26 | 1.08 | 1.21 | 8.93 | ppb |
| Barium | 135-1 | 9.69 | 9.63 | 9.83 | 9.72 | 1.05 | ppb |
| Barium | 137-1 | 9.62 | 9.73 | 10.01 | 9.79 | 2.01 | ppb |
| Beryllium | 9-1 | 0.10 | 0.05 | 0.05 | 0.07 | 45.77 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.55 | 0.65 | 0.78 | 0.66 | 17.33 | ppb |
| Cadmium | 106-1 | -0.52 | -0.57 | 0.00 | -0.36 | | ppb |
| Cadmium | 111-1 | 0.29 | 0.29 | 0.33 | 0.30 | 7.26 | ppb |
| Calcium | 43-1 | 4222.58 | 4255.28 | 4305.12 | 4260.99 | 0.98 | ppb |
| Calcium | 44-1 | 4041.41 | 4107.97 | 4078.48 | 4075.95 | 0.82 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 21.14 | 20.99 | 21.02 | 21.05 | 0.37 | ppb |
| Cobalt | 59-2 | 0.58 | 0.55 | 0.59 | 0.57 | 3.63 | ppb |
| Copper | 63-2 | 5.66 | 5.59 | 5.74 | 5.66 | 1.36 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 13293.10 | 13042.79 | 13061.79 | 13132.56 | 1.06 | ppb |
| Iron | 57-2 | 13126.40 | 13054.62 | 12935.23 | 13038.75 | 0.74 | ppb |
| Iron | 54-2 | 13276.27 | 13224.36 | 13235.33 | 13245.32 | 0.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 16:23:49 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 219.48 | 223.99 | 226.17 | 223.21 | 1.53 | ppb |
| Lead | 207-1 | 206.12 | 209.47 | 214.30 | 209.96 | 1.96 | ppb |
| Lead | 208-1 | 209.68 | 215.21 | 216.62 | 213.84 | 1.72 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 745.18 | 739.61 | 746.00 | 743.60 | 0.47 | ppb |
| Manganese | 55-2 | 445.68 | 436.40 | 442.40 | 441.49 | 1.07 | ppb |
| Molybdenum | 94-1 | 0.76 | 0.82 | 0.78 | 0.79 | 4.05 | ppb |
| Molybdenum | 95-1 | 0.72 | 0.74 | 0.76 | 0.74 | 2.14 | ppb |
| Molybdenum | 96-1 | 0.80 | 0.83 | 0.86 | 0.83 | 3.37 | ppb |
| Molybdenum | 97-1 | 0.76 | 0.69 | 0.70 | 0.72 | 5.60 | ppb |
| Molybdenum | 98-1 | 0.68 | 0.73 | 0.69 | 0.70 | 3.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 10.83 | 10.84 | 10.80 | 10.83 | 0.19 | ppb |
| Phosphorus | 31-2 | 27.18 | 26.15 | 34.70 | 29.34 | 15.91 | ppb |
| Potassium | 39-2 | 82.65 | 81.12 | 82.26 | 82.01 | 0.97 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | -0.15 | -0.65 | -0.83 | -0.54 | | ppb |
| Selenium | 77-2 | 0.17 | 0.01 | 0.01 | 0.06 | 157.75 | ppb |
| Selenium | 78-2 | -0.62 | -0.78 | -1.36 | -0.92 | | ppb |
| Silicon | 28-1 | 106.90 | 110.45 | 109.05 | 108.80 | 1.64 | ppb |
| Silver | 107-1 | 0.22 | 0.22 | 0.21 | 0.22 | 1.64 | ppb |
| Silver | 109-1 | 0.22 | 0.22 | 0.22 | 0.22 | 0.43 | ppb |
| Sodium | 23-2 | 31.97 | 31.89 | 32.54 | 32.13 | 1.10 | ppb |
| Strontium | 86-1 | 136.03 | 138.16 | 139.79 | 137.99 | 1.37 | ppb |
| Strontium | 88-1 | 135.07 | 138.33 | 139.13 | 137.51 | 1.57 | ppb |
| Sulfur | 34-1 | -108.08 | -45.30 | 1.18 | -50.73 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.08 | 0.08 | 0.08 | 0.08 | 3.88 | ppb |
| Thallium | 205-1 | 0.08 | 0.09 | 0.09 | 0.09 | 5.64 | ppb |
| Tin | 118-1 | 0.67 | 0.70 | 0.71 | 0.69 | 3.00 | ppb |
| Titanium | 47-1 | 15.42 | 15.85 | 15.72 | 15.66 | 1.42 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 16:23:49 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.03 | 0.03 | 0.04 | 0.03 | 8.99 | ppb |
| Vanadium | 51-2 | 2.13 | 2.09 | 2.09 | 2.10 | 1.12 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 979.19 | 976.32 | 976.22 | 977.24 | 0.17 | ppb |
| Zirconium | 90-1 | 0.11 | 0.12 | 0.12 | 0.12 | 3.71 | ppb |
| Zirconium | 91-1 | 0.12 | 0.12 | 0.11 | 0.12 | 7.19 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:27:36 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1911.83 | 1911.32 | 1924.31 | 1915.82 | 0.38 | ppb |
| Antimony | 121-1 | 4.73 | 4.96 | 5.48 | 5.06 | 7.61 | ppb |
| Arsenic | 75-2 | 7.13 | 7.30 | 7.77 | 7.40 | 4.49 | ppb |
| Barium | 135-1 | 123.11 | 130.91 | 142.10 | 132.04 | 7.23 | ppb |
| Barium | 137-1 | 127.31 | 133.12 | 143.58 | 134.67 | 6.12 | ppb |
| Beryllium | 9-1 | 2.39 | 2.62 | 2.63 | 2.55 | 5.33 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 110 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.19 | 5.43 | 5.68 | 5.43 | 4.49 | ppb |
| Cadmium | 106-1 | 3.83 | 3.12 | 4.67 | 3.87 | 20.12 | ppb |
| Cadmium | 111-1 | 3.83 | 3.86 | 4.49 | 4.06 | 9.18 | ppb |
| Calcium | 43-1 | 20209.33 | 21088.03 | 23112.11 | 21469.82 | 6.93 | ppb |
| Calcium | 44-1 | 19657.20 | 20432.07 | 22068.94 | 20719.41 | 5.94 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 112.38 | 112.83 | 112.65 | 112.62 | 0.20 | ppb |
| Cobalt | 59-2 | 24.22 | 24.19 | 24.37 | 24.26 | 0.41 | ppb |
| Copper | 63-2 | 34.22 | 34.18 | 34.43 | 34.28 | 0.38 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 64896.21 | 65323.22 | 64821.42 | 65013.62 | 0.42 | ppb |
| Iron | 57-2 | 63697.50 | 64579.00 | 64315.77 | 64197.43 | 0.70 | ppb |
| Iron | 54-2 | 65530.66 | 65318.07 | 65544.65 | 65464.46 | 0.19 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:27:36 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1070.08 | 1085.43 | 1153.69 | 1103.07 | 4.03 | ppb |
| Lead | 207-1 | 990.94 | 1008.77 | 1085.90 | 1028.54 | 4.91 | ppb |
| Lead | 208-1 | 1008.17 | 1032.84 | 1107.64 | 1049.55 | 4.93 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 3727.42 | 3765.20 | 3791.23 | 3761.28 | 0.85 | ppb |
| Manganese | 55-2 | 2163.66 | 2181.99 | 2179.73 | 2175.13 | 0.46 | ppb |
| Molybdenum | 94-1 | 3.86 | 3.98 | 4.28 | 4.04 | 5.32 | ppb |
| Molybdenum | 95-1 | 3.45 | 3.63 | 3.91 | 3.67 | 6.35 | ppb |
| Molybdenum | 96-1 | 4.05 | 4.10 | 4.47 | 4.21 | 5.36 | ppb |
| Molybdenum | 97-1 | 3.52 | 3.58 | 3.86 | 3.65 | 5.00 | ppb |
| Molybdenum | 98-1 | 3.41 | 3.64 | 3.86 | 3.64 | 6.17 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 74.52 | 74.81 | 74.69 | 74.67 | 0.20 | ppb |
| Phosphorus | 31-2 | 198.75 | 199.30 | 206.29 | 201.45 | 2.09 | ppb |
| Potassium | 39-2 | 386.75 | 391.78 | 394.77 | 391.10 | 1.04 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 3.96 | 4.36 | 4.50 | 4.27 | 6.59 | ppb |
| Selenium | 77-2 | 5.58 | 4.17 | 5.14 | 4.96 | 14.59 | ppb |
| Selenium | 78-2 | 4.64 | 2.49 | 4.09 | 3.74 | 29.85 | ppb |
| Silicon | 28-1 | 500.22 | 522.06 | 573.40 | 531.89 | 7.06 | ppb |
| Silver | 107-1 | 3.16 | 3.35 | 3.57 | 3.36 | 6.13 | ppb |
| Silver | 109-1 | 3.07 | 3.37 | 3.55 | 3.33 | 7.20 | ppb |
| Sodium | 23-2 | 134.82 | 138.04 | 138.35 | 137.07 | 1.43 | ppb |
| Strontium | 86-1 | 665.30 | 693.66 | 732.69 | 697.22 | 4.85 | ppb |
| Strontium | 88-1 | 658.56 | 688.95 | 737.56 | 695.03 | 5.73 | ppb |
| Sulfur | 34-1 | 60.54 | 200.18 | 569.27 | 276.67 | 95.00 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 2.13 | 2.19 | 2.41 | 2.24 | 6.53 | ppb |
| Thallium | 205-1 | 2.13 | 2.19 | 2.37 | 2.23 | 5.55 | ppb |
| Tin | 118-1 | 3.31 | 3.50 | 3.75 | 3.52 | 6.35 | ppb |
| Titanium | 47-1 | 73.72 | 77.42 | 85.22 | 78.79 | 7.45 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:27:36 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.16 | 0.16 | 0.17 | 0.17 | 4.27 | ppb |
| Vanadium | 51-2 | 31.72 | 32.00 | 32.08 | 31.93 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 5029.47 | 4981.33 | 5012.40 | 5007.73 | 0.49 | ppb |
| Zirconium | 90-1 | 0.56 | 0.59 | 0.61 | 0.59 | 4.54 | ppb |
| Zirconium | 91-1 | 0.57 | 0.62 | 0.65 | 0.61 | 6.78 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:30:41 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4489.56 | 4439.15 | 4430.70 | 4453.14 | 0.71 | ppb |
| Antimony | 121-1 | 1.78 | 1.84 | 1.82 | 1.81 | 1.51 | ppb |
| Arsenic | 75-2 | 13.85 | 14.26 | 14.54 | 14.22 | 2.45 | ppb |
| Barium | 135-1 | 135.37 | 134.98 | 137.88 | 136.08 | 1.15 | ppb |
| Barium | 137-1 | 137.83 | 137.88 | 139.32 | 138.35 | 0.61 | ppb |
| Beryllium | 9-1 | 0.87 | 0.96 | 0.97 | 0.94 | 5.86 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.93 | 5.59 | 5.67 | 5.40 | 7.55 | ppb |
| Cadmium | 106-1 | 4.68 | 4.78 | 4.49 | 4.65 | 3.18 | ppb |
| Cadmium | 111-1 | 4.80 | 4.78 | 5.00 | 4.86 | 2.45 | ppb |
| Calcium | 43-1 | 48230.87 | 48630.61 | 49610.36 | 48823.95 | 1.45 | ppb |
| Calcium | 44-1 | 48273.20 | 49246.34 | 49398.81 | 48972.78 | 1.25 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 273.92 | 271.54 | 274.71 | 273.39 | 0.60 | ppb |
| Cobalt | 59-2 | 7.35 | 7.34 | 7.32 | 7.33 | 0.20 | ppb |
| Copper | 63-2 | 61.58 | 61.36 | 61.54 | 61.49 | 0.19 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 167042.98 | 165800.17 | 167107.94 | 166650.36 | 0.44 | ppb |
| Iron | 57-2 | 167499.57 | 165518.06 | 166683.66 | 166567.10 | 0.60 | ppb |
| Iron | 54-2 | 168814.27 | 167659.51 | 168241.66 | 168238.48 | 0.34 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:30:41 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 959.99 | 943.98 | 963.99 | 955.98 | 1.11 | ppb |
| Lead | 207-1 | 883.73 | 882.86 | 878.39 | 881.66 | 0.33 | ppb |
| Lead | 208-1 | 906.53 | 898.49 | 907.29 | 904.10 | 0.54 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 7825.39 | 7695.58 | 7673.94 | 7731.64 | 1.06 | ppb |
| Manganese | 55-2 | 6977.28 | 6957.53 | 7018.22 | 6984.34 | 0.44 | ppb |
| Molybdenum | 94-1 | 11.50 | 11.48 | 11.44 | 11.47 | 0.27 | ppb |
| Molybdenum | 95-1 | 10.33 | 10.10 | 10.45 | 10.29 | 1.74 | ppb |
| Molybdenum | 96-1 | 11.89 | 11.61 | 11.88 | 11.79 | 1.36 | ppb |
| Molybdenum | 97-1 | 10.56 | 10.32 | 10.36 | 10.41 | 1.25 | ppb |
| Molybdenum | 98-1 | 10.45 | 10.18 | 10.30 | 10.31 | 1.34 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 145.82 | 145.45 | 145.94 | 145.74 | 0.18 | ppb |
| Phosphorus | 31-2 | 577.09 | 572.73 | 601.39 | 583.74 | 2.65 | ppb |
| Potassium | 39-2 | 871.44 | 873.47 | 872.63 | 872.51 | 0.12 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.34 | 0.23 | 0.01 | 0.19 | 86.16 | ppb |
| Selenium | 77-2 | 1.46 | 1.29 | 1.64 | 1.46 | 11.64 | ppb |
| Selenium | 78-2 | -0.20 | -0.10 | -0.08 | -0.13 | | ppb |
| Silicon | 28-1 | 1269.77 | 1281.64 | 1297.67 | 1283.02 | 1.09 | ppb |
| Silver | 107-1 | 2.90 | 2.89 | 2.91 | 2.90 | 0.39 | ppb |
| Silver | 109-1 | 2.89 | 2.85 | 2.89 | 2.88 | 0.77 | ppb |
| Sodium | 23-2 | 321.26 | 320.36 | 324.41 | 322.01 | 0.66 | ppb |
| Strontium | 86-1 | 1629.65 | 1620.15 | 1646.86 | 1632.22 | 0.83 | ppb |
| Strontium | 88-1 | 1676.61 | 1678.45 | 1684.48 | 1679.85 | 0.24 | ppb |
| Sulfur | 34-1 | 485.67 | 538.66 | 559.47 | 527.93 | 7.21 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 1.23 | 1.19 | 1.22 | 1.21 | 1.92 | ppb |
| Thallium | 205-1 | 1.23 | 1.22 | 1.24 | 1.23 | 0.58 | ppb |
| Tin | 118-1 | 8.74 | 8.66 | 8.87 | 8.76 | 1.24 | ppb |
| Titanium | 47-1 | 286.46 | 292.44 | 293.28 | 290.73 | 1.28 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:30:41 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.38 | 0.37 | 0.37 | 0.37 | 1.70 | ppb |
| Vanadium | 51-2 | 31.87 | 31.54 | 31.73 | 31.71 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 2652.55 | 2648.46 | 2622.90 | 2641.30 | 0.61 | ppb |
| Zirconium | 90-1 | 1.59 | 1.59 | 1.62 | 1.60 | 1.09 | ppb |
| Zirconium | 91-1 | 1.69 | 1.58 | 1.60 | 1.63 | 3.67 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:33:45 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4773.50 | 4852.58 | 4805.54 | 4810.54 | 0.83 | ppb |
| Antimony | 121-1 | 1.76 | 1.78 | 1.79 | 1.77 | 0.90 | ppb |
| Arsenic | 75-2 | 14.97 | 14.53 | 14.86 | 14.79 | 1.56 | ppb |
| Barium | 135-1 | 119.07 | 121.24 | 123.62 | 121.31 | 1.87 | ppb |
| Barium | 137-1 | 121.43 | 123.80 | 125.04 | 123.42 | 1.49 | ppb |
| Beryllium | 9-1 | 0.91 | 0.94 | 0.90 | 0.92 | 1.95 | ppb |
| Bismuth | 209-1 | | | | 119 | | % |
| Bismuth | 209-2 | | | | 113 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 7.41 | 9.06 | 7.69 | 8.05 | 10.94 | ppb |
| Cadmium | 106-1 | 7.89 | 7.10 | 8.27 | 7.75 | 7.71 | ppb |
| Cadmium | 111-1 | 4.59 | 4.47 | 4.81 | 4.62 | 3.76 | ppb |
| Calcium | 43-1 | 50091.07 | 52130.30 | 51384.00 | 51201.79 | 2.02 | ppb |
| Calcium | 44-1 | 50395.60 | 52340.29 | 51007.87 | 51247.92 | 1.94 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 268.18 | 272.64 | 265.96 | 268.93 | 1.27 | ppb |
| Cobalt | 59-2 | 7.51 | 7.34 | 7.49 | 7.45 | 1.23 | ppb |
| Copper | 63-2 | 59.20 | 59.97 | 59.83 | 59.67 | 0.69 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 164469.98 | 164694.86 | 165306.97 | 164823.94 | 0.26 | ppb |
| Iron | 57-2 | 162175.70 | 164628.32 | 162322.76 | 163042.26 | 0.84 | ppb |
| Iron | 54-2 | 165273.44 | 165603.79 | 163873.62 | 164916.95 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:33:45 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2540.54 | 2606.95 | 2550.07 | 2565.85 | 1.40 | ppb |
| Lead | 207-1 | 2367.77 | 2449.64 | 2454.61 | 2424.00 | 2.01 | ppb |
| Lead | 208-1 | 2420.49 | 2496.10 | 2486.41 | 2467.67 | 1.67 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 9531.36 | 9605.42 | 9572.97 | 9569.92 | 0.39 | ppb |
| Manganese | 55-2 | 5468.87 | 5552.33 | 5453.55 | 5491.58 | 0.97 | ppb |
| Molybdenum | 94-1 | 9.90 | 10.27 | 10.26 | 10.14 | 2.10 | ppb |
| Molybdenum | 95-1 | 8.85 | 8.92 | 9.18 | 8.98 | 1.92 | ppb |
| Molybdenum | 96-1 | 10.23 | 10.45 | 10.31 | 10.33 | 1.05 | ppb |
| Molybdenum | 97-1 | 8.82 | 9.02 | 9.09 | 8.98 | 1.54 | ppb |
| Molybdenum | 98-1 | 8.80 | 8.95 | 8.97 | 8.91 | 1.07 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 132.52 | 133.14 | 134.00 | 133.22 | 0.56 | ppb |
| Phosphorus | 31-2 | 565.33 | 552.79 | 539.38 | 552.50 | 2.35 | ppb |
| Potassium | 39-2 | 986.55 | 990.07 | 990.16 | 988.93 | 0.21 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 0.56 | 0.28 | -0.05 | 0.26 | 116.58 | ppb |
| Selenium | 77-2 | 1.46 | 1.78 | 1.65 | 1.63 | 10.02 | ppb |
| Selenium | 78-2 | -1.33 | -1.27 | -0.22 | -0.94 | | ppb |
| Silicon | 28-1 | 1312.63 | 1336.53 | 1306.76 | 1318.64 | 1.20 | ppb |
| Silver | 107-1 | 2.71 | 2.73 | 2.79 | 2.74 | 1.44 | ppb |
| Silver | 109-1 | 2.67 | 2.72 | 2.72 | 2.70 | 1.06 | ppb |
| Sodium | 23-2 | 346.72 | 348.73 | 348.02 | 347.82 | 0.29 | ppb |
| Strontium | 86-1 | 1678.67 | 1699.20 | 1706.61 | 1694.83 | 0.85 | ppb |
| Strontium | 88-1 | 1760.40 | 1753.19 | 1775.56 | 1763.05 | 0.65 | ppb |
| Sulfur | 34-1 | 675.28 | 860.47 | 810.54 | 782.10 | 12.25 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.96 | 0.97 | 0.97 | 0.97 | 0.92 | ppb |
| Thallium | 205-1 | 0.93 | 0.98 | 0.97 | 0.96 | 2.63 | ppb |
| Tin | 118-1 | 8.49 | 8.71 | 8.78 | 8.66 | 1.74 | ppb |
| Titanium | 47-1 | 192.15 | 197.76 | 192.59 | 194.17 | 1.61 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:33:45 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.38 | 0.40 | 0.40 | 0.39 | 3.18 | ppb |
| Vanadium | 51-2 | 26.51 | 26.69 | 26.69 | 26.63 | 0.38 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 12601.37 | 12673.49 | 12595.88 | 12623.58 | 0.34 | ppb |
| Zirconium | 90-1 | 1.46 | 1.52 | 1.47 | 1.48 | 1.88 | ppb |
| Zirconium | 91-1 | 1.49 | 1.52 | 1.50 | 1.50 | 1.04 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:36:52 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4794.49 | 4739.83 | 4791.23 | 4775.18 | 0.64 | ppb |
| Antimony | 121-1 | 1.76 | 1.69 | 1.74 | 1.73 | 2.05 | ppb |
| Arsenic | 75-2 | 13.95 | 14.24 | 14.13 | 14.11 | 1.03 | ppb |
| Barium | 135-1 | 120.71 | 120.88 | 120.06 | 120.55 | 0.36 | ppb |
| Barium | 137-1 | 122.58 | 122.60 | 121.49 | 122.23 | 0.52 | ppb |
| Beryllium | 9-1 | 1.00 | 0.89 | 0.90 | 0.93 | 6.40 | ppb |
| Bismuth | 209-1 | | | | 117 | | % |
| Bismuth | 209-2 | | | | 113 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 8.41 | 7.72 | 7.96 | 8.03 | 4.38 | ppb |
| Cadmium | 106-1 | 6.92 | 7.17 | 7.73 | 7.27 | 5.76 | ppb |
| Cadmium | 111-1 | 4.45 | 4.62 | 4.74 | 4.60 | 3.17 | ppb |
| Calcium | 43-1 | 51478.08 | 51489.40 | 51759.93 | 51575.80 | 0.31 | ppb |
| Calcium | 44-1 | 51358.04 | 51741.92 | 51664.44 | 51588.14 | 0.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 275.23 | 269.69 | 269.47 | 271.46 | 1.20 | ppb |
| Cobalt | 59-2 | 7.39 | 7.45 | 7.44 | 7.43 | 0.42 | ppb |
| Copper | 63-2 | 59.66 | 59.77 | 59.86 | 59.76 | 0.16 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 163686.65 | 165684.12 | 165008.55 | 164793.10 | 0.62 | ppb |
| Iron | 57-2 | 163257.02 | 165070.83 | 163021.73 | 163783.19 | 0.68 | ppb |
| Iron | 54-2 | 162982.61 | 168331.97 | 166371.22 | 165895.27 | 1.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:36:52 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2616.83 | 2593.44 | 2627.46 | 2612.58 | 0.67 | ppb |
| Lead | 207-1 | 2454.25 | 2436.82 | 2453.21 | 2448.09 | 0.40 | ppb |
| Lead | 208-1 | 2496.80 | 2497.69 | 2504.92 | 2499.80 | 0.18 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 9464.77 | 9553.22 | 9523.48 | 9513.83 | 0.47 | ppb |
| Manganese | 55-2 | 5406.07 | 5538.97 | 5487.93 | 5477.66 | 1.22 | ppb |
| Molybdenum | 94-1 | 10.31 | 10.43 | 10.23 | 10.32 | 1.00 | ppb |
| Molybdenum | 95-1 | 8.95 | 9.03 | 8.98 | 8.99 | 0.44 | ppb |
| Molybdenum | 96-1 | 10.35 | 10.34 | 10.34 | 10.34 | 0.08 | ppb |
| Molybdenum | 97-1 | 8.90 | 9.20 | 8.99 | 9.03 | 1.73 | ppb |
| Molybdenum | 98-1 | 8.96 | 9.03 | 9.04 | 9.01 | 0.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 133.44 | 134.50 | 133.99 | 133.98 | 0.39 | ppb |
| Phosphorus | 31-2 | 550.31 | 541.62 | 522.29 | 538.07 | 2.67 | ppb |
| Potassium | 39-2 | 982.05 | 994.89 | 983.22 | 986.72 | 0.72 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | -0.05 | 0.19 | 0.16 | 0.10 | 128.93 | ppb |
| Selenium | 77-2 | 1.13 | 1.15 | 1.81 | 1.37 | 28.37 | ppb |
| Selenium | 78-2 | -0.72 | 0.22 | -0.22 | -0.24 | | ppb |
| Silicon | 28-1 | 1316.97 | 1325.28 | 1325.19 | 1322.48 | 0.36 | ppb |
| Silver | 107-1 | 2.73 | 2.68 | 2.72 | 2.71 | 1.09 | ppb |
| Silver | 109-1 | 2.70 | 2.69 | 2.69 | 2.70 | 0.20 | ppb |
| Sodium | 23-2 | 343.75 | 347.44 | 344.60 | 345.26 | 0.56 | ppb |
| Strontium | 86-1 | 1717.69 | 1723.42 | 1718.88 | 1720.00 | 0.18 | ppb |
| Strontium | 88-1 | 1786.10 | 1758.38 | 1778.41 | 1774.30 | 0.81 | ppb |
| Sulfur | 34-1 | 740.33 | 726.49 | 762.75 | 743.19 | 2.46 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 1.01 | 0.92 | 0.96 | 0.96 | 4.33 | ppb |
| Thallium | 205-1 | 0.98 | 0.99 | 0.98 | 0.98 | 0.35 | ppb |
| Tin | 118-1 | 8.65 | 8.74 | 8.65 | 8.68 | 0.62 | ppb |
| Titanium | 47-1 | 193.54 | 196.39 | 197.26 | 195.73 | 0.99 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:36:52 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.40 | 0.40 | 0.40 | 0.40 | 1.17 | ppb |
| Vanadium | 51-2 | 26.61 | 26.63 | 26.75 | 26.66 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 12556.62 | 12551.24 | 12615.35 | 12574.40 | 0.28 | ppb |
| Zirconium | 90-1 | 1.47 | 1.54 | 1.52 | 1.51 | 2.49 | ppb |
| Zirconium | 91-1 | 1.49 | 1.51 | 1.58 | 1.53 | 2.93 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 16:40:05 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 946.62 | 949.11 | 948.88 | 948.20 | 0.14 | ppb |
| Antimony | 121-1 | 0.34 | 0.35 | 0.35 | 0.35 | 1.78 | ppb |
| Arsenic | 75-2 | 2.96 | 2.89 | 2.86 | 2.90 | 1.82 | ppb |
| Barium | 135-1 | 23.75 | 24.79 | 24.20 | 24.24 | 2.15 | ppb |
| Barium | 137-1 | 24.25 | 25.22 | 24.59 | 24.69 | 1.98 | ppb |
| Beryllium | 9-1 | 0.14 | 0.18 | 0.19 | 0.17 | 13.72 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.47 | 1.87 | 1.93 | 1.76 | 14.13 | ppb |
| Cadmium | 106-1 | 0.49 | 0.92 | 0.80 | 0.74 | 30.60 | ppb |
| Cadmium | 111-1 | 0.90 | 0.87 | 0.86 | 0.88 | 2.58 | ppb |
| Calcium | 43-1 | 10538.19 | 10741.48 | 11120.83 | 10800.17 | 2.74 | ppb |
| Calcium | 44-1 | 10117.19 | 10355.82 | 10340.27 | 10271.09 | 1.30 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 53.80 | 53.54 | 53.64 | 53.66 | 0.24 | ppb |
| Cobalt | 59-2 | 1.55 | 1.47 | 1.49 | 1.50 | 2.94 | ppb |
| Copper | 63-2 | 12.92 | 12.97 | 12.98 | 12.96 | 0.24 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 33672.89 | 33719.44 | 33497.28 | 33629.87 | 0.35 | ppb |
| Iron | 57-2 | 33252.96 | 32956.48 | 32774.19 | 32994.55 | 0.73 | ppb |
| Iron | 54-2 | 33931.70 | 33674.18 | 33728.43 | 33778.11 | 0.40 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 16:40:05 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 547.51 | 556.57 | 559.52 | 554.53 | 1.13 | ppb |
| Lead | 207-1 | 513.68 | 528.48 | 533.53 | 525.23 | 1.96 | ppb |
| Lead | 208-1 | 523.79 | 537.80 | 539.64 | 533.74 | 1.62 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 1891.27 | 1878.67 | 1876.95 | 1882.30 | 0.42 | ppb |
| Manganese | 55-2 | 1116.09 | 1117.53 | 1114.37 | 1116.00 | 0.14 | ppb |
| Molybdenum | 94-1 | 2.01 | 2.06 | 2.13 | 2.07 | 2.85 | ppb |
| Molybdenum | 95-1 | 1.74 | 1.85 | 1.84 | 1.81 | 3.29 | ppb |
| Molybdenum | 96-1 | 2.06 | 2.14 | 2.07 | 2.09 | 2.04 | ppb |
| Molybdenum | 97-1 | 1.66 | 1.84 | 1.85 | 1.78 | 6.16 | ppb |
| Molybdenum | 98-1 | 1.72 | 1.82 | 1.87 | 1.80 | 4.42 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 27.69 | 27.61 | 27.12 | 27.47 | 1.11 | ppb |
| Phosphorus | 31-2 | 87.65 | 98.51 | 97.96 | 94.71 | 6.46 | ppb |
| Potassium | 39-2 | 201.21 | 201.26 | 205.27 | 202.58 | 1.15 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | -0.05 | -0.53 | -0.61 | -0.39 | | ppb |
| Selenium | 77-2 | 0.01 | 0.01 | 0.01 | 0.01 | 8.86 | ppb |
| Selenium | 78-2 | -1.03 | -0.90 | 0.01 | -0.64 | | ppb |
| Silicon | 28-1 | 258.46 | 264.03 | 275.88 | 266.12 | 3.34 | ppb |
| Silver | 107-1 | 0.52 | 0.54 | 0.57 | 0.54 | 4.88 | ppb |
| Silver | 109-1 | 0.54 | 0.56 | 0.53 | 0.54 | 2.45 | ppb |
| Sodium | 23-2 | 77.40 | 77.37 | 77.83 | 77.53 | 0.33 | ppb |
| Strontium | 86-1 | 340.44 | 348.81 | 350.65 | 346.63 | 1.57 | ppb |
| Strontium | 88-1 | 337.89 | 351.78 | 353.64 | 347.77 | 2.47 | ppb |
| Sulfur | 34-1 | -92.49 | -73.37 | 66.13 | -33.24 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.20 | 0.21 | 0.20 | 0.20 | 3.47 | ppb |
| Thallium | 205-1 | 0.20 | 0.21 | 0.21 | 0.20 | 2.10 | ppb |
| Tin | 118-1 | 1.69 | 1.75 | 1.74 | 1.73 | 1.92 | ppb |
| Titanium | 47-1 | 38.26 | 38.83 | 39.97 | 39.02 | 2.23 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 16:40:05 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.08 | 0.09 | 0.08 | 0.08 | 8.29 | ppb |
| Vanadium | 51-2 | 5.25 | 5.36 | 5.27 | 5.29 | 1.13 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 2620.67 | 2611.36 | 2584.60 | 2605.55 | 0.72 | ppb |
| Zirconium | 90-1 | 0.29 | 0.29 | 0.30 | 0.29 | 2.12 | ppb |
| Zirconium | 91-1 | 0.30 | 0.31 | 0.31 | 0.31 | 2.22 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:43:13 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5667.69 | 5276.09 | 4885.32 | 5276.36 | 7.41 | ppb |
| Antimony | 121-1 | 12.12 | 12.13 | 12.46 | 12.24 | 1.56 | ppb |
| Arsenic | 75-2 | 22.72 | 19.68 | 18.82 | 20.40 | 10.05 | ppb |
| Barium | 135-1 | 319.85 | 319.26 | 322.61 | 320.58 | 0.56 | ppb |
| Barium | 137-1 | 343.41 | 347.97 | 346.14 | 345.84 | 0.66 | ppb |
| Beryllium | 9-1 | 6.08 | 5.97 | 6.18 | 6.07 | 1.76 | ppb |
| Bismuth | 209-1 | | | | 118 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 13.21 | 13.07 | 14.23 | 13.50 | 4.66 | ppb |
| Cadmium | 106-1 | 12.57 | 12.26 | 13.43 | 12.75 | 4.78 | ppb |
| Cadmium | 111-1 | 9.93 | 9.74 | 10.18 | 9.95 | 2.22 | ppb |
| Calcium | 43-1 | 51038.39 | 51240.16 | 52375.85 | 51551.47 | 1.40 | ppb |
| Calcium | 44-1 | 50724.64 | 50466.86 | 51436.54 | 50876.01 | 0.99 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 334.28 | 303.85 | 292.48 | 310.20 | 6.97 | ppb |
| Cobalt | 59-2 | 71.08 | 64.28 | 61.31 | 65.56 | 7.64 | ppb |
| Copper | 63-2 | 98.65 | 88.92 | 84.71 | 90.76 | 7.88 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 96 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 190511.02 | 172055.89 | 165683.40 | 176083.44 | 7.32 | ppb |
| Iron | 57-2 | 188729.06 | 169825.66 | 162095.62 | 173550.11 | 7.89 | ppb |
| Iron | 54-2 | 191124.00 | 173844.83 | 163592.87 | 176187.23 | 7.90 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:43:13 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2537.25 | 2576.38 | 2583.99 | 2565.88 | 0.98 | ppb |
| Lead | 207-1 | 2410.27 | 2397.42 | 2422.26 | 2409.98 | 0.52 | ppb |
| Lead | 208-1 | 2446.68 | 2463.79 | 2475.03 | 2461.83 | 0.58 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 10986.57 | 9969.16 | 9616.71 | 10190.82 | 6.98 | ppb |
| Manganese | 55-2 | 6370.47 | 5776.74 | 5555.52 | 5900.91 | 7.14 | ppb |
| Molybdenum | 94-1 | 10.18 | 10.24 | 10.15 | 10.19 | 0.45 | ppb |
| Molybdenum | 95-1 | 8.91 | 8.99 | 9.00 | 8.97 | 0.54 | ppb |
| Molybdenum | 96-1 | 10.19 | 10.34 | 10.38 | 10.31 | 0.96 | ppb |
| Molybdenum | 97-1 | 8.80 | 9.10 | 8.98 | 8.96 | 1.70 | ppb |
| Molybdenum | 98-1 | 8.82 | 8.84 | 8.98 | 8.88 | 0.99 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 215.62 | 196.57 | 185.58 | 199.26 | 7.63 | ppb |
| Phosphorus | 31-2 | 607.20 | 578.99 | 548.31 | 578.17 | 5.09 | ppb |
| Potassium | 39-2 | 1146.91 | 1035.65 | 980.61 | 1054.39 | 8.03 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 11.45 | 11.12 | 10.95 | 11.17 | 2.30 | ppb |
| Selenium | 77-2 | 17.66 | 14.63 | 11.19 | 14.49 | 22.32 | ppb |
| Selenium | 78-2 | 14.74 | 12.26 | 10.72 | 12.58 | 16.11 | ppb |
| Silicon | 28-1 | 1306.71 | 1311.31 | 1329.09 | 1315.70 | 0.90 | ppb |
| Silver | 107-1 | 7.98 | 8.13 | 8.08 | 8.06 | 0.91 | ppb |
| Silver | 109-1 | 8.05 | 8.02 | 8.06 | 8.04 | 0.27 | ppb |
| Sodium | 23-2 | 400.90 | 357.57 | 342.53 | 367.00 | 8.26 | ppb |
| Strontium | 86-1 | 1697.15 | 1711.42 | 1714.28 | 1707.62 | 0.54 | ppb |
| Strontium | 88-1 | 1768.57 | 1766.39 | 1787.79 | 1774.25 | 0.66 | ppb |
| Sulfur | 34-1 | 731.40 | 773.15 | 769.21 | 757.92 | 3.04 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 94 | | % |
| Thallium | 203-1 | 5.22 | 5.26 | 5.40 | 5.29 | 1.85 | ppb |
| Thallium | 205-1 | 5.17 | 5.30 | 5.34 | 5.27 | 1.76 | ppb |
| Tin | 118-1 | 8.42 | 8.52 | 8.66 | 8.53 | 1.41 | ppb |
| Titanium | 47-1 | 191.99 | 194.84 | 196.65 | 194.49 | 1.21 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:43:13 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.39 | 0.40 | 0.40 | 0.40 | 2.10 | ppb |
| Vanadium | 51-2 | 94.04 | 84.64 | 80.06 | 86.25 | 8.27 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 14820.92 | 13205.18 | 12464.88 | 13497.00 | 8.93 | ppb |
| Zirconium | 90-1 | 1.46 | 1.47 | 1.49 | 1.47 | 1.05 | ppb |
| Zirconium | 91-1 | 1.49 | 1.51 | 1.52 | 1.51 | 0.89 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:46:17 | DataFile Name : | 096CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 49842.42 | 49878.24 | 49924.21 | 49881.62 | 0.08 | ppb |
| Antimony | 121-1 | 482.72 | 485.42 | 483.51 | 483.88 | 0.29 | ppb |
| Arsenic | 75-2 | 487.35 | 483.63 | 477.54 | 482.84 | 1.03 | ppb |
| Barium | 135-1 | 2456.92 | 2441.42 | 2434.47 | 2444.27 | 0.47 | ppb |
| Barium | 137-1 | 2441.16 | 2435.74 | 2433.49 | 2436.80 | 0.16 | ppb |
| Beryllium | 9-1 | 473.39 | 480.51 | 468.42 | 474.11 | 1.28 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 477.20 | 481.81 | 474.31 | 477.77 | 0.79 | ppb |
| Cadmium | 106-1 | 474.97 | 474.69 | 475.89 | 475.18 | 0.13 | ppb |
| Cadmium | 111-1 | 453.30 | 454.06 | 453.53 | 453.63 | 0.09 | ppb |
| Calcium | 43-1 | 252363.52 | 254583.96 | 250610.75 | 252519.41 | 0.79 | ppb |
| Calcium | 44-1 | 250870.40 | 252451.15 | 251613.43 | 251644.99 | 0.31 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 496.56 | 491.82 | 499.66 | 496.01 | 0.80 | ppb |
| Cobalt | 59-2 | 487.29 | 492.41 | 490.05 | 489.92 | 0.52 | ppb |
| Copper | 63-2 | 4776.78 | 4832.51 | 4738.77 | 4782.69 | 0.99 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 94 | | % |
| Indium | 115-1 | | | | 87 | | % |
| Indium | 115-2 | | | | 82 | | % |
| Iron | 56-2 | 127558.94 | 129168.18 | 126706.23 | 127811.12 | 0.98 | ppb |
| Iron | 57-2 | 126561.69 | 127351.41 | 127782.64 | 127231.91 | 0.49 | ppb |
| Iron | 54-2 | 128569.69 | 127743.74 | 126373.39 | 127562.27 | 0.87 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:46:17 | DataFile Name : | 096CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2460.38 | 2487.03 | 2537.59 | 2495.00 | 1.57 | ppb |
| Lead | 207-1 | 2452.78 | 2471.04 | 2516.89 | 2480.24 | 1.33 | ppb |
| Lead | 208-1 | 2441.16 | 2488.01 | 2522.50 | 2483.89 | 1.64 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 236022.48 | 235124.42 | 234329.30 | 235158.73 | 0.36 | ppb |
| Manganese | 55-2 | 4952.28 | 4976.92 | 4893.36 | 4940.85 | 0.87 | ppb |
| Molybdenum | 94-1 | 4854.95 | 4996.28 | 4891.35 | 4914.20 | 1.49 | ppb |
| Molybdenum | 95-1 | 4836.51 | 4981.88 | 4873.70 | 4897.36 | 1.54 | ppb |
| Molybdenum | 96-1 | 4880.19 | 4985.23 | 4920.88 | 4928.76 | 1.07 | ppb |
| Molybdenum | 97-1 | 4877.69 | 5013.84 | 4891.35 | 4927.63 | 1.52 | ppb |
| Molybdenum | 98-1 | 4859.93 | 5011.50 | 4829.36 | 4900.26 | 1.99 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 462.37 | 461.32 | 461.42 | 461.70 | 0.13 | ppb |
| Phosphorus | 31-2 | 9796.93 | 9786.53 | 9614.75 | 9732.74 | 1.05 | ppb |
| Potassium | 39-2 | 121349.94 | 121310.98 | 122197.27 | 121619.40 | 0.41 | ppb |
| Rhodium | 103-1 | | | | 83 | | % |
| Rhodium | 103-2 | | | | 80 | | % |
| Scandium | 45-1 | | | | 87 | | % |
| Scandium | 45-2 | | | | 79 | | % |
| Selenium | 82-1 | 468.69 | 478.14 | 472.90 | 473.25 | 1.00 | ppb |
| Selenium | 77-2 | 468.90 | 478.29 | 470.56 | 472.58 | 1.06 | ppb |
| Selenium | 78-2 | 484.23 | 481.85 | 468.35 | 478.14 | 1.79 | ppb |
| Silicon | 28-1 | 195.82 | 201.71 | 201.06 | 199.53 | 1.62 | ppb |
| Silver | 107-1 | 483.98 | 472.53 | 474.71 | 477.07 | 1.27 | ppb |
| Silver | 109-1 | 475.44 | 473.88 | 477.14 | 475.49 | 0.34 | ppb |
| Sodium | 23-2 | 243903.27 | 244180.08 | 245533.17 | 244538.84 | 0.36 | ppb |
| Strontium | 86-1 | 12123.57 | 12345.15 | 12375.94 | 12281.55 | 1.12 | ppb |
| Strontium | 88-1 | 12211.26 | 12333.51 | 12338.21 | 12294.33 | 0.59 | ppb |
| Sulfur | 34-1 | 9548.45 | 9646.79 | 9530.37 | 9575.20 | 0.65 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 93 | | % |
| Thallium | 203-1 | 496.84 | 493.75 | 508.11 | 499.56 | 1.51 | ppb |
| Thallium | 205-1 | 491.32 | 490.57 | 503.91 | 495.27 | 1.51 | ppb |
| Tin | 118-1 | 486.15 | 485.68 | 492.45 | 488.09 | 0.77 | ppb |
| Titanium | 47-1 | 4871.47 | 4883.02 | 4840.50 | 4865.00 | 0.45 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:46:17 | DataFile Name : | 096CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 480.21 | 490.12 | 493.94 | 488.09 | 1.45 | ppb |
| Vanadium | 51-2 | 500.07 | 503.24 | 502.21 | 501.84 | 0.32 | ppb |
| Yttrium | 89-1 | | | | 90 | | % |
| Yttrium | 89-2 | | | | 83 | | % |
| Zinc | 66-2 | 4799.98 | 4730.24 | 4789.18 | 4773.13 | 0.79 | ppb |
| Zirconium | 90-1 | 481.18 | 492.95 | 490.60 | 488.24 | 1.28 | ppb |
| Zirconium | 91-1 | 484.33 | 501.60 | 495.43 | 493.79 | 1.77 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:48:59 | DataFile Name : | 097CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.89 | 0.54 | 0.45 | 0.63 | 36.62 | ppb |
| Antimony | 121-1 | 0.25 | 0.20 | 0.17 | 0.21 | 19.69 | ppb |
| Arsenic | 75-2 | -0.01 | -0.01 | 0.01 | 0.00 | | ppb |
| Barium | 135-1 | 0.35 | 0.18 | 0.08 | 0.20 | 67.60 | ppb |
| Barium | 137-1 | 0.38 | 0.14 | 0.09 | 0.20 | 75.50 | ppb |
| Beryllium | 9-1 | 0.11 | 0.08 | 0.05 | 0.08 | 36.02 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.06 | -0.02 | 0.03 | 0.03 | 151.13 | ppb |
| Cadmium | 106-1 | -1.97 | -1.57 | -1.66 | -1.73 | | ppb |
| Cadmium | 111-1 | -0.06 | -0.08 | -0.10 | -0.08 | | ppb |
| Calcium | 43-1 | 48.62 | 19.32 | 11.87 | 26.60 | 73.03 | ppb |
| Calcium | 44-1 | 37.65 | 15.71 | 6.43 | 19.93 | 80.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.02 | -0.04 | -0.02 | -0.02 | | ppb |
| Cobalt | 59-2 | 0.01 | 0.01 | 0.00 | 0.01 | 67.12 | ppb |
| Copper | 63-2 | 1.01 | 1.02 | 0.97 | 1.00 | 2.54 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 3.19 | 2.71 | 2.60 | 2.83 | 11.00 | ppb |
| Iron | 57-2 | 3.93 | 2.42 | 3.29 | 3.21 | 23.67 | ppb |
| Iron | 54-2 | 3.34 | 2.38 | 3.73 | 3.15 | 22.04 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:48:59 | DataFile Name : | 097CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.42 | 0.26 | 0.18 | 0.29 | 42.98 | ppb |
| Lead | 207-1 | 0.42 | 0.24 | 0.18 | 0.28 | 44.31 | ppb |
| Lead | 208-1 | 0.43 | 0.25 | 0.18 | 0.29 | 44.49 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 4.17 | 3.22 | 3.24 | 3.54 | 15.33 | ppb |
| Manganese | 55-2 | 0.18 | 0.16 | 0.14 | 0.16 | 10.86 | ppb |
| Molybdenum | 94-1 | 0.86 | 0.46 | 0.29 | 0.54 | 54.15 | ppb |
| Molybdenum | 95-1 | 0.84 | 0.40 | 0.27 | 0.50 | 59.22 | ppb |
| Molybdenum | 96-1 | 0.83 | 0.41 | 0.25 | 0.50 | 59.60 | ppb |
| Molybdenum | 97-1 | 0.87 | 0.42 | 0.24 | 0.51 | 63.10 | ppb |
| Molybdenum | 98-1 | 0.82 | 0.43 | 0.28 | 0.51 | 55.09 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.01 | -0.03 | -0.03 | -0.02 | | ppb |
| Phosphorus | 31-2 | -20.01 | -18.27 | -17.92 | -18.73 | | ppb |
| Potassium | 39-2 | 10.21 | 11.00 | 9.95 | 10.39 | 5.26 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | -0.79 | -0.61 | -0.64 | -0.68 | | ppb |
| Selenium | 77-2 | -0.16 | 0.02 | 0.03 | -0.04 | | ppb |
| Selenium | 78-2 | -1.23 | -1.16 | -1.15 | -1.18 | | ppb |
| Silicon | 28-1 | -16.40 | -16.67 | -16.26 | -16.44 | | ppb |
| Silver | 107-1 | 0.11 | 0.06 | 0.04 | 0.07 | 51.87 | ppb |
| Silver | 109-1 | 0.10 | 0.05 | 0.04 | 0.06 | 48.27 | ppb |
| Sodium | 23-2 | 18.27 | 17.59 | 16.22 | 17.36 | 6.02 | ppb |
| Strontium | 86-1 | 1.47 | 0.72 | -0.08 | 0.71 | 109.71 | ppb |
| Strontium | 88-1 | 1.86 | 0.78 | 0.47 | 1.04 | 70.36 | ppb |
| Sulfur | 34-1 | -157.10 | -248.44 | -115.18 | -173.57 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.10 | 0.06 | 0.05 | 0.07 | 35.86 | ppb |
| Thallium | 205-1 | 0.10 | 0.06 | 0.05 | 0.07 | 37.68 | ppb |
| Tin | 118-1 | 0.11 | 0.04 | 0.04 | 0.07 | 55.94 | ppb |
| Titanium | 47-1 | 0.75 | 0.31 | 0.17 | 0.41 | 74.15 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:48:59 | DataFile Name : | 097CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.06 | 0.03 | 0.02 | 0.04 | 58.86 | ppb |
| Vanadium | 51-2 | 0.01 | 0.00 | 0.01 | 0.01 | 41.18 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 0.31 | 0.34 | 0.30 | 0.32 | 6.84 | ppb |
| Zirconium | 90-1 | 0.09 | 0.05 | 0.04 | 0.06 | 42.40 | ppb |
| Zirconium | 91-1 | 0.11 | 0.06 | 0.05 | 0.07 | 45.64 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:29:12 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9960.47 | 9840.42 | 9855.63 | 9885.51 | 0.66 | ppb |
| Antimony | 121-1 | 3.62 | 3.74 | 3.73 | 3.70 | 1.78 | ppb |
| Arsenic | 75-2 | 29.64 | 29.40 | 29.46 | 29.50 | 0.43 | ppb |
| Barium | 135-1 | 249.06 | 253.04 | 254.68 | 252.26 | 1.15 | ppb |
| Barium | 137-1 | 251.06 | 257.27 | 260.31 | 256.21 | 1.84 | ppb |
| Beryllium | 9-1 | 1.97 | 1.99 | 2.05 | 2.01 | 2.20 | ppb |
| Bismuth | 209-1 | | | | 127 | | % |
| Bismuth | 209-2 | | | | 125 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 17.93 | 17.70 | 17.60 | 17.74 | 0.95 | ppb |
| Cadmium | 106-1 | 16.12 | 17.44 | 17.23 | 16.93 | 4.18 | ppb |
| Cadmium | 111-1 | 9.26 | 9.79 | 9.93 | 9.66 | 3.69 | ppb |
| Calcium | 43-1 | 104927.82 | 108082.72 | 108981.46 | 107330.67 | 1.98 | ppb |
| Calcium | 44-1 | 104620.58 | 107532.07 | 109953.44 | 107368.70 | 2.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 564.48 | 560.79 | 568.56 | 564.61 | 0.69 | ppb |
| Cobalt | 59-2 | 15.67 | 15.43 | 15.42 | 15.51 | 0.90 | ppb |
| Copper | 63-2 | 406.97 | 398.28 | 411.33 | 405.53 | 1.64 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 344828.48 | 345299.44 | 347405.30 | 345844.41 | 0.40 | ppb |
| Iron | 57-2 | 346266.40 | 341036.92 | 345860.33 | 344387.88 | 0.84 | ppb |
| Iron | 54-2 | 345156.73 | 348299.10 | 347722.04 | 347059.29 | 0.48 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:29:12 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4919.37 | 4953.70 | 4984.57 | 4952.54 | 0.66 | ppb |
| Lead | 207-1 | 4618.66 | 4662.49 | 4638.86 | 4640.00 | 0.47 | ppb |
| Lead | 208-1 | 4709.62 | 4759.22 | 4743.01 | 4737.28 | 0.53 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 20033.75 | 19640.78 | 19850.31 | 19841.62 | 0.99 | ppb |
| Manganese | 55-2 | 11496.07 | 11519.20 | 11611.44 | 11542.24 | 0.53 | ppb |
| Molybdenum | 94-1 | 20.70 | 20.98 | 21.33 | 21.01 | 1.50 | ppb |
| Molybdenum | 95-1 | 18.26 | 18.50 | 19.02 | 18.59 | 2.09 | ppb |
| Molybdenum | 96-1 | 21.18 | 21.24 | 21.83 | 21.42 | 1.70 | ppb |
| Molybdenum | 97-1 | 18.35 | 18.54 | 18.93 | 18.61 | 1.59 | ppb |
| Molybdenum | 98-1 | 18.28 | 18.45 | 18.89 | 18.54 | 1.70 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 845.63 | 839.18 | 840.83 | 841.88 | 0.40 | ppb |
| Phosphorus | 31-2 | 1180.97 | 1147.31 | 1125.15 | 1151.14 | 2.44 | ppb |
| Potassium | 39-2 | 1990.31 | 1996.12 | 1980.81 | 1989.08 | 0.39 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 1.53 | 0.95 | 0.93 | 1.13 | 30.14 | ppb |
| Selenium | 77-2 | 2.97 | 4.07 | 4.37 | 3.80 | 19.47 | ppb |
| Selenium | 78-2 | 1.09 | 1.93 | 0.67 | 1.23 | 52.16 | ppb |
| Silicon | 28-1 | 2627.53 | 2718.46 | 2806.86 | 2717.62 | 3.30 | ppb |
| Silver | 107-1 | 5.58 | 5.72 | 5.82 | 5.70 | 2.16 | ppb |
| Silver | 109-1 | 5.43 | 5.60 | 5.69 | 5.57 | 2.41 | ppb |
| Sodium | 23-2 | 716.31 | 699.64 | 704.42 | 706.79 | 1.21 | ppb |
| Strontium | 86-1 | 3465.25 | 3517.12 | 3608.94 | 3530.44 | 2.06 | ppb |
| Strontium | 88-1 | 3662.09 | 3708.15 | 3717.57 | 3695.94 | 0.80 | ppb |
| Sulfur | 34-1 | 1750.19 | 1840.46 | 1980.94 | 1857.20 | 6.26 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 1.87 | 1.93 | 1.92 | 1.91 | 1.77 | ppb |
| Thallium | 205-1 | 1.90 | 1.91 | 1.92 | 1.91 | 0.57 | ppb |
| Tin | 118-1 | 17.86 | 18.27 | 18.42 | 18.18 | 1.59 | ppb |
| Titanium | 47-1 | 390.81 | 407.88 | 412.16 | 403.62 | 2.80 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:29:12 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.75 | 0.77 | 0.75 | 0.76 | 1.23 | ppb |
| Vanadium | 51-2 | 55.83 | 56.06 | 55.94 | 55.94 | 0.21 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 26191.32 | 25761.22 | 25994.51 | 25982.35 | 0.83 | ppb |
| Zirconium | 90-1 | 3.02 | 3.05 | 3.17 | 3.08 | 2.54 | ppb |
| Zirconium | 91-1 | 3.15 | 3.05 | 3.18 | 3.12 | 2.20 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:32:11 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 48923.08 | 48405.68 | 48532.86 | 48620.54 | 0.55 | ppb |
| Antimony | 121-1 | 478.80 | 488.22 | 500.48 | 489.17 | 2.22 | ppb |
| Arsenic | 75-2 | 478.77 | 469.77 | 475.65 | 474.73 | 0.96 | ppb |
| Barium | 135-1 | 2399.64 | 2437.73 | 2521.50 | 2452.96 | 2.54 | ppb |
| Barium | 137-1 | 2401.25 | 2466.37 | 2536.86 | 2468.16 | 2.75 | ppb |
| Beryllium | 9-1 | 478.00 | 502.81 | 505.32 | 495.38 | 3.05 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 466.38 | 478.96 | 486.89 | 477.41 | 2.17 | ppb |
| Cadmium | 106-1 | 472.05 | 479.37 | 497.31 | 482.91 | 2.69 | ppb |
| Cadmium | 111-1 | 449.62 | 452.57 | 471.40 | 457.86 | 2.58 | ppb |
| Calcium | 43-1 | 247432.98 | 251915.19 | 261719.99 | 253689.39 | 2.88 | ppb |
| Calcium | 44-1 | 245559.33 | 250141.01 | 261027.08 | 252242.47 | 3.15 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 496.02 | 490.57 | 492.77 | 493.12 | 0.56 | ppb |
| Cobalt | 59-2 | 485.97 | 483.96 | 488.86 | 486.26 | 0.51 | ppb |
| Copper | 63-2 | 4768.55 | 4752.67 | 4725.63 | 4748.95 | 0.46 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 96 | | % |
| Indium | 115-1 | | | | 87 | | % |
| Indium | 115-2 | | | | 83 | | % |
| Iron | 56-2 | 126722.16 | 126133.76 | 127164.03 | 126673.32 | 0.41 | ppb |
| Iron | 57-2 | 125932.33 | 124834.61 | 126690.14 | 125819.03 | 0.74 | ppb |
| Iron | 54-2 | 125966.34 | 126070.02 | 125711.97 | 125916.11 | 0.15 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:32:11 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2457.31 | 2526.55 | 2601.56 | 2528.47 | 2.85 | ppb |
| Lead | 207-1 | 2425.73 | 2491.88 | 2568.34 | 2495.31 | 2.86 | ppb |
| Lead | 208-1 | 2425.21 | 2491.12 | 2577.34 | 2497.89 | 3.05 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 236497.08 | 232801.13 | 235966.29 | 235088.17 | 0.85 | ppb |
| Manganese | 55-2 | 4907.27 | 4853.58 | 4911.25 | 4890.70 | 0.66 | ppb |
| Molybdenum | 94-1 | 4720.23 | 4865.01 | 5099.59 | 4894.94 | 3.91 | ppb |
| Molybdenum | 95-1 | 4720.29 | 4884.92 | 5097.39 | 4900.87 | 3.86 | ppb |
| Molybdenum | 96-1 | 4715.16 | 4916.86 | 5123.37 | 4918.47 | 4.15 | ppb |
| Molybdenum | 97-1 | 4725.03 | 4936.22 | 5089.52 | 4916.92 | 3.72 | ppb |
| Molybdenum | 98-1 | 4700.27 | 4905.17 | 5045.18 | 4883.54 | 3.55 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 458.13 | 454.26 | 457.10 | 456.50 | 0.44 | ppb |
| Phosphorus | 31-2 | 9789.16 | 9750.26 | 9814.52 | 9784.64 | 0.33 | ppb |
| Potassium | 39-2 | 121060.43 | 121151.23 | 121761.69 | 121324.45 | 0.31 | ppb |
| Rhodium | 103-1 | | | | 83 | | % |
| Rhodium | 103-2 | | | | 80 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 80 | | % |
| Selenium | 82-1 | 449.17 | 467.15 | 492.62 | 469.64 | 4.65 | ppb |
| Selenium | 77-2 | 479.31 | 465.73 | 471.53 | 472.19 | 1.44 | ppb |
| Selenium | 78-2 | 472.94 | 463.52 | 479.82 | 472.09 | 1.73 | ppb |
| Silicon | 28-1 | 425.49 | 438.86 | 455.75 | 440.03 | 3.45 | ppb |
| Silver | 107-1 | 469.83 | 478.93 | 493.43 | 480.73 | 2.48 | ppb |
| Silver | 109-1 | 468.86 | 472.56 | 490.35 | 477.26 | 2.41 | ppb |
| Sodium | 23-2 | 242867.84 | 239625.69 | 244505.09 | 242332.88 | 1.02 | ppb |
| Strontium | 86-1 | 11933.00 | 12157.24 | 12604.65 | 12231.63 | 2.80 | ppb |
| Strontium | 88-1 | 11911.02 | 12275.74 | 12693.84 | 12293.53 | 3.19 | ppb |
| Sulfur | 34-1 | 9370.43 | 9660.52 | 10260.84 | 9763.93 | 4.65 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 94 | | % |
| Thallium | 203-1 | 493.29 | 498.77 | 514.89 | 502.32 | 2.23 | ppb |
| Thallium | 205-1 | 494.80 | 501.00 | 513.94 | 503.24 | 1.94 | ppb |
| Tin | 118-1 | 475.17 | 483.75 | 502.41 | 487.11 | 2.86 | ppb |
| Titanium | 47-1 | 4704.54 | 4822.69 | 4991.09 | 4839.44 | 2.98 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:32:11 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 468.16 | 480.57 | 503.56 | 484.09 | 3.71 | ppb |
| Vanadium | 51-2 | 507.35 | 491.27 | 489.73 | 496.12 | 1.97 | ppb |
| Yttrium | 89-1 | | | | 91 | | % |
| Yttrium | 89-2 | | | | 84 | | % |
| Zinc | 66-2 | 4717.01 | 4661.40 | 4758.55 | 4712.32 | 1.03 | ppb |
| Zirconium | 90-1 | 473.75 | 486.08 | 504.94 | 488.26 | 3.22 | ppb |
| Zirconium | 91-1 | 477.27 | 489.77 | 511.97 | 493.00 | 3.57 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:34:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1.63 | 1.12 | 0.96 | 1.24 | 28.53 | ppb |
| Antimony | 121-1 | 0.27 | 0.21 | 0.17 | 0.22 | 23.14 | ppb |
| Arsenic | 75-2 | -0.01 | 0.00 | -0.02 | -0.01 | | ppb |
| Barium | 135-1 | 0.54 | 0.22 | 0.14 | 0.30 | 71.03 | ppb |
| Barium | 137-1 | 0.51 | 0.25 | 0.14 | 0.30 | 63.94 | ppb |
| Beryllium | 9-1 | 0.14 | 0.09 | 0.07 | 0.10 | 33.98 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.20 | 0.14 | 0.00 | 0.11 | 89.98 | ppb |
| Cadmium | 106-1 | -1.48 | -1.91 | -2.05 | -1.81 | | ppb |
| Cadmium | 111-1 | 0.03 | -0.09 | -0.11 | -0.06 | | ppb |
| Calcium | 43-1 | 54.03 | 26.41 | 17.94 | 32.79 | 57.55 | ppb |
| Calcium | 44-1 | 50.19 | 23.30 | 12.33 | 28.61 | 68.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.02 | -0.02 | 0.00 | -0.01 | | ppb |
| Cobalt | 59-2 | 0.02 | 0.01 | 0.00 | 0.01 | 77.35 | ppb |
| Copper | 63-2 | 1.07 | 0.98 | 1.06 | 1.04 | 4.71 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 5.41 | 4.64 | 4.00 | 4.68 | 15.07 | ppb |
| Iron | 57-2 | 3.74 | 5.50 | 3.76 | 4.33 | 23.26 | ppb |
| Iron | 54-2 | 6.62 | 5.35 | 7.69 | 6.55 | 17.89 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:34:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.60 | 0.31 | 0.22 | 0.38 | 51.63 | ppb |
| Lead | 207-1 | 0.52 | 0.32 | 0.20 | 0.35 | 46.49 | ppb |
| Lead | 208-1 | 0.55 | 0.31 | 0.22 | 0.36 | 48.07 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 6.40 | 5.65 | 4.45 | 5.50 | 17.81 | ppb |
| Manganese | 55-2 | 0.20 | 0.20 | 0.18 | 0.20 | 6.17 | ppb |
| Molybdenum | 94-1 | 1.04 | 0.57 | 0.37 | 0.66 | 52.21 | ppb |
| Molybdenum | 95-1 | 1.04 | 0.59 | 0.35 | 0.66 | 52.63 | ppb |
| Molybdenum | 96-1 | 1.55 | 0.55 | 0.35 | 0.82 | 78.57 | ppb |
| Molybdenum | 97-1 | 1.66 | 0.58 | 0.32 | 0.85 | 83.29 | ppb |
| Molybdenum | 98-1 | 1.61 | 0.55 | 0.36 | 0.84 | 80.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.03 | 0.01 | 0.02 | 0.00 | 1879.15 | ppb |
| Phosphorus | 31-2 | -16.51 | -14.70 | -19.33 | -16.85 | | ppb |
| Potassium | 39-2 | 12.47 | 11.43 | 11.13 | 11.67 | 6.01 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 0.00 | -0.38 | -0.37 | -0.25 | | ppb |
| Selenium | 77-2 | -0.16 | 0.03 | -0.16 | -0.10 | | ppb |
| Selenium | 78-2 | -2.65 | -0.87 | -1.57 | -1.70 | | ppb |
| Silicon | 28-1 | -16.11 | -16.40 | -15.24 | -15.92 | | ppb |
| Silver | 107-1 | 0.17 | 0.08 | 0.05 | 0.10 | 64.07 | ppb |
| Silver | 109-1 | 0.15 | 0.06 | 0.05 | 0.09 | 60.83 | ppb |
| Sodium | 23-2 | 21.40 | 19.66 | 19.13 | 20.06 | 5.93 | ppb |
| Strontium | 86-1 | 2.17 | 1.07 | 0.47 | 1.24 | 69.32 | ppb |
| Strontium | 88-1 | 2.33 | 1.26 | 0.72 | 1.44 | 57.12 | ppb |
| Sulfur | 34-1 | -179.61 | -163.23 | -111.96 | -151.60 | | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.12 | 0.08 | 0.05 | 0.09 | 39.29 | ppb |
| Thallium | 205-1 | 0.12 | 0.08 | 0.06 | 0.09 | 35.50 | ppb |
| Tin | 118-1 | 0.13 | 0.08 | 0.03 | 0.08 | 60.78 | ppb |
| Titanium | 47-1 | 0.87 | 0.50 | 0.29 | 0.55 | 53.62 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:34:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.08 | 0.05 | 0.02 | 0.05 | 53.78 | ppb |
| Vanadium | 51-2 | 0.00 | 0.01 | 0.01 | 0.01 | 41.25 | ppb |
| Yttrium | 89-1 | | | | 91 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 0.45 | 0.48 | 0.42 | 0.45 | 6.75 | ppb |
| Zirconium | 90-1 | 0.12 | 0.08 | 0.05 | 0.08 | 42.14 | ppb |
| Zirconium | 91-1 | 0.13 | 0.09 | 0.05 | 0.09 | 42.18 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:28:21 | DataFile Name : | 101CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.45 | 0.49 | 0.43 | 0.46 | 6.79 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 19.30 | ppb |
| Arsenic | 75-2 | -0.01 | -0.01 | -0.02 | -0.01 | | ppb |
| Barium | 135-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.01 | 0.00 | 199.04 | ppb |
| Beryllium | 9-1 | -0.02 | 0.00 | 0.02 | 0.00 | 2674.47 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.06 | 0.00 | -0.03 | 0.01 | 483.91 | ppb |
| Cadmium | 106-1 | -2.01 | -1.61 | -2.28 | -1.97 | | ppb |
| Cadmium | 111-1 | -0.14 | -0.12 | -0.16 | -0.14 | | ppb |
| Calcium | 43-1 | 3.08 | 2.07 | 1.93 | 2.36 | 26.66 | ppb |
| Calcium | 44-1 | -4.43 | -4.32 | -4.89 | -4.55 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.03 | -0.02 | -0.03 | -0.03 | | ppb |
| Cobalt | 59-2 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.50 | 0.53 | 0.56 | 0.53 | 5.33 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 0.47 | 0.45 | 0.47 | 0.46 | 3.11 | ppb |
| Iron | 57-2 | 0.91 | 0.35 | 1.37 | 0.88 | 58.69 | ppb |
| Iron | 54-2 | 1.13 | 1.22 | 1.72 | 1.36 | 23.40 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:28:21 | DataFile Name : | 101CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.01 | 0.01 | 0.01 | 0.01 | 30.95 | ppb |
| Lead | 207-1 | 0.02 | 0.02 | 0.02 | 0.02 | 5.41 | ppb |
| Lead | 208-1 | 0.02 | 0.01 | 0.01 | 0.01 | 8.02 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 0.48 | 0.50 | 0.40 | 0.46 | 11.42 | ppb |
| Manganese | 55-2 | 0.01 | 0.02 | 0.02 | 0.02 | 37.34 | ppb |
| Molybdenum | 94-1 | 0.01 | -0.01 | 0.00 | 0.00 | 298.52 | ppb |
| Molybdenum | 95-1 | 0.00 | 0.00 | 0.00 | 0.00 | 82.20 | ppb |
| Molybdenum | 96-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Molybdenum | 97-1 | 0.00 | 0.00 | 0.01 | 0.00 | 102.27 | ppb |
| Molybdenum | 98-1 | 0.00 | 0.01 | 0.00 | 0.01 | 73.75 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.03 | -0.03 | -0.05 | -0.04 | | ppb |
| Phosphorus | 31-2 | -17.01 | -18.45 | -16.21 | -17.22 | | ppb |
| Potassium | 39-2 | 0.11 | 1.28 | 1.29 | 0.89 | 75.47 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.08 | -0.47 | -0.23 | -0.21 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | 0.72 | -0.33 | -0.11 | 0.09 | 603.34 | ppb |
| Silicon | 28-1 | -8.59 | -8.40 | -9.10 | -8.70 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Sodium | 23-2 | -2.71 | -3.15 | -2.43 | -2.77 | | ppb |
| Strontium | 86-1 | -0.35 | -0.32 | 0.10 | -0.19 | | ppb |
| Strontium | 88-1 | 0.01 | 0.02 | -0.02 | 0.01 | 301.93 | ppb |
| Sulfur | 34-1 | 41.44 | 86.72 | -25.37 | 34.26 | 164.58 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Tin | 118-1 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |
| Titanium | 47-1 | 0.02 | 0.02 | 0.03 | 0.02 | 21.01 | ppb |

Reviewed By:Mohan
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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:28:21 | DataFile Name : | 101CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 129.41 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 68.22 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 0.12 | 0.18 | 0.14 | 0.14 | 21.58 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 87.90 | ppb |
| Zirconium | 91-1 | 0.00 | 0.01 | 0.00 | 0.00 | 174.61 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:36:20 | DataFile Name : | 103LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 34.30 | 34.01 | 34.42 | 34.24 | 0.63 | ppb |
| Antimony | 121-1 | 3.57 | 3.56 | 3.58 | 3.57 | 0.41 | ppb |
| Arsenic | 75-2 | 1.85 | 2.03 | 2.05 | 1.98 | 5.60 | ppb |
| Barium | 135-1 | 17.31 | 16.88 | 17.07 | 17.09 | 1.25 | ppb |
| Barium | 137-1 | 17.23 | 17.54 | 17.75 | 17.51 | 1.51 | ppb |
| Beryllium | 9-1 | 2.10 | 2.03 | 2.09 | 2.07 | 1.69 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.81 | 1.91 | 1.97 | 1.90 | 4.15 | ppb |
| Cadmium | 106-1 | 0.16 | 0.25 | 0.06 | 0.16 | 58.56 | ppb |
| Cadmium | 111-1 | 1.74 | 1.71 | 1.80 | 1.75 | 2.48 | ppb |
| Calcium | 43-1 | 922.06 | 943.21 | 946.49 | 937.26 | 1.41 | ppb |
| Calcium | 44-1 | 933.72 | 929.57 | 943.68 | 935.66 | 0.78 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.43 | 3.48 | 3.52 | 3.48 | 1.34 | ppb |
| Cobalt | 59-2 | 1.81 | 1.84 | 1.79 | 1.82 | 1.42 | ppb |
| Copper | 63-2 | 4.51 | 4.55 | 4.60 | 4.56 | 0.98 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 367.86 | 373.15 | 369.76 | 370.26 | 0.72 | ppb |
| Iron | 57-2 | 371.11 | 376.82 | 376.29 | 374.74 | 0.84 | ppb |
| Iron | 54-2 | 371.88 | 386.03 | 379.79 | 379.23 | 1.87 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:36:20 | DataFile Name : | 103LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.64 | 1.62 | 1.67 | 1.64 | 1.45 | ppb |
| Lead | 207-1 | 1.57 | 1.58 | 1.58 | 1.58 | 0.34 | ppb |
| Lead | 208-1 | 1.58 | 1.59 | 1.64 | 1.60 | 1.96 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 808.99 | 812.23 | 815.68 | 812.30 | 0.41 | ppb |
| Manganese | 55-2 | 1.79 | 1.89 | 1.81 | 1.83 | 2.93 | ppb |
| Molybdenum | 94-1 | 10.16 | 10.10 | 10.18 | 10.15 | 0.42 | ppb |
| Molybdenum | 95-1 | 8.51 | 8.55 | 8.54 | 8.53 | 0.20 | ppb |
| Molybdenum | 96-1 | 8.71 | 8.78 | 8.76 | 8.75 | 0.42 | ppb |
| Molybdenum | 97-1 | 8.49 | 8.89 | 8.55 | 8.64 | 2.45 | ppb |
| Molybdenum | 98-1 | 8.42 | 8.79 | 8.60 | 8.60 | 2.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.78 | 1.87 | 1.71 | 1.79 | 4.53 | ppb |
| Phosphorus | 31-2 | 26.28 | 25.46 | 30.03 | 27.26 | 8.95 | ppb |
| Potassium | 39-2 | 907.43 | 923.78 | 926.75 | 919.32 | 1.13 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 8.95 | 9.32 | 8.86 | 9.04 | 2.74 | ppb |
| Selenium | 77-2 | 8.52 | 9.26 | 10.50 | 9.42 | 10.61 | ppb |
| Selenium | 78-2 | 7.89 | 9.94 | 8.31 | 8.71 | 12.43 | ppb |
| Silicon | 28-1 | 0.23 | -1.07 | 0.06 | -0.26 | | ppb |
| Silver | 107-1 | 1.83 | 1.94 | 1.99 | 1.92 | 4.25 | ppb |
| Silver | 109-1 | 1.81 | 1.89 | 1.89 | 1.86 | 2.30 | ppb |
| Sodium | 23-2 | 832.34 | 845.03 | 841.85 | 839.74 | 0.79 | ppb |
| Strontium | 86-1 | 42.76 | 42.72 | 42.70 | 42.72 | 0.07 | ppb |
| Strontium | 88-1 | 42.69 | 43.84 | 43.89 | 43.47 | 1.56 | ppb |
| Sulfur | 34-1 | 170.06 | 95.17 | 172.93 | 146.05 | 30.19 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 1.59 | 1.53 | 1.60 | 1.57 | 2.46 | ppb |
| Thallium | 205-1 | 1.56 | 1.56 | 1.59 | 1.57 | 1.34 | ppb |
| Tin | 118-1 | 8.93 | 8.88 | 9.20 | 9.00 | 1.90 | ppb |
| Titanium | 47-1 | 2.08 | 2.08 | 2.03 | 2.06 | 1.48 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:36:20 | DataFile Name : | 103LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.39 | 1.38 | 1.39 | 1.38 | 0.38 | ppb |
| Vanadium | 51-2 | 8.97 | 9.04 | 9.08 | 9.03 | 0.61 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 8.57 | 9.27 | 9.17 | 9.00 | 4.15 | ppb |
| Zirconium | 90-1 | 1.66 | 1.72 | 1.71 | 1.70 | 1.93 | ppb |
| Zirconium | 91-1 | 1.73 | 1.71 | 1.72 | 1.72 | 0.55 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2904 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:46:14 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3331.00 | 3339.56 | 3354.30 | 3341.62 | 0.35 | ppb |
| Antimony | 121-1 | 0.35 | 0.34 | 0.36 | 0.35 | 2.63 | ppb |
| Arsenic | 75-2 | 8.92 | 8.72 | 8.89 | 8.85 | 1.23 | ppb |
| Barium | 135-1 | 26.36 | 27.22 | 27.25 | 26.95 | 1.88 | ppb |
| Barium | 137-1 | 26.96 | 27.39 | 27.20 | 27.18 | 0.79 | ppb |
| Beryllium | 9-1 | 0.31 | 0.28 | 0.29 | 0.29 | 5.96 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.48 | 0.70 | 0.85 | 0.68 | 27.07 | ppb |
| Cadmium | 106-1 | -1.73 | -0.98 | -1.28 | -1.33 | | ppb |
| Cadmium | 111-1 | 0.37 | 0.42 | 0.38 | 0.39 | 5.90 | ppb |
| Calcium | 43-1 | 113961.30 | 117538.98 | 114761.97 | 115420.75 | 1.63 | ppb |
| Calcium | 44-1 | 114794.21 | 116338.65 | 113802.77 | 114978.54 | 1.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 49.17 | 49.56 | 50.34 | 49.69 | 1.20 | ppb |
| Cobalt | 59-2 | 6.09 | 6.12 | 6.18 | 6.13 | 0.82 | ppb |
| Copper | 63-2 | 16.96 | 17.21 | 17.31 | 17.16 | 1.07 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 16211.10 | 16321.48 | 16137.73 | 16223.44 | 0.57 | ppb |
| Iron | 57-2 | 16740.31 | 16783.81 | 16861.89 | 16795.34 | 0.37 | ppb |
| Iron | 54-2 | 16399.36 | 16268.09 | 16420.17 | 16362.54 | 0.50 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2904 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:46:14 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 25.24 | 25.29 | 25.40 | 25.31 | 0.33 | ppb |
| Lead | 207-1 | 22.86 | 23.11 | 23.15 | 23.04 | 0.69 | ppb |
| Lead | 208-1 | 23.59 | 23.74 | 23.86 | 23.73 | 0.58 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 23767.20 | 24011.23 | 24219.20 | 23999.21 | 0.94 | ppb |
| Manganese | 55-2 | 513.72 | 513.19 | 531.03 | 519.31 | 1.95 | ppb |
| Molybdenum | 94-1 | 3.66 | 3.83 | 3.85 | 3.78 | 2.71 | ppb |
| Molybdenum | 95-1 | 2.01 | 2.02 | 2.07 | 2.03 | 1.48 | ppb |
| Molybdenum | 96-1 | 2.22 | 2.34 | 2.37 | 2.31 | 3.51 | ppb |
| Molybdenum | 97-1 | 1.96 | 2.05 | 1.97 | 1.99 | 2.34 | ppb |
| Molybdenum | 98-1 | 1.96 | 2.03 | 2.09 | 2.03 | 3.09 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 32.44 | 33.09 | 32.79 | 32.77 | 0.98 | ppb |
| Phosphorus | 31-2 | 594.76 | 588.00 | 611.37 | 598.04 | 2.01 | ppb |
| Potassium | 39-2 | 730.45 | 742.43 | 747.25 | 740.04 | 1.17 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 0.64 | 0.38 | 0.55 | 0.52 | 25.31 | ppb |
| Selenium | 77-2 | 4.38 | 3.77 | 4.76 | 4.31 | 11.60 | ppb |
| Selenium | 78-2 | 0.40 | -0.78 | 0.21 | -0.06 | | ppb |
| Silicon | 28-1 | 744.91 | 765.53 | 740.40 | 750.28 | 1.79 | ppb |
| Silver | 107-1 | 0.13 | 0.11 | 0.09 | 0.11 | 17.72 | ppb |
| Silver | 109-1 | 0.12 | 0.10 | 0.09 | 0.10 | 14.12 | ppb |
| Sodium | 23-2 | 131.58 | 135.71 | 136.73 | 134.67 | 2.02 | ppb |
| Strontium | 86-1 | 2532.85 | 2619.19 | 2632.41 | 2594.82 | 2.08 | ppb |
| Strontium | 88-1 | 2670.47 | 2684.77 | 2714.44 | 2689.89 | 0.83 | ppb |
| Sulfur | 34-1 | 399.67 | 556.22 | 460.57 | 472.15 | 16.71 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.20 | 0.20 | 0.17 | 0.19 | 7.13 | ppb |
| Thallium | 205-1 | 0.22 | 0.19 | 0.17 | 0.19 | 12.28 | ppb |
| Tin | 118-1 | 0.68 | 0.66 | 0.65 | 0.66 | 2.12 | ppb |
| Titanium | 47-1 | 81.98 | 85.55 | 83.21 | 83.58 | 2.16 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2904 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:46:14 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.65 | 0.66 | 0.65 | 0.65 | 0.75 | ppb |
| Vanadium | 51-2 | 14.45 | 14.70 | 14.63 | 14.59 | 0.88 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 138.01 | 138.73 | 140.78 | 139.18 | 1.03 | ppb |
| Zirconium | 90-1 | 1.18 | 1.22 | 1.25 | 1.21 | 2.72 | ppb |
| Zirconium | 91-1 | 1.19 | 1.23 | 1.21 | 1.21 | 1.62 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2905 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:49:26 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4271.91 | 4291.26 | 4265.64 | 4276.27 | 0.31 | ppb |
| Antimony | 121-1 | 0.39 | 0.40 | 0.38 | 0.39 | 2.37 | ppb |
| Arsenic | 75-2 | 9.39 | 9.47 | 9.35 | 9.40 | 0.62 | ppb |
| Barium | 135-1 | 33.49 | 34.02 | 33.95 | 33.82 | 0.85 | ppb |
| Barium | 137-1 | 34.53 | 34.55 | 34.28 | 34.45 | 0.44 | ppb |
| Beryllium | 9-1 | 0.42 | 0.43 | 0.39 | 0.41 | 5.77 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.78 | 1.04 | 0.90 | 0.91 | 14.17 | ppb |
| Cadmium | 106-1 | 0.42 | -0.83 | -0.10 | -0.17 | | ppb |
| Cadmium | 111-1 | 0.64 | 0.59 | 0.64 | 0.62 | 5.16 | ppb |
| Calcium | 43-1 | 122123.73 | 121661.69 | 121162.76 | 121649.39 | 0.40 | ppb |
| Calcium | 44-1 | 121879.10 | 122530.04 | 120727.49 | 121712.21 | 0.75 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19.76 | 19.66 | 19.93 | 19.79 | 0.69 | ppb |
| Cobalt | 59-2 | 7.04 | 7.06 | 7.02 | 7.04 | 0.30 | ppb |
| Copper | 63-2 | 21.55 | 21.25 | 21.45 | 21.42 | 0.72 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 19444.49 | 19616.24 | 19549.55 | 19536.76 | 0.44 | ppb |
| Iron | 57-2 | 20102.77 | 20077.90 | 19841.38 | 20007.35 | 0.72 | ppb |
| Iron | 54-2 | 19448.74 | 19787.31 | 19718.35 | 19651.46 | 0.91 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2905 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:49:26 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 30.16 | 30.56 | 30.62 | 30.45 | 0.81 | ppb |
| Lead | 207-1 | 27.82 | 27.81 | 27.72 | 27.78 | 0.20 | ppb |
| Lead | 208-1 | 28.37 | 28.73 | 28.76 | 28.62 | 0.75 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 23989.02 | 23881.06 | 24142.69 | 24004.26 | 0.55 | ppb |
| Manganese | 55-2 | 673.05 | 670.48 | 669.07 | 670.87 | 0.30 | ppb |
| Molybdenum | 94-1 | 4.60 | 4.53 | 4.49 | 4.54 | 1.32 | ppb |
| Molybdenum | 95-1 | 2.31 | 2.35 | 2.33 | 2.33 | 0.93 | ppb |
| Molybdenum | 96-1 | 2.68 | 2.70 | 2.78 | 2.72 | 1.85 | ppb |
| Molybdenum | 97-1 | 2.39 | 2.30 | 2.35 | 2.35 | 1.77 | ppb |
| Molybdenum | 98-1 | 2.32 | 2.34 | 2.36 | 2.34 | 0.87 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 19.24 | 19.29 | 19.14 | 19.23 | 0.40 | ppb |
| Phosphorus | 31-2 | 664.34 | 661.47 | 674.14 | 666.65 | 1.00 | ppb |
| Potassium | 39-2 | 995.36 | 998.03 | 1000.48 | 997.96 | 0.26 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.68 | 0.66 | 0.27 | 0.54 | 43.29 | ppb |
| Selenium | 77-2 | 4.62 | 5.09 | 5.45 | 5.05 | 8.20 | ppb |
| Selenium | 78-2 | 0.34 | -0.60 | 0.83 | 0.19 | 379.48 | ppb |
| Silicon | 28-1 | 980.44 | 978.60 | 983.76 | 980.93 | 0.27 | ppb |
| Silver | 107-1 | 0.09 | 0.10 | 0.09 | 0.09 | 3.38 | ppb |
| Silver | 109-1 | 0.10 | 0.10 | 0.09 | 0.09 | 4.62 | ppb |
| Sodium | 23-2 | 150.39 | 151.01 | 153.38 | 151.59 | 1.04 | ppb |
| Strontium | 86-1 | 2487.02 | 2549.17 | 2525.59 | 2520.59 | 1.24 | ppb |
| Strontium | 88-1 | 2568.11 | 2637.06 | 2640.80 | 2615.32 | 1.57 | ppb |
| Sulfur | 34-1 | 668.90 | 661.59 | 610.72 | 647.07 | 4.90 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.16 | 0.17 | 0.17 | 0.17 | 2.76 | ppb |
| Thallium | 205-1 | 0.16 | 0.17 | 0.17 | 0.17 | 2.34 | ppb |
| Tin | 118-1 | 0.75 | 0.77 | 0.75 | 0.76 | 1.78 | ppb |
| Titanium | 47-1 | 107.18 | 112.66 | 106.42 | 108.75 | 3.13 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2905 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:49:26 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.77 | 0.77 | 0.79 | 0.78 | 1.75 | ppb |
| Vanadium | 51-2 | 18.56 | 18.37 | 18.66 | 18.53 | 0.78 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 167.78 | 165.90 | 166.37 | 166.68 | 0.59 | ppb |
| Zirconium | 90-1 | 1.39 | 1.42 | 1.42 | 1.41 | 0.91 | ppb |
| Zirconium | 91-1 | 1.37 | 1.49 | 1.49 | 1.45 | 4.76 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:52:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8840.14 | 8719.20 | 8636.37 | 8731.90 | 1.17 | ppb |
| Antimony | 121-1 | 4.34 | 4.37 | 4.32 | 4.34 | 0.55 | ppb |
| Arsenic | 75-2 | 22.15 | 22.53 | 21.82 | 22.17 | 1.62 | ppb |
| Barium | 135-1 | 193.10 | 192.98 | 189.69 | 191.92 | 1.01 | ppb |
| Barium | 137-1 | 196.21 | 197.97 | 194.74 | 196.31 | 0.82 | ppb |
| Beryllium | 9-1 | 1.54 | 1.60 | 1.43 | 1.52 | 5.41 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 9.02 | 9.73 | 9.81 | 9.52 | 4.55 | ppb |
| Cadmium | 106-1 | 9.15 | 8.62 | 8.93 | 8.90 | 2.98 | ppb |
| Cadmium | 111-1 | 8.37 | 8.43 | 8.28 | 8.36 | 0.90 | ppb |
| Calcium | 43-1 | 112183.79 | 115889.44 | 114291.95 | 114121.73 | 1.63 | ppb |
| Calcium | 44-1 | 110758.63 | 115429.58 | 113755.99 | 113314.74 | 2.09 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 763.00 | 760.65 | 761.30 | 761.65 | 0.16 | ppb |
| Cobalt | 59-2 | 17.34 | 17.28 | 17.34 | 17.32 | 0.20 | ppb |
| Copper | 63-2 | 111.96 | 112.23 | 112.06 | 112.08 | 0.12 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 293453.32 | 293965.88 | 290396.94 | 292605.38 | 0.66 | ppb |
| Iron | 57-2 | 291893.98 | 291981.91 | 292649.14 | 292175.01 | 0.14 | ppb |
| Iron | 54-2 | 295569.77 | 294558.78 | 296658.50 | 295595.68 | 0.36 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:52:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1185.45 | 1196.51 | 1197.74 | 1193.23 | 0.57 | ppb |
| Lead | 207-1 | 1102.21 | 1109.98 | 1129.79 | 1113.99 | 1.28 | ppb |
| Lead | 208-1 | 1129.93 | 1134.23 | 1150.91 | 1138.36 | 0.97 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 17660.83 | 17492.94 | 17441.80 | 17531.86 | 0.65 | ppb |
| Manganese | 55-2 | 12005.01 | 12005.93 | 11879.19 | 11963.38 | 0.61 | ppb |
| Molybdenum | 94-1 | 24.90 | 25.44 | 25.10 | 25.15 | 1.07 | ppb |
| Molybdenum | 95-1 | 17.52 | 17.77 | 17.78 | 17.69 | 0.82 | ppb |
| Molybdenum | 96-1 | 20.34 | 20.73 | 20.65 | 20.57 | 0.99 | ppb |
| Molybdenum | 97-1 | 17.55 | 17.73 | 17.79 | 17.69 | 0.69 | ppb |
| Molybdenum | 98-1 | 17.53 | 17.71 | 17.69 | 17.64 | 0.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 430.90 | 433.77 | 432.23 | 432.30 | 0.33 | ppb |
| Phosphorus | 31-2 | 1166.00 | 1100.58 | 1113.60 | 1126.73 | 3.07 | ppb |
| Potassium | 39-2 | 1483.31 | 1479.61 | 1470.05 | 1477.66 | 0.46 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 0.70 | 0.95 | 0.91 | 0.85 | 15.97 | ppb |
| Selenium | 77-2 | 3.50 | 3.06 | 4.51 | 3.69 | 20.13 | ppb |
| Selenium | 78-2 | 1.45 | -0.41 | 0.33 | 0.46 | 203.93 | ppb |
| Silicon | 28-1 | 1777.39 | 1833.11 | 1813.42 | 1807.97 | 1.56 | ppb |
| Silver | 107-1 | 5.02 | 5.05 | 5.00 | 5.02 | 0.54 | ppb |
| Silver | 109-1 | 4.94 | 5.03 | 4.98 | 4.99 | 0.90 | ppb |
| Sodium | 23-2 | 470.68 | 476.46 | 474.71 | 473.95 | 0.63 | ppb |
| Strontium | 86-1 | 3048.48 | 3124.13 | 3101.31 | 3091.31 | 1.26 | ppb |
| Strontium | 88-1 | 3136.09 | 3186.08 | 3225.82 | 3182.66 | 1.41 | ppb |
| Sulfur | 34-1 | 1000.14 | 1148.33 | 1154.22 | 1100.90 | 7.93 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 1.64 | 1.60 | 1.71 | 1.65 | 3.32 | ppb |
| Thallium | 205-1 | 1.62 | 1.65 | 1.65 | 1.64 | 0.80 | ppb |
| Tin | 118-1 | 15.44 | 15.54 | 15.11 | 15.36 | 1.47 | ppb |
| Titanium | 47-1 | 480.51 | 494.06 | 493.19 | 489.25 | 1.55 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:52:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.83 | 0.83 | 0.86 | 0.84 | 1.84 | ppb |
| Vanadium | 51-2 | 82.04 | 83.00 | 81.91 | 82.32 | 0.73 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 3722.22 | 3694.44 | 3726.06 | 3714.24 | 0.46 | ppb |
| Zirconium | 90-1 | 5.64 | 5.79 | 5.83 | 5.75 | 1.66 | ppb |
| Zirconium | 91-1 | 5.75 | 5.97 | 5.87 | 5.86 | 1.87 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2907 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:55:40 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13898.29 | 13953.54 | 14049.64 | 13967.15 | 0.55 | ppb |
| Antimony | 121-1 | 1.09 | 1.15 | 1.16 | 1.13 | 3.23 | ppb |
| Arsenic | 75-2 | 17.47 | 17.19 | 17.96 | 17.54 | 2.22 | ppb |
| Barium | 135-1 | 154.85 | 158.32 | 156.39 | 156.52 | 1.11 | ppb |
| Barium | 137-1 | 157.38 | 160.74 | 159.17 | 159.10 | 1.06 | ppb |
| Beryllium | 9-1 | 1.11 | 1.02 | 1.12 | 1.09 | 4.91 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.76 | 1.45 | 1.45 | 1.55 | 11.65 | ppb |
| Cadmium | 106-1 | 0.60 | 0.46 | 0.23 | 0.43 | 42.87 | ppb |
| Cadmium | 111-1 | 1.21 | 1.30 | 1.19 | 1.24 | 4.64 | ppb |
| Calcium | 43-1 | 111319.81 | 113584.36 | 114568.03 | 113157.40 | 1.47 | ppb |
| Calcium | 44-1 | 109784.45 | 112580.14 | 113311.90 | 111892.17 | 1.66 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 115.31 | 116.54 | 115.83 | 115.90 | 0.53 | ppb |
| Cobalt | 59-2 | 19.43 | 19.78 | 19.73 | 19.65 | 0.96 | ppb |
| Copper | 63-2 | 53.74 | 54.90 | 54.35 | 54.33 | 1.07 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 80160.27 | 80840.19 | 80825.32 | 80608.59 | 0.48 | ppb |
| Iron | 57-2 | 78850.10 | 80892.70 | 81473.01 | 80405.27 | 1.71 | ppb |
| Iron | 54-2 | 80325.59 | 81546.14 | 80976.12 | 80949.29 | 0.75 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2907 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:55:40 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 228.61 | 236.19 | 235.86 | 233.55 | 1.84 | ppb |
| Lead | 207-1 | 213.05 | 219.51 | 221.41 | 217.99 | 2.01 | ppb |
| Lead | 208-1 | 219.26 | 223.87 | 227.54 | 223.56 | 1.85 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 34945.03 | 35259.36 | 35183.24 | 35129.21 | 0.47 | ppb |
| Manganese | 55-2 | 3333.53 | 3370.56 | 3333.04 | 3345.71 | 0.64 | ppb |
| Molybdenum | 94-1 | 7.48 | 7.87 | 7.87 | 7.74 | 2.92 | ppb |
| Molybdenum | 95-1 | 4.55 | 4.65 | 4.70 | 4.63 | 1.59 | ppb |
| Molybdenum | 96-1 | 5.36 | 5.46 | 5.42 | 5.41 | 0.94 | ppb |
| Molybdenum | 97-1 | 4.46 | 4.64 | 4.62 | 4.57 | 2.19 | ppb |
| Molybdenum | 98-1 | 4.49 | 4.56 | 4.61 | 4.55 | 1.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 73.56 | 74.80 | 74.50 | 74.28 | 0.87 | ppb |
| Phosphorus | 31-2 | 1127.41 | 1144.95 | 1147.06 | 1139.81 | 0.95 | ppb |
| Potassium | 39-2 | 2708.57 | 2752.56 | 2745.74 | 2735.62 | 0.87 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 0.50 | 0.79 | 0.38 | 0.56 | 37.59 | ppb |
| Selenium | 77-2 | 6.62 | 9.39 | 9.21 | 8.41 | 18.42 | ppb |
| Selenium | 78-2 | -0.11 | 0.52 | -0.21 | 0.07 | 598.15 | ppb |
| Silicon | 28-1 | 2114.11 | 2173.21 | 2136.31 | 2141.21 | 1.39 | ppb |
| Silver | 107-1 | 0.71 | 0.74 | 0.72 | 0.72 | 1.77 | ppb |
| Silver | 109-1 | 0.70 | 0.71 | 0.71 | 0.71 | 0.56 | ppb |
| Sodium | 23-2 | 269.76 | 276.51 | 277.38 | 274.55 | 1.52 | ppb |
| Strontium | 86-1 | 2436.69 | 2496.70 | 2530.30 | 2487.90 | 1.91 | ppb |
| Strontium | 88-1 | 2542.02 | 2597.47 | 2619.16 | 2586.22 | 1.54 | ppb |
| Sulfur | 34-1 | 1358.66 | 1470.54 | 1411.65 | 1413.62 | 3.96 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.50 | 0.52 | 0.53 | 0.52 | 3.30 | ppb |
| Thallium | 205-1 | 0.50 | 0.51 | 0.52 | 0.51 | 1.95 | ppb |
| Tin | 118-1 | 3.69 | 3.73 | 3.81 | 3.74 | 1.60 | ppb |
| Titanium | 47-1 | 267.23 | 274.72 | 271.41 | 271.12 | 1.38 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2907 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:55:40 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.22 | 1.27 | 1.28 | 1.26 | 2.42 | ppb |
| Vanadium | 51-2 | 52.33 | 52.67 | 52.49 | 52.49 | 0.32 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 441.41 | 447.58 | 448.61 | 445.86 | 0.87 | ppb |
| Zirconium | 90-1 | 2.18 | 2.19 | 2.23 | 2.20 | 1.13 | ppb |
| Zirconium | 91-1 | 2.10 | 2.21 | 2.25 | 2.19 | 3.38 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2908 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:58:46 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14051.46 | 14212.33 | 14150.12 | 14137.97 | 0.57 | ppb |
| Antimony | 121-1 | 0.56 | 0.57 | 0.59 | 0.58 | 2.88 | ppb |
| Arsenic | 75-2 | 16.81 | 17.31 | 17.05 | 17.06 | 1.44 | ppb |
| Barium | 135-1 | 145.82 | 148.09 | 147.53 | 147.14 | 0.80 | ppb |
| Barium | 137-1 | 147.92 | 149.42 | 150.68 | 149.34 | 0.93 | ppb |
| Beryllium | 9-1 | 0.94 | 0.97 | 1.00 | 0.97 | 3.03 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.83 | 0.89 | 1.14 | 0.95 | 17.14 | ppb |
| Cadmium | 106-1 | 0.42 | 0.24 | -0.12 | 0.18 | 151.27 | ppb |
| Cadmium | 111-1 | 0.61 | 0.56 | 0.54 | 0.57 | 6.39 | ppb |
| Calcium | 43-1 | 68544.84 | 68595.86 | 68602.65 | 68581.12 | 0.05 | ppb |
| Calcium | 44-1 | 67672.03 | 68609.65 | 68302.19 | 68194.62 | 0.70 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 74.98 | 74.97 | 74.87 | 74.94 | 0.08 | ppb |
| Cobalt | 59-2 | 20.16 | 19.92 | 20.26 | 20.11 | 0.87 | ppb |
| Copper | 63-2 | 57.18 | 58.35 | 57.13 | 57.55 | 1.20 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 73252.11 | 73146.11 | 73107.55 | 73168.59 | 0.10 | ppb |
| Iron | 57-2 | 73248.19 | 73117.10 | 72976.66 | 73113.98 | 0.19 | ppb |
| Iron | 54-2 | 72706.64 | 73060.21 | 73239.14 | 73002.00 | 0.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2908 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:58:46 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 102.94 | 105.96 | 105.62 | 104.84 | 1.58 | ppb |
| Lead | 207-1 | 94.45 | 95.27 | 95.37 | 95.03 | 0.53 | ppb |
| Lead | 208-1 | 101.55 | 104.24 | 104.45 | 103.41 | 1.56 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 24325.73 | 24491.94 | 24914.40 | 24577.36 | 1.23 | ppb |
| Manganese | 55-2 | 1427.95 | 1442.65 | 1433.03 | 1434.54 | 0.52 | ppb |
| Molybdenum | 94-1 | 10.27 | 10.52 | 10.67 | 10.49 | 1.89 | ppb |
| Molybdenum | 95-1 | 6.55 | 6.57 | 6.67 | 6.60 | 1.01 | ppb |
| Molybdenum | 96-1 | 7.31 | 7.61 | 7.66 | 7.52 | 2.50 | ppb |
| Molybdenum | 97-1 | 6.63 | 6.53 | 6.69 | 6.62 | 1.26 | ppb |
| Molybdenum | 98-1 | 6.47 | 6.43 | 6.77 | 6.56 | 2.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 69.24 | 68.26 | 68.56 | 68.69 | 0.74 | ppb |
| Phosphorus | 31-2 | 797.68 | 789.10 | 836.84 | 807.87 | 3.15 | ppb |
| Potassium | 39-2 | 1852.87 | 1870.55 | 1860.27 | 1861.23 | 0.48 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.69 | 0.56 | 0.60 | 0.62 | 10.94 | ppb |
| Selenium | 77-2 | 6.47 | 7.55 | 7.86 | 7.29 | 9.98 | ppb |
| Selenium | 78-2 | 0.07 | 1.59 | -0.15 | 0.50 | 187.78 | ppb |
| Silicon | 28-1 | 1736.97 | 1775.21 | 1768.63 | 1760.27 | 1.16 | ppb |
| Silver | 107-1 | 0.18 | 0.19 | 0.19 | 0.19 | 2.46 | ppb |
| Silver | 109-1 | 0.18 | 0.18 | 0.20 | 0.19 | 5.33 | ppb |
| Sodium | 23-2 | 194.70 | 198.11 | 195.72 | 196.18 | 0.89 | ppb |
| Strontium | 86-1 | 2046.19 | 2073.05 | 2093.76 | 2071.00 | 1.15 | ppb |
| Strontium | 88-1 | 2109.04 | 2180.11 | 2148.04 | 2145.73 | 1.66 | ppb |
| Sulfur | 34-1 | 1030.66 | 1098.80 | 1075.19 | 1068.22 | 3.24 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.28 | 0.28 | 0.30 | 0.29 | 3.63 | ppb |
| Thallium | 205-1 | 0.29 | 0.30 | 0.30 | 0.30 | 3.07 | ppb |
| Tin | 118-1 | 1.96 | 1.98 | 2.00 | 1.98 | 1.23 | ppb |
| Titanium | 47-1 | 170.18 | 173.64 | 172.43 | 172.08 | 1.02 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2908 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:58:46 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.46 | 1.47 | 1.49 | 1.47 | 1.27 | ppb |
| Vanadium | 51-2 | 55.64 | 55.73 | 55.64 | 55.67 | 0.09 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 169.39 | 169.94 | 170.71 | 170.01 | 0.39 | ppb |
| Zirconium | 90-1 | 2.75 | 2.81 | 2.89 | 2.82 | 2.50 | ppb |
| Zirconium | 91-1 | 2.77 | 2.93 | 2.81 | 2.83 | 2.93 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2909 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:01:56 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 15032.42 | 15185.84 | 15092.80 | 15103.68 | 0.51 | ppb |
| Antimony | 121-1 | 0.87 | 0.85 | 0.84 | 0.85 | 1.38 | ppb |
| Arsenic | 75-2 | 16.64 | 16.73 | 15.90 | 16.43 | 2.78 | ppb |
| Barium | 135-1 | 204.89 | 207.92 | 208.10 | 206.97 | 0.87 | ppb |
| Barium | 137-1 | 206.76 | 213.24 | 210.56 | 210.19 | 1.55 | ppb |
| Beryllium | 9-1 | 1.09 | 1.10 | 1.23 | 1.14 | 6.97 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.18 | 1.54 | 1.23 | 1.32 | 14.94 | ppb |
| Cadmium | 106-1 | 0.51 | 0.36 | 0.16 | 0.34 | 51.44 | ppb |
| Cadmium | 111-1 | 0.89 | 0.87 | 0.89 | 0.88 | 1.37 | ppb |
| Calcium | 43-1 | 59236.66 | 61867.52 | 62000.48 | 61034.89 | 2.55 | ppb |
| Calcium | 44-1 | 59374.82 | 61807.87 | 61272.04 | 60818.24 | 2.10 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 106.89 | 109.30 | 107.31 | 107.83 | 1.19 | ppb |
| Cobalt | 59-2 | 20.54 | 21.09 | 20.58 | 20.73 | 1.48 | ppb |
| Copper | 63-2 | 83.39 | 84.75 | 83.33 | 83.83 | 0.96 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 85747.11 | 87042.62 | 86193.68 | 86327.80 | 0.76 | ppb |
| Iron | 57-2 | 84959.68 | 86962.91 | 85614.39 | 85845.66 | 1.19 | ppb |
| Iron | 54-2 | 85601.46 | 87167.63 | 86367.79 | 86378.96 | 0.91 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2909 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:01:56 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 115.80 | 118.67 | 117.60 | 117.36 | 1.23 | ppb |
| Lead | 207-1 | 105.07 | 107.69 | 107.21 | 106.66 | 1.31 | ppb |
| Lead | 208-1 | 113.41 | 116.73 | 115.79 | 115.31 | 1.48 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 23754.60 | 24259.39 | 23804.62 | 23939.54 | 1.16 | ppb |
| Manganese | 55-2 | 1844.61 | 1877.86 | 1864.52 | 1862.33 | 0.90 | ppb |
| Molybdenum | 94-1 | 10.82 | 10.93 | 10.95 | 10.90 | 0.63 | ppb |
| Molybdenum | 95-1 | 7.91 | 8.01 | 8.14 | 8.02 | 1.42 | ppb |
| Molybdenum | 96-1 | 8.80 | 9.00 | 8.97 | 8.92 | 1.21 | ppb |
| Molybdenum | 97-1 | 8.03 | 8.13 | 8.17 | 8.11 | 0.88 | ppb |
| Molybdenum | 98-1 | 8.02 | 8.18 | 8.24 | 8.14 | 1.42 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 100.55 | 102.40 | 101.29 | 101.41 | 0.92 | ppb |
| Phosphorus | 31-2 | 970.73 | 977.97 | 1019.72 | 989.47 | 2.67 | ppb |
| Potassium | 39-2 | 2115.72 | 2141.04 | 2143.98 | 2133.58 | 0.73 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.49 | 0.40 | 0.24 | 0.38 | 34.47 | ppb |
| Selenium | 77-2 | 8.36 | 8.44 | 10.68 | 9.16 | 14.37 | ppb |
| Selenium | 78-2 | 0.27 | 0.99 | 0.56 | 0.61 | 59.78 | ppb |
| Silicon | 28-1 | 1874.07 | 1929.83 | 1896.26 | 1900.05 | 1.48 | ppb |
| Silver | 107-1 | 0.30 | 0.31 | 0.29 | 0.30 | 3.74 | ppb |
| Silver | 109-1 | 0.29 | 0.28 | 0.31 | 0.29 | 3.70 | ppb |
| Sodium | 23-2 | 184.51 | 189.62 | 187.06 | 187.06 | 1.37 | ppb |
| Strontium | 86-1 | 1861.21 | 1912.03 | 1897.11 | 1890.11 | 1.38 | ppb |
| Strontium | 88-1 | 1931.44 | 1975.94 | 1952.82 | 1953.40 | 1.14 | ppb |
| Sulfur | 34-1 | 965.64 | 1096.24 | 1039.80 | 1033.89 | 6.33 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.35 | 0.35 | 0.36 | 0.36 | 2.56 | ppb |
| Thallium | 205-1 | 0.35 | 0.36 | 0.36 | 0.36 | 1.55 | ppb |
| Tin | 118-1 | 3.54 | 3.64 | 3.61 | 3.60 | 1.40 | ppb |
| Titanium | 47-1 | 198.95 | 203.59 | 200.43 | 200.99 | 1.18 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2909 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:01:56 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.33 | 1.34 | 1.33 | 1.33 | 0.34 | ppb |
| Vanadium | 51-2 | 59.80 | 60.83 | 59.69 | 60.11 | 1.05 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 290.02 | 296.58 | 291.92 | 292.84 | 1.15 | ppb |
| Zirconium | 90-1 | 2.30 | 2.35 | 2.37 | 2.34 | 1.40 | ppb |
| Zirconium | 91-1 | 2.35 | 2.35 | 2.37 | 2.36 | 0.55 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2910 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:05:03 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10852.12 | 10835.72 | 10743.49 | 10810.44 | 0.54 | ppb |
| Antimony | 121-1 | 4.03 | 3.92 | 3.99 | 3.98 | 1.39 | ppb |
| Arsenic | 75-2 | 28.88 | 29.29 | 29.66 | 29.28 | 1.34 | ppb |
| Barium | 135-1 | 147.67 | 148.07 | 145.91 | 147.22 | 0.78 | ppb |
| Barium | 137-1 | 150.47 | 150.36 | 148.80 | 149.88 | 0.63 | ppb |
| Beryllium | 9-1 | 0.72 | 0.69 | 0.71 | 0.71 | 1.74 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.11 | 4.21 | 4.94 | 4.75 | 10.02 | ppb |
| Cadmium | 106-1 | 5.46 | 3.73 | 4.00 | 4.40 | 21.08 | ppb |
| Cadmium | 111-1 | 4.39 | 4.24 | 4.33 | 4.32 | 1.66 | ppb |
| Calcium | 43-1 | 152555.34 | 151545.71 | 149736.71 | 151279.25 | 0.94 | ppb |
| Calcium | 44-1 | 148724.01 | 150676.09 | 151268.59 | 150222.90 | 0.89 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 25.18 | 25.01 | 24.97 | 25.05 | 0.44 | ppb |
| Cobalt | 59-2 | 18.60 | 18.32 | 18.66 | 18.53 | 0.98 | ppb |
| Copper | 63-2 | 49.88 | 49.78 | 50.12 | 49.93 | 0.35 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 41259.12 | 41151.70 | 41153.87 | 41188.23 | 0.15 | ppb |
| Iron | 57-2 | 41595.83 | 41260.96 | 40940.82 | 41265.87 | 0.79 | ppb |
| Iron | 54-2 | 40975.90 | 41389.24 | 41047.82 | 41137.66 | 0.54 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2910 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:05:03 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 24.19 | 23.85 | 24.02 | 24.02 | 0.71 | ppb |
| Lead | 207-1 | 20.60 | 20.66 | 20.65 | 20.63 | 0.15 | ppb |
| Lead | 208-1 | 21.73 | 21.72 | 21.81 | 21.75 | 0.23 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 45160.16 | 44939.42 | 45371.70 | 45157.09 | 0.48 | ppb |
| Manganese | 55-2 | 693.18 | 689.94 | 678.74 | 687.29 | 1.10 | ppb |
| Molybdenum | 94-1 | 44.98 | 45.31 | 45.67 | 45.32 | 0.77 | ppb |
| Molybdenum | 95-1 | 30.95 | 31.02 | 31.28 | 31.08 | 0.55 | ppb |
| Molybdenum | 96-1 | 32.61 | 32.99 | 33.25 | 32.95 | 0.96 | ppb |
| Molybdenum | 97-1 | 31.14 | 31.57 | 31.42 | 31.38 | 0.70 | ppb |
| Molybdenum | 98-1 | 30.94 | 31.19 | 31.45 | 31.19 | 0.82 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 75.11 | 74.07 | 73.31 | 74.16 | 1.22 | ppb |
| Phosphorus | 31-2 | 770.05 | 740.19 | 725.24 | 745.16 | 3.06 | ppb |
| Potassium | 39-2 | 2229.86 | 2219.07 | 2182.75 | 2210.56 | 1.12 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 4.17 | 4.58 | 4.45 | 4.40 | 4.80 | ppb |
| Selenium | 77-2 | 10.30 | 10.55 | 10.91 | 10.59 | 2.91 | ppb |
| Selenium | 78-2 | 3.92 | 5.06 | 5.49 | 4.82 | 16.89 | ppb |
| Silicon | 28-1 | 1456.12 | 1481.58 | 1466.20 | 1467.97 | 0.87 | ppb |
| Silver | 107-1 | 0.31 | 0.34 | 0.32 | 0.32 | 4.71 | ppb |
| Silver | 109-1 | 0.30 | 0.32 | 0.32 | 0.31 | 2.77 | ppb |
| Sodium | 23-2 | 319.32 | 323.91 | 320.60 | 321.27 | 0.74 | ppb |
| Strontium | 86-1 | 6588.06 | 6649.53 | 6656.25 | 6631.28 | 0.57 | ppb |
| Strontium | 88-1 | 6827.65 | 6854.31 | 6849.77 | 6843.91 | 0.21 | ppb |
| Sulfur | 34-1 | 11960.26 | 12161.16 | 12015.87 | 12045.76 | 0.86 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.80 | 0.79 | 0.79 | 0.79 | 0.36 | ppb |
| Thallium | 205-1 | 0.79 | 0.77 | 0.79 | 0.78 | 1.42 | ppb |
| Tin | 118-1 | 0.65 | 0.62 | 0.64 | 0.63 | 2.37 | ppb |
| Titanium | 47-1 | 178.71 | 182.94 | 183.03 | 181.56 | 1.36 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2910 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:05:03 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6.66 | 6.62 | 6.62 | 6.63 | 0.33 | ppb |
| Vanadium | 51-2 | 54.81 | 54.58 | 54.36 | 54.58 | 0.42 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 249.98 | 249.67 | 249.14 | 249.60 | 0.17 | ppb |
| Zirconium | 90-1 | 10.69 | 10.86 | 10.91 | 10.82 | 1.05 | ppb |
| Zirconium | 91-1 | 10.86 | 10.87 | 10.98 | 10.90 | 0.65 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2911 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:08:14 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17447.19 | 17570.37 | 17539.59 | 17519.05 | 0.37 | ppb |
| Antimony | 121-1 | 2.04 | 2.01 | 2.03 | 2.03 | 0.73 | ppb |
| Arsenic | 75-2 | 22.13 | 21.05 | 21.69 | 21.62 | 2.52 | ppb |
| Barium | 135-1 | 214.09 | 216.11 | 216.53 | 215.58 | 0.61 | ppb |
| Barium | 137-1 | 218.92 | 219.87 | 218.85 | 219.21 | 0.26 | ppb |
| Beryllium | 9-1 | 2.26 | 2.21 | 2.20 | 2.22 | 1.39 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.46 | 1.59 | 1.81 | 1.62 | 11.07 | ppb |
| Cadmium | 106-1 | 1.17 | 0.57 | 1.68 | 1.14 | 48.65 | ppb |
| Cadmium | 111-1 | 1.18 | 1.18 | 1.15 | 1.17 | 1.27 | ppb |
| Calcium | 43-1 | 97183.69 | 97632.10 | 97749.86 | 97521.89 | 0.31 | ppb |
| Calcium | 44-1 | 96224.96 | 96580.81 | 96857.64 | 96554.47 | 0.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 119.70 | 118.39 | 118.34 | 118.81 | 0.65 | ppb |
| Cobalt | 59-2 | 23.07 | 23.06 | 22.86 | 23.00 | 0.52 | ppb |
| Copper | 63-2 | 107.66 | 108.44 | 107.70 | 107.93 | 0.41 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 196451.26 | 194236.45 | 195136.35 | 195274.69 | 0.57 | ppb |
| Iron | 57-2 | 193012.21 | 192676.85 | 194229.01 | 193306.02 | 0.42 | ppb |
| Iron | 54-2 | 196083.12 | 192534.67 | 194091.14 | 194236.31 | 0.92 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2911 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:08:14 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 138.76 | 141.13 | 141.73 | 140.54 | 1.12 | ppb |
| Lead | 207-1 | 126.12 | 128.62 | 130.63 | 128.46 | 1.76 | ppb |
| Lead | 208-1 | 136.66 | 138.12 | 140.48 | 138.42 | 1.39 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 34452.01 | 34019.56 | 34016.93 | 34162.83 | 0.73 | ppb |
| Manganese | 55-2 | 3278.32 | 3240.41 | 3274.62 | 3264.45 | 0.64 | ppb |
| Molybdenum | 94-1 | 12.29 | 12.25 | 12.42 | 12.32 | 0.75 | ppb |
| Molybdenum | 95-1 | 8.67 | 8.61 | 8.77 | 8.68 | 0.93 | ppb |
| Molybdenum | 96-1 | 10.40 | 10.49 | 10.50 | 10.47 | 0.53 | ppb |
| Molybdenum | 97-1 | 8.83 | 8.66 | 8.84 | 8.78 | 1.17 | ppb |
| Molybdenum | 98-1 | 8.69 | 8.64 | 8.85 | 8.73 | 1.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 88.82 | 88.79 | 88.62 | 88.74 | 0.12 | ppb |
| Phosphorus | 31-2 | 1070.91 | 1054.03 | 1056.06 | 1060.33 | 0.87 | ppb |
| Potassium | 39-2 | 2375.09 | 2384.13 | 2319.96 | 2359.73 | 1.47 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 1.05 | 0.92 | 0.82 | 0.93 | 12.60 | ppb |
| Selenium | 77-2 | 9.26 | 9.67 | 10.60 | 9.84 | 6.98 | ppb |
| Selenium | 78-2 | 0.80 | -0.23 | -0.21 | 0.12 | 493.51 | ppb |
| Silicon | 28-1 | 3487.76 | 3459.68 | 3487.59 | 3478.34 | 0.46 | ppb |
| Silver | 107-1 | 0.37 | 0.39 | 0.38 | 0.38 | 2.92 | ppb |
| Silver | 109-1 | 0.36 | 0.37 | 0.38 | 0.37 | 3.61 | ppb |
| Sodium | 23-2 | 421.44 | 414.20 | 418.80 | 418.14 | 0.88 | ppb |
| Strontium | 86-1 | 3160.78 | 3160.13 | 3220.51 | 3180.47 | 1.09 | ppb |
| Strontium | 88-1 | 3282.62 | 3246.23 | 3315.17 | 3281.34 | 1.05 | ppb |
| Sulfur | 34-1 | 1832.80 | 1821.75 | 1869.31 | 1841.28 | 1.35 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.48 | 0.45 | 0.48 | 0.47 | 3.59 | ppb |
| Thallium | 205-1 | 0.45 | 0.47 | 0.46 | 0.46 | 2.23 | ppb |
| Tin | 118-1 | 5.21 | 5.18 | 5.16 | 5.18 | 0.50 | ppb |
| Titanium | 47-1 | 291.22 | 288.70 | 290.50 | 290.14 | 0.45 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2911 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:08:14 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.23 | 2.21 | 2.29 | 2.24 | 1.75 | ppb |
| Vanadium | 51-2 | 61.04 | 60.66 | 60.49 | 60.73 | 0.47 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 660.34 | 656.99 | 651.47 | 656.27 | 0.68 | ppb |
| Zirconium | 90-1 | 2.79 | 2.81 | 2.84 | 2.82 | 0.88 | ppb |
| Zirconium | 91-1 | 2.91 | 2.86 | 2.83 | 2.87 | 1.33 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2912 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:11:21 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10813.37 | 10683.08 | 10663.93 | 10720.13 | 0.76 | ppb |
| Antimony | 121-1 | 1.59 | 1.60 | 1.67 | 1.62 | 2.85 | ppb |
| Arsenic | 75-2 | 14.16 | 14.32 | 14.44 | 14.31 | 0.98 | ppb |
| Barium | 135-1 | 398.08 | 399.71 | 407.86 | 401.88 | 1.30 | ppb |
| Barium | 137-1 | 430.42 | 426.45 | 429.16 | 428.68 | 0.47 | ppb |
| Beryllium | 9-1 | 2.10 | 2.02 | 2.03 | 2.05 | 1.94 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.31 | 1.35 | 1.61 | 1.42 | 11.57 | ppb |
| Cadmium | 106-1 | 0.87 | 0.01 | 0.65 | 0.51 | 86.86 | ppb |
| Cadmium | 111-1 | 1.19 | 1.13 | 1.17 | 1.16 | 2.32 | ppb |
| Calcium | 43-1 | 76800.06 | 75685.58 | 75966.64 | 76150.76 | 0.76 | ppb |
| Calcium | 44-1 | 76047.89 | 76240.20 | 75448.39 | 75912.16 | 0.54 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 73.80 | 74.05 | 74.52 | 74.12 | 0.49 | ppb |
| Cobalt | 59-2 | 14.68 | 14.57 | 14.61 | 14.62 | 0.39 | ppb |
| Copper | 63-2 | 34.12 | 33.95 | 34.36 | 34.14 | 0.61 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 262475.95 | 261382.53 | 263253.98 | 262370.82 | 0.36 | ppb |
| Iron | 57-2 | 260118.43 | 262204.56 | 262086.39 | 261469.79 | 0.45 | ppb |
| Iron | 54-2 | 262349.67 | 263335.21 | 266094.44 | 263926.44 | 0.74 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2912 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:11:21 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 176.62 | 177.85 | 177.36 | 177.28 | 0.35 | ppb |
| Lead | 207-1 | 148.49 | 151.06 | 149.92 | 149.82 | 0.86 | ppb |
| Lead | 208-1 | 165.09 | 167.03 | 166.35 | 166.16 | 0.59 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 21397.99 | 21647.18 | 21595.33 | 21546.83 | 0.61 | ppb |
| Manganese | 55-2 | 7135.17 | 7137.94 | 7158.67 | 7143.92 | 0.18 | ppb |
| Molybdenum | 94-1 | 6.83 | 6.87 | 7.02 | 6.91 | 1.43 | ppb |
| Molybdenum | 95-1 | 3.22 | 3.12 | 3.18 | 3.17 | 1.51 | ppb |
| Molybdenum | 96-1 | 5.55 | 5.47 | 5.55 | 5.52 | 0.81 | ppb |
| Molybdenum | 97-1 | 3.16 | 3.10 | 3.16 | 3.14 | 1.20 | ppb |
| Molybdenum | 98-1 | 3.07 | 3.10 | 3.07 | 3.08 | 0.54 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 46.33 | 47.14 | 46.57 | 46.68 | 0.89 | ppb |
| Phosphorus | 31-2 | 647.80 | 648.67 | 652.26 | 649.58 | 0.36 | ppb |
| Potassium | 39-2 | 1860.72 | 1877.96 | 1884.20 | 1874.29 | 0.65 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.98 | 0.66 | 0.90 | 0.84 | 19.93 | ppb |
| Selenium | 77-2 | 4.19 | 5.41 | 7.43 | 5.67 | 28.85 | ppb |
| Selenium | 78-2 | -0.34 | 0.38 | 0.76 | 0.26 | 212.23 | ppb |
| Silicon | 28-1 | 2020.69 | 2037.88 | 2029.66 | 2029.41 | 0.42 | ppb |
| Silver | 107-1 | 0.47 | 0.48 | 0.49 | 0.48 | 1.33 | ppb |
| Silver | 109-1 | 0.47 | 0.49 | 0.47 | 0.48 | 2.06 | ppb |
| Sodium | 23-2 | 316.46 | 319.11 | 320.74 | 318.77 | 0.68 | ppb |
| Strontium | 86-1 | 2544.89 | 2547.56 | 2571.74 | 2554.73 | 0.58 | ppb |
| Strontium | 88-1 | 2622.61 | 2626.15 | 2623.57 | 2624.11 | 0.07 | ppb |
| Sulfur | 34-1 | 964.32 | 970.22 | 963.66 | 966.07 | 0.37 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.65 | 0.68 | 0.70 | 0.68 | 3.78 | ppb |
| Thallium | 205-1 | 0.66 | 0.66 | 0.68 | 0.67 | 2.00 | ppb |
| Tin | 118-1 | 2.06 | 2.11 | 2.17 | 2.11 | 2.62 | ppb |
| Titanium | 47-1 | 327.14 | 326.27 | 325.68 | 326.37 | 0.22 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2912 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:11:21 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.95 | 0.98 | 0.96 | 0.96 | 1.43 | ppb |
| Vanadium | 51-2 | 40.43 | 40.56 | 40.48 | 40.49 | 0.15 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 394.90 | 394.28 | 395.87 | 395.02 | 0.20 | ppb |
| Zirconium | 90-1 | 2.30 | 2.32 | 2.34 | 2.32 | 0.85 | ppb |
| Zirconium | 91-1 | 2.38 | 2.33 | 2.32 | 2.34 | 1.26 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:14:30 | DataFile Name : | 114CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 47837.54 | 48806.32 | 48604.34 | 48416.07 | 1.06 | ppb |
| Antimony | 121-1 | 454.93 | 490.94 | 493.06 | 479.64 | 4.47 | ppb |
| Arsenic | 75-2 | 483.57 | 474.60 | 483.95 | 480.71 | 1.10 | ppb |
| Barium | 135-1 | 2298.10 | 2487.10 | 2470.28 | 2418.49 | 4.33 | ppb |
| Barium | 137-1 | 2302.82 | 2468.45 | 2496.71 | 2422.66 | 4.32 | ppb |
| Beryllium | 9-1 | 456.73 | 494.03 | 486.99 | 479.25 | 4.14 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 456.97 | 487.99 | 482.24 | 475.73 | 3.47 | ppb |
| Cadmium | 106-1 | 453.36 | 485.17 | 484.46 | 474.33 | 3.83 | ppb |
| Cadmium | 111-1 | 429.78 | 462.83 | 460.44 | 451.02 | 4.09 | ppb |
| Calcium | 43-1 | 239498.41 | 254743.69 | 255956.36 | 250066.15 | 3.67 | ppb |
| Calcium | 44-1 | 239141.32 | 255521.57 | 257929.35 | 250864.08 | 4.08 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 495.36 | 493.15 | 497.89 | 495.47 | 0.48 | ppb |
| Cobalt | 59-2 | 489.64 | 492.68 | 494.72 | 492.35 | 0.52 | ppb |
| Copper | 63-2 | 4779.69 | 4796.68 | 4763.44 | 4779.94 | 0.35 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 84 | | % |
| Iron | 56-2 | 125893.55 | 126378.78 | 127755.93 | 126676.09 | 0.76 | ppb |
| Iron | 57-2 | 125764.56 | 126464.59 | 127109.96 | 126446.37 | 0.53 | ppb |
| Iron | 54-2 | 128487.70 | 127588.89 | 126772.71 | 127616.43 | 0.67 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:14:30 | DataFile Name : | 114CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2413.21 | 2564.44 | 2545.20 | 2507.62 | 3.28 | ppb |
| Lead | 207-1 | 2366.99 | 2518.52 | 2513.47 | 2466.33 | 3.49 | ppb |
| Lead | 208-1 | 2373.57 | 2525.42 | 2510.34 | 2469.78 | 3.39 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 233320.86 | 235825.43 | 234827.74 | 234658.01 | 0.54 | ppb |
| Manganese | 55-2 | 4917.15 | 4930.33 | 4898.62 | 4915.37 | 0.32 | ppb |
| Molybdenum | 94-1 | 4704.92 | 5003.45 | 4872.80 | 4860.39 | 3.08 | ppb |
| Molybdenum | 95-1 | 4754.08 | 5007.30 | 4923.50 | 4894.96 | 2.64 | ppb |
| Molybdenum | 96-1 | 4779.55 | 5047.75 | 4950.27 | 4925.86 | 2.76 | ppb |
| Molybdenum | 97-1 | 4776.35 | 5040.06 | 4948.90 | 4921.77 | 2.72 | ppb |
| Molybdenum | 98-1 | 4813.65 | 5027.32 | 4892.21 | 4911.06 | 2.20 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 464.41 | 464.79 | 461.77 | 463.66 | 0.35 | ppb |
| Phosphorus | 31-2 | 9701.77 | 9751.46 | 9658.96 | 9704.06 | 0.48 | ppb |
| Potassium | 39-2 | 121470.64 | 121831.19 | 121564.93 | 121622.25 | 0.15 | ppb |
| Rhodium | 103-1 | | | | 87 | | % |
| Rhodium | 103-2 | | | | 82 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 81 | | % |
| Selenium | 82-1 | 455.32 | 480.62 | 472.31 | 469.41 | 2.75 | ppb |
| Selenium | 77-2 | 466.27 | 460.58 | 463.95 | 463.60 | 0.62 | ppb |
| Selenium | 78-2 | 495.66 | 475.34 | 478.30 | 483.10 | 2.27 | ppb |
| Silicon | 28-1 | 414.93 | 452.60 | 451.16 | 439.56 | 4.86 | ppb |
| Silver | 107-1 | 457.27 | 482.16 | 478.95 | 472.79 | 2.86 | ppb |
| Silver | 109-1 | 459.84 | 476.86 | 472.66 | 469.79 | 1.89 | ppb |
| Sodium | 23-2 | 241255.29 | 243010.62 | 242688.46 | 242318.12 | 0.39 | ppb |
| Strontium | 86-1 | 11777.96 | 12565.34 | 12341.32 | 12228.20 | 3.32 | ppb |
| Strontium | 88-1 | 11604.92 | 12458.64 | 12313.92 | 12125.83 | 3.77 | ppb |
| Sulfur | 34-1 | 9355.33 | 10034.80 | 10074.74 | 9821.62 | 4.12 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 96 | | % |
| Thallium | 203-1 | 478.60 | 506.81 | 500.44 | 495.28 | 2.99 | ppb |
| Thallium | 205-1 | 478.71 | 513.18 | 503.21 | 498.37 | 3.56 | ppb |
| Tin | 118-1 | 457.03 | 494.00 | 490.82 | 480.62 | 4.26 | ppb |
| Titanium | 47-1 | 4592.80 | 4965.35 | 4980.59 | 4846.25 | 4.53 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:14:30 | DataFile Name : | 114CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 456.93 | 486.69 | 488.89 | 477.50 | 3.74 | ppb |
| Vanadium | 51-2 | 500.60 | 502.91 | 497.63 | 500.38 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 85 | | % |
| Zinc | 66-2 | 4723.46 | 4754.89 | 4732.98 | 4737.11 | 0.34 | ppb |
| Zirconium | 90-1 | 466.83 | 502.94 | 492.51 | 487.43 | 3.81 | ppb |
| Zirconium | 91-1 | 477.21 | 497.29 | 494.39 | 489.63 | 2.22 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:17:14 | DataFile Name : | 115CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.89 | 3.24 | 3.00 | 3.37 | 13.61 | ppb |
| Antimony | 121-1 | 0.24 | 0.21 | 0.19 | 0.21 | 12.27 | ppb |
| Arsenic | 75-2 | 0.03 | 0.02 | 0.04 | 0.03 | 28.03 | ppb |
| Barium | 135-1 | 0.41 | 0.29 | 0.27 | 0.32 | 23.70 | ppb |
| Barium | 137-1 | 0.43 | 0.35 | 0.25 | 0.34 | 26.52 | ppb |
| Beryllium | 9-1 | 0.12 | 0.08 | 0.09 | 0.10 | 20.60 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.13 | 0.06 | 0.10 | 0.10 | 37.67 | ppb |
| Cadmium | 106-1 | -1.72 | -1.29 | -1.80 | -1.60 | | ppb |
| Cadmium | 111-1 | -0.03 | -0.01 | -0.07 | -0.04 | | ppb |
| Calcium | 43-1 | 53.92 | 40.79 | 31.02 | 41.91 | 27.41 | ppb |
| Calcium | 44-1 | 46.17 | 35.70 | 27.84 | 36.57 | 25.14 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | 0.03 | 0.04 | 0.02 | 116.41 | ppb |
| Cobalt | 59-2 | 0.04 | 0.03 | 0.03 | 0.03 | 17.72 | ppb |
| Copper | 63-2 | 1.46 | 1.32 | 1.26 | 1.35 | 7.38 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 11.99 | 10.51 | 9.35 | 10.62 | 12.44 | ppb |
| Iron | 57-2 | 12.54 | 10.18 | 8.13 | 10.28 | 21.47 | ppb |
| Iron | 54-2 | 12.22 | 11.35 | 9.97 | 11.18 | 10.14 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:17:14 | DataFile Name : | 115CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.47 | 0.38 | 0.34 | 0.40 | 16.61 | ppb |
| Lead | 207-1 | 0.47 | 0.38 | 0.32 | 0.39 | 19.93 | ppb |
| Lead | 208-1 | 0.47 | 0.38 | 0.33 | 0.40 | 18.00 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 19.72 | 17.51 | 14.69 | 17.31 | 14.57 | ppb |
| Manganese | 55-2 | 0.50 | 0.41 | 0.42 | 0.44 | 11.74 | ppb |
| Molybdenum | 94-1 | 1.02 | 0.82 | 0.65 | 0.83 | 22.23 | ppb |
| Molybdenum | 95-1 | 0.97 | 0.76 | 0.64 | 0.79 | 21.38 | ppb |
| Molybdenum | 96-1 | 1.00 | 0.78 | 0.62 | 0.80 | 23.48 | ppb |
| Molybdenum | 97-1 | 1.03 | 0.74 | 0.64 | 0.80 | 24.63 | ppb |
| Molybdenum | 98-1 | 0.95 | 0.77 | 0.65 | 0.79 | 19.00 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.00 | 0.03 | 0.03 | 0.02 | 99.11 | ppb |
| Phosphorus | 31-2 | -16.58 | -17.60 | -13.36 | -15.84 | | ppb |
| Potassium | 39-2 | 19.20 | 18.06 | 17.91 | 18.39 | 3.83 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 84 | | % |
| Selenium | 82-1 | -0.32 | 0.03 | -0.59 | -0.29 | | ppb |
| Selenium | 77-2 | -0.16 | 0.19 | -0.16 | -0.04 | | ppb |
| Selenium | 78-2 | -2.20 | -0.51 | -0.40 | -1.04 | | ppb |
| Silicon | 28-1 | -15.86 | -15.77 | -15.68 | -15.77 | | ppb |
| Silver | 107-1 | 0.14 | 0.11 | 0.08 | 0.11 | 24.60 | ppb |
| Silver | 109-1 | 0.14 | 0.10 | 0.09 | 0.11 | 24.89 | ppb |
| Sodium | 23-2 | 46.68 | 42.60 | 40.16 | 43.15 | 7.63 | ppb |
| Strontium | 86-1 | 1.91 | 1.68 | 1.39 | 1.66 | 15.77 | ppb |
| Strontium | 88-1 | 2.23 | 1.85 | 1.51 | 1.86 | 19.24 | ppb |
| Sulfur | 34-1 | -48.28 | -63.68 | -105.07 | -72.34 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.11 | 0.11 | 0.09 | 0.10 | 12.00 | ppb |
| Thallium | 205-1 | 0.13 | 0.11 | 0.09 | 0.11 | 19.86 | ppb |
| Tin | 118-1 | 0.11 | 0.08 | 0.07 | 0.08 | 21.72 | ppb |
| Titanium | 47-1 | 0.85 | 0.68 | 0.58 | 0.70 | 19.37 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:17:14 | DataFile Name : | 115CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.07 | 0.05 | 0.04 | 0.06 | 25.65 | ppb |
| Vanadium | 51-2 | 0.04 | 0.04 | 0.03 | 0.04 | 26.22 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 0.67 | 0.58 | 0.52 | 0.59 | 12.74 | ppb |
| Zirconium | 90-1 | 0.11 | 0.09 | 0.08 | 0.09 | 17.65 | ppb |
| Zirconium | 91-1 | 0.12 | 0.10 | 0.09 | 0.10 | 15.90 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2913 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:20:32 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9506.83 | 9420.06 | 9447.34 | 9458.08 | 0.47 | ppb |
| Antimony | 121-1 | 1.51 | 1.52 | 1.53 | 1.52 | 0.68 | ppb |
| Arsenic | 75-2 | 11.58 | 11.25 | 11.42 | 11.42 | 1.44 | ppb |
| Barium | 135-1 | 127.52 | 126.72 | 129.22 | 127.82 | 1.00 | ppb |
| Barium | 137-1 | 130.61 | 129.61 | 131.48 | 130.57 | 0.72 | ppb |
| Beryllium | 9-1 | 1.62 | 1.74 | 1.71 | 1.69 | 3.76 | ppb |
| Bismuth | 209-1 | | | | 116 | | % |
| Bismuth | 209-2 | | | | 111 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.13 | 2.45 | 2.42 | 2.33 | 7.60 | ppb |
| Cadmium | 106-1 | 1.16 | 1.02 | 0.56 | 0.91 | 34.62 | ppb |
| Cadmium | 111-1 | 1.95 | 1.92 | 1.96 | 1.95 | 1.13 | ppb |
| Calcium | 43-1 | 51304.83 | 51115.96 | 50669.32 | 51030.04 | 0.64 | ppb |
| Calcium | 44-1 | 51234.91 | 50889.27 | 50751.22 | 50958.47 | 0.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 105.98 | 105.42 | 106.20 | 105.87 | 0.38 | ppb |
| Cobalt | 59-2 | 10.21 | 10.25 | 10.27 | 10.24 | 0.33 | ppb |
| Copper | 63-2 | 53.02 | 52.58 | 52.92 | 52.84 | 0.44 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 102834.31 | 101548.07 | 102670.10 | 102350.83 | 0.68 | ppb |
| Iron | 57-2 | 100834.04 | 101707.05 | 101408.71 | 101316.60 | 0.44 | ppb |
| Iron | 54-2 | 102354.90 | 102354.86 | 102130.83 | 102280.20 | 0.13 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2913 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:20:32 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 301.41 | 303.54 | 302.19 | 302.38 | 0.36 | ppb |
| Lead | 207-1 | 283.27 | 278.92 | 286.46 | 282.88 | 1.34 | ppb |
| Lead | 208-1 | 288.12 | 287.84 | 289.78 | 288.58 | 0.36 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 9716.00 | 9700.51 | 9652.00 | 9689.50 | 0.34 | ppb |
| Manganese | 55-2 | 3352.67 | 3327.36 | 3333.00 | 3337.68 | 0.40 | ppb |
| Molybdenum | 94-1 | 8.79 | 8.77 | 8.76 | 8.77 | 0.14 | ppb |
| Molybdenum | 95-1 | 6.29 | 6.31 | 6.38 | 6.33 | 0.79 | ppb |
| Molybdenum | 96-1 | 7.20 | 7.25 | 7.47 | 7.31 | 1.96 | ppb |
| Molybdenum | 97-1 | 6.41 | 6.32 | 6.39 | 6.37 | 0.77 | ppb |
| Molybdenum | 98-1 | 6.22 | 6.23 | 6.40 | 6.28 | 1.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 61.23 | 61.94 | 61.96 | 61.71 | 0.67 | ppb |
| Phosphorus | 31-2 | 568.00 | 533.99 | 549.73 | 550.58 | 3.09 | ppb |
| Potassium | 39-2 | 1273.70 | 1263.81 | 1271.11 | 1269.54 | 0.40 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 0.46 | 0.36 | 0.18 | 0.33 | 42.65 | ppb |
| Selenium | 77-2 | 2.35 | 3.56 | 4.39 | 3.43 | 29.95 | ppb |
| Selenium | 78-2 | 0.16 | -0.31 | 0.03 | -0.04 | | ppb |
| Silicon | 28-1 | 2153.85 | 2146.56 | 2132.80 | 2144.40 | 0.50 | ppb |
| Silver | 107-1 | 1.13 | 1.10 | 1.07 | 1.10 | 2.68 | ppb |
| Silver | 109-1 | 1.12 | 1.07 | 1.04 | 1.07 | 3.62 | ppb |
| Sodium | 23-2 | 285.54 | 281.22 | 285.46 | 284.07 | 0.87 | ppb |
| Strontium | 86-1 | 1850.28 | 1862.45 | 1908.93 | 1873.89 | 1.65 | ppb |
| Strontium | 88-1 | 1934.79 | 1927.82 | 1990.34 | 1950.98 | 1.76 | ppb |
| Sulfur | 34-1 | 557.98 | 444.03 | 480.87 | 494.29 | 11.76 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.60 | 0.58 | 0.57 | 0.58 | 3.18 | ppb |
| Thallium | 205-1 | 0.60 | 0.56 | 0.56 | 0.57 | 4.16 | ppb |
| Tin | 118-1 | 4.16 | 4.24 | 4.32 | 4.24 | 1.80 | ppb |
| Titanium | 47-1 | 264.99 | 260.24 | 265.40 | 263.54 | 1.09 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2913 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:20:32 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.76 | 0.76 | 0.78 | 0.76 | 1.35 | ppb |
| Vanadium | 51-2 | 30.82 | 30.78 | 30.90 | 30.84 | 0.19 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 698.47 | 698.85 | 700.73 | 699.35 | 0.17 | ppb |
| Zirconium | 90-1 | 1.86 | 1.88 | 2.02 | 1.92 | 4.59 | ppb |
| Zirconium | 91-1 | 1.93 | 1.83 | 1.96 | 1.91 | 3.69 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:23:37 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10481.45 | 10415.82 | 10369.40 | 10422.22 | 0.54 | ppb |
| Antimony | 121-1 | 2.45 | 2.43 | 2.44 | 2.44 | 0.53 | ppb |
| Arsenic | 75-2 | 18.62 | 18.40 | 18.11 | 18.37 | 1.40 | ppb |
| Barium | 135-1 | 252.53 | 250.60 | 250.71 | 251.28 | 0.43 | ppb |
| Barium | 137-1 | 255.49 | 254.76 | 253.93 | 254.73 | 0.31 | ppb |
| Beryllium | 9-1 | 1.48 | 1.50 | 1.46 | 1.48 | 1.45 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.85 | 4.48 | 4.52 | 4.62 | 4.42 | ppb |
| Cadmium | 106-1 | 4.09 | 4.21 | 3.40 | 3.90 | 11.17 | ppb |
| Cadmium | 111-1 | 4.38 | 4.39 | 4.40 | 4.39 | 0.22 | ppb |
| Calcium | 43-1 | 118784.28 | 119713.57 | 121238.15 | 119912.00 | 1.03 | ppb |
| Calcium | 44-1 | 119558.79 | 120263.58 | 120117.67 | 119980.01 | 0.31 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 591.92 | 593.19 | 596.46 | 593.86 | 0.39 | ppb |
| Cobalt | 59-2 | 13.14 | 13.19 | 13.30 | 13.21 | 0.62 | ppb |
| Copper | 63-2 | 84.76 | 84.92 | 85.83 | 85.17 | 0.68 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 198915.88 | 198969.56 | 200730.71 | 199538.72 | 0.52 | ppb |
| Iron | 57-2 | 197732.09 | 198844.51 | 198032.56 | 198203.05 | 0.29 | ppb |
| Iron | 54-2 | 198811.29 | 201050.70 | 200016.10 | 199959.36 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:23:37 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 818.82 | 814.22 | 800.79 | 811.28 | 1.16 | ppb |
| Lead | 207-1 | 761.94 | 737.11 | 759.42 | 752.82 | 1.81 | ppb |
| Lead | 208-1 | 781.50 | 770.55 | 775.62 | 775.89 | 0.71 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 21153.87 | 21210.02 | 21237.19 | 21200.36 | 0.20 | ppb |
| Manganese | 55-2 | 12961.91 | 13036.15 | 13087.44 | 13028.50 | 0.48 | ppb |
| Molybdenum | 94-1 | 19.22 | 19.51 | 19.13 | 19.29 | 1.04 | ppb |
| Molybdenum | 95-1 | 14.62 | 15.05 | 14.83 | 14.83 | 1.46 | ppb |
| Molybdenum | 96-1 | 16.71 | 17.06 | 16.80 | 16.86 | 1.06 | ppb |
| Molybdenum | 97-1 | 14.70 | 14.82 | 14.91 | 14.81 | 0.69 | ppb |
| Molybdenum | 98-1 | 14.78 | 14.78 | 14.94 | 14.83 | 0.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 224.74 | 226.46 | 225.41 | 225.54 | 0.39 | ppb |
| Phosphorus | 31-2 | 1403.63 | 1411.55 | 1378.94 | 1398.04 | 1.22 | ppb |
| Potassium | 39-2 | 1919.84 | 1937.58 | 1934.43 | 1930.62 | 0.49 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 0.74 | 0.66 | 0.96 | 0.79 | 19.16 | ppb |
| Selenium | 77-2 | 5.41 | 5.65 | 3.82 | 4.96 | 20.02 | ppb |
| Selenium | 78-2 | 0.04 | 1.08 | 1.51 | 0.88 | 86.15 | ppb |
| Silicon | 28-1 | 1632.04 | 1674.85 | 1674.04 | 1660.31 | 1.47 | ppb |
| Silver | 107-1 | 2.40 | 2.39 | 2.33 | 2.37 | 1.50 | ppb |
| Silver | 109-1 | 2.31 | 2.36 | 2.39 | 2.36 | 1.66 | ppb |
| Sodium | 23-2 | 389.65 | 381.33 | 382.99 | 384.66 | 1.14 | ppb |
| Strontium | 86-1 | 3280.48 | 3359.19 | 3341.82 | 3327.16 | 1.24 | ppb |
| Strontium | 88-1 | 3365.66 | 3425.81 | 3446.36 | 3412.61 | 1.23 | ppb |
| Sulfur | 34-1 | 1003.32 | 1086.08 | 1021.67 | 1037.02 | 4.19 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 1.19 | 1.23 | 1.18 | 1.20 | 2.36 | ppb |
| Thallium | 205-1 | 1.21 | 1.21 | 1.21 | 1.21 | 0.13 | ppb |
| Tin | 118-1 | 7.90 | 8.03 | 7.93 | 7.95 | 0.86 | ppb |
| Titanium | 47-1 | 668.47 | 680.76 | 676.48 | 675.24 | 0.92 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:23:37 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.94 | 0.92 | 0.91 | 0.92 | 1.69 | ppb |
| Vanadium | 51-2 | 115.35 | 115.52 | 115.96 | 115.61 | 0.28 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 1583.53 | 1541.97 | 1539.01 | 1554.83 | 1.60 | ppb |
| Zirconium | 90-1 | 3.87 | 3.90 | 3.90 | 3.89 | 0.42 | ppb |
| Zirconium | 91-1 | 3.93 | 3.91 | 3.89 | 3.91 | 0.52 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:26:42 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20117.56 | 20070.16 | 19798.66 | 19995.46 | 0.86 | ppb |
| Antimony | 121-1 | 49.17 | 49.17 | 49.10 | 49.15 | 0.09 | ppb |
| Arsenic | 75-2 | 14.25 | 14.42 | 14.27 | 14.31 | 0.65 | ppb |
| Barium | 135-1 | 301.68 | 302.53 | 301.67 | 301.96 | 0.16 | ppb |
| Barium | 137-1 | 322.97 | 319.69 | 320.81 | 321.16 | 0.52 | ppb |
| Beryllium | 9-1 | 1.58 | 1.52 | 1.56 | 1.55 | 2.15 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.73 | 3.84 | 3.93 | 3.83 | 2.57 | ppb |
| Cadmium | 106-1 | 3.58 | 3.37 | 2.27 | 3.07 | 22.89 | ppb |
| Cadmium | 111-1 | 3.38 | 3.29 | 3.24 | 3.30 | 2.18 | ppb |
| Calcium | 43-1 | 130162.39 | 129580.04 | 130934.58 | 130225.67 | 0.52 | ppb |
| Calcium | 44-1 | 129602.49 | 129968.09 | 130319.13 | 129963.24 | 0.28 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 562.59 | 565.94 | 557.77 | 562.10 | 0.73 | ppb |
| Cobalt | 59-2 | 10.78 | 10.69 | 10.55 | 10.67 | 1.08 | ppb |
| Copper | 63-2 | 800.56 | 789.57 | 782.15 | 790.76 | 1.17 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 216777.61 | 215359.10 | 212456.89 | 214864.53 | 1.03 | ppb |
| Iron | 57-2 | 214464.14 | 213460.79 | 211523.99 | 213149.64 | 0.70 | ppb |
| Iron | 54-2 | 216624.94 | 214767.30 | 214388.90 | 215260.38 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:26:42 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 728.92 | 719.42 | 710.46 | 719.60 | 1.28 | ppb |
| Lead | 207-1 | 669.80 | 665.92 | 673.81 | 669.85 | 0.59 | ppb |
| Lead | 208-1 | 690.80 | 685.35 | 685.76 | 687.30 | 0.44 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 20097.44 | 20030.72 | 19759.75 | 19962.63 | 0.90 | ppb |
| Manganese | 55-2 | 17756.31 | 17452.08 | 17580.84 | 17596.41 | 0.87 | ppb |
| Molybdenum | 94-1 | 17.03 | 17.17 | 17.06 | 17.08 | 0.46 | ppb |
| Molybdenum | 95-1 | 10.95 | 10.87 | 10.91 | 10.91 | 0.41 | ppb |
| Molybdenum | 96-1 | 12.98 | 12.76 | 12.92 | 12.89 | 0.89 | ppb |
| Molybdenum | 97-1 | 10.70 | 10.64 | 10.78 | 10.71 | 0.65 | ppb |
| Molybdenum | 98-1 | 10.67 | 10.68 | 10.70 | 10.68 | 0.14 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 155.93 | 156.60 | 155.94 | 156.16 | 0.25 | ppb |
| Phosphorus | 31-2 | 1343.97 | 1294.96 | 1301.90 | 1313.61 | 2.02 | ppb |
| Potassium | 39-2 | 1530.91 | 1513.41 | 1499.94 | 1514.76 | 1.03 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 0.69 | 1.01 | 0.83 | 0.84 | 18.77 | ppb |
| Selenium | 77-2 | 2.41 | 3.54 | 3.91 | 3.28 | 23.83 | ppb |
| Selenium | 78-2 | 0.38 | 0.61 | 0.56 | 0.52 | 22.57 | ppb |
| Silicon | 28-1 | 1799.39 | 1814.17 | 1807.85 | 1807.14 | 0.41 | ppb |
| Silver | 107-1 | 1.82 | 1.84 | 1.79 | 1.82 | 1.36 | ppb |
| Silver | 109-1 | 1.81 | 1.80 | 1.81 | 1.81 | 0.50 | ppb |
| Sodium | 23-2 | 375.89 | 371.09 | 366.39 | 371.12 | 1.28 | ppb |
| Strontium | 86-1 | 3059.38 | 3059.08 | 3080.38 | 3066.28 | 0.40 | ppb |
| Strontium | 88-1 | 3182.65 | 3171.67 | 3188.66 | 3180.99 | 0.27 | ppb |
| Sulfur | 34-1 | 848.45 | 869.79 | 886.56 | 868.27 | 2.20 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 1.29 | 1.33 | 1.30 | 1.31 | 1.60 | ppb |
| Thallium | 205-1 | 1.33 | 1.32 | 1.31 | 1.32 | 0.89 | ppb |
| Tin | 118-1 | 6.55 | 6.62 | 6.48 | 6.55 | 1.12 | ppb |
| Titanium | 47-1 | 720.07 | 726.41 | 729.44 | 725.31 | 0.66 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:26:42 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.99 | 1.00 | 1.00 | 1.00 | 0.76 | ppb |
| Vanadium | 51-2 | 128.93 | 128.89 | 127.47 | 128.43 | 0.65 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 1207.18 | 1197.36 | 1183.07 | 1195.87 | 1.01 | ppb |
| Zirconium | 90-1 | 4.53 | 4.59 | 4.59 | 4.57 | 0.78 | ppb |
| Zirconium | 91-1 | 4.51 | 4.67 | 4.60 | 4.59 | 1.77 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2916 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:29:43 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11152.18 | 11304.14 | 11192.80 | 11216.37 | 0.70 | ppb |
| Antimony | 121-1 | 1.21 | 1.22 | 1.24 | 1.22 | 0.87 | ppb |
| Arsenic | 75-2 | 15.17 | 15.32 | 15.21 | 15.23 | 0.50 | ppb |
| Barium | 135-1 | 134.49 | 132.26 | 133.40 | 133.38 | 0.84 | ppb |
| Barium | 137-1 | 136.61 | 132.67 | 135.72 | 135.00 | 1.53 | ppb |
| Beryllium | 9-1 | 0.96 | 0.94 | 0.99 | 0.97 | 2.52 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.96 | 2.62 | 2.41 | 2.66 | 10.52 | ppb |
| Cadmium | 106-1 | 1.44 | 1.28 | 1.49 | 1.40 | 7.71 | ppb |
| Cadmium | 111-1 | 2.21 | 2.13 | 2.12 | 2.15 | 2.40 | ppb |
| Calcium | 43-1 | 103831.74 | 102122.15 | 103135.08 | 103029.66 | 0.83 | ppb |
| Calcium | 44-1 | 103076.37 | 100854.50 | 102695.25 | 102208.70 | 1.16 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 185.22 | 185.30 | 185.02 | 185.18 | 0.08 | ppb |
| Cobalt | 59-2 | 14.58 | 14.71 | 14.54 | 14.61 | 0.61 | ppb |
| Copper | 63-2 | 57.43 | 57.08 | 57.28 | 57.27 | 0.31 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 96248.31 | 96789.71 | 96985.07 | 96674.36 | 0.39 | ppb |
| Iron | 57-2 | 94823.13 | 96602.46 | 95706.39 | 95710.66 | 0.93 | ppb |
| Iron | 54-2 | 96683.88 | 97314.43 | 96848.60 | 96948.97 | 0.34 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2916 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:29:43 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 359.74 | 352.69 | 357.77 | 356.73 | 1.02 | ppb |
| Lead | 207-1 | 333.54 | 330.03 | 330.61 | 331.39 | 0.57 | ppb |
| Lead | 208-1 | 341.31 | 336.65 | 337.02 | 338.33 | 0.77 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 28832.80 | 29003.00 | 28782.87 | 28872.89 | 0.40 | ppb |
| Manganese | 55-2 | 3903.66 | 3953.10 | 3952.14 | 3936.30 | 0.72 | ppb |
| Molybdenum | 94-1 | 8.04 | 8.04 | 8.10 | 8.06 | 0.45 | ppb |
| Molybdenum | 95-1 | 5.39 | 5.35 | 5.52 | 5.42 | 1.67 | ppb |
| Molybdenum | 96-1 | 6.31 | 6.31 | 6.52 | 6.38 | 1.89 | ppb |
| Molybdenum | 97-1 | 5.42 | 5.30 | 5.44 | 5.39 | 1.35 | ppb |
| Molybdenum | 98-1 | 5.36 | 5.36 | 5.44 | 5.39 | 0.80 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 93.69 | 94.67 | 92.34 | 93.57 | 1.25 | ppb |
| Phosphorus | 31-2 | 940.74 | 976.68 | 954.28 | 957.23 | 1.90 | ppb |
| Potassium | 39-2 | 1856.66 | 1876.89 | 1859.65 | 1864.40 | 0.59 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 0.60 | 0.30 | 0.77 | 0.55 | 42.51 | ppb |
| Selenium | 77-2 | 8.00 | 5.54 | 4.79 | 6.11 | 27.46 | ppb |
| Selenium | 78-2 | -0.47 | 0.65 | -0.73 | -0.18 | | ppb |
| Silicon | 28-1 | 1698.97 | 1622.85 | 1712.99 | 1678.27 | 2.89 | ppb |
| Silver | 107-1 | 1.11 | 1.09 | 1.11 | 1.10 | 1.29 | ppb |
| Silver | 109-1 | 1.09 | 1.06 | 1.10 | 1.08 | 1.92 | ppb |
| Sodium | 23-2 | 277.27 | 279.65 | 278.76 | 278.56 | 0.43 | ppb |
| Strontium | 86-1 | 2544.50 | 2556.14 | 2592.15 | 2564.26 | 0.97 | ppb |
| Strontium | 88-1 | 2600.45 | 2646.48 | 2674.97 | 2640.63 | 1.42 | ppb |
| Sulfur | 34-1 | 1066.18 | 997.96 | 1030.72 | 1031.62 | 3.31 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.49 | 0.50 | 0.49 | 0.49 | 1.38 | ppb |
| Thallium | 205-1 | 0.50 | 0.50 | 0.49 | 0.50 | 0.87 | ppb |
| Tin | 118-1 | 4.58 | 4.47 | 4.55 | 4.53 | 1.34 | ppb |
| Titanium | 47-1 | 296.87 | 290.26 | 293.26 | 293.46 | 1.13 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2916 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:29:43 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.99 | 1.01 | 1.01 | 1.01 | 1.19 | ppb |
| Vanadium | 51-2 | 59.25 | 59.30 | 59.03 | 59.19 | 0.24 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 819.59 | 815.83 | 812.12 | 815.85 | 0.46 | ppb |
| Zirconium | 90-1 | 1.92 | 1.96 | 1.97 | 1.95 | 1.40 | ppb |
| Zirconium | 91-1 | 1.99 | 2.00 | 1.98 | 1.99 | 0.50 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2917 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:32:51 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11592.43 | 11510.16 | 11631.08 | 11577.89 | 0.53 | ppb |
| Antimony | 121-1 | 2.68 | 2.65 | 2.61 | 2.65 | 1.29 | ppb |
| Arsenic | 75-2 | 12.93 | 12.51 | 12.38 | 12.61 | 2.30 | ppb |
| Barium | 135-1 | 132.17 | 131.97 | 130.77 | 131.64 | 0.58 | ppb |
| Barium | 137-1 | 134.84 | 133.71 | 132.25 | 133.60 | 0.97 | ppb |
| Beryllium | 9-1 | 1.40 | 1.46 | 1.56 | 1.47 | 5.42 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.74 | 3.58 | 3.76 | 3.69 | 2.60 | ppb |
| Cadmium | 106-1 | 2.59 | 2.65 | 2.27 | 2.50 | 8.21 | ppb |
| Cadmium | 111-1 | 3.16 | 3.21 | 3.26 | 3.21 | 1.59 | ppb |
| Calcium | 43-1 | 89045.13 | 91429.86 | 91277.86 | 90584.28 | 1.47 | ppb |
| Calcium | 44-1 | 89685.98 | 91708.94 | 90828.66 | 90741.20 | 1.12 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 219.02 | 217.38 | 218.78 | 218.39 | 0.41 | ppb |
| Cobalt | 59-2 | 12.72 | 12.25 | 12.66 | 12.54 | 2.03 | ppb |
| Copper | 63-2 | 54.53 | 54.67 | 54.47 | 54.56 | 0.19 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 114824.61 | 114523.62 | 115011.98 | 114786.74 | 0.21 | ppb |
| Iron | 57-2 | 114459.82 | 113077.88 | 113369.55 | 113635.75 | 0.64 | ppb |
| Iron | 54-2 | 115618.76 | 113582.33 | 114351.80 | 114517.63 | 0.90 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2917 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:32:51 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 459.05 | 468.35 | 463.96 | 463.79 | 1.00 | ppb |
| Lead | 207-1 | 427.60 | 435.08 | 431.47 | 431.38 | 0.87 | ppb |
| Lead | 208-1 | 437.00 | 444.27 | 438.39 | 439.89 | 0.88 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 26438.31 | 26356.50 | 26395.27 | 26396.69 | 0.16 | ppb |
| Manganese | 55-2 | 4765.12 | 4703.98 | 4725.56 | 4731.55 | 0.66 | ppb |
| Molybdenum | 94-1 | 7.22 | 7.24 | 7.09 | 7.18 | 1.18 | ppb |
| Molybdenum | 95-1 | 5.63 | 5.67 | 5.62 | 5.64 | 0.47 | ppb |
| Molybdenum | 96-1 | 6.59 | 6.61 | 6.65 | 6.61 | 0.46 | ppb |
| Molybdenum | 97-1 | 5.49 | 5.82 | 5.68 | 5.66 | 2.93 | ppb |
| Molybdenum | 98-1 | 5.55 | 5.72 | 5.55 | 5.61 | 1.72 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 104.01 | 102.92 | 102.88 | 103.27 | 0.62 | ppb |
| Phosphorus | 31-2 | 942.85 | 928.05 | 920.80 | 930.56 | 1.21 | ppb |
| Potassium | 39-2 | 1645.18 | 1631.85 | 1636.64 | 1637.89 | 0.41 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.63 | 0.69 | 0.72 | 0.68 | 6.27 | ppb |
| Selenium | 77-2 | 5.57 | 5.06 | 5.24 | 5.29 | 4.88 | ppb |
| Selenium | 78-2 | -0.10 | 0.12 | 0.76 | 0.26 | 169.66 | ppb |
| Silicon | 28-1 | 2196.24 | 2237.99 | 2223.80 | 2219.35 | 0.96 | ppb |
| Silver | 107-1 | 1.74 | 1.78 | 1.76 | 1.76 | 1.21 | ppb |
| Silver | 109-1 | 1.74 | 1.76 | 1.75 | 1.75 | 0.48 | ppb |
| Sodium | 23-2 | 345.87 | 340.04 | 343.25 | 343.05 | 0.85 | ppb |
| Strontium | 86-1 | 2554.31 | 2597.57 | 2571.42 | 2574.43 | 0.85 | ppb |
| Strontium | 88-1 | 2661.05 | 2625.26 | 2627.70 | 2638.00 | 0.76 | ppb |
| Sulfur | 34-1 | 947.47 | 1044.56 | 1018.77 | 1003.60 | 5.01 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.62 | 0.66 | 0.67 | 0.65 | 3.71 | ppb |
| Thallium | 205-1 | 0.64 | 0.65 | 0.63 | 0.64 | 1.17 | ppb |
| Tin | 118-1 | 5.40 | 5.40 | 5.37 | 5.39 | 0.25 | ppb |
| Titanium | 47-1 | 295.54 | 300.98 | 297.70 | 298.07 | 0.92 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2917 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:32:51 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.84 | 0.86 | 0.85 | 0.85 | 1.30 | ppb |
| Vanadium | 51-2 | 58.88 | 57.95 | 58.59 | 58.47 | 0.82 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 1188.22 | 1176.73 | 1181.36 | 1182.10 | 0.49 | ppb |
| Zirconium | 90-1 | 1.39 | 1.48 | 1.42 | 1.43 | 3.44 | ppb |
| Zirconium | 91-1 | 1.49 | 1.50 | 1.43 | 1.47 | 2.63 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2918 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:35:57 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10820.11 | 10679.65 | 10802.54 | 10767.43 | 0.71 | ppb |
| Antimony | 121-1 | 2.71 | 2.82 | 2.81 | 2.78 | 2.17 | ppb |
| Arsenic | 75-2 | 14.99 | 14.90 | 14.66 | 14.85 | 1.12 | ppb |
| Barium | 135-1 | 138.25 | 144.12 | 143.54 | 141.97 | 2.28 | ppb |
| Barium | 137-1 | 140.44 | 147.24 | 145.82 | 144.50 | 2.48 | ppb |
| Beryllium | 9-1 | 1.18 | 1.09 | 1.13 | 1.13 | 4.01 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.86 | 3.85 | 4.22 | 3.98 | 5.26 | ppb |
| Cadmium | 106-1 | 3.22 | 3.53 | 3.01 | 3.25 | 8.07 | ppb |
| Cadmium | 111-1 | 3.56 | 3.83 | 3.77 | 3.72 | 3.80 | ppb |
| Calcium | 43-1 | 91614.25 | 93402.80 | 93809.23 | 92942.09 | 1.26 | ppb |
| Calcium | 44-1 | 91299.75 | 93650.19 | 93517.46 | 92822.47 | 1.42 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 285.28 | 279.53 | 284.83 | 283.22 | 1.13 | ppb |
| Cobalt | 59-2 | 14.48 | 14.46 | 14.46 | 14.47 | 0.07 | ppb |
| Copper | 63-2 | 65.00 | 65.76 | 65.75 | 65.50 | 0.66 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 134572.49 | 135644.55 | 134239.33 | 134818.79 | 0.54 | ppb |
| Iron | 57-2 | 134021.72 | 135834.14 | 134165.98 | 134673.95 | 0.75 | ppb |
| Iron | 54-2 | 135000.27 | 136219.97 | 135382.29 | 135534.18 | 0.46 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2918 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:35:57 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 540.74 | 546.48 | 542.77 | 543.33 | 0.54 | ppb |
| Lead | 207-1 | 499.94 | 512.43 | 501.57 | 504.65 | 1.35 | ppb |
| Lead | 208-1 | 511.19 | 521.87 | 510.10 | 514.39 | 1.26 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 25153.73 | 25148.40 | 25145.03 | 25149.05 | 0.02 | ppb |
| Manganese | 55-2 | 6210.96 | 6221.67 | 6214.16 | 6215.60 | 0.09 | ppb |
| Molybdenum | 94-1 | 8.98 | 9.53 | 9.51 | 9.34 | 3.39 | ppb |
| Molybdenum | 95-1 | 6.94 | 7.39 | 7.25 | 7.19 | 3.22 | ppb |
| Molybdenum | 96-1 | 8.05 | 8.51 | 8.43 | 8.33 | 2.94 | ppb |
| Molybdenum | 97-1 | 6.91 | 7.21 | 7.17 | 7.10 | 2.29 | ppb |
| Molybdenum | 98-1 | 6.99 | 7.25 | 7.28 | 7.17 | 2.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 138.31 | 137.99 | 136.27 | 137.52 | 0.80 | ppb |
| Phosphorus | 31-2 | 1087.15 | 1076.62 | 1083.23 | 1082.33 | 0.49 | ppb |
| Potassium | 39-2 | 1686.42 | 1698.15 | 1700.42 | 1695.00 | 0.44 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.44 | 0.88 | 0.48 | 0.60 | 40.79 | ppb |
| Selenium | 77-2 | 5.42 | 7.17 | 5.71 | 6.10 | 15.35 | ppb |
| Selenium | 78-2 | -1.22 | 0.77 | 0.18 | -0.09 | | ppb |
| Silicon | 28-1 | 1582.42 | 1630.24 | 1620.45 | 1611.03 | 1.57 | ppb |
| Silver | 107-1 | 2.00 | 2.08 | 1.98 | 2.02 | 2.48 | ppb |
| Silver | 109-1 | 1.94 | 2.00 | 2.02 | 1.98 | 2.17 | ppb |
| Sodium | 23-2 | 291.71 | 292.30 | 293.15 | 292.39 | 0.25 | ppb |
| Strontium | 86-1 | 2360.64 | 2462.89 | 2444.66 | 2422.73 | 2.25 | ppb |
| Strontium | 88-1 | 2428.82 | 2542.04 | 2514.05 | 2494.97 | 2.36 | ppb |
| Sulfur | 34-1 | 961.23 | 1178.83 | 1062.29 | 1067.45 | 10.20 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.67 | 0.69 | 0.65 | 0.67 | 2.93 | ppb |
| Thallium | 205-1 | 0.66 | 0.67 | 0.67 | 0.67 | 1.48 | ppb |
| Tin | 118-1 | 6.21 | 6.43 | 6.31 | 6.32 | 1.81 | ppb |
| Titanium | 47-1 | 353.28 | 365.36 | 362.61 | 360.42 | 1.76 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2918 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:35:57 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.91 | 0.96 | 0.93 | 0.93 | 2.20 | ppb |
| Vanadium | 51-2 | 72.20 | 73.07 | 72.69 | 72.65 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 1316.63 | 1328.54 | 1322.34 | 1322.50 | 0.45 | ppb |
| Zirconium | 90-1 | 1.82 | 1.88 | 1.93 | 1.88 | 2.97 | ppb |
| Zirconium | 91-1 | 1.81 | 1.93 | 1.93 | 1.89 | 3.54 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:39:06 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13915.74 | 14068.14 | 14045.14 | 14009.67 | 0.59 | ppb |
| Antimony | 121-1 | 1.57 | 1.60 | 1.61 | 1.60 | 1.32 | ppb |
| Arsenic | 75-2 | 14.90 | 15.07 | 14.93 | 14.97 | 0.59 | ppb |
| Barium | 135-1 | 173.04 | 175.57 | 172.73 | 173.78 | 0.90 | ppb |
| Barium | 137-1 | 176.07 | 179.25 | 176.81 | 177.38 | 0.94 | ppb |
| Beryllium | 9-1 | 1.19 | 1.18 | 1.20 | 1.19 | 0.72 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.09 | 4.69 | 5.37 | 5.05 | 6.79 | ppb |
| Cadmium | 106-1 | 4.49 | 4.32 | 4.19 | 4.33 | 3.44 | ppb |
| Cadmium | 111-1 | 4.64 | 4.72 | 4.64 | 4.67 | 0.99 | ppb |
| Calcium | 43-1 | 129165.23 | 131404.51 | 132512.00 | 131027.25 | 1.30 | ppb |
| Calcium | 44-1 | 130091.08 | 131092.43 | 132004.74 | 131062.75 | 0.73 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 613.90 | 475.75 | 479.02 | 522.89 | 15.08 | ppb |
| Cobalt | 59-2 | 17.70 | 17.78 | 17.68 | 17.72 | 0.31 | ppb |
| Copper | 63-2 | 76.01 | 76.66 | 76.50 | 76.39 | 0.45 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 162458.29 | 163393.58 | 161024.41 | 162292.09 | 0.74 | ppb |
| Iron | 57-2 | 160634.33 | 162816.72 | 162125.46 | 161858.83 | 0.69 | ppb |
| Iron | 54-2 | 162151.27 | 164283.43 | 161288.50 | 162574.40 | 0.95 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:39:06 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 558.81 | 561.11 | 565.29 | 561.74 | 0.59 | ppb |
| Lead | 207-1 | 522.72 | 525.62 | 524.40 | 524.24 | 0.28 | ppb |
| Lead | 208-1 | 533.02 | 534.50 | 535.55 | 534.35 | 0.24 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 32266.04 | 32848.94 | 32425.00 | 32513.33 | 0.93 | ppb |
| Manganese | 55-2 | 10076.46 | 10195.98 | 10127.46 | 10133.30 | 0.59 | ppb |
| Molybdenum | 94-1 | 13.39 | 13.73 | 13.43 | 13.51 | 1.38 | ppb |
| Molybdenum | 95-1 | 9.12 | 9.26 | 9.17 | 9.18 | 0.79 | ppb |
| Molybdenum | 96-1 | 10.69 | 10.79 | 10.72 | 10.73 | 0.47 | ppb |
| Molybdenum | 97-1 | 9.02 | 9.24 | 9.19 | 9.15 | 1.28 | ppb |
| Molybdenum | 98-1 | 9.03 | 9.04 | 9.10 | 9.05 | 0.40 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 168.71 | 170.00 | 168.14 | 168.95 | 0.56 | ppb |
| Phosphorus | 31-2 | 1524.42 | 1593.64 | 1495.16 | 1537.74 | 3.29 | ppb |
| Potassium | 39-2 | 2285.96 | 2246.69 | 2276.23 | 2269.63 | 0.90 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.98 | 0.59 | 0.72 | 0.76 | 26.04 | ppb |
| Selenium | 77-2 | 5.19 | 6.98 | 4.96 | 5.71 | 19.33 | ppb |
| Selenium | 78-2 | 1.32 | 0.67 | 0.39 | 0.79 | 60.24 | ppb |
| Silicon | 28-1 | 1873.09 | 1968.10 | 2045.03 | 1962.08 | 4.39 | ppb |
| Silver | 107-1 | 2.01 | 2.01 | 2.00 | 2.01 | 0.28 | ppb |
| Silver | 109-1 | 1.97 | 1.98 | 1.97 | 1.97 | 0.25 | ppb |
| Sodium | 23-2 | 339.22 | 340.84 | 339.01 | 339.69 | 0.30 | ppb |
| Strontium | 86-1 | 3472.81 | 3535.21 | 3468.17 | 3492.06 | 1.07 | ppb |
| Strontium | 88-1 | 3589.57 | 3652.26 | 3576.54 | 3606.12 | 1.12 | ppb |
| Sulfur | 34-1 | 1190.53 | 1280.94 | 1307.03 | 1259.50 | 4.85 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.68 | 0.72 | 0.69 | 0.70 | 2.94 | ppb |
| Thallium | 205-1 | 0.69 | 0.70 | 0.69 | 0.69 | 0.88 | ppb |
| Tin | 118-1 | 6.21 | 6.33 | 6.15 | 6.23 | 1.53 | ppb |
| Titanium | 47-1 | 620.60 | 628.52 | 629.69 | 626.27 | 0.79 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:39:06 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.16 | 1.19 | 1.21 | 1.19 | 2.32 | ppb |
| Vanadium | 51-2 | 130.09 | 129.74 | 129.61 | 129.82 | 0.19 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 1397.59 | 1413.26 | 1406.89 | 1405.91 | 0.56 | ppb |
| Zirconium | 90-1 | 3.21 | 4.04 | 3.20 | 3.49 | 13.90 | ppb |
| Zirconium | 91-1 | 3.37 | 3.51 | 3.42 | 3.44 | 2.09 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:42:09 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14376.28 | 14349.17 | 14505.16 | 14410.20 | 0.58 | ppb |
| Antimony | 121-1 | 2.29 | 2.35 | 2.33 | 2.32 | 1.33 | ppb |
| Arsenic | 75-2 | 20.19 | 19.98 | 20.42 | 20.19 | 1.09 | ppb |
| Barium | 135-1 | 181.18 | 183.71 | 184.91 | 183.27 | 1.04 | ppb |
| Barium | 137-1 | 183.01 | 185.21 | 188.52 | 185.58 | 1.49 | ppb |
| Beryllium | 9-1 | 1.48 | 1.61 | 1.66 | 1.58 | 5.95 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 7.63 | 7.11 | 7.98 | 7.57 | 5.77 | ppb |
| Cadmium | 106-1 | 6.78 | 7.14 | 7.46 | 7.13 | 4.81 | ppb |
| Cadmium | 111-1 | 6.75 | 6.93 | 6.85 | 6.85 | 1.29 | ppb |
| Calcium | 43-1 | 119426.70 | 121747.65 | 124334.64 | 121836.33 | 2.02 | ppb |
| Calcium | 44-1 | 119150.54 | 121011.97 | 122542.14 | 120901.55 | 1.40 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 679.42 | 684.79 | 678.71 | 680.97 | 0.49 | ppb |
| Cobalt | 59-2 | 17.26 | 16.77 | 16.87 | 16.97 | 1.54 | ppb |
| Copper | 63-2 | 106.55 | 105.86 | 107.36 | 106.59 | 0.70 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 263753.12 | 259207.91 | 261279.32 | 261413.45 | 0.87 | ppb |
| Iron | 57-2 | 260554.70 | 259682.89 | 257755.70 | 259331.10 | 0.55 | ppb |
| Iron | 54-2 | 261458.99 | 260662.31 | 261201.32 | 261107.54 | 0.16 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:42:09 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 965.68 | 983.31 | 1002.34 | 983.78 | 1.86 | ppb |
| Lead | 207-1 | 904.82 | 917.22 | 916.76 | 912.93 | 0.77 | ppb |
| Lead | 208-1 | 925.23 | 941.07 | 945.23 | 937.18 | 1.13 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 22925.31 | 22733.84 | 22634.64 | 22764.59 | 0.65 | ppb |
| Manganese | 55-2 | 13940.42 | 13858.30 | 14012.85 | 13937.19 | 0.55 | ppb |
| Molybdenum | 94-1 | 17.48 | 17.86 | 17.99 | 17.78 | 1.49 | ppb |
| Molybdenum | 95-1 | 12.78 | 12.97 | 12.94 | 12.90 | 0.79 | ppb |
| Molybdenum | 96-1 | 14.90 | 15.31 | 15.39 | 15.20 | 1.73 | ppb |
| Molybdenum | 97-1 | 12.63 | 13.26 | 12.81 | 12.90 | 2.53 | ppb |
| Molybdenum | 98-1 | 12.67 | 12.97 | 12.91 | 12.85 | 1.24 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 246.81 | 244.50 | 245.66 | 245.65 | 0.47 | ppb |
| Phosphorus | 31-2 | 1667.62 | 1666.90 | 1661.83 | 1665.45 | 0.19 | ppb |
| Potassium | 39-2 | 1807.09 | 1803.51 | 1803.46 | 1804.68 | 0.12 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.71 | 0.93 | 0.61 | 0.75 | 21.59 | ppb |
| Selenium | 77-2 | 4.81 | 5.09 | 6.14 | 5.35 | 13.16 | ppb |
| Selenium | 78-2 | -0.26 | -0.48 | -0.30 | -0.35 | | ppb |
| Silicon | 28-1 | 1638.53 | 1661.40 | 1698.19 | 1666.04 | 1.81 | ppb |
| Silver | 107-1 | 3.72 | 3.75 | 3.81 | 3.76 | 1.19 | ppb |
| Silver | 109-1 | 3.67 | 3.73 | 3.77 | 3.72 | 1.45 | ppb |
| Sodium | 23-2 | 412.62 | 410.68 | 412.59 | 411.96 | 0.27 | ppb |
| Strontium | 86-1 | 3615.14 | 3757.63 | 3690.42 | 3687.73 | 1.93 | ppb |
| Strontium | 88-1 | 3776.80 | 3853.13 | 3808.21 | 3812.71 | 1.01 | ppb |
| Sulfur | 34-1 | 1033.02 | 1149.58 | 1134.46 | 1105.69 | 5.73 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 1.17 | 1.16 | 1.18 | 1.17 | 1.04 | ppb |
| Thallium | 205-1 | 1.16 | 1.17 | 1.17 | 1.17 | 0.56 | ppb |
| Tin | 118-1 | 11.23 | 11.58 | 11.68 | 11.50 | 2.04 | ppb |
| Titanium | 47-1 | 693.14 | 711.73 | 715.63 | 706.83 | 1.70 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:42:09 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.27 | 1.28 | 1.27 | 1.27 | 0.44 | ppb |
| Vanadium | 51-2 | 165.92 | 164.80 | 163.96 | 164.89 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 2821.13 | 2823.90 | 2840.84 | 2828.62 | 0.38 | ppb |
| Zirconium | 90-1 | 3.74 | 3.93 | 3.93 | 3.87 | 2.90 | ppb |
| Zirconium | 91-1 | 3.82 | 3.95 | 3.91 | 3.89 | 1.70 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2921 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:45:16 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21947.77 | 21751.27 | 21768.83 | 21822.62 | 0.50 | ppb |
| Antimony | 121-1 | 0.55 | 0.55 | 0.56 | 0.56 | 1.45 | ppb |
| Arsenic | 75-2 | 14.22 | 14.43 | 14.65 | 14.43 | 1.49 | ppb |
| Barium | 135-1 | 243.74 | 243.29 | 243.32 | 243.45 | 0.10 | ppb |
| Barium | 137-1 | 246.50 | 247.58 | 247.84 | 247.31 | 0.29 | ppb |
| Beryllium | 9-1 | 1.34 | 1.39 | 1.33 | 1.35 | 2.27 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.78 | 0.98 | 0.78 | 0.85 | 13.36 | ppb |
| Cadmium | 106-1 | 0.12 | -0.05 | -0.55 | -0.16 | | ppb |
| Cadmium | 111-1 | 0.33 | 0.29 | 0.29 | 0.30 | 7.93 | ppb |
| Calcium | 43-1 | 83134.97 | 83546.02 | 83609.90 | 83430.30 | 0.31 | ppb |
| Calcium | 44-1 | 82594.10 | 82248.86 | 83145.72 | 82662.90 | 0.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 47.50 | 47.51 | 46.83 | 47.28 | 0.83 | ppb |
| Cobalt | 59-2 | 26.29 | 26.41 | 26.25 | 26.32 | 0.31 | ppb |
| Copper | 63-2 | 39.25 | 39.63 | 39.74 | 39.54 | 0.64 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 55516.49 | 55855.62 | 55556.65 | 55642.92 | 0.33 | ppb |
| Iron | 57-2 | 55412.99 | 55331.37 | 55264.98 | 55336.45 | 0.13 | ppb |
| Iron | 54-2 | 55495.85 | 56040.56 | 55754.09 | 55763.50 | 0.49 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2921 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:45:16 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 36.45 | 35.46 | 36.93 | 36.28 | 2.06 | ppb |
| Lead | 207-1 | 32.90 | 32.47 | 33.18 | 32.85 | 1.09 | ppb |
| Lead | 208-1 | 33.93 | 33.45 | 34.59 | 33.99 | 1.68 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 27676.42 | 27617.50 | 27507.24 | 27600.39 | 0.31 | ppb |
| Manganese | 55-2 | 963.85 | 970.49 | 962.21 | 965.52 | 0.45 | ppb |
| Molybdenum | 94-1 | 12.35 | 12.60 | 12.65 | 12.53 | 1.29 | ppb |
| Molybdenum | 95-1 | 2.54 | 2.59 | 2.57 | 2.57 | 1.02 | ppb |
| Molybdenum | 96-1 | 3.88 | 4.15 | 4.00 | 4.01 | 3.39 | ppb |
| Molybdenum | 97-1 | 2.61 | 2.63 | 2.56 | 2.60 | 1.36 | ppb |
| Molybdenum | 98-1 | 2.54 | 2.62 | 2.59 | 2.58 | 1.56 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 68.12 | 67.67 | 68.01 | 67.94 | 0.34 | ppb |
| Phosphorus | 31-2 | 856.72 | 883.46 | 878.29 | 872.82 | 1.63 | ppb |
| Potassium | 39-2 | 3198.59 | 3076.38 | 3136.20 | 3137.06 | 1.95 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 0.59 | 0.40 | 0.15 | 0.38 | 57.60 | ppb |
| Selenium | 77-2 | 9.56 | 9.78 | 8.04 | 9.13 | 10.40 | ppb |
| Selenium | 78-2 | 0.11 | 1.02 | -1.00 | 0.04 | 2378.10 | ppb |
| Silicon | 28-1 | 1815.75 | 1853.85 | 1853.46 | 1841.02 | 1.19 | ppb |
| Silver | 107-1 | 0.14 | 0.13 | 0.12 | 0.13 | 11.09 | ppb |
| Silver | 109-1 | 0.14 | 0.11 | 0.12 | 0.12 | 13.25 | ppb |
| Sodium | 23-2 | 251.61 | 251.86 | 252.93 | 252.14 | 0.28 | ppb |
| Strontium | 86-1 | 2828.00 | 2891.63 | 2855.29 | 2858.30 | 1.12 | ppb |
| Strontium | 88-1 | 2935.88 | 2996.94 | 2973.67 | 2968.83 | 1.04 | ppb |
| Sulfur | 34-1 | 693.86 | 735.23 | 782.42 | 737.17 | 6.01 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.19 | 0.20 | 0.21 | 0.20 | 4.33 | ppb |
| Thallium | 205-1 | 0.19 | 0.20 | 0.20 | 0.20 | 1.72 | ppb |
| Tin | 118-1 | 0.92 | 0.93 | 0.93 | 0.93 | 0.78 | ppb |
| Titanium | 47-1 | 212.04 | 213.84 | 216.54 | 214.14 | 1.06 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2921 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:45:16 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.51 | 1.52 | 1.55 | 1.53 | 1.17 | ppb |
| Vanadium | 51-2 | 63.67 | 63.39 | 63.39 | 63.48 | 0.25 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 149.08 | 148.29 | 147.01 | 148.13 | 0.71 | ppb |
| Zirconium | 90-1 | 5.65 | 5.85 | 5.79 | 5.76 | 1.74 | ppb |
| Zirconium | 91-1 | 5.67 | 5.96 | 5.80 | 5.81 | 2.52 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:48:26 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19677.10 | 19548.88 | 19696.63 | 19640.87 | 0.41 | ppb |
| Antimony | 121-1 | 0.41 | 0.44 | 0.42 | 0.42 | 2.90 | ppb |
| Arsenic | 75-2 | 19.10 | 18.46 | 19.02 | 18.86 | 1.85 | ppb |
| Barium | 135-1 | 153.48 | 160.44 | 160.46 | 158.13 | 2.55 | ppb |
| Barium | 137-1 | 155.53 | 163.06 | 164.71 | 161.10 | 3.04 | ppb |
| Beryllium | 9-1 | 1.27 | 1.25 | 1.30 | 1.27 | 1.94 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.15 | 1.10 | 1.05 | 1.10 | 4.60 | ppb |
| Cadmium | 106-1 | -0.41 | 0.51 | -0.36 | -0.09 | | ppb |
| Cadmium | 111-1 | 0.43 | 0.52 | 0.46 | 0.47 | 10.16 | ppb |
| Calcium | 43-1 | 101019.79 | 104807.95 | 104134.61 | 103320.78 | 1.96 | ppb |
| Calcium | 44-1 | 100885.01 | 105183.81 | 104883.85 | 103650.89 | 2.32 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 47.60 | 46.72 | 46.68 | 47.00 | 1.10 | ppb |
| Cobalt | 59-2 | 26.85 | 26.52 | 27.01 | 26.79 | 0.93 | ppb |
| Copper | 63-2 | 53.88 | 53.30 | 53.93 | 53.71 | 0.65 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 54931.04 | 54657.39 | 55082.26 | 54890.23 | 0.39 | ppb |
| Iron | 57-2 | 54643.30 | 54006.05 | 54928.39 | 54525.91 | 0.87 | ppb |
| Iron | 54-2 | 54154.32 | 54847.37 | 54806.24 | 54602.64 | 0.71 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:48:26 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 45.13 | 47.88 | 47.41 | 46.81 | 3.14 | ppb |
| Lead | 207-1 | 41.09 | 42.99 | 42.57 | 42.22 | 2.35 | ppb |
| Lead | 208-1 | 42.41 | 44.81 | 44.48 | 43.90 | 2.95 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 40358.84 | 40218.29 | 40070.23 | 40215.79 | 0.36 | ppb |
| Manganese | 55-2 | 1108.75 | 1100.84 | 1115.87 | 1108.49 | 0.68 | ppb |
| Molybdenum | 94-1 | 10.86 | 11.34 | 11.51 | 11.24 | 3.02 | ppb |
| Molybdenum | 95-1 | 3.11 | 3.33 | 3.30 | 3.25 | 3.76 | ppb |
| Molybdenum | 96-1 | 4.29 | 4.53 | 4.55 | 4.46 | 3.30 | ppb |
| Molybdenum | 97-1 | 3.11 | 3.34 | 3.32 | 3.26 | 3.82 | ppb |
| Molybdenum | 98-1 | 3.11 | 3.30 | 3.27 | 3.23 | 3.21 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 71.19 | 70.70 | 70.60 | 70.83 | 0.45 | ppb |
| Phosphorus | 31-2 | 1044.41 | 1029.17 | 1051.44 | 1041.67 | 1.09 | ppb |
| Potassium | 39-2 | 2960.99 | 2962.95 | 2983.69 | 2969.21 | 0.42 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.71 | 0.61 | 0.18 | 0.50 | 55.85 | ppb |
| Selenium | 77-2 | 10.37 | 10.76 | 8.97 | 10.03 | 9.39 | ppb |
| Selenium | 78-2 | 0.67 | 1.67 | 0.33 | 0.89 | 78.37 | ppb |
| Silicon | 28-1 | 1718.95 | 1804.75 | 1835.47 | 1786.39 | 3.38 | ppb |
| Silver | 107-1 | 0.17 | 0.18 | 0.18 | 0.17 | 1.53 | ppb |
| Silver | 109-1 | 0.16 | 0.17 | 0.17 | 0.17 | 5.20 | ppb |
| Sodium | 23-2 | 266.69 | 266.87 | 266.37 | 266.65 | 0.09 | ppb |
| Strontium | 86-1 | 2566.53 | 2693.73 | 2711.07 | 2657.11 | 2.97 | ppb |
| Strontium | 88-1 | 2661.41 | 2838.51 | 2766.21 | 2755.37 | 3.23 | ppb |
| Sulfur | 34-1 | 777.56 | 995.71 | 978.47 | 917.25 | 13.22 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.25 | 0.26 | 0.27 | 0.26 | 3.10 | ppb |
| Thallium | 205-1 | 0.25 | 0.26 | 0.27 | 0.26 | 3.55 | ppb |
| Tin | 118-1 | 1.06 | 1.13 | 1.14 | 1.11 | 4.15 | ppb |
| Titanium | 47-1 | 223.23 | 233.22 | 233.13 | 229.86 | 2.50 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:48:26 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.68 | 1.75 | 1.72 | 1.72 | 2.13 | ppb |
| Vanadium | 51-2 | 57.24 | 56.96 | 57.12 | 57.11 | 0.25 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 167.60 | 165.34 | 168.55 | 167.17 | 0.99 | ppb |
| Zirconium | 90-1 | 4.48 | 4.77 | 4.73 | 4.66 | 3.37 | ppb |
| Zirconium | 91-1 | 4.45 | 4.80 | 4.85 | 4.70 | 4.64 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:51:37 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19498.33 | 19676.44 | 19600.59 | 19591.79 | 0.46 | ppb |
| Antimony | 121-1 | 0.42 | 0.44 | 0.44 | 0.43 | 2.41 | ppb |
| Arsenic | 75-2 | 19.13 | 19.05 | 18.76 | 18.98 | 1.03 | ppb |
| Barium | 135-1 | 157.93 | 160.45 | 162.28 | 160.22 | 1.36 | ppb |
| Barium | 137-1 | 161.16 | 163.08 | 165.23 | 163.16 | 1.25 | ppb |
| Beryllium | 9-1 | 1.26 | 1.34 | 1.27 | 1.29 | 3.29 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.10 | 1.04 | 0.92 | 1.02 | 9.41 | ppb |
| Cadmium | 106-1 | 0.18 | 0.10 | 0.52 | 0.27 | 81.90 | ppb |
| Cadmium | 111-1 | 0.48 | 0.50 | 0.58 | 0.52 | 9.76 | ppb |
| Calcium | 43-1 | 103295.26 | 103738.22 | 105888.01 | 104307.16 | 1.33 | ppb |
| Calcium | 44-1 | 103351.19 | 104450.56 | 105254.47 | 104352.07 | 0.92 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 45.94 | 46.04 | 45.49 | 45.82 | 0.63 | ppb |
| Cobalt | 59-2 | 26.86 | 27.35 | 26.98 | 27.06 | 0.96 | ppb |
| Copper | 63-2 | 53.41 | 54.40 | 53.40 | 53.74 | 1.08 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 54250.20 | 54908.75 | 54724.58 | 54627.84 | 0.62 | ppb |
| Iron | 57-2 | 54227.16 | 55584.29 | 54387.13 | 54732.86 | 1.36 | ppb |
| Iron | 54-2 | 54690.71 | 55134.69 | 54666.83 | 54830.74 | 0.48 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:51:37 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 46.60 | 46.97 | 47.27 | 46.95 | 0.72 | ppb |
| Lead | 207-1 | 42.47 | 42.37 | 42.79 | 42.54 | 0.51 | ppb |
| Lead | 208-1 | 43.61 | 43.87 | 44.19 | 43.89 | 0.66 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 40247.08 | 40702.17 | 40317.32 | 40422.19 | 0.61 | ppb |
| Manganese | 55-2 | 1111.75 | 1130.48 | 1102.79 | 1115.01 | 1.27 | ppb |
| Molybdenum | 94-1 | 11.20 | 11.31 | 11.38 | 11.30 | 0.83 | ppb |
| Molybdenum | 95-1 | 3.22 | 3.27 | 3.28 | 3.26 | 0.93 | ppb |
| Molybdenum | 96-1 | 4.48 | 4.55 | 4.65 | 4.56 | 1.84 | ppb |
| Molybdenum | 97-1 | 3.32 | 3.27 | 3.27 | 3.29 | 0.91 | ppb |
| Molybdenum | 98-1 | 3.24 | 3.24 | 3.30 | 3.26 | 0.99 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 69.78 | 70.84 | 70.51 | 70.37 | 0.77 | ppb |
| Phosphorus | 31-2 | 1044.96 | 1068.06 | 1033.95 | 1048.99 | 1.66 | ppb |
| Potassium | 39-2 | 2909.82 | 3008.10 | 2937.59 | 2951.84 | 1.72 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.75 | 0.21 | 0.19 | 0.38 | 84.22 | ppb |
| Selenium | 77-2 | 12.07 | 10.77 | 9.43 | 10.76 | 12.27 | ppb |
| Selenium | 78-2 | 0.38 | 0.22 | -0.02 | 0.19 | 104.46 | ppb |
| Silicon | 28-1 | 1812.22 | 1806.12 | 1802.98 | 1807.11 | 0.26 | ppb |
| Silver | 107-1 | 0.17 | 0.17 | 0.18 | 0.17 | 5.65 | ppb |
| Silver | 109-1 | 0.16 | 0.17 | 0.16 | 0.16 | 3.20 | ppb |
| Sodium | 23-2 | 266.80 | 269.38 | 269.50 | 268.56 | 0.57 | ppb |
| Strontium | 86-1 | 2647.67 | 2677.62 | 2711.59 | 2678.96 | 1.19 | ppb |
| Strontium | 88-1 | 2730.10 | 2780.27 | 2781.08 | 2763.82 | 1.06 | ppb |
| Sulfur | 34-1 | 829.39 | 810.72 | 911.80 | 850.63 | 6.32 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.24 | 0.25 | 0.27 | 0.25 | 4.39 | ppb |
| Thallium | 205-1 | 0.26 | 0.26 | 0.25 | 0.25 | 1.36 | ppb |
| Tin | 118-1 | 1.10 | 1.09 | 1.10 | 1.10 | 0.70 | ppb |
| Titanium | 47-1 | 228.30 | 230.02 | 233.12 | 230.48 | 1.06 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:51:37 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.69 | 1.70 | 1.75 | 1.71 | 1.98 | ppb |
| Vanadium | 51-2 | 56.71 | 57.28 | 56.68 | 56.89 | 0.59 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 166.85 | 166.87 | 164.90 | 166.21 | 0.68 | ppb |
| Zirconium | 90-1 | 4.68 | 4.77 | 4.83 | 4.76 | 1.61 | ppb |
| Zirconium | 91-1 | 4.77 | 4.82 | 4.88 | 4.82 | 1.19 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 19:54:45 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5021.16 | 3815.83 | 3880.13 | 4239.04 | 16.00 | ppb |
| Antimony | 121-1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.84 | ppb |
| Arsenic | 75-2 | 4.90 | 3.85 | 3.97 | 4.24 | 13.55 | ppb |
| Barium | 135-1 | 33.25 | 32.77 | 32.89 | 32.97 | 0.76 | ppb |
| Barium | 137-1 | 33.79 | 33.45 | 33.10 | 33.45 | 1.03 | ppb |
| Beryllium | 9-1 | 0.23 | 0.23 | 0.28 | 0.25 | 11.43 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.13 | 0.13 | 0.25 | 0.17 | 42.63 | ppb |
| Cadmium | 106-1 | -0.70 | -0.53 | -0.47 | -0.57 | | ppb |
| Cadmium | 111-1 | 0.08 | 0.07 | 0.07 | 0.07 | 4.60 | ppb |
| Calcium | 43-1 | 22532.63 | 22372.01 | 22459.97 | 22454.87 | 0.36 | ppb |
| Calcium | 44-1 | 21308.37 | 21435.86 | 21397.73 | 21380.66 | 0.31 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 12.25 | 9.25 | 9.20 | 10.23 | 17.05 | ppb |
| Cobalt | 59-2 | 7.06 | 5.42 | 5.42 | 5.97 | 15.92 | ppb |
| Copper | 63-2 | 15.16 | 11.30 | 11.59 | 12.68 | 16.94 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 14270.46 | 10826.97 | 10933.42 | 12010.28 | 16.30 | ppb |
| Iron | 57-2 | 14436.95 | 10980.57 | 11027.41 | 12148.31 | 16.32 | ppb |
| Iron | 54-2 | 14370.17 | 10697.35 | 11020.66 | 12029.39 | 16.91 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 19:54:45 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9.46 | 9.53 | 9.53 | 9.51 | 0.45 | ppb |
| Lead | 207-1 | 8.69 | 8.69 | 8.66 | 8.68 | 0.18 | ppb |
| Lead | 208-1 | 8.88 | 8.93 | 8.91 | 8.91 | 0.29 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 10591.70 | 8009.96 | 8015.27 | 8872.31 | 16.78 | ppb |
| Manganese | 55-2 | 282.94 | 215.57 | 218.99 | 239.17 | 15.87 | ppb |
| Molybdenum | 94-1 | 2.37 | 2.44 | 2.41 | 2.41 | 1.31 | ppb |
| Molybdenum | 95-1 | 0.68 | 0.70 | 0.73 | 0.70 | 3.28 | ppb |
| Molybdenum | 96-1 | 0.94 | 0.94 | 0.96 | 0.95 | 1.56 | ppb |
| Molybdenum | 97-1 | 0.68 | 0.75 | 0.67 | 0.70 | 6.06 | ppb |
| Molybdenum | 98-1 | 0.69 | 0.70 | 0.69 | 0.69 | 0.83 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.94 | 13.75 | 14.41 | 15.70 | 18.00 | ppb |
| Phosphorus | 31-2 | 259.29 | 199.78 | 192.81 | 217.29 | 16.81 | ppb |
| Potassium | 39-2 | 826.76 | 612.36 | 620.82 | 686.65 | 17.68 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 85 | | % |
| Selenium | 82-1 | 0.02 | -0.07 | -0.57 | -0.21 | | ppb |
| Selenium | 77-2 | 3.68 | 1.75 | 2.58 | 2.67 | 36.22 | ppb |
| Selenium | 78-2 | 0.87 | 0.32 | -1.64 | -0.15 | | ppb |
| Silicon | 28-1 | 368.75 | 369.01 | 371.85 | 369.87 | 0.46 | ppb |
| Silver | 107-1 | 0.04 | 0.04 | 0.04 | 0.04 | 8.73 | ppb |
| Silver | 109-1 | 0.03 | 0.04 | 0.04 | 0.04 | 6.72 | ppb |
| Sodium | 23-2 | 98.11 | 66.86 | 68.77 | 77.91 | 22.48 | ppb |
| Strontium | 86-1 | 574.17 | 570.74 | 580.88 | 575.26 | 0.90 | ppb |
| Strontium | 88-1 | 568.35 | 574.62 | 579.64 | 574.20 | 0.99 | ppb |
| Sulfur | 34-1 | 201.25 | 204.09 | 199.87 | 201.74 | 1.07 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.04 | 0.03 | 0.04 | 0.04 | 7.61 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.04 | 0.04 | 2.15 | ppb |
| Tin | 118-1 | 0.21 | 0.23 | 0.20 | 0.21 | 5.42 | ppb |
| Titanium | 47-1 | 47.10 | 47.65 | 47.59 | 47.45 | 0.64 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 19:54:45 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.33 | 0.35 | 0.33 | 0.34 | 2.11 | ppb |
| Vanadium | 51-2 | 14.78 | 11.22 | 11.46 | 12.49 | 15.91 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 43.63 | 32.75 | 33.28 | 36.55 | 16.78 | ppb |
| Zirconium | 90-1 | 1.00 | 1.01 | 1.01 | 1.01 | 0.55 | ppb |
| Zirconium | 91-1 | 0.96 | 1.04 | 1.01 | 1.00 | 4.22 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:58:01 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20873.49 | 20599.10 | 20353.12 | 20608.57 | 1.26 | ppb |
| Antimony | 121-1 | 20.38 | 22.00 | 21.36 | 21.25 | 3.86 | ppb |
| Arsenic | 75-2 | 27.28 | 27.99 | 27.81 | 27.70 | 1.32 | ppb |
| Barium | 135-1 | 571.55 | 610.87 | 600.93 | 594.45 | 3.44 | ppb |
| Barium | 137-1 | 584.43 | 634.37 | 612.54 | 610.45 | 4.10 | ppb |
| Beryllium | 9-1 | 11.21 | 12.08 | 11.69 | 11.66 | 3.74 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 9.73 | 10.68 | 10.17 | 10.19 | 4.63 | ppb |
| Cadmium | 106-1 | 10.57 | 10.36 | 9.80 | 10.24 | 3.88 | ppb |
| Cadmium | 111-1 | 10.57 | 11.46 | 11.02 | 11.02 | 4.04 | ppb |
| Calcium | 43-1 | 101528.60 | 108375.53 | 108213.73 | 106039.28 | 3.68 | ppb |
| Calcium | 44-1 | 101436.66 | 108080.64 | 108744.22 | 106087.17 | 3.81 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 92.28 | 91.66 | 91.90 | 91.95 | 0.34 | ppb |
| Cobalt | 59-2 | 135.91 | 135.90 | 135.28 | 135.70 | 0.27 | ppb |
| Copper | 63-2 | 107.94 | 107.37 | 106.73 | 107.35 | 0.56 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 56745.03 | 57304.25 | 56350.05 | 56799.78 | 0.84 | ppb |
| Iron | 57-2 | 56783.52 | 56842.07 | 56500.84 | 56708.81 | 0.32 | ppb |
| Iron | 54-2 | 57441.38 | 56761.32 | 57444.22 | 57215.64 | 0.69 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:58:01 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 50.46 | 53.11 | 52.21 | 51.93 | 2.59 | ppb |
| Lead | 207-1 | 45.18 | 48.30 | 48.00 | 47.16 | 3.65 | ppb |
| Lead | 208-1 | 47.01 | 49.72 | 49.30 | 48.67 | 2.99 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 41856.35 | 42055.12 | 41745.91 | 41885.79 | 0.37 | ppb |
| Manganese | 55-2 | 1257.69 | 1268.45 | 1263.37 | 1263.17 | 0.43 | ppb |
| Molybdenum | 94-1 | 10.90 | 11.86 | 11.93 | 11.57 | 4.96 | ppb |
| Molybdenum | 95-1 | 3.23 | 3.36 | 3.47 | 3.35 | 3.65 | ppb |
| Molybdenum | 96-1 | 4.36 | 4.72 | 4.72 | 4.60 | 4.58 | ppb |
| Molybdenum | 97-1 | 3.16 | 3.43 | 3.42 | 3.34 | 4.69 | ppb |
| Molybdenum | 98-1 | 3.19 | 3.38 | 3.44 | 3.34 | 4.04 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 182.30 | 182.44 | 181.59 | 182.11 | 0.25 | ppb |
| Phosphorus | 31-2 | 1103.98 | 1101.19 | 1078.46 | 1094.54 | 1.28 | ppb |
| Potassium | 39-2 | 3050.11 | 3133.42 | 3098.72 | 3094.08 | 1.35 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 20.39 | 22.41 | 22.48 | 21.76 | 5.45 | ppb |
| Selenium | 77-2 | 31.42 | 27.70 | 29.46 | 29.53 | 6.31 | ppb |
| Selenium | 78-2 | 22.74 | 23.52 | 19.84 | 22.03 | 8.80 | ppb |
| Silicon | 28-1 | 1804.59 | 1885.53 | 1872.34 | 1854.15 | 2.34 | ppb |
| Silver | 107-1 | 10.15 | 11.10 | 10.60 | 10.62 | 4.46 | ppb |
| Silver | 109-1 | 9.97 | 10.93 | 10.66 | 10.52 | 4.72 | ppb |
| Sodium | 23-2 | 274.33 | 273.26 | 271.36 | 272.98 | 0.55 | ppb |
| Strontium | 86-1 | 2628.19 | 2790.80 | 2808.59 | 2742.53 | 3.63 | ppb |
| Strontium | 88-1 | 2713.83 | 2847.72 | 2872.35 | 2811.30 | 3.03 | ppb |
| Sulfur | 34-1 | 629.74 | 842.49 | 811.43 | 761.22 | 15.10 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 9.51 | 10.22 | 9.99 | 9.91 | 3.64 | ppb |
| Thallium | 205-1 | 9.47 | 10.02 | 9.95 | 9.81 | 3.05 | ppb |
| Tin | 118-1 | 1.08 | 1.18 | 1.15 | 1.13 | 4.45 | ppb |
| Titanium | 47-1 | 228.10 | 242.86 | 240.30 | 237.09 | 3.33 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:58:01 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.64 | 1.79 | 1.76 | 1.73 | 4.40 | ppb |
| Vanadium | 51-2 | 168.93 | 168.91 | 167.01 | 168.28 | 0.66 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 280.27 | 280.46 | 278.60 | 279.78 | 0.37 | ppb |
| Zirconium | 90-1 | 4.58 | 4.94 | 4.95 | 4.83 | 4.36 | ppb |
| Zirconium | 91-1 | 4.62 | 5.03 | 5.03 | 4.89 | 4.83 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 20:01:08 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4475.01 | 4388.39 | 4318.16 | 4393.86 | 1.79 | ppb |
| Antimony | 121-1 | 2.19 | 2.16 | 2.21 | 2.19 | 1.32 | ppb |
| Arsenic | 75-2 | 11.22 | 10.99 | 10.75 | 10.99 | 2.16 | ppb |
| Barium | 135-1 | 96.53 | 94.93 | 97.15 | 96.20 | 1.19 | ppb |
| Barium | 137-1 | 99.18 | 97.44 | 99.35 | 98.66 | 1.07 | ppb |
| Beryllium | 9-1 | 0.81 | 0.75 | 0.83 | 0.80 | 5.26 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.70 | 4.67 | 4.85 | 4.74 | 1.98 | ppb |
| Cadmium | 106-1 | 3.72 | 3.78 | 3.20 | 3.57 | 8.97 | ppb |
| Cadmium | 111-1 | 4.17 | 4.13 | 4.05 | 4.11 | 1.45 | ppb |
| Calcium | 43-1 | 56810.32 | 58015.88 | 57768.32 | 57531.51 | 1.11 | ppb |
| Calcium | 44-1 | 56794.56 | 56718.42 | 57246.25 | 56919.74 | 0.50 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 390.55 | 383.75 | 381.29 | 385.20 | 1.25 | ppb |
| Cobalt | 59-2 | 9.02 | 8.78 | 8.91 | 8.90 | 1.38 | ppb |
| Copper | 63-2 | 58.99 | 58.38 | 58.51 | 58.63 | 0.54 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 151518.67 | 147310.08 | 148828.13 | 149218.96 | 1.43 | ppb |
| Iron | 57-2 | 150845.90 | 146758.59 | 148579.02 | 148727.84 | 1.38 | ppb |
| Iron | 54-2 | 151357.71 | 148439.09 | 149583.15 | 149793.32 | 0.98 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 20:01:08 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 622.28 | 612.06 | 606.83 | 613.72 | 1.28 | ppb |
| Lead | 207-1 | 572.36 | 575.17 | 569.54 | 572.36 | 0.49 | ppb |
| Lead | 208-1 | 586.13 | 585.56 | 580.25 | 583.98 | 0.56 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 8896.93 | 8757.26 | 8861.44 | 8838.54 | 0.82 | ppb |
| Manganese | 55-2 | 6089.41 | 6027.76 | 6106.10 | 6074.42 | 0.68 | ppb |
| Molybdenum | 94-1 | 12.66 | 12.59 | 12.61 | 12.62 | 0.30 | ppb |
| Molybdenum | 95-1 | 8.91 | 8.94 | 8.91 | 8.92 | 0.18 | ppb |
| Molybdenum | 96-1 | 10.26 | 10.53 | 10.52 | 10.44 | 1.44 | ppb |
| Molybdenum | 97-1 | 8.87 | 9.05 | 9.19 | 9.04 | 1.76 | ppb |
| Molybdenum | 98-1 | 8.84 | 8.96 | 9.05 | 8.95 | 1.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 224.44 | 221.34 | 222.60 | 222.79 | 0.70 | ppb |
| Phosphorus | 31-2 | 574.63 | 552.10 | 552.91 | 559.88 | 2.28 | ppb |
| Potassium | 39-2 | 752.90 | 745.46 | 744.14 | 747.50 | 0.63 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 0.77 | 0.41 | 0.11 | 0.43 | 77.20 | ppb |
| Selenium | 77-2 | 1.96 | 2.31 | 1.63 | 1.97 | 17.23 | ppb |
| Selenium | 78-2 | 0.68 | -1.10 | -0.53 | -0.32 | | ppb |
| Silicon | 28-1 | 899.75 | 905.92 | 909.15 | 904.94 | 0.53 | ppb |
| Silver | 107-1 | 2.60 | 2.52 | 2.59 | 2.57 | 1.69 | ppb |
| Silver | 109-1 | 2.53 | 2.54 | 2.55 | 2.54 | 0.52 | ppb |
| Sodium | 23-2 | 251.56 | 245.79 | 246.72 | 248.02 | 1.25 | ppb |
| Strontium | 86-1 | 1569.05 | 1572.33 | 1549.85 | 1563.74 | 0.78 | ppb |
| Strontium | 88-1 | 1603.35 | 1594.97 | 1645.47 | 1614.60 | 1.68 | ppb |
| Sulfur | 34-1 | 497.92 | 432.56 | 521.49 | 483.99 | 9.52 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.83 | 0.81 | 0.80 | 0.81 | 1.98 | ppb |
| Thallium | 205-1 | 0.82 | 0.80 | 0.80 | 0.81 | 1.55 | ppb |
| Tin | 118-1 | 7.72 | 7.80 | 7.65 | 7.72 | 0.94 | ppb |
| Titanium | 47-1 | 246.78 | 243.56 | 249.05 | 246.46 | 1.12 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 20:01:08 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.41 | 0.42 | 0.41 | 0.41 | 1.76 | ppb |
| Vanadium | 51-2 | 42.26 | 41.51 | 41.59 | 41.79 | 0.99 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 1958.47 | 1918.46 | 1930.60 | 1935.84 | 1.06 | ppb |
| Zirconium | 90-1 | 2.88 | 2.88 | 2.89 | 2.88 | 0.15 | ppb |
| Zirconium | 91-1 | 2.93 | 2.83 | 2.91 | 2.89 | 1.72 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:04:14 | DataFile Name : | 130CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.79 | 0.59 | 0.60 | 0.66 | 17.70 | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | 35.96 | ppb |
| Arsenic | 75-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Barium | 135-1 | 0.04 | 0.02 | 0.02 | 0.03 | 38.80 | ppb |
| Barium | 137-1 | 0.03 | 0.03 | 0.02 | 0.03 | 32.30 | ppb |
| Beryllium | 9-1 | -0.01 | -0.02 | -0.01 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.05 | 0.03 | 0.00 | -0.01 | | ppb |
| Cadmium | 106-1 | -0.31 | -1.39 | -1.60 | -1.10 | | ppb |
| Cadmium | 111-1 | -0.02 | -0.10 | -0.11 | -0.08 | | ppb |
| Calcium | 43-1 | 14.47 | 11.46 | 9.31 | 11.75 | 22.10 | ppb |
| Calcium | 44-1 | 7.67 | 5.24 | 3.73 | 5.55 | 35.75 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.01 | -0.01 | 0.02 | 0.00 | 426.49 | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.96 | 0.96 | 0.96 | 0.96 | 0.25 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 12.16 | 11.10 | 10.76 | 11.34 | 6.45 | ppb |
| Iron | 57-2 | 11.36 | 11.79 | 11.10 | 11.42 | 3.03 | ppb |
| Iron | 54-2 | 12.39 | 12.23 | 11.16 | 11.93 | 5.62 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:04:14 | DataFile Name : | 130CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.17 | 0.16 | 0.15 | 0.16 | 5.84 | ppb |
| Lead | 207-1 | 0.17 | 0.16 | 0.13 | 0.15 | 15.41 | ppb |
| Lead | 208-1 | 0.17 | 0.15 | 0.14 | 0.15 | 8.62 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 1.69 | 1.25 | 1.32 | 1.42 | 16.65 | ppb |
| Manganese | 55-2 | 0.47 | 0.51 | 0.46 | 0.48 | 6.17 | ppb |
| Molybdenum | 94-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Molybdenum | 95-1 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Molybdenum | 96-1 | -0.01 | 0.00 | -0.01 | -0.01 | | ppb |
| Molybdenum | 97-1 | 0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Molybdenum | 98-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.02 | 0.01 | -0.01 | -0.01 | | ppb |
| Phosphorus | 31-2 | -15.27 | -15.51 | -14.39 | -15.06 | | ppb |
| Potassium | 39-2 | 6.13 | 4.52 | 6.46 | 5.70 | 18.21 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | -0.09 | -0.36 | -0.56 | -0.34 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | -1.21 | -0.51 | -0.99 | -0.90 | | ppb |
| Silicon | 28-1 | -14.89 | -11.57 | -11.87 | -12.77 | | ppb |
| Silver | 107-1 | 0.01 | 0.00 | 0.01 | 0.00 | 35.03 | ppb |
| Silver | 109-1 | 0.00 | 0.01 | 0.00 | 0.00 | 41.58 | ppb |
| Sodium | 23-2 | 15.96 | 15.26 | 14.65 | 15.29 | 4.30 | ppb |
| Strontium | 86-1 | 0.08 | 0.06 | -0.24 | -0.03 | | ppb |
| Strontium | 88-1 | 0.38 | 0.29 | 0.24 | 0.30 | 22.91 | ppb |
| Sulfur | 34-1 | -406.46 | -62.31 | -82.78 | -183.85 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Titanium | 47-1 | 0.04 | 0.03 | 0.02 | 0.03 | 32.62 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:04:14 | DataFile Name : | 130CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 188.67 | ppb |
| Vanadium | 51-2 | 0.01 | 0.01 | 0.01 | 0.01 | 19.06 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 0.26 | 0.29 | 0.20 | 0.25 | 18.98 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 107.30 | ppb |
| Zirconium | 91-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:08:49 | DataFile Name : | 131LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 38.27 | 37.65 | 39.28 | 38.40 | 2.14 | ppb |
| Antimony | 121-1 | 3.64 | 3.98 | 4.05 | 3.89 | 5.70 | ppb |
| Arsenic | 75-2 | 2.17 | 2.23 | 2.04 | 2.15 | 4.52 | ppb |
| Barium | 135-1 | 17.83 | 19.41 | 19.34 | 18.86 | 4.74 | ppb |
| Barium | 137-1 | 17.95 | 19.45 | 19.69 | 19.03 | 4.96 | ppb |
| Beryllium | 9-1 | 1.91 | 2.09 | 2.06 | 2.02 | 4.69 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.78 | 2.46 | 2.18 | 2.14 | 15.75 | ppb |
| Cadmium | 106-1 | 0.13 | 0.10 | 0.74 | 0.32 | 111.93 | ppb |
| Cadmium | 111-1 | 1.80 | 1.93 | 2.06 | 1.93 | 6.83 | ppb |
| Calcium | 43-1 | 1013.51 | 1065.28 | 1080.24 | 1053.01 | 3.33 | ppb |
| Calcium | 44-1 | 999.21 | 1067.90 | 1068.02 | 1045.04 | 3.80 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.93 | 3.96 | 3.99 | 3.96 | 0.82 | ppb |
| Cobalt | 59-2 | 2.06 | 2.05 | 2.12 | 2.07 | 1.94 | ppb |
| Copper | 63-2 | 5.20 | 5.08 | 5.19 | 5.16 | 1.34 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 418.74 | 421.62 | 425.13 | 421.83 | 0.76 | ppb |
| Iron | 57-2 | 429.27 | 426.12 | 433.13 | 429.51 | 0.82 | ppb |
| Iron | 54-2 | 427.96 | 425.47 | 433.33 | 428.92 | 0.94 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:08:49 | DataFile Name : | 131LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.77 | 1.88 | 1.93 | 1.86 | 4.50 | ppb |
| Lead | 207-1 | 1.73 | 1.83 | 1.86 | 1.81 | 3.94 | ppb |
| Lead | 208-1 | 1.74 | 1.85 | 1.88 | 1.83 | 3.97 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 906.78 | 907.76 | 908.72 | 907.75 | 0.11 | ppb |
| Manganese | 55-2 | 2.09 | 2.09 | 2.16 | 2.12 | 1.79 | ppb |
| Molybdenum | 94-1 | 10.57 | 11.46 | 11.37 | 11.13 | 4.43 | ppb |
| Molybdenum | 95-1 | 8.94 | 9.71 | 9.69 | 9.45 | 4.65 | ppb |
| Molybdenum | 96-1 | 9.10 | 9.82 | 9.91 | 9.61 | 4.63 | ppb |
| Molybdenum | 97-1 | 8.93 | 9.81 | 9.86 | 9.53 | 5.54 | ppb |
| Molybdenum | 98-1 | 8.94 | 9.65 | 9.72 | 9.44 | 4.56 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.98 | 2.04 | 1.95 | 1.99 | 2.33 | ppb |
| Phosphorus | 31-2 | 31.69 | 40.71 | 29.83 | 34.08 | 17.07 | ppb |
| Potassium | 39-2 | 1023.38 | 1030.30 | 1031.83 | 1028.50 | 0.44 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 9.20 | 10.49 | 9.78 | 9.82 | 6.60 | ppb |
| Selenium | 77-2 | 11.38 | 10.51 | 10.82 | 10.90 | 4.07 | ppb |
| Selenium | 78-2 | 10.01 | 10.42 | 9.39 | 9.94 | 5.23 | ppb |
| Silicon | 28-1 | -5.52 | -3.03 | -2.40 | -3.65 | | ppb |
| Silver | 107-1 | 1.87 | 2.02 | 2.05 | 1.98 | 4.85 | ppb |
| Silver | 109-1 | 1.89 | 2.05 | 2.07 | 2.00 | 5.00 | ppb |
| Sodium | 23-2 | 946.30 | 952.77 | 954.65 | 951.24 | 0.46 | ppb |
| Strontium | 86-1 | 43.92 | 50.88 | 46.72 | 47.17 | 7.43 | ppb |
| Strontium | 88-1 | 44.96 | 49.30 | 48.92 | 47.73 | 5.04 | ppb |
| Sulfur | 34-1 | -274.46 | -107.54 | -44.42 | -142.14 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 1.66 | 1.76 | 1.82 | 1.75 | 4.52 | ppb |
| Thallium | 205-1 | 1.64 | 1.75 | 1.73 | 1.71 | 3.31 | ppb |
| Tin | 118-1 | 9.23 | 10.05 | 10.07 | 9.79 | 4.93 | ppb |
| Titanium | 47-1 | 2.35 | 2.38 | 2.49 | 2.41 | 2.90 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:08:49 | DataFile Name : | 131LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.49 | 1.57 | 1.58 | 1.55 | 3.34 | ppb |
| Vanadium | 51-2 | 10.32 | 10.37 | 10.38 | 10.35 | 0.31 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 10.23 | 10.54 | 10.27 | 10.34 | 1.63 | ppb |
| Zirconium | 90-1 | 1.72 | 1.89 | 1.87 | 1.83 | 5.27 | ppb |
| Zirconium | 91-1 | 1.80 | 1.94 | 1.96 | 1.90 | 4.45 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:12:06 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.10 | 0.24 | 0.03 | 0.13 | 83.24 | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | 44.60 | ppb |
| Arsenic | 75-2 | -0.02 | -0.02 | -0.01 | -0.01 | | ppb |
| Barium | 135-1 | 0.00 | 0.06 | 0.00 | 0.02 | 172.54 | ppb |
| Barium | 137-1 | 0.01 | 0.04 | 0.00 | 0.02 | 125.74 | ppb |
| Beryllium | 9-1 | -0.02 | 0.00 | -0.01 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | 0.01 | -0.03 | 0.00 | 1061.92 | ppb |
| Cadmium | 106-1 | -1.10 | -1.05 | -1.73 | -1.29 | | ppb |
| Cadmium | 111-1 | -0.08 | -0.07 | -0.12 | -0.09 | | ppb |
| Calcium | 43-1 | 0.87 | 1.03 | 1.15 | 1.02 | 13.98 | ppb |
| Calcium | 44-1 | -4.40 | -2.32 | -4.14 | -3.62 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.03 | -0.01 | -0.04 | -0.02 | | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.92 | 0.89 | 0.85 | 0.89 | 4.09 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 0.37 | 0.32 | 0.42 | 0.37 | 13.86 | ppb |
| Iron | 57-2 | 0.72 | 1.50 | 1.32 | 1.18 | 34.74 | ppb |
| Iron | 54-2 | 0.05 | 0.34 | 1.25 | 0.54 | 114.61 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:12:06 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.05 | 0.06 | 0.06 | 0.06 | 15.91 | ppb |
| Lead | 207-1 | 0.06 | 0.06 | 0.05 | 0.06 | 10.21 | ppb |
| Lead | 208-1 | 0.06 | 0.06 | 0.05 | 0.06 | 11.21 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 0.43 | 0.42 | 0.32 | 0.39 | 15.93 | ppb |
| Manganese | 55-2 | 0.06 | 0.06 | 0.05 | 0.06 | 4.38 | ppb |
| Molybdenum | 94-1 | 0.01 | 0.00 | 0.01 | 0.00 | 146.28 | ppb |
| Molybdenum | 95-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Molybdenum | 96-1 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |
| Molybdenum | 97-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.06 | -0.04 | -0.08 | -0.06 | | ppb |
| Phosphorus | 31-2 | -16.79 | -14.28 | -14.09 | -15.05 | | ppb |
| Potassium | 39-2 | 4.51 | 4.01 | 4.25 | 4.26 | 5.90 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | -0.28 | -0.56 | -0.68 | -0.50 | | ppb |
| Selenium | 77-2 | 0.01 | 0.00 | -0.16 | -0.05 | | ppb |
| Selenium | 78-2 | -0.59 | -1.31 | -1.11 | -1.00 | | ppb |
| Silicon | 28-1 | -11.55 | -9.76 | -10.42 | -10.58 | | ppb |
| Silver | 107-1 | 0.01 | 0.02 | 0.01 | 0.01 | 36.82 | ppb |
| Silver | 109-1 | 0.01 | 0.02 | 0.01 | 0.01 | 47.75 | ppb |
| Sodium | 23-2 | 6.79 | 6.43 | 5.97 | 6.40 | 6.45 | ppb |
| Strontium | 86-1 | -0.16 | -0.15 | -0.37 | -0.23 | | ppb |
| Strontium | 88-1 | 0.01 | 0.04 | 0.02 | 0.02 | 56.29 | ppb |
| Sulfur | 34-1 | -166.31 | -45.53 | -78.12 | -96.65 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.00 | 0.00 | 0.00 | 0.00 | 54.39 | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | 16.95 | ppb |
| Tin | 118-1 | -0.01 | -0.02 | -0.02 | -0.01 | | ppb |
| Titanium | 47-1 | -0.02 | -0.01 | 0.01 | 0.00 | | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:12:06 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 64.81 | ppb |
| Vanadium | 51-2 | 0.01 | 0.00 | 0.00 | 0.00 | 113.42 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 0.16 | 0.11 | 0.06 | 0.11 | 46.35 | ppb |
| Zirconium | 90-1 | 0.01 | 0.01 | 0.00 | 0.01 | 26.14 | ppb |
| Zirconium | 91-1 | 0.00 | 0.01 | 0.01 | 0.01 | 39.09 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:15:22 | DataFile Name : | 133LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 39.12 | 38.93 | 38.87 | 38.97 | 0.34 | ppb |
| Antimony | 121-1 | 4.02 | 4.01 | 4.09 | 4.04 | 1.04 | ppb |
| Arsenic | 75-2 | 2.28 | 2.25 | 2.24 | 2.25 | 0.90 | ppb |
| Barium | 135-1 | 19.42 | 19.42 | 19.55 | 19.47 | 0.39 | ppb |
| Barium | 137-1 | 19.63 | 19.90 | 20.17 | 19.90 | 1.34 | ppb |
| Beryllium | 9-1 | 2.16 | 2.35 | 2.11 | 2.21 | 5.68 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.17 | 1.92 | 2.02 | 2.03 | 6.15 | ppb |
| Cadmium | 106-1 | 0.57 | 0.64 | 1.32 | 0.84 | 48.72 | ppb |
| Cadmium | 111-1 | 1.93 | 2.18 | 2.11 | 2.07 | 6.09 | ppb |
| Calcium | 43-1 | 1081.46 | 1060.76 | 1098.86 | 1080.36 | 1.77 | ppb |
| Calcium | 44-1 | 1084.77 | 1084.06 | 1085.90 | 1084.91 | 0.09 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.05 | 3.97 | 4.04 | 4.02 | 1.14 | ppb |
| Cobalt | 59-2 | 2.09 | 2.14 | 2.13 | 2.12 | 1.15 | ppb |
| Copper | 63-2 | 5.05 | 5.14 | 5.24 | 5.14 | 1.88 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 428.54 | 424.64 | 428.88 | 427.35 | 0.55 | ppb |
| Iron | 57-2 | 432.26 | 433.26 | 432.33 | 432.62 | 0.13 | ppb |
| Iron | 54-2 | 443.15 | 433.32 | 438.29 | 438.26 | 1.12 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:15:22 | DataFile Name : | 133LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.87 | 1.92 | 1.94 | 1.91 | 1.97 | ppb |
| Lead | 207-1 | 1.91 | 1.86 | 1.87 | 1.88 | 1.44 | ppb |
| Lead | 208-1 | 1.87 | 1.88 | 1.89 | 1.88 | 0.60 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 932.77 | 912.27 | 916.03 | 920.36 | 1.19 | ppb |
| Manganese | 55-2 | 2.09 | 2.11 | 2.09 | 2.10 | 0.51 | ppb |
| Molybdenum | 94-1 | 11.45 | 11.58 | 11.42 | 11.49 | 0.74 | ppb |
| Molybdenum | 95-1 | 9.67 | 9.56 | 9.77 | 9.67 | 1.10 | ppb |
| Molybdenum | 96-1 | 9.89 | 10.04 | 9.89 | 9.94 | 0.88 | ppb |
| Molybdenum | 97-1 | 9.96 | 9.91 | 9.88 | 9.92 | 0.43 | ppb |
| Molybdenum | 98-1 | 9.85 | 9.88 | 9.73 | 9.82 | 0.76 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.02 | 2.06 | 2.09 | 2.06 | 1.56 | ppb |
| Phosphorus | 31-2 | 38.10 | 37.63 | 37.10 | 37.61 | 1.33 | ppb |
| Potassium | 39-2 | 1055.83 | 1044.60 | 1049.68 | 1050.04 | 0.54 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 10.03 | 10.16 | 9.84 | 10.01 | 1.61 | ppb |
| Selenium | 77-2 | 8.77 | 10.62 | 11.18 | 10.19 | 12.38 | ppb |
| Selenium | 78-2 | 11.23 | 10.86 | 10.04 | 10.71 | 5.65 | ppb |
| Silicon | 28-1 | -1.28 | -1.74 | -1.63 | -1.55 | | ppb |
| Silver | 107-1 | 2.12 | 2.16 | 2.13 | 2.14 | 0.96 | ppb |
| Silver | 109-1 | 2.06 | 2.11 | 2.11 | 2.09 | 1.49 | ppb |
| Sodium | 23-2 | 962.74 | 951.16 | 961.08 | 958.33 | 0.65 | ppb |
| Strontium | 86-1 | 48.41 | 47.91 | 48.86 | 48.39 | 0.98 | ppb |
| Strontium | 88-1 | 48.87 | 48.83 | 49.45 | 49.05 | 0.71 | ppb |
| Sulfur | 34-1 | 43.01 | 9.10 | 35.97 | 29.36 | 60.94 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 1.77 | 1.80 | 1.82 | 1.80 | 1.48 | ppb |
| Thallium | 205-1 | 1.78 | 1.83 | 1.81 | 1.81 | 1.51 | ppb |
| Tin | 118-1 | 10.14 | 10.22 | 10.26 | 10.21 | 0.60 | ppb |
| Titanium | 47-1 | 2.49 | 2.45 | 2.49 | 2.48 | 0.80 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:15:22 | DataFile Name : | 133LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.58 | 1.60 | 1.63 | 1.60 | 1.39 | ppb |
| Vanadium | 51-2 | 10.53 | 10.26 | 10.38 | 10.39 | 1.31 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 10.66 | 10.70 | 10.44 | 10.60 | 1.30 | ppb |
| Zirconium | 90-1 | 1.93 | 1.94 | 1.91 | 1.93 | 0.83 | ppb |
| Zirconium | 91-1 | 1.92 | 1.96 | 1.91 | 1.93 | 1.27 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:18:41 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11692.57 | 11582.09 | 11543.93 | 11606.19 | 0.67 | ppb |
| Antimony | 121-1 | 1.34 | 1.38 | 1.35 | 1.36 | 1.51 | ppb |
| Arsenic | 75-2 | 17.93 | 18.86 | 17.93 | 18.24 | 2.94 | ppb |
| Barium | 135-1 | 114.06 | 115.48 | 116.27 | 115.27 | 0.97 | ppb |
| Barium | 137-1 | 115.08 | 118.73 | 119.66 | 117.82 | 2.05 | ppb |
| Beryllium | 9-1 | 0.99 | 1.01 | 1.06 | 1.02 | 3.73 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.53 | 2.40 | 2.19 | 2.37 | 7.16 | ppb |
| Cadmium | 106-1 | 2.35 | 1.58 | 0.90 | 1.61 | 44.88 | ppb |
| Cadmium | 111-1 | 2.23 | 2.21 | 2.23 | 2.22 | 0.66 | ppb |
| Calcium | 43-1 | 73706.15 | 75977.53 | 76071.78 | 75251.82 | 1.78 | ppb |
| Calcium | 44-1 | 73700.09 | 75141.78 | 75112.90 | 74651.59 | 1.10 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 62.74 | 62.79 | 62.15 | 62.56 | 0.57 | ppb |
| Cobalt | 59-2 | 21.42 | 21.02 | 21.13 | 21.19 | 0.98 | ppb |
| Copper | 63-2 | 98.09 | 97.37 | 96.63 | 97.36 | 0.75 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 58190.94 | 57923.25 | 57673.93 | 57929.37 | 0.45 | ppb |
| Iron | 57-2 | 57797.02 | 57815.95 | 57368.81 | 57660.59 | 0.44 | ppb |
| Iron | 54-2 | 58416.38 | 57728.84 | 57917.26 | 58020.82 | 0.61 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:18:41 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 119.30 | 119.11 | 120.32 | 119.58 | 0.54 | ppb |
| Lead | 207-1 | 110.98 | 110.59 | 110.13 | 110.57 | 0.39 | ppb |
| Lead | 208-1 | 120.07 | 118.80 | 118.64 | 119.17 | 0.66 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 12109.51 | 12202.99 | 12161.66 | 12158.05 | 0.39 | ppb |
| Manganese | 55-2 | 1022.19 | 1019.54 | 1018.10 | 1019.94 | 0.20 | ppb |
| Molybdenum | 94-1 | 7.63 | 7.95 | 7.74 | 7.78 | 2.11 | ppb |
| Molybdenum | 95-1 | 5.90 | 6.06 | 6.00 | 5.99 | 1.36 | ppb |
| Molybdenum | 96-1 | 6.55 | 6.79 | 6.79 | 6.71 | 2.02 | ppb |
| Molybdenum | 97-1 | 6.02 | 6.28 | 6.20 | 6.17 | 2.18 | ppb |
| Molybdenum | 98-1 | 5.94 | 6.13 | 6.10 | 6.06 | 1.63 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 71.99 | 70.58 | 70.34 | 70.97 | 1.25 | ppb |
| Phosphorus | 31-2 | 2471.18 | 2544.52 | 2504.99 | 2506.90 | 1.46 | ppb |
| Potassium | 39-2 | 1805.34 | 1801.70 | 1796.96 | 1801.33 | 0.23 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 0.58 | 0.84 | 0.31 | 0.58 | 46.13 | ppb |
| Selenium | 77-2 | 7.72 | 7.99 | 8.87 | 8.19 | 7.28 | ppb |
| Selenium | 78-2 | 1.37 | 0.74 | 0.96 | 1.03 | 31.00 | ppb |
| Silicon | 28-1 | 1349.89 | 1377.03 | 1375.47 | 1367.46 | 1.11 | ppb |
| Silver | 107-1 | 0.36 | 0.30 | 0.29 | 0.32 | 11.16 | ppb |
| Silver | 109-1 | 0.35 | 0.31 | 0.27 | 0.31 | 12.15 | ppb |
| Sodium | 23-2 | 359.60 | 361.90 | 362.34 | 361.28 | 0.41 | ppb |
| Strontium | 86-1 | 2670.32 | 2756.27 | 2728.08 | 2718.22 | 1.61 | ppb |
| Strontium | 88-1 | 2768.54 | 2859.01 | 2850.01 | 2825.86 | 1.76 | ppb |
| Sulfur | 34-1 | 441.71 | 623.13 | 554.06 | 539.64 | 16.97 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.28 | 0.28 | 0.30 | 0.29 | 4.10 | ppb |
| Thallium | 205-1 | 0.31 | 0.30 | 0.29 | 0.30 | 3.39 | ppb |
| Tin | 118-1 | 3.36 | 3.31 | 3.37 | 3.35 | 0.86 | ppb |
| Titanium | 47-1 | 117.43 | 120.44 | 121.85 | 119.91 | 1.88 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:18:41 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.43 | 1.43 | 1.42 | 1.42 | 0.56 | ppb |
| Vanadium | 51-2 | 35.37 | 35.60 | 35.47 | 35.48 | 0.31 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 494.81 | 492.35 | 490.50 | 492.55 | 0.44 | ppb |
| Zirconium | 90-1 | 1.50 | 1.56 | 1.52 | 1.53 | 2.04 | ppb |
| Zirconium | 91-1 | 1.47 | 1.55 | 1.58 | 1.53 | 3.68 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:21:47 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10866.04 | 11084.93 | 10885.82 | 10945.60 | 1.11 | ppb |
| Antimony | 121-1 | 0.33 | 0.36 | 0.34 | 0.34 | 5.21 | ppb |
| Arsenic | 75-2 | 21.39 | 21.15 | 20.71 | 21.09 | 1.64 | ppb |
| Barium | 135-1 | 97.35 | 101.33 | 100.22 | 99.63 | 2.06 | ppb |
| Barium | 137-1 | 98.76 | 103.91 | 102.76 | 101.81 | 2.65 | ppb |
| Beryllium | 9-1 | 0.75 | 0.70 | 0.70 | 0.72 | 4.18 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.06 | 1.22 | 1.27 | 1.18 | 9.20 | ppb |
| Cadmium | 106-1 | 1.14 | 1.33 | 0.69 | 1.05 | 31.56 | ppb |
| Cadmium | 111-1 | 0.34 | 0.37 | 0.34 | 0.35 | 4.14 | ppb |
| Calcium | 43-1 | 235433.39 | 242988.31 | 246480.74 | 241634.15 | 2.34 | ppb |
| Calcium | 44-1 | 235002.09 | 244187.03 | 245581.68 | 241590.26 | 2.38 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 23.58 | 23.64 | 24.04 | 23.75 | 1.04 | ppb |
| Cobalt | 59-2 | 15.85 | 15.79 | 15.96 | 15.87 | 0.54 | ppb |
| Copper | 63-2 | 39.94 | 40.56 | 40.25 | 40.25 | 0.77 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 39641.15 | 39560.07 | 40065.66 | 39755.63 | 0.68 | ppb |
| Iron | 57-2 | 40628.95 | 40531.41 | 40546.08 | 40568.81 | 0.13 | ppb |
| Iron | 54-2 | 39854.58 | 39612.78 | 39757.13 | 39741.50 | 0.31 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:21:47 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16.98 | 17.61 | 17.75 | 17.44 | 2.37 | ppb |
| Lead | 207-1 | 15.01 | 15.91 | 15.68 | 15.54 | 3.00 | ppb |
| Lead | 208-1 | 15.63 | 16.40 | 16.44 | 16.16 | 2.83 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 26835.38 | 26916.45 | 26814.77 | 26855.53 | 0.20 | ppb |
| Manganese | 55-2 | 617.90 | 619.76 | 624.00 | 620.55 | 0.50 | ppb |
| Molybdenum | 94-1 | 18.45 | 19.15 | 18.99 | 18.86 | 1.96 | ppb |
| Molybdenum | 95-1 | 6.21 | 6.58 | 6.51 | 6.43 | 3.07 | ppb |
| Molybdenum | 96-1 | 7.86 | 8.17 | 8.16 | 8.07 | 2.20 | ppb |
| Molybdenum | 97-1 | 6.34 | 6.64 | 6.52 | 6.50 | 2.30 | ppb |
| Molybdenum | 98-1 | 6.31 | 6.73 | 6.49 | 6.51 | 3.24 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 42.81 | 43.01 | 43.03 | 42.95 | 0.28 | ppb |
| Phosphorus | 31-2 | 1027.00 | 1024.81 | 1021.04 | 1024.29 | 0.29 | ppb |
| Potassium | 39-2 | 1637.65 | 1648.64 | 1638.89 | 1641.73 | 0.37 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 0.82 | 0.57 | 0.74 | 0.71 | 18.62 | ppb |
| Selenium | 77-2 | 9.67 | 9.44 | 9.57 | 9.56 | 1.19 | ppb |
| Selenium | 78-2 | 0.74 | 0.05 | 1.76 | 0.85 | 101.36 | ppb |
| Silicon | 28-1 | 1201.47 | 1252.31 | 1258.13 | 1237.30 | 2.52 | ppb |
| Silver | 107-1 | 0.08 | 0.08 | 0.09 | 0.08 | 2.33 | ppb |
| Silver | 109-1 | 0.07 | 0.07 | 0.08 | 0.07 | 7.77 | ppb |
| Sodium | 23-2 | 238.88 | 242.95 | 242.06 | 241.30 | 0.89 | ppb |
| Strontium | 86-1 | 7222.94 | 7572.49 | 7464.52 | 7419.98 | 2.41 | ppb |
| Strontium | 88-1 | 7486.15 | 7811.62 | 7717.82 | 7671.86 | 2.18 | ppb |
| Sulfur | 34-1 | 14.20 | 140.05 | 158.89 | 104.38 | 75.36 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.28 | 0.29 | 0.30 | 0.29 | 3.82 | ppb |
| Thallium | 205-1 | 0.28 | 0.30 | 0.29 | 0.29 | 2.16 | ppb |
| Tin | 118-1 | 0.49 | 0.55 | 0.51 | 0.52 | 6.27 | ppb |
| Titanium | 47-1 | 190.17 | 198.64 | 200.09 | 196.30 | 2.73 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:21:47 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.49 | 1.55 | 1.59 | 1.54 | 3.08 | ppb |
| Vanadium | 51-2 | 28.04 | 28.28 | 28.31 | 28.21 | 0.52 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 113.44 | 113.57 | 113.47 | 113.49 | 0.06 | ppb |
| Zirconium | 90-1 | 7.17 | 7.55 | 7.40 | 7.37 | 2.57 | ppb |
| Zirconium | 91-1 | 7.16 | 7.59 | 7.71 | 7.49 | 3.84 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:24:59 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7846.28 | 7839.05 | 7885.05 | 7856.79 | 0.31 | ppb |
| Antimony | 121-1 | 0.58 | 0.57 | 0.57 | 0.58 | 0.87 | ppb |
| Arsenic | 75-2 | 10.40 | 10.44 | 10.30 | 10.38 | 0.68 | ppb |
| Barium | 135-1 | 223.10 | 223.16 | 226.20 | 224.15 | 0.79 | ppb |
| Barium | 137-1 | 228.27 | 225.45 | 230.20 | 227.97 | 1.05 | ppb |
| Beryllium | 9-1 | 0.53 | 0.58 | 0.54 | 0.55 | 4.29 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.61 | 1.68 | 1.61 | 1.63 | 2.48 | ppb |
| Cadmium | 106-1 | 2.28 | 2.18 | 2.25 | 2.24 | 2.44 | ppb |
| Cadmium | 111-1 | 0.62 | 0.56 | 0.59 | 0.59 | 5.02 | ppb |
| Calcium | 43-1 | 387660.10 | 381425.96 | 384729.51 | 384605.19 | 0.81 | ppb |
| Calcium | 44-1 | 385172.12 | 382738.13 | 384185.48 | 384031.91 | 0.32 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 21.56 | 21.74 | 21.53 | 21.61 | 0.52 | ppb |
| Cobalt | 59-2 | 11.20 | 11.17 | 11.23 | 11.20 | 0.27 | ppb |
| Copper | 63-2 | 26.66 | 26.42 | 26.42 | 26.50 | 0.52 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 24867.08 | 24675.86 | 24716.21 | 24753.05 | 0.41 | ppb |
| Iron | 57-2 | 26390.77 | 26421.13 | 26448.73 | 26420.21 | 0.11 | ppb |
| Iron | 54-2 | 24661.57 | 24832.35 | 24679.97 | 24724.63 | 0.38 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:24:59 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 14.23 | 14.43 | 14.14 | 14.27 | 1.02 | ppb |
| Lead | 207-1 | 12.18 | 12.27 | 12.12 | 12.19 | 0.65 | ppb |
| Lead | 208-1 | 12.76 | 12.99 | 12.80 | 12.85 | 0.99 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 133989.77 | 134494.15 | 135218.71 | 134567.54 | 0.46 | ppb |
| Manganese | 55-2 | 643.73 | 645.25 | 641.21 | 643.40 | 0.32 | ppb |
| Molybdenum | 94-1 | 29.12 | 29.81 | 29.72 | 29.55 | 1.26 | ppb |
| Molybdenum | 95-1 | 7.25 | 7.46 | 7.43 | 7.38 | 1.54 | ppb |
| Molybdenum | 96-1 | 9.82 | 10.07 | 10.11 | 10.00 | 1.61 | ppb |
| Molybdenum | 97-1 | 7.32 | 7.51 | 7.61 | 7.48 | 2.00 | ppb |
| Molybdenum | 98-1 | 7.39 | 7.52 | 7.46 | 7.46 | 0.89 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 32.43 | 32.68 | 32.88 | 32.67 | 0.68 | ppb |
| Phosphorus | 31-2 | 620.37 | 626.92 | 617.78 | 621.69 | 0.76 | ppb |
| Potassium | 39-2 | 1506.57 | 1502.43 | 1513.63 | 1507.54 | 0.38 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 1.09 | 1.30 | 1.04 | 1.14 | 12.05 | ppb |
| Selenium | 77-2 | 8.59 | 4.62 | 5.47 | 6.23 | 33.58 | ppb |
| Selenium | 78-2 | -0.06 | -0.39 | -0.61 | -0.36 | | ppb |
| Silicon | 28-1 | 1149.52 | 1157.44 | 1143.17 | 1150.04 | 0.62 | ppb |
| Silver | 107-1 | 0.10 | 0.08 | 0.09 | 0.09 | 9.08 | ppb |
| Silver | 109-1 | 0.07 | 0.07 | 0.08 | 0.08 | 5.49 | ppb |
| Sodium | 23-2 | 362.17 | 362.42 | 366.65 | 363.75 | 0.69 | ppb |
| Strontium | 86-1 | 72406.01 | 73929.94 | 74012.76 | 73449.57 | 1.23 | ppb |
| Strontium | 88-1 | 72269.36 | 74150.42 | 73991.68 | 73470.49 | 1.42 | ppb |
| Sulfur | 34-1 | 4048.51 | 4148.34 | 4146.35 | 4114.40 | 1.39 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.13 | 0.14 | 0.12 | 0.13 | 5.84 | ppb |
| Thallium | 205-1 | 0.13 | 0.13 | 0.14 | 0.13 | 3.17 | ppb |
| Tin | 118-1 | 0.44 | 0.42 | 0.44 | 0.43 | 2.53 | ppb |
| Titanium | 47-1 | 171.40 | 172.35 | 173.08 | 172.27 | 0.49 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:24:59 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.99 | 3.03 | 2.97 | 2.99 | 0.90 | ppb |
| Vanadium | 51-2 | 29.42 | 29.26 | 29.44 | 29.38 | 0.34 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 90.67 | 91.89 | 90.70 | 91.09 | 0.77 | ppb |
| Zirconium | 90-1 | 12.56 | 13.05 | 12.96 | 12.85 | 2.03 | ppb |
| Zirconium | 91-1 | 12.83 | 13.11 | 13.14 | 13.03 | 1.32 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:28:07 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8881.41 | 8947.07 | 9046.96 | 8958.48 | 0.93 | ppb |
| Antimony | 121-1 | 1.01 | 1.03 | 1.03 | 1.02 | 1.06 | ppb |
| Arsenic | 75-2 | 10.72 | 10.84 | 11.02 | 10.86 | 1.38 | ppb |
| Barium | 135-1 | 112.59 | 116.82 | 115.11 | 114.84 | 1.85 | ppb |
| Barium | 137-1 | 115.31 | 118.70 | 116.82 | 116.95 | 1.45 | ppb |
| Beryllium | 9-1 | 0.72 | 0.73 | 0.74 | 0.73 | 1.24 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.74 | 1.47 | 1.58 | 1.59 | 8.42 | ppb |
| Cadmium | 106-1 | 1.23 | 0.41 | 1.30 | 0.98 | 50.68 | ppb |
| Cadmium | 111-1 | 1.06 | 1.09 | 1.12 | 1.09 | 2.83 | ppb |
| Calcium | 43-1 | 137090.63 | 140143.21 | 141389.07 | 139540.97 | 1.58 | ppb |
| Calcium | 44-1 | 138344.69 | 141433.95 | 140187.35 | 139988.66 | 1.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 210.06 | 210.43 | 211.52 | 210.67 | 0.36 | ppb |
| Cobalt | 59-2 | 9.91 | 10.03 | 10.07 | 10.00 | 0.81 | ppb |
| Copper | 63-2 | 39.29 | 39.27 | 40.11 | 39.55 | 1.22 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 38018.98 | 38384.09 | 38139.10 | 38180.72 | 0.49 | ppb |
| Iron | 57-2 | 38106.85 | 38127.49 | 38625.69 | 38286.68 | 0.77 | ppb |
| Iron | 54-2 | 38293.56 | 38386.25 | 37978.41 | 38219.41 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:28:07 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 61.48 | 63.18 | 62.79 | 62.48 | 1.42 | ppb |
| Lead | 207-1 | 56.43 | 58.44 | 58.41 | 57.76 | 1.99 | ppb |
| Lead | 208-1 | 58.08 | 59.34 | 59.44 | 58.95 | 1.28 | ppb |
| Lithium | 6-1 | | | | 109 | | % |
| Magnesium | 24-2 | 32526.81 | 32476.60 | 32877.12 | 32626.84 | 0.67 | ppb |
| Manganese | 55-2 | 2627.01 | 2669.21 | 2670.77 | 2655.66 | 0.93 | ppb |
| Molybdenum | 94-1 | 12.74 | 13.17 | 12.87 | 12.93 | 1.71 | ppb |
| Molybdenum | 95-1 | 7.32 | 7.54 | 7.45 | 7.44 | 1.44 | ppb |
| Molybdenum | 96-1 | 8.19 | 8.25 | 8.28 | 8.24 | 0.57 | ppb |
| Molybdenum | 97-1 | 7.32 | 7.46 | 7.43 | 7.40 | 0.99 | ppb |
| Molybdenum | 98-1 | 7.45 | 7.48 | 7.46 | 7.46 | 0.18 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 28.72 | 28.78 | 28.88 | 28.79 | 0.28 | ppb |
| Phosphorus | 31-2 | 986.69 | 968.09 | 1006.29 | 987.02 | 1.94 | ppb |
| Potassium | 39-2 | 937.76 | 955.45 | 963.61 | 952.27 | 1.39 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.50 | 0.53 | 0.35 | 0.46 | 21.19 | ppb |
| Selenium | 77-2 | 7.03 | 6.77 | 6.55 | 6.78 | 3.53 | ppb |
| Selenium | 78-2 | 0.24 | 0.33 | 0.60 | 0.39 | 48.71 | ppb |
| Silicon | 28-1 | 1203.31 | 1233.34 | 1258.70 | 1231.78 | 2.25 | ppb |
| Silver | 107-1 | 0.09 | 0.10 | 0.10 | 0.10 | 4.88 | ppb |
| Silver | 109-1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.67 | ppb |
| Sodium | 23-2 | 255.86 | 260.12 | 263.21 | 259.73 | 1.42 | ppb |
| Strontium | 86-1 | 15991.94 | 16108.62 | 15968.38 | 16022.98 | 0.47 | ppb |
| Strontium | 88-1 | 15936.44 | 16055.52 | 15990.25 | 15994.07 | 0.37 | ppb |
| Sulfur | 34-1 | 813.15 | 852.19 | 917.87 | 861.07 | 6.15 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.18 | 0.17 | 0.17 | 0.17 | 4.14 | ppb |
| Thallium | 205-1 | 0.17 | 0.18 | 0.17 | 0.17 | 2.76 | ppb |
| Tin | 118-1 | 59.07 | 60.94 | 60.15 | 60.05 | 1.56 | ppb |
| Titanium | 47-1 | 210.47 | 215.85 | 217.77 | 214.69 | 1.76 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:28:07 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.47 | 1.55 | 1.54 | 1.52 | 2.88 | ppb |
| Vanadium | 51-2 | 48.35 | 49.08 | 48.96 | 48.80 | 0.81 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 341.10 | 342.24 | 344.03 | 342.46 | 0.43 | ppb |
| Zirconium | 90-1 | 3.74 | 3.80 | 3.76 | 3.77 | 0.84 | ppb |
| Zirconium | 91-1 | 3.77 | 3.69 | 3.83 | 3.76 | 1.80 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:31:17 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11605.83 | 11703.33 | 11646.00 | 11651.72 | 0.42 | ppb |
| Antimony | 121-1 | 0.36 | 0.35 | 0.36 | 0.36 | 0.65 | ppb |
| Arsenic | 75-2 | 11.86 | 11.91 | 11.71 | 11.83 | 0.89 | ppb |
| Barium | 135-1 | 123.60 | 125.34 | 125.30 | 124.75 | 0.80 | ppb |
| Barium | 137-1 | 126.44 | 129.02 | 126.93 | 127.46 | 1.07 | ppb |
| Beryllium | 9-1 | 0.91 | 0.96 | 0.93 | 0.93 | 2.75 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.38 | 1.23 | 1.19 | 1.27 | 8.16 | ppb |
| Cadmium | 106-1 | 0.91 | 0.47 | 0.71 | 0.70 | 32.01 | ppb |
| Cadmium | 111-1 | 0.69 | 0.67 | 0.74 | 0.70 | 5.34 | ppb |
| Calcium | 43-1 | 143769.49 | 144482.00 | 144853.82 | 144368.44 | 0.38 | ppb |
| Calcium | 44-1 | 142021.64 | 144406.36 | 144123.81 | 143517.27 | 0.91 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 78.70 | 80.56 | 78.81 | 79.36 | 1.32 | ppb |
| Cobalt | 59-2 | 13.44 | 13.57 | 13.28 | 13.43 | 1.10 | ppb |
| Copper | 63-2 | 38.16 | 38.54 | 38.50 | 38.40 | 0.54 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 38499.79 | 38768.74 | 37680.64 | 38316.39 | 1.48 | ppb |
| Iron | 57-2 | 38520.49 | 39050.54 | 38145.36 | 38572.13 | 1.18 | ppb |
| Iron | 54-2 | 38638.77 | 38709.74 | 38209.28 | 38519.26 | 0.70 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:31:17 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 54.78 | 55.59 | 55.17 | 55.18 | 0.73 | ppb |
| Lead | 207-1 | 49.56 | 50.16 | 50.08 | 49.94 | 0.65 | ppb |
| Lead | 208-1 | 51.22 | 51.71 | 52.00 | 51.64 | 0.77 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 33543.17 | 33892.74 | 33608.63 | 33681.52 | 0.55 | ppb |
| Manganese | 55-2 | 1822.91 | 1818.95 | 1765.67 | 1802.51 | 1.77 | ppb |
| Molybdenum | 94-1 | 12.79 | 12.63 | 12.96 | 12.80 | 1.29 | ppb |
| Molybdenum | 95-1 | 6.16 | 6.21 | 6.38 | 6.25 | 1.84 | ppb |
| Molybdenum | 96-1 | 7.20 | 7.15 | 7.29 | 7.21 | 1.01 | ppb |
| Molybdenum | 97-1 | 6.20 | 6.13 | 6.36 | 6.23 | 1.88 | ppb |
| Molybdenum | 98-1 | 6.33 | 6.23 | 6.31 | 6.29 | 0.86 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 36.43 | 36.30 | 36.62 | 36.45 | 0.43 | ppb |
| Phosphorus | 31-2 | 787.22 | 827.36 | 839.36 | 817.98 | 3.34 | ppb |
| Potassium | 39-2 | 1329.31 | 1329.24 | 1328.46 | 1329.00 | 0.04 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.60 | 0.35 | 0.54 | 0.50 | 25.87 | ppb |
| Selenium | 77-2 | 5.09 | 9.24 | 5.94 | 6.76 | 32.42 | ppb |
| Selenium | 78-2 | 1.08 | -0.11 | 1.68 | 0.88 | 103.50 | ppb |
| Silicon | 28-1 | 1598.07 | 1599.38 | 1589.46 | 1595.64 | 0.34 | ppb |
| Silver | 107-1 | 0.12 | 0.12 | 0.12 | 0.12 | 0.20 | ppb |
| Silver | 109-1 | 0.12 | 0.13 | 0.12 | 0.12 | 4.17 | ppb |
| Sodium | 23-2 | 232.74 | 233.97 | 234.59 | 233.77 | 0.40 | ppb |
| Strontium | 86-1 | 13314.59 | 13594.96 | 13686.88 | 13532.14 | 1.43 | ppb |
| Strontium | 88-1 | 13272.78 | 13208.50 | 13517.48 | 13332.92 | 1.22 | ppb |
| Sulfur | 34-1 | 863.37 | 871.26 | 889.43 | 874.69 | 1.53 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.26 | 0.25 | 0.24 | 0.25 | 3.28 | ppb |
| Thallium | 205-1 | 0.24 | 0.26 | 0.26 | 0.25 | 2.97 | ppb |
| Tin | 118-1 | 1.55 | 1.61 | 1.58 | 1.58 | 1.91 | ppb |
| Titanium | 47-1 | 167.18 | 168.89 | 169.25 | 168.44 | 0.65 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:31:17 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.57 | 1.60 | 1.60 | 1.59 | 0.96 | ppb |
| Vanadium | 51-2 | 44.70 | 44.78 | 44.41 | 44.63 | 0.43 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 163.96 | 166.51 | 166.18 | 165.55 | 0.84 | ppb |
| Zirconium | 90-1 | 4.09 | 4.11 | 4.28 | 4.16 | 2.45 | ppb |
| Zirconium | 91-1 | 4.12 | 4.16 | 4.18 | 4.15 | 0.75 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:34:24 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 15859.29 | 15888.01 | 15889.54 | 15878.95 | 0.11 | ppb |
| Antimony | 121-1 | 0.64 | 0.72 | 0.68 | 0.68 | 5.30 | ppb |
| Arsenic | 75-2 | 14.60 | 13.90 | 14.77 | 14.42 | 3.17 | ppb |
| Barium | 135-1 | 139.29 | 147.67 | 148.95 | 145.31 | 3.61 | ppb |
| Barium | 137-1 | 141.07 | 150.87 | 151.08 | 147.67 | 3.87 | ppb |
| Beryllium | 9-1 | 0.95 | 0.91 | 0.95 | 0.93 | 2.59 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.31 | 3.29 | 3.47 | 3.36 | 2.89 | ppb |
| Cadmium | 106-1 | 2.86 | 3.47 | 3.11 | 3.15 | 9.75 | ppb |
| Cadmium | 111-1 | 2.37 | 2.54 | 2.54 | 2.48 | 4.10 | ppb |
| Calcium | 43-1 | 130330.60 | 141869.44 | 138894.78 | 137031.60 | 4.37 | ppb |
| Calcium | 44-1 | 129117.84 | 141005.00 | 139692.28 | 136605.04 | 4.77 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 36.71 | 36.89 | 36.55 | 36.71 | 0.46 | ppb |
| Cobalt | 59-2 | 20.90 | 21.23 | 21.28 | 21.14 | 0.98 | ppb |
| Copper | 63-2 | 38.64 | 38.63 | 39.10 | 38.79 | 0.69 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 44898.08 | 45593.97 | 45059.84 | 45183.97 | 0.81 | ppb |
| Iron | 57-2 | 44751.71 | 45470.58 | 44457.83 | 44893.37 | 1.16 | ppb |
| Iron | 54-2 | 44698.23 | 45463.35 | 45344.39 | 45168.66 | 0.91 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:34:24 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18.38 | 19.89 | 19.44 | 19.23 | 4.03 | ppb |
| Lead | 207-1 | 16.31 | 17.06 | 17.08 | 16.82 | 2.63 | ppb |
| Lead | 208-1 | 17.04 | 18.05 | 18.01 | 17.70 | 3.22 | ppb |
| Lithium | 6-1 | | | | 109 | | % |
| Magnesium | 24-2 | 40564.59 | 40476.86 | 40434.51 | 40491.99 | 0.16 | ppb |
| Manganese | 55-2 | 736.71 | 747.44 | 735.34 | 739.83 | 0.90 | ppb |
| Molybdenum | 94-1 | 25.15 | 26.76 | 27.18 | 26.36 | 4.06 | ppb |
| Molybdenum | 95-1 | 7.38 | 8.03 | 8.06 | 7.82 | 4.91 | ppb |
| Molybdenum | 96-1 | 9.59 | 10.25 | 10.35 | 10.06 | 4.13 | ppb |
| Molybdenum | 97-1 | 7.56 | 8.06 | 8.14 | 7.92 | 3.93 | ppb |
| Molybdenum | 98-1 | 7.41 | 7.81 | 7.90 | 7.71 | 3.38 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 59.01 | 59.54 | 60.17 | 59.57 | 0.98 | ppb |
| Phosphorus | 31-2 | 791.51 | 779.39 | 780.86 | 783.92 | 0.84 | ppb |
| Potassium | 39-2 | 2529.97 | 2577.50 | 2539.79 | 2549.09 | 0.98 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.57 | 0.65 | 0.63 | 0.62 | 6.26 | ppb |
| Selenium | 77-2 | 8.57 | 6.23 | 11.61 | 8.80 | 30.65 | ppb |
| Selenium | 78-2 | -0.24 | 1.31 | -1.01 | 0.02 | 5285.09 | ppb |
| Silicon | 28-1 | 1578.83 | 1711.73 | 1715.51 | 1668.69 | 4.67 | ppb |
| Silver | 107-1 | 0.13 | 0.14 | 0.14 | 0.13 | 4.09 | ppb |
| Silver | 109-1 | 0.12 | 0.11 | 0.13 | 0.12 | 7.88 | ppb |
| Sodium | 23-2 | 318.52 | 323.50 | 322.14 | 321.39 | 0.80 | ppb |
| Strontium | 86-1 | 9519.18 | 10085.57 | 10163.81 | 9922.85 | 3.55 | ppb |
| Strontium | 88-1 | 9607.68 | 10140.69 | 10105.87 | 9951.42 | 3.00 | ppb |
| Sulfur | 34-1 | 4338.64 | 5037.78 | 4902.46 | 4759.63 | 7.79 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.12 | 0.13 | 0.13 | 0.13 | 1.90 | ppb |
| Thallium | 205-1 | 0.12 | 0.13 | 0.14 | 0.13 | 6.46 | ppb |
| Tin | 118-1 | 1.76 | 1.88 | 1.88 | 1.84 | 3.69 | ppb |
| Titanium | 47-1 | 209.20 | 228.32 | 227.25 | 221.59 | 4.85 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:34:24 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.62 | 2.76 | 2.76 | 2.71 | 3.00 | ppb |
| Vanadium | 51-2 | 51.86 | 52.50 | 52.07 | 52.14 | 0.62 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 168.37 | 169.74 | 167.82 | 168.64 | 0.59 | ppb |
| Zirconium | 90-1 | 10.47 | 11.16 | 11.24 | 10.96 | 3.87 | ppb |
| Zirconium | 91-1 | 10.55 | 11.16 | 11.44 | 11.05 | 4.11 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:37:33 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10057.64 | 10217.79 | 10172.53 | 10149.32 | 0.81 | ppb |
| Antimony | 121-1 | 4.31 | 4.75 | 4.27 | 4.44 | 5.98 | ppb |
| Arsenic | 75-2 | 17.56 | 18.01 | 18.59 | 18.05 | 2.86 | ppb |
| Barium | 135-1 | 168.39 | 185.48 | 167.72 | 173.86 | 5.79 | ppb |
| Barium | 137-1 | 172.70 | 189.11 | 170.50 | 177.44 | 5.73 | ppb |
| Beryllium | 9-1 | 0.79 | 0.85 | 0.82 | 0.82 | 3.69 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.71 | 3.59 | 3.38 | 3.56 | 4.65 | ppb |
| Cadmium | 106-1 | 2.67 | 2.21 | 1.64 | 2.17 | 23.74 | ppb |
| Cadmium | 111-1 | 3.32 | 3.49 | 3.11 | 3.31 | 5.86 | ppb |
| Calcium | 43-1 | 127838.64 | 137129.51 | 126195.27 | 130387.80 | 4.52 | ppb |
| Calcium | 44-1 | 126971.73 | 138304.43 | 125735.09 | 130337.09 | 5.32 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 88.00 | 88.74 | 88.68 | 88.47 | 0.46 | ppb |
| Cobalt | 59-2 | 13.19 | 13.34 | 13.49 | 13.34 | 1.13 | ppb |
| Copper | 63-2 | 152.75 | 154.33 | 155.12 | 154.07 | 0.78 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 71401.45 | 72300.77 | 72609.94 | 72104.05 | 0.87 | ppb |
| Iron | 57-2 | 71025.76 | 71544.75 | 72540.01 | 71703.51 | 1.07 | ppb |
| Iron | 54-2 | 71521.03 | 71939.63 | 72603.29 | 72021.31 | 0.76 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:37:33 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 155.00 | 170.05 | 156.36 | 160.47 | 5.19 | ppb |
| Lead | 207-1 | 142.74 | 156.47 | 142.37 | 147.19 | 5.46 | ppb |
| Lead | 208-1 | 154.03 | 169.11 | 155.40 | 159.51 | 5.23 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 13253.78 | 13390.59 | 13214.77 | 13286.38 | 0.69 | ppb |
| Manganese | 55-2 | 1116.06 | 1125.38 | 1143.11 | 1128.19 | 1.22 | ppb |
| Molybdenum | 94-1 | 15.28 | 16.69 | 15.56 | 15.84 | 4.71 | ppb |
| Molybdenum | 95-1 | 14.30 | 15.42 | 14.29 | 14.67 | 4.42 | ppb |
| Molybdenum | 96-1 | 15.03 | 16.43 | 14.91 | 15.46 | 5.48 | ppb |
| Molybdenum | 97-1 | 14.32 | 15.88 | 14.25 | 14.82 | 6.20 | ppb |
| Molybdenum | 98-1 | 14.36 | 15.73 | 14.47 | 14.85 | 5.14 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 103.56 | 103.65 | 104.29 | 103.83 | 0.38 | ppb |
| Phosphorus | 31-2 | 1738.56 | 1749.70 | 1726.50 | 1738.25 | 0.67 | ppb |
| Potassium | 39-2 | 2154.20 | 2175.79 | 2185.07 | 2171.69 | 0.73 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 1.42 | 2.08 | 1.32 | 1.61 | 25.61 | ppb |
| Selenium | 77-2 | 5.50 | 6.67 | 8.26 | 6.81 | 20.37 | ppb |
| Selenium | 78-2 | 1.75 | 0.19 | 1.09 | 1.01 | 77.16 | ppb |
| Silicon | 28-1 | 1355.70 | 1465.43 | 1337.54 | 1386.22 | 4.99 | ppb |
| Silver | 107-1 | 0.58 | 0.64 | 0.58 | 0.60 | 5.09 | ppb |
| Silver | 109-1 | 0.57 | 0.66 | 0.58 | 0.60 | 7.78 | ppb |
| Sodium | 23-2 | 653.59 | 654.14 | 656.88 | 654.87 | 0.27 | ppb |
| Strontium | 86-1 | 10940.68 | 12030.35 | 10968.57 | 11313.20 | 5.49 | ppb |
| Strontium | 88-1 | 10950.35 | 11940.73 | 10982.36 | 11291.14 | 4.98 | ppb |
| Sulfur | 34-1 | 3777.56 | 4330.40 | 3642.72 | 3916.89 | 9.30 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.38 | 0.43 | 0.37 | 0.39 | 7.86 | ppb |
| Thallium | 205-1 | 0.37 | 0.43 | 0.39 | 0.40 | 8.12 | ppb |
| Tin | 118-1 | 8.87 | 9.74 | 8.86 | 9.16 | 5.53 | ppb |
| Titanium | 47-1 | 178.57 | 197.51 | 178.19 | 184.76 | 5.98 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:37:33 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6.24 | 6.87 | 6.27 | 6.46 | 5.55 | ppb |
| Vanadium | 51-2 | 42.88 | 43.18 | 43.48 | 43.18 | 0.70 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 704.22 | 714.68 | 714.59 | 711.16 | 0.85 | ppb |
| Zirconium | 90-1 | 1.98 | 2.17 | 1.99 | 2.05 | 5.29 | ppb |
| Zirconium | 91-1 | 2.04 | 2.17 | 2.04 | 2.08 | 3.71 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:40:36 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13939.54 | 14299.37 | 14079.48 | 14106.13 | 1.29 | ppb |
| Antimony | 121-1 | 0.72 | 0.69 | 0.71 | 0.71 | 2.03 | ppb |
| Arsenic | 75-2 | 15.31 | 15.00 | 15.77 | 15.36 | 2.51 | ppb |
| Barium | 135-1 | 171.19 | 173.21 | 174.52 | 172.97 | 0.97 | ppb |
| Barium | 137-1 | 173.84 | 176.89 | 178.42 | 176.39 | 1.32 | ppb |
| Beryllium | 9-1 | 1.10 | 1.08 | 1.05 | 1.08 | 2.28 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.13 | 1.17 | 1.48 | 1.26 | 15.42 | ppb |
| Cadmium | 106-1 | 1.48 | 0.47 | 0.63 | 0.86 | 63.04 | ppb |
| Cadmium | 111-1 | 1.02 | 1.03 | 1.00 | 1.02 | 1.82 | ppb |
| Calcium | 43-1 | 183275.81 | 185388.43 | 187159.04 | 185274.43 | 1.05 | ppb |
| Calcium | 44-1 | 184046.88 | 185322.74 | 186605.69 | 185325.10 | 0.69 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 159.99 | 160.53 | 160.40 | 160.31 | 0.17 | ppb |
| Cobalt | 59-2 | 17.30 | 17.36 | 17.05 | 17.24 | 0.94 | ppb |
| Copper | 63-2 | 51.02 | 51.61 | 51.35 | 51.33 | 0.58 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 64487.25 | 63911.27 | 63643.91 | 64014.14 | 0.67 | ppb |
| Iron | 57-2 | 63925.98 | 64248.74 | 64139.44 | 64104.72 | 0.26 | ppb |
| Iron | 54-2 | 64294.49 | 64417.34 | 64109.27 | 64273.70 | 0.24 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:40:36 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 88.06 | 90.62 | 89.93 | 89.54 | 1.48 | ppb |
| Lead | 207-1 | 79.77 | 81.58 | 81.38 | 80.91 | 1.23 | ppb |
| Lead | 208-1 | 86.03 | 88.60 | 87.66 | 87.43 | 1.49 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 51781.34 | 52440.41 | 52120.76 | 52114.17 | 0.63 | ppb |
| Manganese | 55-2 | 3497.24 | 3522.84 | 3509.25 | 3509.77 | 0.36 | ppb |
| Molybdenum | 94-1 | 9.92 | 10.07 | 9.95 | 9.98 | 0.82 | ppb |
| Molybdenum | 95-1 | 6.33 | 6.35 | 6.50 | 6.40 | 1.46 | ppb |
| Molybdenum | 96-1 | 7.04 | 7.16 | 7.16 | 7.12 | 0.96 | ppb |
| Molybdenum | 97-1 | 6.20 | 6.26 | 6.35 | 6.27 | 1.24 | ppb |
| Molybdenum | 98-1 | 6.21 | 6.30 | 6.35 | 6.29 | 1.07 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 69.46 | 68.49 | 69.78 | 69.24 | 0.97 | ppb |
| Phosphorus | 31-2 | 949.95 | 950.45 | 965.04 | 955.15 | 0.90 | ppb |
| Potassium | 39-2 | 2419.60 | 2469.19 | 2413.04 | 2433.94 | 1.26 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.74 | 0.67 | 1.03 | 0.81 | 23.73 | ppb |
| Selenium | 77-2 | 8.47 | 5.57 | 8.01 | 7.35 | 21.24 | ppb |
| Selenium | 78-2 | -0.63 | 0.10 | 0.31 | -0.07 | | ppb |
| Silicon | 28-1 | 1507.58 | 1521.30 | 1596.11 | 1541.66 | 3.09 | ppb |
| Silver | 107-1 | 0.33 | 0.34 | 0.35 | 0.34 | 2.10 | ppb |
| Silver | 109-1 | 0.34 | 0.35 | 0.33 | 0.34 | 1.91 | ppb |
| Sodium | 23-2 | 321.20 | 325.07 | 320.37 | 322.21 | 0.78 | ppb |
| Strontium | 86-1 | 9028.35 | 9142.00 | 9170.68 | 9113.68 | 0.83 | ppb |
| Strontium | 88-1 | 9093.62 | 9205.02 | 9224.75 | 9174.46 | 0.77 | ppb |
| Sulfur | 34-1 | 1583.07 | 1634.88 | 1802.87 | 1673.61 | 6.87 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.48 | 0.50 | 0.49 | 0.49 | 2.28 | ppb |
| Thallium | 205-1 | 0.48 | 0.50 | 0.49 | 0.49 | 1.29 | ppb |
| Tin | 118-1 | 3.16 | 3.29 | 3.28 | 3.25 | 2.21 | ppb |
| Titanium | 47-1 | 262.99 | 266.47 | 273.78 | 267.74 | 2.06 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:40:36 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.65 | 1.67 | 1.67 | 1.66 | 0.72 | ppb |
| Vanadium | 51-2 | 66.41 | 67.29 | 66.71 | 66.81 | 0.67 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 360.36 | 364.37 | 363.07 | 362.60 | 0.56 | ppb |
| Zirconium | 90-1 | 2.56 | 2.58 | 2.60 | 2.58 | 0.71 | ppb |
| Zirconium | 91-1 | 2.65 | 2.62 | 2.62 | 2.63 | 0.79 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:43:45 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16191.62 | 16015.24 | 16232.08 | 16146.31 | 0.71 | ppb |
| Antimony | 121-1 | 0.74 | 0.82 | 0.85 | 0.80 | 7.30 | ppb |
| Arsenic | 75-2 | 15.13 | 15.45 | 15.32 | 15.30 | 1.03 | ppb |
| Barium | 135-1 | 144.26 | 159.84 | 162.98 | 155.69 | 6.44 | ppb |
| Barium | 137-1 | 148.27 | 163.42 | 167.07 | 159.59 | 6.25 | ppb |
| Beryllium | 9-1 | 1.19 | 1.26 | 1.34 | 1.26 | 6.02 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.08 | 1.76 | 1.74 | 1.86 | 10.42 | ppb |
| Cadmium | 106-1 | 1.91 | 1.40 | 1.00 | 1.44 | 31.78 | ppb |
| Cadmium | 111-1 | 1.35 | 1.46 | 1.43 | 1.42 | 4.01 | ppb |
| Calcium | 43-1 | 161186.87 | 184704.30 | 182441.81 | 176110.99 | 7.37 | ppb |
| Calcium | 44-1 | 161839.72 | 183811.08 | 182690.54 | 176113.78 | 7.03 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 311.07 | 314.52 | 312.50 | 312.70 | 0.56 | ppb |
| Cobalt | 59-2 | 18.15 | 18.29 | 18.27 | 18.24 | 0.43 | ppb |
| Copper | 63-2 | 55.12 | 55.95 | 55.47 | 55.52 | 0.75 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 88767.50 | 88416.13 | 89419.12 | 88867.58 | 0.57 | ppb |
| Iron | 57-2 | 88031.14 | 88916.07 | 88793.05 | 88580.09 | 0.54 | ppb |
| Iron | 54-2 | 88645.22 | 89812.28 | 88954.24 | 89137.25 | 0.68 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:43:45 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 141.44 | 157.34 | 161.88 | 153.55 | 6.99 | ppb |
| Lead | 207-1 | 127.37 | 141.84 | 144.93 | 138.04 | 6.79 | ppb |
| Lead | 208-1 | 139.15 | 155.19 | 156.94 | 150.43 | 6.52 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 47300.51 | 47443.26 | 47883.05 | 47542.27 | 0.64 | ppb |
| Manganese | 55-2 | 6651.37 | 6722.83 | 6729.94 | 6701.38 | 0.65 | ppb |
| Molybdenum | 94-1 | 10.18 | 11.76 | 11.51 | 11.15 | 7.62 | ppb |
| Molybdenum | 95-1 | 5.87 | 6.64 | 6.73 | 6.41 | 7.33 | ppb |
| Molybdenum | 96-1 | 6.73 | 7.71 | 7.74 | 7.39 | 7.80 | ppb |
| Molybdenum | 97-1 | 5.69 | 6.72 | 6.63 | 6.35 | 8.97 | ppb |
| Molybdenum | 98-1 | 5.79 | 6.62 | 6.46 | 6.29 | 6.98 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 77.51 | 78.56 | 78.61 | 78.23 | 0.80 | ppb |
| Phosphorus | 31-2 | 1281.56 | 1245.55 | 1270.88 | 1266.00 | 1.46 | ppb |
| Potassium | 39-2 | 2177.40 | 2194.54 | 2284.27 | 2218.74 | 2.59 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 84 | | % |
| Selenium | 82-1 | 0.64 | 0.55 | 0.58 | 0.59 | 7.98 | ppb |
| Selenium | 77-2 | 6.50 | 7.37 | 9.33 | 7.73 | 18.75 | ppb |
| Selenium | 78-2 | 1.06 | 1.30 | 0.38 | 0.91 | 52.10 | ppb |
| Silicon | 28-1 | 1274.22 | 1451.68 | 1477.91 | 1401.27 | 7.91 | ppb |
| Silver | 107-1 | 0.55 | 0.61 | 0.63 | 0.60 | 7.29 | ppb |
| Silver | 109-1 | 0.55 | 0.58 | 0.63 | 0.59 | 6.58 | ppb |
| Sodium | 23-2 | 315.42 | 316.46 | 320.02 | 317.30 | 0.76 | ppb |
| Strontium | 86-1 | 6675.01 | 7649.14 | 7681.20 | 7335.12 | 7.80 | ppb |
| Strontium | 88-1 | 7019.23 | 7908.17 | 7848.46 | 7591.95 | 6.54 | ppb |
| Sulfur | 34-1 | 1836.33 | 2474.71 | 2503.28 | 2271.44 | 16.60 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.63 | 0.69 | 0.73 | 0.68 | 7.86 | ppb |
| Thallium | 205-1 | 0.62 | 0.71 | 0.73 | 0.69 | 8.31 | ppb |
| Tin | 118-1 | 3.09 | 3.49 | 3.50 | 3.36 | 6.95 | ppb |
| Titanium | 47-1 | 380.25 | 439.13 | 435.92 | 418.43 | 7.91 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:43:45 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.73 | 1.96 | 2.00 | 1.90 | 7.57 | ppb |
| Vanadium | 51-2 | 117.37 | 117.21 | 118.07 | 117.55 | 0.39 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 667.46 | 667.29 | 672.06 | 668.94 | 0.40 | ppb |
| Zirconium | 90-1 | 2.95 | 3.36 | 3.34 | 3.22 | 7.22 | ppb |
| Zirconium | 91-1 | 2.95 | 3.35 | 3.38 | 3.23 | 7.40 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:46:52 | DataFile Name : | 143SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16257.02 | 16139.81 | 15932.24 | 16109.69 | 1.02 | ppb |
| Antimony | 121-1 | 0.78 | 0.79 | 0.79 | 0.79 | 0.75 | ppb |
| Arsenic | 75-2 | 11.08 | 12.48 | 11.53 | 11.70 | 6.14 | ppb |
| Barium | 135-1 | 201.49 | 204.61 | 205.86 | 203.98 | 1.10 | ppb |
| Barium | 137-1 | 205.10 | 207.50 | 208.61 | 207.07 | 0.86 | ppb |
| Beryllium | 9-1 | 1.16 | 1.17 | 1.28 | 1.20 | 5.41 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.59 | 1.51 | 1.72 | 1.61 | 6.62 | ppb |
| Cadmium | 106-1 | 0.79 | 1.30 | 0.35 | 0.81 | 58.28 | ppb |
| Cadmium | 111-1 | 1.11 | 1.20 | 1.16 | 1.15 | 3.80 | ppb |
| Calcium | 43-1 | 242023.22 | 249804.42 | 253687.66 | 248505.10 | 2.39 | ppb |
| Calcium | 44-1 | 240779.74 | 247907.12 | 250836.13 | 246507.66 | 2.10 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 333.25 | 331.99 | 325.97 | 330.40 | 1.18 | ppb |
| Cobalt | 59-2 | 12.47 | 12.28 | 12.19 | 12.31 | 1.14 | ppb |
| Copper | 63-2 | 43.51 | 43.64 | 42.94 | 43.36 | 0.85 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 80989.26 | 81805.86 | 80487.09 | 81094.07 | 0.82 | ppb |
| Iron | 57-2 | 81863.14 | 81430.93 | 80592.64 | 81295.57 | 0.79 | ppb |
| Iron | 54-2 | 80825.33 | 81893.08 | 80689.38 | 81135.93 | 0.81 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:46:52 | DataFile Name : | 143SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 111.14 | 115.98 | 115.90 | 114.34 | 2.43 | ppb |
| Lead | 207-1 | 99.43 | 103.59 | 103.93 | 102.32 | 2.45 | ppb |
| Lead | 208-1 | 109.18 | 113.14 | 113.34 | 111.89 | 2.10 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 86350.79 | 86087.63 | 85601.89 | 86013.44 | 0.44 | ppb |
| Manganese | 55-2 | 8774.56 | 8887.62 | 8792.60 | 8818.26 | 0.69 | ppb |
| Molybdenum | 94-1 | 10.80 | 11.25 | 11.03 | 11.03 | 2.00 | ppb |
| Molybdenum | 95-1 | 6.22 | 6.44 | 6.37 | 6.34 | 1.78 | ppb |
| Molybdenum | 96-1 | 7.10 | 7.39 | 7.36 | 7.28 | 2.17 | ppb |
| Molybdenum | 97-1 | 6.12 | 6.48 | 6.38 | 6.33 | 2.96 | ppb |
| Molybdenum | 98-1 | 6.07 | 6.27 | 6.34 | 6.22 | 2.26 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 91.24 | 91.51 | 90.44 | 91.06 | 0.61 | ppb |
| Phosphorus | 31-2 | 1303.99 | 1262.37 | 1285.46 | 1283.94 | 1.62 | ppb |
| Potassium | 39-2 | 1530.18 | 1535.32 | 1521.01 | 1528.84 | 0.47 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 84 | | % |
| Selenium | 82-1 | 1.08 | 0.35 | 1.14 | 0.86 | 51.33 | ppb |
| Selenium | 77-2 | 5.74 | 6.00 | 6.14 | 5.96 | 3.45 | ppb |
| Selenium | 78-2 | -0.13 | 0.04 | -0.45 | -0.18 | | ppb |
| Silicon | 28-1 | 1733.32 | 1751.11 | 1802.90 | 1762.44 | 2.05 | ppb |
| Silver | 107-1 | 0.38 | 0.37 | 0.39 | 0.38 | 1.94 | ppb |
| Silver | 109-1 | 0.38 | 0.38 | 0.39 | 0.38 | 1.24 | ppb |
| Sodium | 23-2 | 393.39 | 394.99 | 387.86 | 392.08 | 0.95 | ppb |
| Strontium | 86-1 | 13453.55 | 13940.20 | 14170.49 | 13854.75 | 2.64 | ppb |
| Strontium | 88-1 | 13335.72 | 13962.82 | 14075.70 | 13791.41 | 2.89 | ppb |
| Sulfur | 34-1 | 2192.58 | 2224.87 | 2295.71 | 2237.72 | 2.36 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.55 | 0.60 | 0.59 | 0.58 | 4.39 | ppb |
| Thallium | 205-1 | 0.55 | 0.58 | 0.60 | 0.57 | 4.30 | ppb |
| Tin | 118-1 | 2.70 | 2.81 | 2.74 | 2.75 | 2.12 | ppb |
| Titanium | 47-1 | 480.21 | 493.93 | 493.81 | 489.32 | 1.61 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:46:52 | DataFile Name : | 143SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.97 | 2.04 | 2.07 | 2.03 | 2.56 | ppb |
| Vanadium | 51-2 | 126.91 | 127.36 | 125.48 | 126.58 | 0.77 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 425.42 | 421.31 | 421.37 | 422.70 | 0.56 | ppb |
| Zirconium | 90-1 | 3.17 | 3.29 | 3.25 | 3.24 | 1.80 | ppb |
| Zirconium | 91-1 | 3.21 | 3.38 | 3.28 | 3.29 | 2.61 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:50:01 | DataFile Name : | 144SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12799.41 | 12638.36 | 12624.09 | 12687.29 | 0.77 | ppb |
| Antimony | 121-1 | 0.49 | 0.51 | 0.50 | 0.50 | 1.79 | ppb |
| Arsenic | 75-2 | 12.34 | 12.47 | 12.88 | 12.56 | 2.24 | ppb |
| Barium | 135-1 | 194.92 | 196.80 | 197.20 | 196.30 | 0.62 | ppb |
| Barium | 137-1 | 199.41 | 200.33 | 200.02 | 199.92 | 0.24 | ppb |
| Beryllium | 9-1 | 0.98 | 0.96 | 0.83 | 0.93 | 8.81 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.72 | 1.84 | 1.86 | 1.81 | 4.05 | ppb |
| Cadmium | 106-1 | 0.77 | 0.57 | 1.04 | 0.79 | 29.58 | ppb |
| Cadmium | 111-1 | 1.57 | 1.62 | 1.57 | 1.59 | 1.97 | ppb |
| Calcium | 43-1 | 146293.33 | 150254.56 | 148864.19 | 148470.70 | 1.35 | ppb |
| Calcium | 44-1 | 147222.29 | 150530.74 | 147780.92 | 148511.31 | 1.19 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 110.26 | 110.20 | 110.11 | 110.19 | 0.07 | ppb |
| Cobalt | 59-2 | 16.33 | 16.27 | 16.23 | 16.28 | 0.33 | ppb |
| Copper | 63-2 | 39.85 | 39.41 | 39.07 | 39.44 | 0.99 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 50895.97 | 50259.69 | 50027.11 | 50394.26 | 0.89 | ppb |
| Iron | 57-2 | 50715.91 | 50121.08 | 50396.81 | 50411.27 | 0.59 | ppb |
| Iron | 54-2 | 50607.40 | 50780.62 | 50779.46 | 50722.49 | 0.20 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:50:01 | DataFile Name : | 144SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 57.14 | 55.75 | 57.28 | 56.72 | 1.49 | ppb |
| Lead | 207-1 | 51.01 | 50.41 | 51.82 | 51.08 | 1.38 | ppb |
| Lead | 208-1 | 53.25 | 52.23 | 53.56 | 53.01 | 1.32 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 41440.97 | 40754.41 | 41068.43 | 41087.94 | 0.84 | ppb |
| Manganese | 55-2 | 3304.43 | 3282.45 | 3264.70 | 3283.86 | 0.61 | ppb |
| Molybdenum | 94-1 | 8.54 | 8.54 | 8.66 | 8.58 | 0.81 | ppb |
| Molybdenum | 95-1 | 5.12 | 5.20 | 5.15 | 5.15 | 0.80 | ppb |
| Molybdenum | 96-1 | 5.82 | 6.00 | 5.83 | 5.88 | 1.74 | ppb |
| Molybdenum | 97-1 | 5.25 | 5.24 | 5.11 | 5.20 | 1.48 | ppb |
| Molybdenum | 98-1 | 5.17 | 5.15 | 5.13 | 5.15 | 0.35 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 53.02 | 52.14 | 52.78 | 52.65 | 0.86 | ppb |
| Phosphorus | 31-2 | 1014.70 | 1017.42 | 1002.15 | 1011.43 | 0.81 | ppb |
| Potassium | 39-2 | 1781.02 | 1752.90 | 1758.94 | 1764.29 | 0.84 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 83 | | % |
| Selenium | 82-1 | 0.74 | 0.86 | 0.58 | 0.73 | 19.71 | ppb |
| Selenium | 77-2 | 6.61 | 7.14 | 9.48 | 7.74 | 19.76 | ppb |
| Selenium | 78-2 | -0.84 | 0.14 | 0.46 | -0.08 | | ppb |
| Silicon | 28-1 | 1423.50 | 1463.23 | 1452.41 | 1446.38 | 1.42 | ppb |
| Silver | 107-1 | 0.23 | 0.23 | 0.22 | 0.23 | 2.62 | ppb |
| Silver | 109-1 | 0.23 | 0.23 | 0.23 | 0.23 | 0.52 | ppb |
| Sodium | 23-2 | 253.69 | 250.75 | 251.83 | 252.09 | 0.59 | ppb |
| Strontium | 86-1 | 7922.27 | 7985.49 | 7991.15 | 7966.30 | 0.48 | ppb |
| Strontium | 88-1 | 8165.89 | 8360.71 | 8261.84 | 8262.82 | 1.18 | ppb |
| Sulfur | 34-1 | 1459.90 | 1633.10 | 1537.73 | 1543.58 | 5.62 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.37 | 0.38 | 0.38 | 0.38 | 2.17 | ppb |
| Thallium | 205-1 | 0.38 | 0.37 | 0.39 | 0.38 | 2.38 | ppb |
| Tin | 118-1 | 1.44 | 1.42 | 1.45 | 1.44 | 1.23 | ppb |
| Titanium | 47-1 | 217.44 | 227.32 | 224.94 | 223.23 | 2.31 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:50:01 | DataFile Name : | 144SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.53 | 1.53 | 1.55 | 1.53 | 0.88 | ppb |
| Vanadium | 51-2 | 68.17 | 67.92 | 68.27 | 68.12 | 0.27 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 235.75 | 231.34 | 234.07 | 233.72 | 0.95 | ppb |
| Zirconium | 90-1 | 2.36 | 2.44 | 2.42 | 2.41 | 1.63 | ppb |
| Zirconium | 91-1 | 2.36 | 2.44 | 2.39 | 2.40 | 1.73 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:53:19 | DataFile Name : | 145CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 48416.10 | 49219.84 | 48303.54 | 48646.49 | 1.03 | ppb |
| Antimony | 121-1 | 477.92 | 489.25 | 490.96 | 486.04 | 1.46 | ppb |
| Arsenic | 75-2 | 482.76 | 483.08 | 474.18 | 480.01 | 1.05 | ppb |
| Barium | 135-1 | 2419.82 | 2461.69 | 2504.84 | 2462.12 | 1.73 | ppb |
| Barium | 137-1 | 2439.24 | 2481.99 | 2503.01 | 2474.75 | 1.31 | ppb |
| Beryllium | 9-1 | 478.25 | 483.36 | 479.81 | 480.47 | 0.55 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 476.67 | 487.52 | 485.82 | 483.34 | 1.21 | ppb |
| Cadmium | 106-1 | 480.85 | 482.64 | 485.23 | 482.91 | 0.46 | ppb |
| Cadmium | 111-1 | 452.41 | 458.29 | 461.85 | 457.52 | 1.04 | ppb |
| Calcium | 43-1 | 256598.95 | 254892.91 | 255393.40 | 255628.42 | 0.34 | ppb |
| Calcium | 44-1 | 252141.45 | 253365.94 | 253485.38 | 252997.59 | 0.29 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 491.70 | 506.59 | 491.48 | 496.59 | 1.74 | ppb |
| Cobalt | 59-2 | 489.51 | 491.85 | 490.05 | 490.47 | 0.25 | ppb |
| Copper | 63-2 | 4825.66 | 4799.36 | 4785.30 | 4803.44 | 0.43 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 86 | | % |
| Iron | 56-2 | 127136.01 | 126715.72 | 125354.91 | 126402.21 | 0.74 | ppb |
| Iron | 57-2 | 126655.37 | 127500.10 | 126435.19 | 126863.56 | 0.44 | ppb |
| Iron | 54-2 | 127341.34 | 128421.67 | 126348.57 | 127370.53 | 0.81 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:53:19 | DataFile Name : | 145CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2477.87 | 2517.89 | 2515.00 | 2503.58 | 0.89 | ppb |
| Lead | 207-1 | 2397.38 | 2488.98 | 2502.47 | 2462.94 | 2.32 | ppb |
| Lead | 208-1 | 2432.71 | 2493.70 | 2494.35 | 2473.59 | 1.43 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 232162.79 | 234010.78 | 230825.34 | 232332.97 | 0.69 | ppb |
| Manganese | 55-2 | 4871.50 | 4880.82 | 4863.26 | 4871.86 | 0.18 | ppb |
| Molybdenum | 94-1 | 4862.81 | 4911.79 | 4906.27 | 4893.63 | 0.55 | ppb |
| Molybdenum | 95-1 | 4846.03 | 4897.87 | 4896.49 | 4880.13 | 0.61 | ppb |
| Molybdenum | 96-1 | 4864.69 | 4939.83 | 4963.79 | 4922.77 | 1.05 | ppb |
| Molybdenum | 97-1 | 4847.66 | 4952.11 | 4945.75 | 4915.18 | 1.19 | ppb |
| Molybdenum | 98-1 | 4883.29 | 4911.24 | 4953.09 | 4915.87 | 0.71 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 463.53 | 467.39 | 463.75 | 464.89 | 0.47 | ppb |
| Phosphorus | 31-2 | 9683.41 | 9818.37 | 9606.05 | 9702.61 | 1.11 | ppb |
| Potassium | 39-2 | 120254.70 | 121653.89 | 120853.74 | 120920.78 | 0.58 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 85 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 84 | | % |
| Selenium | 82-1 | 467.63 | 471.01 | 475.69 | 471.44 | 0.86 | ppb |
| Selenium | 77-2 | 487.73 | 454.45 | 458.37 | 466.85 | 3.90 | ppb |
| Selenium | 78-2 | 468.67 | 485.72 | 460.25 | 471.55 | 2.75 | ppb |
| Silicon | 28-1 | 219.14 | 219.82 | 219.59 | 219.52 | 0.16 | ppb |
| Silver | 107-1 | 476.87 | 485.51 | 487.26 | 483.21 | 1.15 | ppb |
| Silver | 109-1 | 474.43 | 487.44 | 489.58 | 483.82 | 1.69 | ppb |
| Sodium | 23-2 | 243422.03 | 243578.27 | 243361.64 | 243453.98 | 0.05 | ppb |
| Strontium | 86-1 | 12176.29 | 12371.54 | 12258.33 | 12268.72 | 0.80 | ppb |
| Strontium | 88-1 | 12142.07 | 12173.03 | 12187.52 | 12167.54 | 0.19 | ppb |
| Sulfur | 34-1 | 9913.46 | 9862.51 | 9863.41 | 9879.80 | 0.30 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 493.26 | 508.61 | 501.69 | 501.19 | 1.53 | ppb |
| Thallium | 205-1 | 490.95 | 505.78 | 502.40 | 499.71 | 1.56 | ppb |
| Tin | 118-1 | 477.67 | 488.55 | 497.65 | 487.95 | 2.05 | ppb |
| Titanium | 47-1 | 4862.62 | 4884.09 | 4858.41 | 4868.38 | 0.28 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:53:19 | DataFile Name : | 145CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 464.87 | 483.23 | 486.59 | 478.23 | 2.45 | ppb |
| Vanadium | 51-2 | 503.53 | 511.69 | 501.46 | 505.56 | 1.07 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 4678.70 | 4752.77 | 4683.18 | 4704.88 | 0.88 | ppb |
| Zirconium | 90-1 | 480.41 | 489.81 | 488.35 | 486.19 | 1.04 | ppb |
| Zirconium | 91-1 | 489.01 | 484.65 | 502.28 | 491.98 | 1.87 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:56:04 | DataFile Name : | 146CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.91 | 3.54 | 3.60 | 3.68 | 5.42 | ppb |
| Antimony | 121-1 | 0.22 | 0.20 | 0.18 | 0.20 | 9.90 | ppb |
| Arsenic | 75-2 | 0.02 | 0.01 | 0.02 | 0.02 | 36.04 | ppb |
| Barium | 135-1 | 0.34 | 0.32 | 0.25 | 0.30 | 14.63 | ppb |
| Barium | 137-1 | 0.39 | 0.36 | 0.25 | 0.33 | 22.03 | ppb |
| Beryllium | 9-1 | 0.12 | 0.11 | 0.08 | 0.10 | 22.85 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.13 | 0.06 | 0.00 | 0.06 | 107.09 | ppb |
| Cadmium | 106-1 | -1.60 | -2.26 | -0.58 | -1.48 | | ppb |
| Cadmium | 111-1 | -0.01 | -0.09 | 0.03 | -0.02 | | ppb |
| Calcium | 43-1 | 49.36 | 45.45 | 30.94 | 41.92 | 23.16 | ppb |
| Calcium | 44-1 | 44.57 | 34.86 | 29.56 | 36.33 | 20.96 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.01 | 0.01 | 0.01 | 0.01 | 18.02 | ppb |
| Cobalt | 59-2 | 0.04 | 0.04 | 0.04 | 0.04 | 9.26 | ppb |
| Copper | 63-2 | 1.60 | 1.55 | 1.54 | 1.57 | 2.09 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 11.76 | 10.76 | 9.79 | 10.77 | 9.18 | ppb |
| Iron | 57-2 | 12.30 | 10.50 | 9.33 | 10.71 | 13.99 | ppb |
| Iron | 54-2 | 12.40 | 10.92 | 11.51 | 11.61 | 6.43 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:56:04 | DataFile Name : | 146CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.42 | 0.37 | 0.34 | 0.37 | 10.76 | ppb |
| Lead | 207-1 | 0.42 | 0.36 | 0.35 | 0.38 | 10.22 | ppb |
| Lead | 208-1 | 0.42 | 0.36 | 0.34 | 0.37 | 11.19 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 20.07 | 18.54 | 17.34 | 18.65 | 7.35 | ppb |
| Manganese | 55-2 | 0.52 | 0.49 | 0.43 | 0.48 | 9.64 | ppb |
| Molybdenum | 94-1 | 0.87 | 0.77 | 0.64 | 0.76 | 15.25 | ppb |
| Molybdenum | 95-1 | 0.88 | 0.74 | 0.62 | 0.74 | 17.51 | ppb |
| Molybdenum | 96-1 | 0.90 | 0.71 | 0.59 | 0.73 | 20.92 | ppb |
| Molybdenum | 97-1 | 0.88 | 0.74 | 0.59 | 0.73 | 19.99 | ppb |
| Molybdenum | 98-1 | 0.90 | 0.78 | 0.60 | 0.76 | 20.02 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.01 | -0.01 | -0.02 | -0.01 | | ppb |
| Phosphorus | 31-2 | -16.85 | -17.19 | -16.17 | -16.74 | | ppb |
| Potassium | 39-2 | 18.84 | 19.90 | 17.21 | 18.65 | 7.25 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | -0.03 | -0.25 | -0.23 | -0.17 | | ppb |
| Selenium | 77-2 | -0.16 | 0.01 | -0.16 | -0.10 | | ppb |
| Selenium | 78-2 | -1.33 | -1.04 | -1.15 | -1.17 | | ppb |
| Silicon | 28-1 | -14.67 | -15.53 | -15.55 | -15.25 | | ppb |
| Silver | 107-1 | 0.13 | 0.10 | 0.09 | 0.11 | 17.93 | ppb |
| Silver | 109-1 | 0.14 | 0.11 | 0.09 | 0.11 | 23.19 | ppb |
| Sodium | 23-2 | 50.78 | 48.78 | 44.01 | 47.86 | 7.27 | ppb |
| Strontium | 86-1 | 1.27 | 1.41 | 0.82 | 1.17 | 26.29 | ppb |
| Strontium | 88-1 | 2.21 | 1.80 | 1.32 | 1.78 | 25.12 | ppb |
| Sulfur | 34-1 | -64.54 | -121.94 | -71.28 | -85.92 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.11 | 0.10 | 0.07 | 0.10 | 21.33 | ppb |
| Thallium | 205-1 | 0.12 | 0.09 | 0.08 | 0.10 | 20.71 | ppb |
| Tin | 118-1 | 0.08 | 0.08 | 0.06 | 0.07 | 14.52 | ppb |
| Titanium | 47-1 | 0.89 | 0.69 | 0.52 | 0.70 | 26.05 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:56:04 | DataFile Name : | 146CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.06 | 0.06 | 0.04 | 0.05 | 20.75 | ppb |
| Vanadium | 51-2 | 0.03 | 0.04 | 0.04 | 0.03 | 8.82 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 0.55 | 0.51 | 0.55 | 0.54 | 4.21 | ppb |
| Zirconium | 90-1 | 0.10 | 0.09 | 0.08 | 0.09 | 13.38 | ppb |
| Zirconium | 91-1 | 0.11 | 0.09 | 0.07 | 0.09 | 20.77 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:59:22 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12268.38 | 12132.14 | 12115.28 | 12171.93 | 0.69 | ppb |
| Antimony | 121-1 | 0.55 | 0.55 | 0.57 | 0.55 | 1.95 | ppb |
| Arsenic | 75-2 | 12.55 | 13.35 | 12.70 | 12.87 | 3.28 | ppb |
| Barium | 135-1 | 126.93 | 128.75 | 129.99 | 128.56 | 1.20 | ppb |
| Barium | 137-1 | 128.42 | 130.50 | 131.52 | 130.15 | 1.21 | ppb |
| Beryllium | 9-1 | 0.98 | 0.96 | 1.06 | 1.00 | 5.14 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.03 | 1.09 | 1.06 | 1.06 | 2.84 | ppb |
| Cadmium | 106-1 | 0.70 | 0.79 | 0.68 | 0.72 | 8.23 | ppb |
| Cadmium | 111-1 | 0.72 | 0.72 | 0.72 | 0.72 | 0.47 | ppb |
| Calcium | 43-1 | 164355.26 | 163950.29 | 167414.47 | 165240.01 | 1.15 | ppb |
| Calcium | 44-1 | 163608.58 | 164693.52 | 165804.80 | 164702.30 | 0.67 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 150.09 | 150.02 | 149.31 | 149.81 | 0.29 | ppb |
| Cobalt | 59-2 | 15.52 | 16.04 | 15.88 | 15.81 | 1.70 | ppb |
| Copper | 63-2 | 43.16 | 43.19 | 42.77 | 43.04 | 0.54 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 50944.46 | 51065.79 | 50209.30 | 50739.85 | 0.91 | ppb |
| Iron | 57-2 | 50841.15 | 51155.25 | 50531.96 | 50842.79 | 0.61 | ppb |
| Iron | 54-2 | 51358.38 | 51450.37 | 50638.45 | 51149.07 | 0.87 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:59:22 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 56.22 | 57.18 | 57.89 | 57.10 | 1.47 | ppb |
| Lead | 207-1 | 50.10 | 51.15 | 51.88 | 51.04 | 1.76 | ppb |
| Lead | 208-1 | 51.98 | 53.07 | 53.94 | 53.00 | 1.86 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 51280.36 | 51304.95 | 50363.29 | 50982.86 | 1.05 | ppb |
| Manganese | 55-2 | 3259.16 | 3252.60 | 3233.92 | 3248.56 | 0.40 | ppb |
| Molybdenum | 94-1 | 8.84 | 8.93 | 8.74 | 8.84 | 1.05 | ppb |
| Molybdenum | 95-1 | 5.50 | 5.66 | 5.67 | 5.61 | 1.73 | ppb |
| Molybdenum | 96-1 | 6.30 | 6.26 | 6.35 | 6.31 | 0.73 | ppb |
| Molybdenum | 97-1 | 5.66 | 5.57 | 5.73 | 5.65 | 1.49 | ppb |
| Molybdenum | 98-1 | 5.46 | 5.73 | 5.58 | 5.59 | 2.40 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 48.68 | 48.67 | 48.46 | 48.60 | 0.26 | ppb |
| Phosphorus | 31-2 | 887.55 | 903.34 | 866.10 | 885.66 | 2.11 | ppb |
| Potassium | 39-2 | 1506.98 | 1509.18 | 1492.50 | 1502.89 | 0.60 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.60 | 0.76 | 0.58 | 0.65 | 15.18 | ppb |
| Selenium | 77-2 | 7.72 | 7.10 | 5.88 | 6.90 | 13.54 | ppb |
| Selenium | 78-2 | -0.23 | 0.54 | 0.24 | 0.19 | 209.12 | ppb |
| Silicon | 28-1 | 1470.71 | 1411.42 | 1430.58 | 1437.57 | 2.10 | ppb |
| Silver | 107-1 | 0.29 | 0.24 | 0.69 | 0.41 | 60.45 | ppb |
| Silver | 109-1 | 0.28 | 0.23 | 0.24 | 0.25 | 11.14 | ppb |
| Sodium | 23-2 | 238.19 | 237.34 | 235.21 | 236.91 | 0.65 | ppb |
| Strontium | 86-1 | 6847.11 | 6991.91 | 6975.44 | 6938.15 | 1.14 | ppb |
| Strontium | 88-1 | 7129.84 | 7194.01 | 7309.53 | 7211.12 | 1.26 | ppb |
| Sulfur | 34-1 | 1205.06 | 1180.02 | 1278.04 | 1221.04 | 4.17 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.44 | 0.42 | 0.41 | 0.43 | 3.29 | ppb |
| Thallium | 205-1 | 0.44 | 0.42 | 0.41 | 0.42 | 4.69 | ppb |
| Tin | 118-1 | 2.52 | 2.58 | 2.61 | 2.57 | 1.73 | ppb |
| Titanium | 47-1 | 227.45 | 224.02 | 227.86 | 226.44 | 0.93 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:59:22 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.45 | 1.48 | 1.50 | 1.48 | 1.46 | ppb |
| Vanadium | 51-2 | 69.83 | 70.32 | 70.64 | 70.26 | 0.58 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 220.02 | 221.09 | 217.60 | 219.57 | 0.82 | ppb |
| Zirconium | 90-1 | 2.28 | 2.34 | 2.33 | 2.32 | 1.33 | ppb |
| Zirconium | 91-1 | 2.29 | 2.39 | 2.40 | 2.36 | 2.56 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:02:32 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17586.26 | 17276.41 | 17538.30 | 17466.99 | 0.95 | ppb |
| Antimony | 121-1 | 1.64 | 1.72 | 1.68 | 1.68 | 2.57 | ppb |
| Arsenic | 75-2 | 18.97 | 19.57 | 19.27 | 19.27 | 1.55 | ppb |
| Barium | 135-1 | 222.23 | 234.63 | 236.18 | 231.01 | 3.31 | ppb |
| Barium | 137-1 | 227.31 | 237.42 | 236.79 | 233.84 | 2.42 | ppb |
| Beryllium | 9-1 | 1.66 | 1.78 | 1.65 | 1.70 | 4.14 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.90 | 5.45 | 5.80 | 5.38 | 8.46 | ppb |
| Cadmium | 106-1 | 4.07 | 4.58 | 4.59 | 4.41 | 6.74 | ppb |
| Cadmium | 111-1 | 4.74 | 4.89 | 4.81 | 4.81 | 1.58 | ppb |
| Calcium | 43-1 | 139549.12 | 144178.30 | 147860.84 | 143862.76 | 2.90 | ppb |
| Calcium | 44-1 | 137042.57 | 142736.92 | 148848.45 | 142875.98 | 4.13 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 804.45 | 801.26 | 790.15 | 798.62 | 0.94 | ppb |
| Cobalt | 59-2 | 21.93 | 21.64 | 21.57 | 21.71 | 0.87 | ppb |
| Copper | 63-2 | 135.36 | 134.45 | 134.57 | 134.79 | 0.36 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 204249.71 | 203978.95 | 204108.70 | 204112.45 | 0.07 | ppb |
| Iron | 57-2 | 205139.83 | 202219.81 | 202229.55 | 203196.39 | 0.83 | ppb |
| Iron | 54-2 | 205365.34 | 204822.04 | 203061.71 | 204416.36 | 0.59 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:02:32 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 872.26 | 909.15 | 940.35 | 907.25 | 3.76 | ppb |
| Lead | 207-1 | 824.00 | 866.66 | 876.82 | 855.83 | 3.28 | ppb |
| Lead | 208-1 | 837.44 | 876.86 | 889.70 | 868.00 | 3.14 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 25176.39 | 25424.94 | 24882.55 | 25161.29 | 1.08 | ppb |
| Manganese | 55-2 | 11132.46 | 11127.39 | 10971.58 | 11077.14 | 0.83 | ppb |
| Molybdenum | 94-1 | 19.95 | 20.46 | 20.35 | 20.25 | 1.34 | ppb |
| Molybdenum | 95-1 | 14.53 | 14.83 | 14.79 | 14.72 | 1.11 | ppb |
| Molybdenum | 96-1 | 16.27 | 16.61 | 16.70 | 16.53 | 1.37 | ppb |
| Molybdenum | 97-1 | 14.54 | 15.02 | 15.02 | 14.86 | 1.88 | ppb |
| Molybdenum | 98-1 | 14.44 | 14.67 | 14.89 | 14.67 | 1.54 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 299.20 | 297.46 | 297.95 | 298.21 | 0.30 | ppb |
| Phosphorus | 31-2 | 1555.42 | 1543.91 | 1576.57 | 1558.63 | 1.06 | ppb |
| Potassium | 39-2 | 2471.00 | 2440.80 | 2417.45 | 2443.08 | 1.10 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 1.46 | 0.58 | 0.79 | 0.94 | 48.87 | ppb |
| Selenium | 77-2 | 8.10 | 6.25 | 7.05 | 7.13 | 13.03 | ppb |
| Selenium | 78-2 | 0.43 | -0.22 | -0.04 | 0.06 | 552.62 | ppb |
| Silicon | 28-1 | 2065.31 | 2099.04 | 2197.71 | 2120.69 | 3.24 | ppb |
| Silver | 107-1 | 2.13 | 2.21 | 2.23 | 2.19 | 2.39 | ppb |
| Silver | 109-1 | 2.18 | 2.22 | 2.23 | 2.21 | 1.26 | ppb |
| Sodium | 23-2 | 499.67 | 501.84 | 499.23 | 500.25 | 0.28 | ppb |
| Strontium | 86-1 | 8660.81 | 8814.26 | 8939.01 | 8804.69 | 1.58 | ppb |
| Strontium | 88-1 | 8638.38 | 8781.42 | 8985.32 | 8801.71 | 1.98 | ppb |
| Sulfur | 34-1 | 1364.91 | 1354.95 | 1527.83 | 1415.90 | 6.86 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 1.44 | 1.48 | 1.54 | 1.49 | 3.49 | ppb |
| Thallium | 205-1 | 1.44 | 1.49 | 1.54 | 1.49 | 3.11 | ppb |
| Tin | 118-1 | 12.93 | 13.48 | 13.61 | 13.34 | 2.71 | ppb |
| Titanium | 47-1 | 563.04 | 579.14 | 600.50 | 580.89 | 3.23 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:02:32 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.44 | 1.52 | 1.53 | 1.50 | 3.26 | ppb |
| Vanadium | 51-2 | 149.48 | 148.04 | 148.00 | 148.51 | 0.57 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 2041.27 | 2026.54 | 2040.68 | 2036.16 | 0.41 | ppb |
| Zirconium | 90-1 | 4.38 | 4.45 | 4.52 | 4.45 | 1.67 | ppb |
| Zirconium | 91-1 | 4.39 | 4.62 | 4.55 | 4.52 | 2.57 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:05:33 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19722.19 | 19485.98 | 19653.83 | 19620.67 | 0.62 | ppb |
| Antimony | 121-1 | 2.21 | 2.35 | 2.26 | 2.27 | 3.05 | ppb |
| Arsenic | 75-2 | 16.62 | 16.12 | 16.89 | 16.54 | 2.36 | ppb |
| Barium | 135-1 | 233.00 | 241.85 | 243.08 | 239.31 | 2.30 | ppb |
| Barium | 137-1 | 238.59 | 245.81 | 244.49 | 242.96 | 1.58 | ppb |
| Beryllium | 9-1 | 2.55 | 2.72 | 2.73 | 2.67 | 3.81 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.67 | 8.25 | 7.05 | 7.32 | 11.26 | ppb |
| Cadmium | 106-1 | 6.69 | 7.11 | 6.92 | 6.91 | 3.00 | ppb |
| Cadmium | 111-1 | 5.77 | 5.75 | 5.89 | 5.80 | 1.30 | ppb |
| Calcium | 43-1 | 186711.96 | 188522.82 | 188725.16 | 187986.64 | 0.59 | ppb |
| Calcium | 44-1 | 186998.23 | 187464.91 | 188773.76 | 187745.63 | 0.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 993.98 | 997.49 | 986.42 | 992.63 | 0.57 | ppb |
| Cobalt | 59-2 | 12.99 | 12.90 | 12.68 | 12.86 | 1.25 | ppb |
| Copper | 63-2 | 108.20 | 109.22 | 107.89 | 108.44 | 0.64 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 234086.75 | 231634.79 | 229813.80 | 231845.11 | 0.92 | ppb |
| Iron | 57-2 | 231503.50 | 232301.97 | 229244.10 | 231016.52 | 0.69 | ppb |
| Iron | 54-2 | 232013.12 | 232849.48 | 229982.17 | 231614.92 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:05:33 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 860.88 | 860.07 | 875.48 | 865.48 | 1.00 | ppb |
| Lead | 207-1 | 806.85 | 803.47 | 817.56 | 809.29 | 0.91 | ppb |
| Lead | 208-1 | 814.40 | 820.16 | 833.88 | 822.81 | 1.22 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 29667.65 | 29568.18 | 29432.99 | 29556.27 | 0.40 | ppb |
| Manganese | 55-2 | 18482.80 | 18375.24 | 18209.44 | 18355.83 | 0.75 | ppb |
| Molybdenum | 94-1 | 38.89 | 39.30 | 40.20 | 39.46 | 1.70 | ppb |
| Molybdenum | 95-1 | 25.76 | 25.95 | 26.27 | 26.00 | 0.99 | ppb |
| Molybdenum | 96-1 | 28.64 | 29.03 | 29.63 | 29.10 | 1.72 | ppb |
| Molybdenum | 97-1 | 26.00 | 26.51 | 26.47 | 26.32 | 1.07 | ppb |
| Molybdenum | 98-1 | 25.85 | 26.21 | 26.73 | 26.26 | 1.69 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 288.26 | 290.11 | 289.31 | 289.23 | 0.32 | ppb |
| Phosphorus | 31-2 | 2049.11 | 2061.18 | 2000.13 | 2036.81 | 1.59 | ppb |
| Potassium | 39-2 | 2027.25 | 2013.31 | 2026.39 | 2022.32 | 0.39 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 84 | | % |
| Selenium | 82-1 | 1.78 | 1.15 | 1.32 | 1.42 | 22.95 | ppb |
| Selenium | 77-2 | 3.38 | 2.54 | 7.62 | 4.51 | 60.25 | ppb |
| Selenium | 78-2 | 0.76 | 1.54 | 0.88 | 1.06 | 39.49 | ppb |
| Silicon | 28-1 | 2877.61 | 2998.02 | 3041.33 | 2972.32 | 2.85 | ppb |
| Silver | 107-1 | 2.89 | 2.97 | 3.01 | 2.96 | 2.03 | ppb |
| Silver | 109-1 | 2.88 | 3.01 | 2.97 | 2.95 | 2.21 | ppb |
| Sodium | 23-2 | 715.54 | 718.70 | 710.52 | 714.92 | 0.58 | ppb |
| Strontium | 86-1 | 9797.36 | 9953.32 | 10234.66 | 9995.11 | 2.22 | ppb |
| Strontium | 88-1 | 9919.19 | 9974.88 | 10193.48 | 10029.18 | 1.45 | ppb |
| Sulfur | 34-1 | 1743.86 | 1853.81 | 1911.56 | 1836.41 | 4.64 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 2.63 | 2.65 | 2.76 | 2.68 | 2.62 | ppb |
| Thallium | 205-1 | 2.63 | 2.63 | 2.76 | 2.67 | 2.78 | ppb |
| Tin | 118-1 | 16.70 | 17.38 | 17.34 | 17.14 | 2.23 | ppb |
| Titanium | 47-1 | 1184.36 | 1193.91 | 1218.10 | 1198.79 | 1.45 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:05:33 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.38 | 1.41 | 1.44 | 1.41 | 2.10 | ppb |
| Vanadium | 51-2 | 235.33 | 236.90 | 233.77 | 235.33 | 0.67 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 3006.04 | 3011.16 | 3044.01 | 3020.41 | 0.68 | ppb |
| Zirconium | 90-1 | 9.72 | 9.93 | 9.90 | 9.85 | 1.16 | ppb |
| Zirconium | 91-1 | 9.85 | 9.93 | 10.19 | 9.99 | 1.78 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:08:38 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16383.25 | 16188.01 | 16419.95 | 16330.40 | 0.76 | ppb |
| Antimony | 121-1 | 1.94 | 1.88 | 1.98 | 1.93 | 2.41 | ppb |
| Arsenic | 75-2 | 18.90 | 19.33 | 19.04 | 19.09 | 1.16 | ppb |
| Barium | 135-1 | 203.09 | 202.04 | 206.22 | 203.79 | 1.07 | ppb |
| Barium | 137-1 | 205.03 | 205.23 | 209.67 | 206.64 | 1.27 | ppb |
| Beryllium | 9-1 | 2.07 | 1.92 | 1.86 | 1.95 | 5.63 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.25 | 4.83 | 5.59 | 5.22 | 7.23 | ppb |
| Cadmium | 106-1 | 3.72 | 4.56 | 4.50 | 4.26 | 11.06 | ppb |
| Cadmium | 111-1 | 4.14 | 4.26 | 4.25 | 4.22 | 1.62 | ppb |
| Calcium | 43-1 | 139191.90 | 136265.36 | 137807.50 | 137754.92 | 1.06 | ppb |
| Calcium | 44-1 | 138558.23 | 136414.79 | 137479.36 | 137484.13 | 0.78 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 527.29 | 524.59 | 520.02 | 523.97 | 0.70 | ppb |
| Cobalt | 59-2 | 15.00 | 14.87 | 14.88 | 14.92 | 0.51 | ppb |
| Copper | 63-2 | 91.42 | 90.69 | 90.86 | 90.99 | 0.42 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 159186.71 | 158189.78 | 159553.39 | 158976.62 | 0.44 | ppb |
| Iron | 57-2 | 160323.38 | 159393.22 | 159450.75 | 159722.45 | 0.33 | ppb |
| Iron | 54-2 | 159879.21 | 158173.42 | 159967.80 | 159340.14 | 0.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:08:38 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 700.54 | 698.56 | 713.71 | 704.27 | 1.17 | ppb |
| Lead | 207-1 | 645.40 | 644.91 | 659.52 | 649.94 | 1.28 | ppb |
| Lead | 208-1 | 664.54 | 660.67 | 677.23 | 667.48 | 1.30 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 23105.19 | 23205.78 | 23043.93 | 23118.30 | 0.35 | ppb |
| Manganese | 55-2 | 9650.06 | 9498.91 | 9530.09 | 9559.69 | 0.83 | ppb |
| Molybdenum | 94-1 | 18.43 | 18.46 | 18.39 | 18.42 | 0.20 | ppb |
| Molybdenum | 95-1 | 12.29 | 12.38 | 12.48 | 12.38 | 0.75 | ppb |
| Molybdenum | 96-1 | 14.07 | 13.99 | 14.14 | 14.07 | 0.53 | ppb |
| Molybdenum | 97-1 | 12.37 | 12.48 | 12.37 | 12.40 | 0.49 | ppb |
| Molybdenum | 98-1 | 12.41 | 12.35 | 12.28 | 12.35 | 0.53 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 184.33 | 182.05 | 182.36 | 182.91 | 0.67 | ppb |
| Phosphorus | 31-2 | 1257.40 | 1207.37 | 1239.38 | 1234.72 | 2.05 | ppb |
| Potassium | 39-2 | 2571.53 | 2525.75 | 2548.17 | 2548.48 | 0.90 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 83 | | % |
| Selenium | 82-1 | 0.86 | 1.05 | 0.46 | 0.79 | 37.97 | ppb |
| Selenium | 77-2 | 4.63 | 4.77 | 4.67 | 4.69 | 1.58 | ppb |
| Selenium | 78-2 | -0.48 | -0.05 | 0.21 | -0.11 | | ppb |
| Silicon | 28-1 | 2287.78 | 2302.54 | 2298.60 | 2296.30 | 0.33 | ppb |
| Silver | 107-1 | 2.53 | 2.49 | 2.57 | 2.53 | 1.65 | ppb |
| Silver | 109-1 | 2.52 | 2.54 | 2.56 | 2.54 | 0.81 | ppb |
| Sodium | 23-2 | 681.17 | 680.78 | 680.81 | 680.92 | 0.03 | ppb |
| Strontium | 86-1 | 8313.23 | 8520.07 | 8655.54 | 8496.28 | 2.03 | ppb |
| Strontium | 88-1 | 8650.11 | 8538.49 | 8637.84 | 8608.81 | 0.71 | ppb |
| Sulfur | 34-1 | 1317.58 | 1297.53 | 1332.06 | 1315.72 | 1.32 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 2.09 | 2.07 | 2.12 | 2.10 | 1.12 | ppb |
| Thallium | 205-1 | 2.11 | 2.07 | 2.12 | 2.10 | 1.13 | ppb |
| Tin | 118-1 | 13.77 | 13.65 | 13.84 | 13.75 | 0.72 | ppb |
| Titanium | 47-1 | 554.33 | 552.49 | 558.16 | 554.99 | 0.52 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:08:38 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.16 | 1.14 | 1.13 | 1.14 | 1.19 | ppb |
| Vanadium | 51-2 | 129.97 | 129.27 | 129.90 | 129.72 | 0.30 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 2425.92 | 2408.68 | 2419.86 | 2418.15 | 0.36 | ppb |
| Zirconium | 90-1 | 4.47 | 4.45 | 4.57 | 4.50 | 1.34 | ppb |
| Zirconium | 91-1 | 4.50 | 4.53 | 4.48 | 4.50 | 0.61 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:11:40 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19148.18 | 19615.00 | 19484.35 | 19415.84 | 1.24 | ppb |
| Antimony | 121-1 | 1.87 | 2.03 | 2.04 | 1.98 | 4.85 | ppb |
| Arsenic | 75-2 | 20.65 | 20.90 | 20.90 | 20.82 | 0.69 | ppb |
| Barium | 135-1 | 239.11 | 248.34 | 250.58 | 246.01 | 2.47 | ppb |
| Barium | 137-1 | 244.23 | 253.99 | 257.31 | 251.84 | 2.70 | ppb |
| Beryllium | 9-1 | 2.20 | 2.10 | 2.13 | 2.14 | 2.41 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.44 | 5.41 | 5.25 | 5.37 | 1.93 | ppb |
| Cadmium | 106-1 | 4.72 | 5.18 | 5.26 | 5.05 | 5.72 | ppb |
| Cadmium | 111-1 | 4.54 | 4.78 | 4.76 | 4.69 | 2.77 | ppb |
| Calcium | 43-1 | 154554.84 | 161757.97 | 163589.45 | 159967.42 | 2.99 | ppb |
| Calcium | 44-1 | 155992.70 | 163255.15 | 163338.97 | 160862.27 | 2.62 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 559.59 | 559.56 | 548.68 | 555.94 | 1.13 | ppb |
| Cobalt | 59-2 | 18.21 | 18.20 | 18.37 | 18.26 | 0.51 | ppb |
| Copper | 63-2 | 118.06 | 117.74 | 117.64 | 117.81 | 0.19 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 177021.52 | 178647.75 | 178130.16 | 177933.14 | 0.47 | ppb |
| Iron | 57-2 | 178073.86 | 177853.81 | 176910.14 | 177612.60 | 0.35 | ppb |
| Iron | 54-2 | 179510.06 | 178733.11 | 177837.26 | 178693.48 | 0.47 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:11:40 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 735.90 | 769.94 | 776.60 | 760.82 | 2.87 | ppb |
| Lead | 207-1 | 674.63 | 711.56 | 716.11 | 700.77 | 3.25 | ppb |
| Lead | 208-1 | 697.99 | 730.60 | 733.89 | 720.83 | 2.75 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 30293.73 | 30319.13 | 30151.16 | 30254.67 | 0.30 | ppb |
| Manganese | 55-2 | 11603.82 | 11637.92 | 11634.20 | 11625.31 | 0.16 | ppb |
| Molybdenum | 94-1 | 22.31 | 23.36 | 23.94 | 23.20 | 3.57 | ppb |
| Molybdenum | 95-1 | 14.53 | 15.07 | 15.23 | 14.95 | 2.44 | ppb |
| Molybdenum | 96-1 | 16.45 | 17.18 | 17.47 | 17.03 | 3.06 | ppb |
| Molybdenum | 97-1 | 14.44 | 15.17 | 15.39 | 15.00 | 3.29 | ppb |
| Molybdenum | 98-1 | 14.38 | 15.08 | 15.42 | 14.96 | 3.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 180.76 | 180.50 | 180.26 | 180.51 | 0.14 | ppb |
| Phosphorus | 31-2 | 1452.29 | 1448.40 | 1436.57 | 1445.75 | 0.57 | ppb |
| Potassium | 39-2 | 3185.50 | 3204.87 | 3211.67 | 3200.68 | 0.42 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 83 | | % |
| Selenium | 82-1 | 1.21 | 0.78 | 0.95 | 0.98 | 22.05 | ppb |
| Selenium | 77-2 | 10.12 | 7.61 | 8.15 | 8.63 | 15.33 | ppb |
| Selenium | 78-2 | 1.27 | 0.05 | 2.36 | 1.23 | 94.42 | ppb |
| Silicon | 28-1 | 3025.89 | 3200.00 | 3235.58 | 3153.82 | 3.56 | ppb |
| Silver | 107-1 | 2.45 | 2.58 | 2.54 | 2.52 | 2.51 | ppb |
| Silver | 109-1 | 2.38 | 2.55 | 2.53 | 2.49 | 3.65 | ppb |
| Sodium | 23-2 | 763.96 | 765.61 | 765.45 | 765.01 | 0.12 | ppb |
| Strontium | 86-1 | 11474.69 | 11952.22 | 12258.70 | 11895.20 | 3.32 | ppb |
| Strontium | 88-1 | 11476.79 | 12043.10 | 12132.43 | 11884.11 | 2.99 | ppb |
| Sulfur | 34-1 | 1527.80 | 1713.93 | 1854.66 | 1698.80 | 9.65 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 2.20 | 2.34 | 2.34 | 2.29 | 3.41 | ppb |
| Thallium | 205-1 | 2.24 | 2.34 | 2.35 | 2.31 | 2.57 | ppb |
| Tin | 118-1 | 14.39 | 14.97 | 15.05 | 14.80 | 2.44 | ppb |
| Titanium | 47-1 | 738.30 | 776.27 | 785.30 | 766.62 | 3.25 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:11:40 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.55 | 1.63 | 1.62 | 1.60 | 2.99 | ppb |
| Vanadium | 51-2 | 149.00 | 148.51 | 148.58 | 148.70 | 0.18 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 2422.83 | 2410.21 | 2414.17 | 2415.74 | 0.27 | ppb |
| Zirconium | 90-1 | 5.65 | 6.00 | 6.07 | 5.91 | 3.75 | ppb |
| Zirconium | 91-1 | 5.78 | 6.19 | 6.09 | 6.02 | 3.50 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:14:43 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19364.18 | 19388.88 | 19283.43 | 19345.50 | 0.29 | ppb |
| Antimony | 121-1 | 1.96 | 2.04 | 2.03 | 2.01 | 2.29 | ppb |
| Arsenic | 75-2 | 21.20 | 20.98 | 21.07 | 21.08 | 0.53 | ppb |
| Barium | 135-1 | 243.42 | 249.79 | 253.55 | 248.92 | 2.06 | ppb |
| Barium | 137-1 | 247.35 | 257.40 | 258.25 | 254.33 | 2.38 | ppb |
| Beryllium | 9-1 | 2.14 | 2.13 | 2.13 | 2.13 | 0.27 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.74 | 5.80 | 5.42 | 5.65 | 3.60 | ppb |
| Cadmium | 106-1 | 4.89 | 5.02 | 4.92 | 4.94 | 1.33 | ppb |
| Cadmium | 111-1 | 4.47 | 4.57 | 4.61 | 4.55 | 1.61 | ppb |
| Calcium | 43-1 | 157123.23 | 163969.16 | 164895.91 | 161996.10 | 2.62 | ppb |
| Calcium | 44-1 | 157163.71 | 164120.50 | 163738.20 | 161674.14 | 2.42 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 563.41 | 555.81 | 566.48 | 561.90 | 0.98 | ppb |
| Cobalt | 59-2 | 18.54 | 18.53 | 18.39 | 18.49 | 0.47 | ppb |
| Copper | 63-2 | 119.59 | 118.23 | 119.31 | 119.04 | 0.60 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 179906.35 | 179797.02 | 179533.65 | 179745.68 | 0.11 | ppb |
| Iron | 57-2 | 177457.18 | 178992.51 | 178865.10 | 178438.26 | 0.48 | ppb |
| Iron | 54-2 | 179757.32 | 179534.21 | 178137.91 | 179143.15 | 0.49 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:14:43 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 751.59 | 775.74 | 763.97 | 763.76 | 1.58 | ppb |
| Lead | 207-1 | 686.65 | 719.15 | 716.01 | 707.27 | 2.53 | ppb |
| Lead | 208-1 | 712.05 | 734.48 | 727.14 | 724.56 | 1.58 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 30095.64 | 30225.41 | 30679.14 | 30333.40 | 1.01 | ppb |
| Manganese | 55-2 | 11682.19 | 11577.55 | 11678.40 | 11646.05 | 0.51 | ppb |
| Molybdenum | 94-1 | 23.22 | 23.69 | 23.88 | 23.60 | 1.44 | ppb |
| Molybdenum | 95-1 | 14.87 | 15.28 | 15.48 | 15.21 | 2.03 | ppb |
| Molybdenum | 96-1 | 16.93 | 17.47 | 17.44 | 17.28 | 1.76 | ppb |
| Molybdenum | 97-1 | 14.98 | 15.55 | 15.65 | 15.39 | 2.32 | ppb |
| Molybdenum | 98-1 | 14.80 | 15.31 | 15.43 | 15.18 | 2.21 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 182.10 | 181.30 | 181.71 | 181.70 | 0.22 | ppb |
| Phosphorus | 31-2 | 1437.90 | 1454.99 | 1478.95 | 1457.28 | 1.41 | ppb |
| Potassium | 39-2 | 3148.47 | 3140.73 | 3187.53 | 3158.91 | 0.79 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 83 | | % |
| Selenium | 82-1 | 1.09 | 0.98 | 1.10 | 1.06 | 6.17 | ppb |
| Selenium | 77-2 | 10.41 | 9.58 | 8.63 | 9.54 | 9.33 | ppb |
| Selenium | 78-2 | 0.05 | 1.54 | 0.05 | 0.55 | 157.73 | ppb |
| Silicon | 28-1 | 3023.23 | 3208.92 | 3229.83 | 3153.99 | 3.61 | ppb |
| Silver | 107-1 | 2.47 | 2.55 | 2.61 | 2.54 | 2.68 | ppb |
| Silver | 109-1 | 2.46 | 2.59 | 2.58 | 2.54 | 2.88 | ppb |
| Sodium | 23-2 | 768.71 | 776.79 | 774.00 | 773.17 | 0.53 | ppb |
| Strontium | 86-1 | 11887.39 | 12132.92 | 11958.27 | 11992.86 | 1.05 | ppb |
| Strontium | 88-1 | 11850.46 | 12129.09 | 11893.58 | 11957.71 | 1.25 | ppb |
| Sulfur | 34-1 | 1511.21 | 1770.37 | 1790.21 | 1690.59 | 9.21 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 2.30 | 2.40 | 2.38 | 2.36 | 2.39 | ppb |
| Thallium | 205-1 | 2.33 | 2.40 | 2.34 | 2.36 | 1.69 | ppb |
| Tin | 118-1 | 14.74 | 15.24 | 15.43 | 15.14 | 2.35 | ppb |
| Titanium | 47-1 | 735.54 | 778.96 | 778.28 | 764.26 | 3.26 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:14:43 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.60 | 1.66 | 1.66 | 1.64 | 2.19 | ppb |
| Vanadium | 51-2 | 150.54 | 150.01 | 149.68 | 150.08 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 2425.20 | 2436.04 | 2420.30 | 2427.18 | 0.33 | ppb |
| Zirconium | 90-1 | 5.84 | 6.09 | 6.03 | 5.98 | 2.17 | ppb |
| Zirconium | 91-1 | 6.00 | 6.14 | 6.08 | 6.07 | 1.14 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:17:44 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5689.65 | 3851.22 | 3857.44 | 4466.10 | 23.73 | ppb |
| Antimony | 121-1 | 0.39 | 0.39 | 0.41 | 0.40 | 2.27 | ppb |
| Arsenic | 75-2 | 6.17 | 4.23 | 4.61 | 5.00 | 20.59 | ppb |
| Barium | 135-1 | 49.29 | 50.50 | 50.94 | 50.24 | 1.70 | ppb |
| Barium | 137-1 | 50.48 | 51.46 | 52.03 | 51.33 | 1.53 | ppb |
| Beryllium | 9-1 | 0.45 | 0.44 | 0.46 | 0.45 | 3.28 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.25 | 1.33 | 1.17 | 1.25 | 6.10 | ppb |
| Cadmium | 106-1 | -0.28 | 0.02 | -0.76 | -0.34 | | ppb |
| Cadmium | 111-1 | 0.82 | 0.85 | 0.80 | 0.82 | 3.12 | ppb |
| Calcium | 43-1 | 34053.18 | 34825.45 | 34491.06 | 34456.57 | 1.12 | ppb |
| Calcium | 44-1 | 32737.44 | 33007.71 | 33079.69 | 32941.61 | 0.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 163.76 | 110.32 | 110.51 | 128.20 | 24.02 | ppb |
| Cobalt | 59-2 | 5.57 | 3.72 | 3.73 | 4.34 | 24.62 | ppb |
| Copper | 63-2 | 37.34 | 25.27 | 25.66 | 29.42 | 23.31 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 93 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 83 | | % |
| Iron | 56-2 | 52867.66 | 36202.62 | 36292.41 | 41787.57 | 22.96 | ppb |
| Iron | 57-2 | 52530.50 | 35764.15 | 36043.18 | 41445.94 | 23.16 | ppb |
| Iron | 54-2 | 53352.81 | 36362.22 | 36367.14 | 42027.39 | 23.34 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:17:44 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 141.93 | 142.37 | 144.35 | 142.88 | 0.90 | ppb |
| Lead | 207-1 | 127.17 | 130.09 | 130.83 | 129.36 | 1.49 | ppb |
| Lead | 208-1 | 138.89 | 140.43 | 142.49 | 140.60 | 1.28 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 9037.58 | 6114.63 | 6162.83 | 7105.01 | 23.56 | ppb |
| Manganese | 55-2 | 3461.94 | 2347.98 | 2342.58 | 2717.50 | 23.72 | ppb |
| Molybdenum | 94-1 | 4.79 | 4.89 | 4.78 | 4.82 | 1.33 | ppb |
| Molybdenum | 95-1 | 3.12 | 3.23 | 3.26 | 3.20 | 2.32 | ppb |
| Molybdenum | 96-1 | 3.53 | 3.64 | 3.60 | 3.59 | 1.52 | ppb |
| Molybdenum | 97-1 | 3.05 | 3.19 | 3.21 | 3.15 | 2.87 | ppb |
| Molybdenum | 98-1 | 3.12 | 3.28 | 3.14 | 3.18 | 2.78 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 55.08 | 36.72 | 37.77 | 43.19 | 23.87 | ppb |
| Phosphorus | 31-2 | 449.16 | 279.55 | 278.18 | 335.63 | 29.30 | ppb |
| Potassium | 39-2 | 1025.34 | 659.79 | 675.60 | 786.91 | 26.26 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 84 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 75 | | % |
| Selenium | 82-1 | -0.13 | -0.11 | -0.04 | -0.10 | | ppb |
| Selenium | 77-2 | 1.08 | 1.53 | 1.42 | 1.34 | 17.56 | ppb |
| Selenium | 78-2 | 0.66 | -0.37 | -0.60 | -0.10 | | ppb |
| Silicon | 28-1 | 634.13 | 662.94 | 643.83 | 646.97 | 2.27 | ppb |
| Silver | 107-1 | 0.50 | 0.50 | 0.52 | 0.51 | 1.63 | ppb |
| Silver | 109-1 | 0.51 | 0.52 | 0.52 | 0.51 | 0.74 | ppb |
| Sodium | 23-2 | 261.85 | 167.83 | 168.28 | 199.32 | 27.17 | ppb |
| Strontium | 86-1 | 2411.10 | 2454.49 | 2455.74 | 2440.44 | 1.04 | ppb |
| Strontium | 88-1 | 2492.13 | 2533.51 | 2533.51 | 2519.72 | 0.95 | ppb |
| Sulfur | 34-1 | 413.58 | 460.71 | 377.10 | 417.13 | 10.05 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 90 | | % |
| Thallium | 203-1 | 0.43 | 0.45 | 0.46 | 0.45 | 2.77 | ppb |
| Thallium | 205-1 | 0.46 | 0.46 | 0.47 | 0.46 | 0.97 | ppb |
| Tin | 118-1 | 2.95 | 2.97 | 3.01 | 2.98 | 1.00 | ppb |
| Titanium | 47-1 | 154.33 | 157.87 | 156.18 | 156.13 | 1.13 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:17:44 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.31 | 0.32 | 0.32 | 0.32 | 0.98 | ppb |
| Vanadium | 51-2 | 44.20 | 29.73 | 30.08 | 34.67 | 23.81 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 83 | | % |
| Zinc | 66-2 | 713.97 | 481.10 | 485.73 | 560.27 | 23.76 | ppb |
| Zirconium | 90-1 | 1.22 | 1.24 | 1.22 | 1.23 | 1.05 | ppb |
| Zirconium | 91-1 | 1.20 | 1.31 | 1.27 | 1.26 | 4.12 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:20:56 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19510.99 | 19571.67 | 19699.33 | 19593.99 | 0.49 | ppb |
| Antimony | 121-1 | 21.49 | 22.20 | 21.96 | 21.88 | 1.66 | ppb |
| Arsenic | 75-2 | 29.27 | 28.83 | 29.16 | 29.09 | 0.79 | ppb |
| Barium | 135-1 | 673.77 | 683.16 | 677.01 | 677.98 | 0.70 | ppb |
| Barium | 137-1 | 666.97 | 686.26 | 675.14 | 676.12 | 1.43 | ppb |
| Beryllium | 9-1 | 12.56 | 12.18 | 12.20 | 12.31 | 1.72 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 13.73 | 15.06 | 15.63 | 14.81 | 6.58 | ppb |
| Cadmium | 106-1 | 13.71 | 14.95 | 13.37 | 14.01 | 5.93 | ppb |
| Cadmium | 111-1 | 14.16 | 14.80 | 14.61 | 14.52 | 2.29 | ppb |
| Calcium | 43-1 | 159928.34 | 162018.25 | 162143.15 | 161363.25 | 0.77 | ppb |
| Calcium | 44-1 | 158223.40 | 162177.26 | 162992.58 | 161131.08 | 1.58 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 598.41 | 600.15 | 593.79 | 597.45 | 0.55 | ppb |
| Cobalt | 59-2 | 122.97 | 122.62 | 121.64 | 122.41 | 0.56 | ppb |
| Copper | 63-2 | 167.66 | 166.81 | 166.51 | 166.99 | 0.36 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 178669.84 | 179033.78 | 176764.89 | 178156.17 | 0.68 | ppb |
| Iron | 57-2 | 178438.88 | 176994.11 | 175853.78 | 177095.59 | 0.73 | ppb |
| Iron | 54-2 | 179643.60 | 179708.50 | 178447.55 | 179266.55 | 0.40 | ppb |
| Krypton | 83-1 | | | | | | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:20:56 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 772.77 | 782.98 | 779.51 | 778.42 | 0.67 | ppb |
| Lead | 207-1 | 701.10 | 723.75 | 712.04 | 712.30 | 1.59 | ppb |
| Lead | 208-1 | 723.22 | 738.49 | 733.39 | 731.70 | 1.06 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 30282.13 | 30007.11 | 30252.37 | 30180.54 | 0.50 | ppb |
| Manganese | 55-2 | 11754.35 | 11598.24 | 11596.40 | 11649.66 | 0.78 | ppb |
| Molybdenum | 94-1 | 22.74 | 23.47 | 23.86 | 23.35 | 2.43 | ppb |
| Molybdenum | 95-1 | 14.84 | 15.18 | 15.60 | 15.21 | 2.49 | ppb |
| Molybdenum | 96-1 | 16.67 | 17.45 | 17.63 | 17.25 | 2.95 | ppb |
| Molybdenum | 97-1 | 14.80 | 15.22 | 15.47 | 15.16 | 2.23 | ppb |
| Molybdenum | 98-1 | 14.66 | 15.32 | 15.44 | 15.14 | 2.78 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 287.68 | 284.84 | 283.08 | 285.20 | 0.81 | ppb |
| Phosphorus | 31-2 | 1455.32 | 1436.41 | 1452.22 | 1447.98 | 0.70 | ppb |
| Potassium | 39-2 | 3188.49 | 3190.44 | 3152.13 | 3177.02 | 0.68 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 83 | | % |
| Selenium | 82-1 | 21.60 | 21.02 | 21.98 | 21.53 | 2.25 | ppb |
| Selenium | 77-2 | 27.72 | 29.27 | 27.27 | 28.09 | 3.73 | ppb |
| Selenium | 78-2 | 17.39 | 22.62 | 22.02 | 20.67 | 13.85 | ppb |
| Silicon | 28-1 | 3085.75 | 3194.42 | 3161.74 | 3147.30 | 1.77 | ppb |
| Silver | 107-1 | 12.35 | 12.60 | 12.74 | 12.56 | 1.58 | ppb |
| Silver | 109-1 | 12.22 | 12.71 | 12.49 | 12.47 | 1.96 | ppb |
| Sodium | 23-2 | 752.29 | 756.52 | 750.50 | 753.10 | 0.41 | ppb |
| Strontium | 86-1 | 11749.89 | 11922.52 | 12186.99 | 11953.13 | 1.84 | ppb |
| Strontium | 88-1 | 11799.04 | 12144.46 | 12159.49 | 12034.33 | 1.69 | ppb |
| Sulfur | 34-1 | 1574.62 | 1750.21 | 1753.82 | 1692.88 | 6.05 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 11.48 | 11.50 | 11.70 | 11.56 | 1.07 | ppb |
| Thallium | 205-1 | 11.45 | 11.60 | 11.68 | 11.58 | 1.02 | ppb |
| Tin | 118-1 | 14.70 | 15.15 | 14.93 | 14.93 | 1.50 | ppb |
| Titanium | 47-1 | 744.88 | 775.57 | 771.52 | 763.99 | 2.18 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:20:56 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.60 | 1.62 | 1.62 | 1.61 | 0.56 | ppb |
| Vanadium | 51-2 | 254.70 | 252.19 | 251.51 | 252.80 | 0.66 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 2536.65 | 2528.08 | 2513.43 | 2526.06 | 0.46 | ppb |
| Zirconium | 90-1 | 5.77 | 6.02 | 6.09 | 5.96 | 2.86 | ppb |
| Zirconium | 91-1 | 5.92 | 6.14 | 6.14 | 6.07 | 2.04 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:23:56 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16711.74 | 16944.07 | 16969.98 | 16875.26 | 0.84 | ppb |
| Antimony | 121-1 | 0.83 | 0.86 | 0.89 | 0.86 | 3.29 | ppb |
| Arsenic | 75-2 | 14.30 | 13.85 | 13.77 | 13.97 | 2.07 | ppb |
| Barium | 135-1 | 144.40 | 150.78 | 154.78 | 149.99 | 3.49 | ppb |
| Barium | 137-1 | 146.86 | 155.29 | 156.50 | 152.88 | 3.44 | ppb |
| Beryllium | 9-1 | 1.12 | 1.14 | 1.15 | 1.14 | 1.30 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.85 | 2.04 | 2.36 | 2.08 | 12.50 | ppb |
| Cadmium | 106-1 | 0.98 | 0.60 | 1.36 | 0.98 | 38.61 | ppb |
| Cadmium | 111-1 | 1.66 | 1.70 | 1.81 | 1.72 | 4.49 | ppb |
| Calcium | 43-1 | 137530.65 | 141565.40 | 142760.24 | 140618.76 | 1.95 | ppb |
| Calcium | 44-1 | 136433.33 | 141341.38 | 141200.98 | 139658.56 | 2.00 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 321.03 | 316.51 | 314.07 | 317.20 | 1.11 | ppb |
| Cobalt | 59-2 | 17.01 | 17.08 | 16.65 | 16.91 | 1.35 | ppb |
| Copper | 63-2 | 56.50 | 56.08 | 56.11 | 56.23 | 0.42 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 81733.19 | 81484.86 | 81641.57 | 81619.87 | 0.15 | ppb |
| Iron | 57-2 | 82220.65 | 81998.92 | 81475.89 | 81898.49 | 0.47 | ppb |
| Iron | 54-2 | 82376.45 | 82481.91 | 82305.56 | 82387.97 | 0.11 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:23:56 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 243.36 | 251.21 | 254.52 | 249.70 | 2.30 | ppb |
| Lead | 207-1 | 227.07 | 234.42 | 235.54 | 232.34 | 1.98 | ppb |
| Lead | 208-1 | 231.83 | 238.88 | 241.46 | 237.39 | 2.10 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 21563.57 | 21671.48 | 21637.59 | 21624.21 | 0.26 | ppb |
| Manganese | 55-2 | 8342.16 | 8334.82 | 8301.74 | 8326.24 | 0.26 | ppb |
| Molybdenum | 94-1 | 8.69 | 9.23 | 9.23 | 9.05 | 3.45 | ppb |
| Molybdenum | 95-1 | 6.83 | 7.07 | 7.18 | 7.03 | 2.60 | ppb |
| Molybdenum | 96-1 | 7.62 | 7.92 | 7.97 | 7.84 | 2.39 | ppb |
| Molybdenum | 97-1 | 6.87 | 7.14 | 7.22 | 7.08 | 2.57 | ppb |
| Molybdenum | 98-1 | 6.76 | 7.17 | 7.15 | 7.03 | 3.30 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 82.04 | 82.66 | 81.40 | 82.03 | 0.77 | ppb |
| Phosphorus | 31-2 | 1563.62 | 1469.78 | 1466.47 | 1499.96 | 3.68 | ppb |
| Potassium | 39-2 | 2907.23 | 2843.53 | 2888.02 | 2879.59 | 1.13 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 84 | | % |
| Selenium | 82-1 | 0.74 | 1.06 | 0.57 | 0.79 | 31.23 | ppb |
| Selenium | 77-2 | 7.20 | 5.60 | 10.34 | 7.71 | 31.31 | ppb |
| Selenium | 78-2 | 0.44 | -0.46 | 0.64 | 0.21 | 281.55 | ppb |
| Silicon | 28-1 | 1118.64 | 1168.78 | 1154.04 | 1147.15 | 2.25 | ppb |
| Silver | 107-1 | 0.89 | 0.90 | 0.95 | 0.91 | 3.62 | ppb |
| Silver | 109-1 | 0.90 | 0.94 | 0.94 | 0.93 | 2.37 | ppb |
| Sodium | 23-2 | 305.62 | 310.70 | 311.26 | 309.20 | 1.00 | ppb |
| Strontium | 86-1 | 8464.00 | 8748.59 | 8846.79 | 8686.46 | 2.29 | ppb |
| Strontium | 88-1 | 8429.53 | 8735.47 | 8848.55 | 8671.18 | 2.50 | ppb |
| Sulfur | 34-1 | 1433.65 | 1545.88 | 1540.04 | 1506.52 | 4.19 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.92 | 0.96 | 0.94 | 0.94 | 2.01 | ppb |
| Thallium | 205-1 | 0.91 | 0.94 | 0.95 | 0.93 | 1.99 | ppb |
| Tin | 118-1 | 4.62 | 4.82 | 4.87 | 4.77 | 2.79 | ppb |
| Titanium | 47-1 | 260.93 | 272.36 | 271.83 | 268.37 | 2.41 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:23:56 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.35 | 1.37 | 1.38 | 1.37 | 1.14 | ppb |
| Vanadium | 51-2 | 93.37 | 92.90 | 92.76 | 93.01 | 0.34 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 821.05 | 820.62 | 821.71 | 821.13 | 0.07 | ppb |
| Zirconium | 90-1 | 1.72 | 1.83 | 1.78 | 1.78 | 3.23 | ppb |
| Zirconium | 91-1 | 1.68 | 1.79 | 1.86 | 1.78 | 4.91 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:27:01 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17742.31 | 17589.93 | 17673.55 | 17668.60 | 0.43 | ppb |
| Antimony | 121-1 | 0.42 | 0.41 | 0.41 | 0.41 | 1.20 | ppb |
| Arsenic | 75-2 | 16.79 | 16.19 | 16.60 | 16.53 | 1.86 | ppb |
| Barium | 135-1 | 189.85 | 187.62 | 187.19 | 188.22 | 0.76 | ppb |
| Barium | 137-1 | 191.97 | 189.70 | 190.01 | 190.56 | 0.65 | ppb |
| Beryllium | 9-1 | 1.35 | 1.34 | 1.28 | 1.33 | 2.70 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.09 | 1.31 | 1.38 | 1.26 | 12.25 | ppb |
| Cadmium | 106-1 | -0.09 | 0.74 | 0.10 | 0.25 | 174.86 | ppb |
| Cadmium | 111-1 | 0.86 | 0.87 | 0.80 | 0.85 | 4.54 | ppb |
| Calcium | 43-1 | 113526.59 | 113944.11 | 116142.88 | 114537.86 | 1.23 | ppb |
| Calcium | 44-1 | 112680.26 | 112922.71 | 114575.73 | 113392.90 | 0.91 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 85.70 | 85.23 | 85.29 | 85.41 | 0.30 | ppb |
| Cobalt | 59-2 | 25.33 | 25.24 | 25.18 | 25.25 | 0.30 | ppb |
| Copper | 63-2 | 48.25 | 47.89 | 47.95 | 48.03 | 0.40 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 59957.74 | 59731.08 | 59508.03 | 59732.28 | 0.38 | ppb |
| Iron | 57-2 | 59992.10 | 60088.76 | 59780.34 | 59953.73 | 0.26 | ppb |
| Iron | 54-2 | 59666.99 | 60060.80 | 60198.29 | 59975.36 | 0.46 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:27:01 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 80.50 | 81.32 | 81.42 | 81.08 | 0.63 | ppb |
| Lead | 207-1 | 72.04 | 72.60 | 72.81 | 72.48 | 0.55 | ppb |
| Lead | 208-1 | 74.51 | 75.08 | 75.03 | 74.88 | 0.42 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 21265.48 | 21358.09 | 21173.50 | 21265.69 | 0.43 | ppb |
| Manganese | 55-2 | 2168.47 | 2166.70 | 2175.42 | 2170.20 | 0.21 | ppb |
| Molybdenum | 94-1 | 10.41 | 10.75 | 10.65 | 10.60 | 1.65 | ppb |
| Molybdenum | 95-1 | 6.08 | 6.26 | 6.27 | 6.21 | 1.73 | ppb |
| Molybdenum | 96-1 | 7.14 | 7.15 | 7.27 | 7.18 | 1.02 | ppb |
| Molybdenum | 97-1 | 6.32 | 6.40 | 6.41 | 6.37 | 0.78 | ppb |
| Molybdenum | 98-1 | 6.18 | 6.31 | 6.34 | 6.27 | 1.29 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 77.29 | 75.65 | 76.75 | 76.56 | 1.09 | ppb |
| Phosphorus | 31-2 | 837.02 | 843.92 | 819.64 | 833.53 | 1.50 | ppb |
| Potassium | 39-2 | 3142.40 | 3097.50 | 3118.47 | 3119.46 | 0.72 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 84 | | % |
| Selenium | 82-1 | 0.86 | 1.19 | 0.71 | 0.92 | 27.00 | ppb |
| Selenium | 77-2 | 8.41 | 11.54 | 11.53 | 10.49 | 17.23 | ppb |
| Selenium | 78-2 | 0.46 | 0.67 | 0.78 | 0.64 | 25.56 | ppb |
| Silicon | 28-1 | 1782.49 | 1786.29 | 1801.78 | 1790.19 | 0.57 | ppb |
| Silver | 107-1 | 0.35 | 0.37 | 0.35 | 0.36 | 2.57 | ppb |
| Silver | 109-1 | 0.35 | 0.33 | 0.34 | 0.34 | 2.52 | ppb |
| Sodium | 23-2 | 244.08 | 245.57 | 245.83 | 245.16 | 0.38 | ppb |
| Strontium | 86-1 | 6700.27 | 6831.90 | 6975.59 | 6835.92 | 2.01 | ppb |
| Strontium | 88-1 | 6913.06 | 7053.81 | 7105.06 | 7023.98 | 1.42 | ppb |
| Sulfur | 34-1 | 730.14 | 695.48 | 761.97 | 729.20 | 4.56 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.48 | 0.46 | 0.45 | 0.46 | 2.46 | ppb |
| Thallium | 205-1 | 0.47 | 0.47 | 0.48 | 0.47 | 1.52 | ppb |
| Tin | 118-1 | 1.79 | 1.81 | 1.75 | 1.79 | 1.73 | ppb |
| Titanium | 47-1 | 160.70 | 163.16 | 165.20 | 163.02 | 1.38 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:27:01 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.77 | 1.79 | 1.79 | 1.78 | 0.69 | ppb |
| Vanadium | 51-2 | 60.51 | 60.50 | 60.44 | 60.48 | 0.06 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 313.89 | 311.89 | 312.12 | 312.63 | 0.35 | ppb |
| Zirconium | 90-1 | 2.90 | 2.88 | 2.93 | 2.90 | 0.97 | ppb |
| Zirconium | 91-1 | 2.92 | 2.94 | 2.98 | 2.95 | 1.08 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:30:08 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12345.89 | 12131.39 | 12366.15 | 12281.14 | 1.06 | ppb |
| Antimony | 121-1 | 12.65 | 13.45 | 13.33 | 13.14 | 3.29 | ppb |
| Arsenic | 75-2 | 63.00 | 64.27 | 63.24 | 63.50 | 1.06 | ppb |
| Barium | 135-1 | 617.41 | 644.98 | 643.27 | 635.22 | 2.43 | ppb |
| Barium | 137-1 | 620.64 | 643.12 | 648.71 | 637.49 | 2.33 | ppb |
| Beryllium | 9-1 | 1.72 | 2.02 | 1.89 | 1.88 | 7.95 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 8.80 | 9.19 | 8.92 | 8.97 | 2.22 | ppb |
| Cadmium | 106-1 | 8.29 | 8.56 | 7.18 | 8.01 | 9.16 | ppb |
| Cadmium | 111-1 | 6.83 | 7.33 | 7.13 | 7.10 | 3.57 | ppb |
| Calcium | 43-1 | 113910.80 | 120231.54 | 117241.31 | 117127.88 | 2.70 | ppb |
| Calcium | 44-1 | 112912.59 | 117766.70 | 117989.11 | 116222.80 | 2.47 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 919.03 | 923.59 | 927.66 | 923.43 | 0.47 | ppb |
| Cobalt | 59-2 | 24.27 | 24.40 | 24.31 | 24.32 | 0.28 | ppb |
| Copper | 63-2 | 2935.10 | 2972.84 | 2949.01 | 2952.32 | 0.65 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 353963.79 | 357546.74 | 358382.82 | 356631.12 | 0.66 | ppb |
| Iron | 57-2 | 356285.39 | 353098.33 | 352213.72 | 353865.81 | 0.61 | ppb |
| Iron | 54-2 | 355129.68 | 358773.20 | 360898.20 | 358267.02 | 0.81 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:30:08 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1604.42 | 1686.07 | 1701.65 | 1664.04 | 3.14 | ppb |
| Lead | 207-1 | 1492.94 | 1552.32 | 1562.96 | 1536.07 | 2.46 | ppb |
| Lead | 208-1 | 1526.83 | 1596.45 | 1606.59 | 1576.62 | 2.75 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 17655.41 | 17724.21 | 17873.47 | 17751.03 | 0.63 | ppb |
| Manganese | 55-2 | 8857.93 | 8823.74 | 8907.90 | 8863.19 | 0.48 | ppb |
| Molybdenum | 94-1 | 68.62 | 72.20 | 71.16 | 70.66 | 2.61 | ppb |
| Molybdenum | 95-1 | 73.77 | 78.01 | 77.50 | 76.43 | 3.03 | ppb |
| Molybdenum | 96-1 | 76.25 | 79.66 | 80.55 | 78.82 | 2.88 | ppb |
| Molybdenum | 97-1 | 74.53 | 78.04 | 78.47 | 77.01 | 2.80 | ppb |
| Molybdenum | 98-1 | 73.97 | 77.70 | 77.65 | 76.44 | 2.80 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 590.16 | 590.78 | 591.76 | 590.90 | 0.14 | ppb |
| Phosphorus | 31-2 | 1698.55 | 1648.70 | 1684.56 | 1677.27 | 1.53 | ppb |
| Potassium | 39-2 | 1701.50 | 1706.25 | 1692.12 | 1699.96 | 0.42 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.93 | 1.15 | 1.53 | 1.20 | 25.43 | ppb |
| Selenium | 77-2 | 5.56 | 4.55 | 4.56 | 4.89 | 11.89 | ppb |
| Selenium | 78-2 | -0.21 | 0.09 | 0.61 | 0.16 | 253.93 | ppb |
| Silicon | 28-1 | 1966.63 | 2030.43 | 2031.24 | 2009.43 | 1.85 | ppb |
| Silver | 107-1 | 3.53 | 3.75 | 3.77 | 3.68 | 3.55 | ppb |
| Silver | 109-1 | 3.57 | 3.72 | 3.73 | 3.67 | 2.48 | ppb |
| Sodium | 23-2 | 567.47 | 569.12 | 569.62 | 568.74 | 0.20 | ppb |
| Strontium | 86-1 | 6525.81 | 6827.21 | 6804.18 | 6719.07 | 2.50 | ppb |
| Strontium | 88-1 | 6748.03 | 7019.76 | 7066.10 | 6944.63 | 2.47 | ppb |
| Sulfur | 34-1 | 3332.31 | 3634.81 | 3645.21 | 3537.44 | 5.02 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 1.32 | 1.39 | 1.39 | 1.37 | 2.98 | ppb |
| Thallium | 205-1 | 1.30 | 1.38 | 1.43 | 1.37 | 4.60 | ppb |
| Tin | 118-1 | 69.94 | 74.63 | 73.29 | 72.62 | 3.32 | ppb |
| Titanium | 47-1 | 377.56 | 400.45 | 400.78 | 392.93 | 3.39 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:30:08 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.37 | 1.40 | 1.43 | 1.40 | 2.42 | ppb |
| Vanadium | 51-2 | 77.67 | 77.65 | 77.98 | 77.77 | 0.23 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 4884.64 | 4959.41 | 4974.69 | 4939.58 | 0.98 | ppb |
| Zirconium | 90-1 | 3.92 | 4.03 | 4.09 | 4.01 | 2.26 | ppb |
| Zirconium | 91-1 | 3.93 | 4.25 | 4.21 | 4.13 | 4.23 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-22 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:33:08 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12230.70 | 12056.75 | 12127.11 | 12138.19 | 0.72 | ppb |
| Antimony | 121-1 | 9.47 | 9.50 | 9.48 | 9.49 | 0.19 | ppb |
| Arsenic | 75-2 | 48.61 | 48.73 | 48.01 | 48.45 | 0.80 | ppb |
| Barium | 135-1 | 627.48 | 622.51 | 623.82 | 624.60 | 0.41 | ppb |
| Barium | 137-1 | 638.09 | 622.66 | 621.37 | 627.38 | 1.48 | ppb |
| Beryllium | 9-1 | 1.62 | 1.67 | 1.68 | 1.66 | 1.94 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.23 | 5.78 | 5.63 | 5.55 | 5.18 | ppb |
| Cadmium | 106-1 | 5.24 | 3.87 | 3.68 | 4.26 | 19.94 | ppb |
| Cadmium | 111-1 | 4.36 | 4.20 | 4.20 | 4.25 | 2.17 | ppb |
| Calcium | 43-1 | 89858.20 | 89111.35 | 88802.29 | 89257.28 | 0.61 | ppb |
| Calcium | 44-1 | 88375.85 | 89271.09 | 89505.55 | 89050.83 | 0.67 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 696.15 | 693.81 | 693.34 | 694.43 | 0.22 | ppb |
| Cobalt | 59-2 | 20.75 | 20.69 | 20.68 | 20.71 | 0.17 | ppb |
| Copper | 63-2 | 1922.85 | 1950.75 | 1935.09 | 1936.23 | 0.72 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 213232.25 | 213314.54 | 210176.12 | 212240.97 | 0.84 | ppb |
| Iron | 57-2 | 208945.46 | 211515.01 | 209122.12 | 209860.86 | 0.68 | ppb |
| Iron | 54-2 | 214069.69 | 212716.90 | 211635.08 | 212807.23 | 0.57 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-22 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:33:08 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 992.45 | 992.70 | 1003.78 | 996.31 | 0.65 | ppb |
| Lead | 207-1 | 903.14 | 921.70 | 919.64 | 914.82 | 1.11 | ppb |
| Lead | 208-1 | 930.49 | 947.48 | 948.51 | 942.16 | 1.07 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 16665.20 | 16679.21 | 16551.28 | 16631.90 | 0.42 | ppb |
| Manganese | 55-2 | 5808.94 | 5726.19 | 5733.73 | 5756.29 | 0.79 | ppb |
| Molybdenum | 94-1 | 56.65 | 57.80 | 58.40 | 57.62 | 1.54 | ppb |
| Molybdenum | 95-1 | 63.24 | 64.37 | 64.60 | 64.07 | 1.13 | ppb |
| Molybdenum | 96-1 | 64.45 | 65.61 | 65.42 | 65.16 | 0.95 | ppb |
| Molybdenum | 97-1 | 63.41 | 64.35 | 64.86 | 64.21 | 1.15 | ppb |
| Molybdenum | 98-1 | 63.11 | 64.57 | 64.75 | 64.14 | 1.41 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 392.57 | 393.56 | 390.48 | 392.20 | 0.40 | ppb |
| Phosphorus | 31-2 | 1426.71 | 1476.28 | 1461.82 | 1454.94 | 1.75 | ppb |
| Potassium | 39-2 | 1751.29 | 1766.20 | 1741.82 | 1753.10 | 0.70 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 85 | | % |
| Selenium | 82-1 | 1.25 | 0.62 | 1.11 | 0.99 | 33.45 | ppb |
| Selenium | 77-2 | 6.62 | 7.52 | 4.48 | 6.21 | 25.21 | ppb |
| Selenium | 78-2 | 1.21 | 0.72 | -0.16 | 0.59 | 117.19 | ppb |
| Silicon | 28-1 | 2389.42 | 2366.61 | 2381.73 | 2379.25 | 0.49 | ppb |
| Silver | 107-1 | 2.07 | 2.01 | 2.02 | 2.03 | 1.63 | ppb |
| Silver | 109-1 | 2.02 | 1.99 | 2.03 | 2.01 | 1.09 | ppb |
| Sodium | 23-2 | 366.03 | 366.12 | 366.00 | 366.05 | 0.02 | ppb |
| Strontium | 86-1 | 6914.33 | 7066.53 | 7134.71 | 7038.52 | 1.60 | ppb |
| Strontium | 88-1 | 7205.24 | 7215.00 | 7364.13 | 7261.46 | 1.23 | ppb |
| Sulfur | 34-1 | 3619.73 | 3525.41 | 3583.75 | 3576.30 | 1.33 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.87 | 0.89 | 0.89 | 0.88 | 1.77 | ppb |
| Thallium | 205-1 | 0.89 | 0.90 | 0.88 | 0.89 | 1.14 | ppb |
| Tin | 118-1 | 54.95 | 55.05 | 54.82 | 54.94 | 0.21 | ppb |
| Titanium | 47-1 | 324.59 | 322.62 | 327.25 | 324.82 | 0.71 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-22 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:33:08 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.23 | 1.24 | 1.24 | 1.24 | 0.42 | ppb |
| Vanadium | 51-2 | 68.69 | 69.03 | 68.72 | 68.81 | 0.28 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 3135.42 | 3223.52 | 3150.14 | 3169.70 | 1.49 | ppb |
| Zirconium | 90-1 | 2.71 | 2.77 | 2.79 | 2.75 | 1.56 | ppb |
| Zirconium | 91-1 | 2.81 | 2.82 | 2.81 | 2.82 | 0.18 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:36:07 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5457.19 | 5443.69 | 5436.92 | 5445.93 | 0.19 | ppb |
| Antimony | 121-1 | 1.20 | 1.29 | 1.26 | 1.25 | 3.74 | ppb |
| Arsenic | 75-2 | 9.14 | 9.21 | 9.36 | 9.24 | 1.22 | ppb |
| Barium | 135-1 | 120.67 | 129.52 | 129.95 | 126.71 | 4.13 | ppb |
| Barium | 137-1 | 123.09 | 133.13 | 132.21 | 129.47 | 4.29 | ppb |
| Beryllium | 9-1 | 0.78 | 0.76 | 0.67 | 0.74 | 7.58 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.30 | 2.22 | 2.53 | 2.35 | 6.78 | ppb |
| Cadmium | 106-1 | 1.79 | 0.45 | 1.31 | 1.18 | 57.02 | ppb |
| Cadmium | 111-1 | 2.10 | 2.19 | 2.15 | 2.15 | 2.04 | ppb |
| Calcium | 43-1 | 58840.60 | 61712.71 | 62760.31 | 61104.54 | 3.32 | ppb |
| Calcium | 44-1 | 58011.34 | 62023.17 | 62438.47 | 60824.33 | 4.02 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 312.27 | 311.29 | 311.17 | 311.58 | 0.19 | ppb |
| Cobalt | 59-2 | 6.86 | 6.87 | 6.90 | 6.88 | 0.29 | ppb |
| Copper | 63-2 | 46.18 | 45.72 | 45.43 | 45.78 | 0.83 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 105215.55 | 104175.58 | 104318.60 | 104569.91 | 0.54 | ppb |
| Iron | 57-2 | 104283.50 | 104028.90 | 103988.26 | 104100.22 | 0.15 | ppb |
| Iron | 54-2 | 105861.72 | 104937.58 | 104048.06 | 104949.12 | 0.86 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:36:07 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 400.28 | 424.09 | 425.35 | 416.57 | 3.39 | ppb |
| Lead | 207-1 | 378.69 | 393.88 | 392.91 | 388.49 | 2.19 | ppb |
| Lead | 208-1 | 383.51 | 405.48 | 401.90 | 396.97 | 2.97 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 11143.42 | 11101.35 | 11148.56 | 11131.11 | 0.23 | ppb |
| Manganese | 55-2 | 6874.02 | 6836.22 | 6782.72 | 6830.99 | 0.67 | ppb |
| Molybdenum | 94-1 | 9.25 | 9.85 | 10.08 | 9.73 | 4.41 | ppb |
| Molybdenum | 95-1 | 7.18 | 7.85 | 7.75 | 7.59 | 4.78 | ppb |
| Molybdenum | 96-1 | 7.93 | 8.69 | 8.63 | 8.42 | 5.04 | ppb |
| Molybdenum | 97-1 | 7.32 | 7.79 | 7.59 | 7.56 | 3.11 | ppb |
| Molybdenum | 98-1 | 7.14 | 7.63 | 7.78 | 7.51 | 4.45 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 119.74 | 119.81 | 119.23 | 119.59 | 0.27 | ppb |
| Phosphorus | 31-2 | 703.86 | 704.58 | 679.65 | 696.03 | 2.04 | ppb |
| Potassium | 39-2 | 995.53 | 993.13 | 996.02 | 994.89 | 0.16 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | -0.04 | 0.59 | 0.22 | 0.26 | 122.36 | ppb |
| Selenium | 77-2 | 2.27 | 2.98 | 3.01 | 2.75 | 15.14 | ppb |
| Selenium | 78-2 | 0.04 | 0.39 | 0.69 | 0.37 | 86.74 | ppb |
| Silicon | 28-1 | 819.72 | 868.05 | 858.24 | 848.67 | 3.01 | ppb |
| Silver | 107-1 | 1.14 | 1.18 | 1.24 | 1.18 | 3.99 | ppb |
| Silver | 109-1 | 1.14 | 1.22 | 1.22 | 1.19 | 3.69 | ppb |
| Sodium | 23-2 | 201.04 | 202.99 | 211.11 | 205.05 | 2.60 | ppb |
| Strontium | 86-1 | 1614.18 | 1730.83 | 1743.14 | 1696.05 | 4.20 | ppb |
| Strontium | 88-1 | 1687.12 | 1793.23 | 1812.39 | 1764.25 | 3.82 | ppb |
| Sulfur | 34-1 | 258.98 | 488.03 | 545.51 | 430.84 | 35.18 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.57 | 0.59 | 0.60 | 0.58 | 2.63 | ppb |
| Thallium | 205-1 | 0.57 | 0.61 | 0.60 | 0.59 | 3.33 | ppb |
| Tin | 118-1 | 3.82 | 4.04 | 4.09 | 3.98 | 3.71 | ppb |
| Titanium | 47-1 | 324.75 | 348.06 | 350.71 | 341.18 | 4.19 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:36:07 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.46 | 0.48 | 0.49 | 0.47 | 3.24 | ppb |
| Vanadium | 51-2 | 60.37 | 60.48 | 59.88 | 60.24 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 826.35 | 824.68 | 822.21 | 824.41 | 0.25 | ppb |
| Zirconium | 90-1 | 1.81 | 1.97 | 2.00 | 1.93 | 5.35 | ppb |
| Zirconium | 91-1 | 1.89 | 2.03 | 2.00 | 1.97 | 3.88 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:39:13 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10308.51 | 10213.94 | 10177.89 | 10233.44 | 0.66 | ppb |
| Antimony | 121-1 | 24.25 | 24.11 | 23.78 | 24.05 | 1.01 | ppb |
| Arsenic | 75-2 | 7.56 | 7.25 | 6.92 | 7.24 | 4.47 | ppb |
| Barium | 135-1 | 149.85 | 148.94 | 147.27 | 148.69 | 0.88 | ppb |
| Barium | 137-1 | 151.87 | 151.92 | 149.83 | 151.20 | 0.79 | ppb |
| Beryllium | 9-1 | 0.75 | 0.82 | 0.81 | 0.79 | 5.02 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.70 | 2.43 | 1.75 | 1.96 | 20.93 | ppb |
| Cadmium | 106-1 | 0.94 | 0.84 | -0.31 | 0.49 | 140.88 | ppb |
| Cadmium | 111-1 | 1.57 | 1.60 | 1.50 | 1.56 | 3.60 | ppb |
| Calcium | 43-1 | 65033.80 | 65919.65 | 65869.38 | 65607.61 | 0.76 | ppb |
| Calcium | 44-1 | 65442.54 | 65591.26 | 65494.27 | 65509.36 | 0.12 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 280.14 | 280.70 | 278.85 | 279.90 | 0.34 | ppb |
| Cobalt | 59-2 | 5.42 | 5.40 | 5.40 | 5.41 | 0.21 | ppb |
| Copper | 63-2 | 409.38 | 411.16 | 409.09 | 409.88 | 0.27 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 109626.00 | 109437.87 | 109577.35 | 109547.07 | 0.09 | ppb |
| Iron | 57-2 | 110547.24 | 110200.78 | 108722.01 | 109823.34 | 0.88 | ppb |
| Iron | 54-2 | 110652.85 | 110044.26 | 109250.14 | 109982.41 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:39:13 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 357.34 | 367.72 | 357.17 | 360.74 | 1.67 | ppb |
| Lead | 207-1 | 332.69 | 337.80 | 334.12 | 334.87 | 0.79 | ppb |
| Lead | 208-1 | 339.60 | 345.39 | 342.10 | 342.36 | 0.85 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 10177.32 | 10137.23 | 9986.30 | 10100.28 | 1.00 | ppb |
| Manganese | 55-2 | 9073.29 | 9012.24 | 8992.37 | 9025.97 | 0.47 | ppb |
| Molybdenum | 94-1 | 8.42 | 8.73 | 8.66 | 8.60 | 1.89 | ppb |
| Molybdenum | 95-1 | 5.35 | 5.55 | 5.66 | 5.52 | 2.86 | ppb |
| Molybdenum | 96-1 | 6.32 | 6.53 | 6.57 | 6.48 | 2.07 | ppb |
| Molybdenum | 97-1 | 5.33 | 5.35 | 5.39 | 5.36 | 0.53 | ppb |
| Molybdenum | 98-1 | 5.30 | 5.40 | 5.45 | 5.38 | 1.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 79.99 | 80.11 | 79.48 | 79.86 | 0.42 | ppb |
| Phosphorus | 31-2 | 636.06 | 636.51 | 651.94 | 641.50 | 1.41 | ppb |
| Potassium | 39-2 | 755.77 | 759.14 | 755.04 | 756.65 | 0.29 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 0.28 | 0.23 | 0.49 | 0.33 | 42.62 | ppb |
| Selenium | 77-2 | 2.26 | 1.40 | 2.44 | 2.03 | 27.15 | ppb |
| Selenium | 78-2 | -0.17 | -0.65 | -0.72 | -0.51 | | ppb |
| Silicon | 28-1 | 918.65 | 924.59 | 936.00 | 926.41 | 0.95 | ppb |
| Silver | 107-1 | 0.92 | 0.90 | 0.89 | 0.91 | 1.49 | ppb |
| Silver | 109-1 | 0.89 | 0.88 | 0.87 | 0.88 | 1.42 | ppb |
| Sodium | 23-2 | 192.22 | 190.41 | 189.43 | 190.69 | 0.74 | ppb |
| Strontium | 86-1 | 1532.78 | 1573.32 | 1577.45 | 1561.18 | 1.58 | ppb |
| Strontium | 88-1 | 1571.46 | 1638.63 | 1605.06 | 1605.05 | 2.09 | ppb |
| Sulfur | 34-1 | 415.12 | 382.24 | 433.54 | 410.30 | 6.33 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.61 | 0.65 | 0.62 | 0.63 | 3.71 | ppb |
| Thallium | 205-1 | 0.62 | 0.63 | 0.62 | 0.62 | 1.11 | ppb |
| Tin | 118-1 | 3.15 | 3.18 | 3.12 | 3.15 | 1.04 | ppb |
| Titanium | 47-1 | 364.28 | 365.53 | 367.93 | 365.91 | 0.51 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:39:13 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.49 | 0.51 | 0.50 | 0.50 | 2.53 | ppb |
| Vanadium | 51-2 | 65.34 | 65.30 | 64.94 | 65.19 | 0.34 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 91 | | % |
| Zinc | 66-2 | 622.03 | 619.75 | 610.96 | 617.58 | 0.95 | ppb |
| Zirconium | 90-1 | 2.22 | 2.31 | 2.27 | 2.26 | 2.02 | ppb |
| Zirconium | 91-1 | 2.20 | 2.33 | 2.30 | 2.28 | 2.91 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:42:15 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7085.38 | 7186.93 | 7104.51 | 7125.60 | 0.76 | ppb |
| Antimony | 121-1 | 0.74 | 0.77 | 0.79 | 0.77 | 3.03 | ppb |
| Arsenic | 75-2 | 7.71 | 7.48 | 7.76 | 7.65 | 1.93 | ppb |
| Barium | 135-1 | 82.70 | 87.37 | 87.08 | 85.72 | 3.05 | ppb |
| Barium | 137-1 | 84.68 | 89.15 | 88.95 | 87.59 | 2.88 | ppb |
| Beryllium | 9-1 | 0.62 | 0.66 | 0.62 | 0.64 | 3.07 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.10 | 2.54 | 2.90 | 2.51 | 15.93 | ppb |
| Cadmium | 106-1 | 1.46 | 1.19 | 0.68 | 1.11 | 35.78 | ppb |
| Cadmium | 111-1 | 2.19 | 2.26 | 2.23 | 2.23 | 1.56 | ppb |
| Calcium | 43-1 | 64010.02 | 67009.14 | 66595.75 | 65871.64 | 2.47 | ppb |
| Calcium | 44-1 | 63616.73 | 66307.68 | 66924.83 | 65616.42 | 2.68 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 240.64 | 243.03 | 240.91 | 241.53 | 0.54 | ppb |
| Cobalt | 59-2 | 9.16 | 9.12 | 9.02 | 9.10 | 0.83 | ppb |
| Copper | 63-2 | 39.76 | 40.09 | 40.33 | 40.06 | 0.72 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 83418.85 | 84038.16 | 84799.46 | 84085.49 | 0.82 | ppb |
| Iron | 57-2 | 82591.33 | 83137.17 | 83520.71 | 83083.07 | 0.56 | ppb |
| Iron | 54-2 | 83252.84 | 84230.54 | 84641.50 | 84041.63 | 0.85 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:42:15 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 275.42 | 280.07 | 278.61 | 278.03 | 0.86 | ppb |
| Lead | 207-1 | 253.87 | 260.13 | 258.14 | 257.38 | 1.24 | ppb |
| Lead | 208-1 | 257.96 | 267.39 | 264.97 | 263.44 | 1.86 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 16427.63 | 16643.59 | 16677.23 | 16582.82 | 0.82 | ppb |
| Manganese | 55-2 | 5142.36 | 5215.42 | 5252.55 | 5203.44 | 1.08 | ppb |
| Molybdenum | 94-1 | 6.56 | 6.75 | 6.76 | 6.69 | 1.73 | ppb |
| Molybdenum | 95-1 | 4.40 | 4.71 | 4.66 | 4.59 | 3.61 | ppb |
| Molybdenum | 96-1 | 5.19 | 5.51 | 5.38 | 5.36 | 3.04 | ppb |
| Molybdenum | 97-1 | 4.51 | 4.67 | 4.58 | 4.59 | 1.74 | ppb |
| Molybdenum | 98-1 | 4.44 | 4.65 | 4.66 | 4.58 | 2.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 86.62 | 87.43 | 88.08 | 87.38 | 0.84 | ppb |
| Phosphorus | 31-2 | 750.33 | 780.79 | 764.28 | 765.13 | 1.99 | ppb |
| Potassium | 39-2 | 1169.06 | 1188.43 | 1186.48 | 1181.32 | 0.90 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 81 | | % |
| Selenium | 82-1 | 0.06 | 0.05 | 0.10 | 0.07 | 39.75 | ppb |
| Selenium | 77-2 | 2.49 | 3.19 | 3.92 | 3.20 | 22.39 | ppb |
| Selenium | 78-2 | -1.01 | -1.19 | -1.58 | -1.26 | | ppb |
| Silicon | 28-1 | 861.79 | 897.25 | 898.65 | 885.90 | 2.36 | ppb |
| Silver | 107-1 | 0.94 | 1.02 | 0.97 | 0.98 | 4.13 | ppb |
| Silver | 109-1 | 0.93 | 0.98 | 0.99 | 0.97 | 2.81 | ppb |
| Sodium | 23-2 | 173.76 | 177.32 | 178.60 | 176.56 | 1.42 | ppb |
| Strontium | 86-1 | 1716.92 | 1805.72 | 1794.52 | 1772.39 | 2.73 | ppb |
| Strontium | 88-1 | 1766.80 | 1878.20 | 1848.78 | 1831.26 | 3.15 | ppb |
| Sulfur | 34-1 | 407.72 | 526.47 | 599.48 | 511.22 | 18.93 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.31 | 0.35 | 0.33 | 0.33 | 5.32 | ppb |
| Thallium | 205-1 | 0.31 | 0.33 | 0.33 | 0.33 | 3.36 | ppb |
| Tin | 118-1 | 2.98 | 3.14 | 3.16 | 3.09 | 3.12 | ppb |
| Titanium | 47-1 | 301.30 | 315.25 | 317.89 | 311.48 | 2.86 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:42:15 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.57 | 0.58 | 0.58 | 0.58 | 1.50 | ppb |
| Vanadium | 51-2 | 65.15 | 66.11 | 66.25 | 65.84 | 0.90 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 89 | | % |
| Zinc | 66-2 | 727.48 | 732.56 | 733.92 | 731.32 | 0.46 | ppb |
| Zirconium | 90-1 | 1.52 | 1.62 | 1.57 | 1.57 | 3.27 | ppb |
| Zirconium | 91-1 | 1.60 | 1.67 | 1.65 | 1.64 | 2.15 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:45:23 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7536.77 | 7226.63 | 7396.23 | 7386.54 | 2.10 | ppb |
| Antimony | 121-1 | 1.16 | 1.18 | 1.17 | 1.17 | 1.10 | ppb |
| Arsenic | 75-2 | 10.36 | 9.88 | 10.48 | 10.24 | 3.06 | ppb |
| Barium | 135-1 | 92.92 | 94.06 | 93.95 | 93.64 | 0.67 | ppb |
| Barium | 137-1 | 93.70 | 95.08 | 95.33 | 94.70 | 0.93 | ppb |
| Beryllium | 9-1 | 0.85 | 0.86 | 0.78 | 0.83 | 5.62 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.26 | 3.96 | 3.70 | 3.97 | 7.02 | ppb |
| Cadmium | 106-1 | 2.89 | 3.52 | 2.99 | 3.14 | 10.76 | ppb |
| Cadmium | 111-1 | 3.32 | 3.48 | 3.49 | 3.43 | 2.75 | ppb |
| Calcium | 43-1 | 61617.70 | 62779.10 | 63436.61 | 62611.14 | 1.47 | ppb |
| Calcium | 44-1 | 62199.38 | 62526.14 | 63476.11 | 62733.88 | 1.06 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 358.34 | 355.94 | 355.38 | 356.55 | 0.44 | ppb |
| Cobalt | 59-2 | 9.01 | 8.96 | 9.00 | 8.99 | 0.33 | ppb |
| Copper | 63-2 | 57.06 | 57.09 | 57.02 | 57.06 | 0.06 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 138030.62 | 135720.74 | 135755.05 | 136502.14 | 0.97 | ppb |
| Iron | 57-2 | 136262.53 | 134470.66 | 135978.68 | 135570.62 | 0.71 | ppb |
| Iron | 54-2 | 137253.77 | 136961.51 | 137657.01 | 137290.76 | 0.25 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:45:23 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 517.49 | 510.93 | 519.43 | 515.95 | 0.86 | ppb |
| Lead | 207-1 | 472.24 | 472.65 | 477.54 | 474.14 | 0.62 | ppb |
| Lead | 208-1 | 487.06 | 483.81 | 490.97 | 487.28 | 0.74 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 11772.89 | 11799.47 | 11850.04 | 11807.47 | 0.33 | ppb |
| Manganese | 55-2 | 7276.92 | 7206.18 | 7240.66 | 7241.25 | 0.49 | ppb |
| Molybdenum | 94-1 | 9.16 | 9.04 | 9.11 | 9.10 | 0.67 | ppb |
| Molybdenum | 95-1 | 6.68 | 6.74 | 6.66 | 6.69 | 0.60 | ppb |
| Molybdenum | 96-1 | 7.92 | 7.87 | 7.95 | 7.92 | 0.51 | ppb |
| Molybdenum | 97-1 | 6.59 | 6.66 | 6.70 | 6.65 | 0.84 | ppb |
| Molybdenum | 98-1 | 6.68 | 6.79 | 6.70 | 6.72 | 0.92 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 131.70 | 129.47 | 129.36 | 130.18 | 1.02 | ppb |
| Phosphorus | 31-2 | 864.26 | 862.61 | 838.23 | 855.03 | 1.70 | ppb |
| Potassium | 39-2 | 936.74 | 924.39 | 940.02 | 933.72 | 0.88 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 83 | | % |
| Selenium | 82-1 | -0.01 | 0.29 | 0.16 | 0.15 | 102.05 | ppb |
| Selenium | 77-2 | 4.15 | 3.93 | 3.49 | 3.86 | 8.73 | ppb |
| Selenium | 78-2 | -0.96 | -0.21 | -0.91 | -0.69 | | ppb |
| Silicon | 28-1 | 849.88 | 871.42 | 884.63 | 868.64 | 2.02 | ppb |
| Silver | 107-1 | 1.93 | 1.93 | 1.90 | 1.92 | 0.75 | ppb |
| Silver | 109-1 | 1.89 | 1.92 | 1.93 | 1.91 | 1.07 | ppb |
| Sodium | 23-2 | 219.35 | 215.49 | 216.28 | 217.04 | 0.94 | ppb |
| Strontium | 86-1 | 1915.99 | 1948.63 | 1910.78 | 1925.13 | 1.07 | ppb |
| Strontium | 88-1 | 2028.32 | 2017.53 | 1987.84 | 2011.23 | 1.04 | ppb |
| Sulfur | 34-1 | 524.91 | 589.79 | 541.69 | 552.13 | 6.10 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.57 | 0.58 | 0.58 | 0.58 | 1.36 | ppb |
| Thallium | 205-1 | 0.58 | 0.59 | 0.60 | 0.59 | 1.64 | ppb |
| Tin | 118-1 | 5.89 | 6.02 | 5.97 | 5.96 | 1.06 | ppb |
| Titanium | 47-1 | 360.70 | 367.91 | 371.10 | 366.57 | 1.45 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:45:23 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.65 | 0.67 | 0.65 | 0.66 | 1.64 | ppb |
| Vanadium | 51-2 | 86.88 | 85.48 | 85.79 | 86.05 | 0.85 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 1425.26 | 1424.73 | 1422.33 | 1424.11 | 0.11 | ppb |
| Zirconium | 90-1 | 1.97 | 2.02 | 2.03 | 2.00 | 1.67 | ppb |
| Zirconium | 91-1 | 2.07 | 2.05 | 2.00 | 2.04 | 1.72 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:48:27 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13971.35 | 14015.73 | 14065.04 | 14017.37 | 0.33 | ppb |
| Antimony | 121-1 | 147.72 | 156.23 | 156.77 | 153.57 | 3.31 | ppb |
| Arsenic | 75-2 | 454.75 | 450.37 | 452.91 | 452.67 | 0.49 | ppb |
| Barium | 135-1 | 384.59 | 406.66 | 407.41 | 399.55 | 3.24 | ppb |
| Barium | 137-1 | 413.60 | 436.62 | 440.83 | 430.35 | 3.41 | ppb |
| Beryllium | 9-1 | 0.38 | 0.39 | 0.36 | 0.38 | 4.97 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 110 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.92 | 6.11 | 6.30 | 6.11 | 3.11 | ppb |
| Cadmium | 106-1 | 4.83 | 6.35 | 5.58 | 5.58 | 13.58 | ppb |
| Cadmium | 111-1 | 3.85 | 4.08 | 4.03 | 3.98 | 3.06 | ppb |
| Calcium | 43-1 | 11539.60 | 11848.29 | 11727.69 | 11705.19 | 1.33 | ppb |
| Calcium | 44-1 | 10991.42 | 11207.87 | 11153.20 | 11117.50 | 1.01 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 68.80 | 69.21 | 69.18 | 69.06 | 0.33 | ppb |
| Cobalt | 59-2 | 88.31 | 88.32 | 88.39 | 88.34 | 0.05 | ppb |
| Copper | 63-2 | 2704.28 | 2682.59 | 2639.97 | 2675.61 | 1.22 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 82996.27 | 83289.08 | 82245.37 | 82843.57 | 0.65 | ppb |
| Iron | 57-2 | 82056.92 | 82131.27 | 81787.45 | 81991.88 | 0.22 | ppb |
| Iron | 54-2 | 82231.56 | 83158.92 | 82772.12 | 82720.86 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:48:27 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1025.27 | 1066.69 | 1060.43 | 1050.80 | 2.12 | ppb |
| Lead | 207-1 | 996.94 | 1030.33 | 1041.12 | 1022.80 | 2.25 | ppb |
| Lead | 208-1 | 1003.93 | 1043.42 | 1043.71 | 1030.35 | 2.22 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 8625.06 | 8734.62 | 8631.75 | 8663.81 | 0.71 | ppb |
| Manganese | 55-2 | 629.87 | 640.41 | 634.20 | 634.83 | 0.83 | ppb |
| Molybdenum | 94-1 | 24.34 | 25.37 | 26.02 | 25.24 | 3.35 | ppb |
| Molybdenum | 95-1 | 12.58 | 12.69 | 12.89 | 12.72 | 1.25 | ppb |
| Molybdenum | 96-1 | 14.53 | 14.84 | 15.00 | 14.79 | 1.62 | ppb |
| Molybdenum | 97-1 | 12.38 | 12.95 | 13.01 | 12.78 | 2.70 | ppb |
| Molybdenum | 98-1 | 12.39 | 12.95 | 13.25 | 12.86 | 3.39 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 90.23 | 89.82 | 89.86 | 89.97 | 0.25 | ppb |
| Phosphorus | 31-2 | 1063.96 | 1013.59 | 1076.65 | 1051.40 | 3.17 | ppb |
| Potassium | 39-2 | 3550.46 | 3516.15 | 3528.25 | 3531.62 | 0.49 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 2.35 | 2.33 | 2.29 | 2.32 | 1.17 | ppb |
| Selenium | 77-2 | 6.18 | 6.02 | 8.65 | 6.95 | 21.27 | ppb |
| Selenium | 78-2 | 3.33 | 1.25 | 1.28 | 1.95 | 61.00 | ppb |
| Silicon | 28-1 | 2444.25 | 2493.88 | 2485.87 | 2474.67 | 1.08 | ppb |
| Silver | 107-1 | 6.32 | 6.81 | 6.70 | 6.61 | 3.87 | ppb |
| Silver | 109-1 | 6.28 | 6.72 | 6.70 | 6.57 | 3.80 | ppb |
| Sodium | 23-2 | 15079.40 | 15010.22 | 15257.52 | 15115.71 | 0.84 | ppb |
| Strontium | 86-1 | 3080.52 | 3211.13 | 3216.36 | 3169.34 | 2.43 | ppb |
| Strontium | 88-1 | 3209.68 | 3260.70 | 3316.42 | 3262.27 | 1.64 | ppb |
| Sulfur | 34-1 | 8685.52 | 8995.07 | 8821.74 | 8834.11 | 1.76 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.26 | 0.29 | 0.30 | 0.28 | 6.24 | ppb |
| Thallium | 205-1 | 0.27 | 0.29 | 0.29 | 0.28 | 3.65 | ppb |
| Tin | 118-1 | 79.48 | 83.24 | 83.38 | 82.04 | 2.69 | ppb |
| Titanium | 47-1 | 661.00 | 684.05 | 681.21 | 675.42 | 1.86 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:48:27 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.95 | 3.06 | 3.01 | 3.00 | 1.84 | ppb |
| Vanadium | 51-2 | 53.64 | 53.87 | 53.82 | 53.77 | 0.22 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 5615.41 | 5644.95 | 5643.56 | 5634.64 | 0.30 | ppb |
| Zirconium | 90-1 | 7.84 | 8.14 | 8.14 | 8.04 | 2.14 | ppb |
| Zirconium | 91-1 | 7.82 | 8.34 | 8.38 | 8.18 | 3.82 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:51:29 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13825.81 | 13383.30 | 13694.47 | 13634.53 | 1.67 | ppb |
| Antimony | 121-1 | 148.75 | 151.27 | 152.50 | 150.84 | 1.27 | ppb |
| Arsenic | 75-2 | 441.86 | 441.92 | 442.36 | 442.05 | 0.06 | ppb |
| Barium | 135-1 | 387.48 | 395.29 | 396.94 | 393.24 | 1.28 | ppb |
| Barium | 137-1 | 422.32 | 412.15 | 425.52 | 420.00 | 1.66 | ppb |
| Beryllium | 9-1 | 0.40 | 0.38 | 0.31 | 0.37 | 12.64 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.15 | 6.55 | 5.79 | 6.16 | 6.18 | ppb |
| Cadmium | 106-1 | 5.13 | 4.56 | 4.42 | 4.71 | 8.00 | ppb |
| Cadmium | 111-1 | 3.82 | 3.88 | 4.02 | 3.90 | 2.68 | ppb |
| Calcium | 43-1 | 11391.20 | 11686.48 | 11616.37 | 11564.68 | 1.33 | ppb |
| Calcium | 44-1 | 10723.26 | 11167.44 | 11000.55 | 10963.75 | 2.05 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 67.51 | 67.50 | 67.14 | 67.38 | 0.31 | ppb |
| Cobalt | 59-2 | 86.41 | 85.30 | 86.33 | 86.01 | 0.72 | ppb |
| Copper | 63-2 | 2622.09 | 2627.38 | 2629.72 | 2626.40 | 0.15 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 81252.10 | 80548.52 | 80866.62 | 80889.08 | 0.44 | ppb |
| Iron | 57-2 | 80784.07 | 79304.58 | 79808.80 | 79965.82 | 0.94 | ppb |
| Iron | 54-2 | 81729.88 | 80863.82 | 81049.85 | 81214.52 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:51:29 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1034.79 | 1038.99 | 1050.51 | 1041.43 | 0.78 | ppb |
| Lead | 207-1 | 1003.01 | 1010.53 | 1014.03 | 1009.19 | 0.56 | ppb |
| Lead | 208-1 | 1011.88 | 1014.71 | 1019.99 | 1015.52 | 0.41 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 8552.55 | 8401.12 | 8509.98 | 8487.89 | 0.92 | ppb |
| Manganese | 55-2 | 622.27 | 614.46 | 621.25 | 619.33 | 0.68 | ppb |
| Molybdenum | 94-1 | 24.33 | 24.77 | 25.13 | 24.74 | 1.63 | ppb |
| Molybdenum | 95-1 | 12.24 | 12.38 | 12.45 | 12.36 | 0.85 | ppb |
| Molybdenum | 96-1 | 14.05 | 14.41 | 14.62 | 14.36 | 1.98 | ppb |
| Molybdenum | 97-1 | 12.21 | 12.53 | 12.57 | 12.44 | 1.60 | ppb |
| Molybdenum | 98-1 | 12.47 | 12.49 | 12.68 | 12.55 | 0.96 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 87.97 | 88.00 | 88.03 | 88.00 | 0.03 | ppb |
| Phosphorus | 31-2 | 1015.33 | 1012.04 | 1026.01 | 1017.79 | 0.72 | ppb |
| Potassium | 39-2 | 3482.85 | 3457.09 | 3460.43 | 3466.79 | 0.40 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 2.04 | 2.06 | 2.24 | 2.11 | 5.23 | ppb |
| Selenium | 77-2 | 6.29 | 4.78 | 5.87 | 5.65 | 13.78 | ppb |
| Selenium | 78-2 | 1.00 | 1.77 | 0.45 | 1.07 | 62.10 | ppb |
| Silicon | 28-1 | 2383.83 | 2472.30 | 2441.83 | 2432.65 | 1.85 | ppb |
| Silver | 107-1 | 6.43 | 6.63 | 6.62 | 6.56 | 1.72 | ppb |
| Silver | 109-1 | 6.36 | 6.56 | 6.50 | 6.48 | 1.57 | ppb |
| Sodium | 23-2 | 14902.35 | 14805.94 | 14621.11 | 14776.46 | 0.97 | ppb |
| Strontium | 86-1 | 3036.30 | 3088.68 | 3128.88 | 3084.62 | 1.51 | ppb |
| Strontium | 88-1 | 3125.54 | 3166.65 | 3215.25 | 3169.15 | 1.42 | ppb |
| Sulfur | 34-1 | 8279.00 | 8669.29 | 8447.78 | 8465.36 | 2.31 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.27 | 0.28 | 0.27 | 0.27 | 3.03 | ppb |
| Thallium | 205-1 | 0.27 | 0.28 | 0.28 | 0.27 | 2.66 | ppb |
| Tin | 118-1 | 79.66 | 81.22 | 81.29 | 80.72 | 1.14 | ppb |
| Titanium | 47-1 | 655.35 | 679.79 | 671.37 | 668.84 | 1.86 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:51:29 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.95 | 3.09 | 3.02 | 3.02 | 2.30 | ppb |
| Vanadium | 51-2 | 53.02 | 52.45 | 52.85 | 52.78 | 0.56 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 5572.81 | 5526.25 | 5567.03 | 5555.36 | 0.46 | ppb |
| Zirconium | 90-1 | 7.75 | 7.95 | 7.96 | 7.88 | 1.51 | ppb |
| Zirconium | 91-1 | 7.88 | 8.24 | 8.05 | 8.06 | 2.20 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:54:31 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2860.73 | 2828.65 | 2854.20 | 2847.86 | 0.60 | ppb |
| Antimony | 121-1 | 29.16 | 29.98 | 30.01 | 29.72 | 1.62 | ppb |
| Arsenic | 75-2 | 94.26 | 92.89 | 92.77 | 93.31 | 0.89 | ppb |
| Barium | 135-1 | 81.09 | 82.68 | 81.80 | 81.86 | 0.97 | ppb |
| Barium | 137-1 | 82.66 | 84.65 | 84.08 | 83.80 | 1.22 | ppb |
| Beryllium | 9-1 | 0.09 | 0.04 | 0.07 | 0.07 | 34.92 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.62 | 1.10 | 1.25 | 1.32 | 20.21 | ppb |
| Cadmium | 106-1 | -0.42 | -0.18 | -0.34 | -0.32 | | ppb |
| Cadmium | 111-1 | 0.69 | 0.73 | 0.74 | 0.72 | 4.17 | ppb |
| Calcium | 43-1 | 2401.58 | 2424.16 | 2457.60 | 2427.78 | 1.16 | ppb |
| Calcium | 44-1 | 2316.02 | 2359.98 | 2351.63 | 2342.54 | 1.00 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 14.35 | 14.16 | 14.47 | 14.32 | 1.09 | ppb |
| Cobalt | 59-2 | 18.48 | 18.18 | 18.03 | 18.23 | 1.26 | ppb |
| Copper | 63-2 | 571.50 | 560.04 | 555.82 | 562.46 | 1.44 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 17225.60 | 17001.44 | 17097.97 | 17108.34 | 0.66 | ppb |
| Iron | 57-2 | 17229.01 | 16807.45 | 17043.64 | 17026.70 | 1.24 | ppb |
| Iron | 54-2 | 17289.80 | 17106.01 | 17302.82 | 17232.88 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:54:31 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 216.63 | 223.08 | 218.88 | 219.53 | 1.49 | ppb |
| Lead | 207-1 | 212.93 | 215.49 | 210.63 | 213.02 | 1.14 | ppb |
| Lead | 208-1 | 214.32 | 216.67 | 213.15 | 214.72 | 0.84 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 1770.86 | 1754.03 | 1749.12 | 1758.00 | 0.65 | ppb |
| Manganese | 55-2 | 129.06 | 127.05 | 127.77 | 127.96 | 0.79 | ppb |
| Molybdenum | 94-1 | 5.11 | 5.17 | 5.23 | 5.17 | 1.22 | ppb |
| Molybdenum | 95-1 | 2.72 | 2.67 | 2.70 | 2.70 | 0.77 | ppb |
| Molybdenum | 96-1 | 3.08 | 3.07 | 3.09 | 3.08 | 0.35 | ppb |
| Molybdenum | 97-1 | 2.68 | 2.66 | 2.73 | 2.69 | 1.30 | ppb |
| Molybdenum | 98-1 | 2.66 | 2.63 | 2.67 | 2.66 | 0.75 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 19.25 | 18.42 | 18.67 | 18.78 | 2.26 | ppb |
| Phosphorus | 31-2 | 216.72 | 206.96 | 196.76 | 206.81 | 4.83 | ppb |
| Potassium | 39-2 | 760.54 | 750.41 | 757.15 | 756.03 | 0.68 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 0.28 | -0.03 | 0.23 | 0.16 | 104.64 | ppb |
| Selenium | 77-2 | 1.22 | 0.70 | 0.87 | 0.93 | 28.59 | ppb |
| Selenium | 78-2 | -0.54 | -0.53 | 0.69 | -0.13 | | ppb |
| Silicon | 28-1 | 509.24 | 512.80 | 509.45 | 510.50 | 0.39 | ppb |
| Silver | 107-1 | 1.37 | 1.37 | 1.36 | 1.37 | 0.56 | ppb |
| Silver | 109-1 | 1.37 | 1.37 | 1.38 | 1.38 | 0.28 | ppb |
| Sodium | 23-2 | 3188.54 | 3144.40 | 3097.50 | 3143.48 | 1.45 | ppb |
| Strontium | 86-1 | 654.57 | 666.89 | 669.18 | 663.55 | 1.18 | ppb |
| Strontium | 88-1 | 656.20 | 666.77 | 662.58 | 661.85 | 0.80 | ppb |
| Sulfur | 34-1 | 997.55 | 964.67 | 925.20 | 962.47 | 3.76 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.04 | 0.04 | 0.04 | 0.04 | 3.38 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.05 | 0.05 | 8.82 | ppb |
| Tin | 118-1 | 16.52 | 17.06 | 16.86 | 16.81 | 1.61 | ppb |
| Titanium | 47-1 | 140.15 | 140.16 | 139.32 | 139.88 | 0.35 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:54:31 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.62 | 0.61 | 0.62 | 0.62 | 1.16 | ppb |
| Vanadium | 51-2 | 10.93 | 11.02 | 11.10 | 11.02 | 0.77 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 1134.41 | 1118.61 | 1126.01 | 1126.34 | 0.70 | ppb |
| Zirconium | 90-1 | 1.59 | 1.63 | 1.62 | 1.62 | 1.52 | ppb |
| Zirconium | 91-1 | 1.62 | 1.66 | 1.66 | 1.65 | 1.19 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:57:41 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14091.78 | 14205.81 | 14181.78 | 14159.79 | 0.42 | ppb |
| Antimony | 121-1 | 173.76 | 173.63 | 172.40 | 173.26 | 0.43 | ppb |
| Arsenic | 75-2 | 452.07 | 461.78 | 464.96 | 459.60 | 1.46 | ppb |
| Barium | 135-1 | 855.36 | 840.68 | 837.44 | 844.49 | 1.13 | ppb |
| Barium | 137-1 | 865.34 | 838.96 | 848.92 | 851.07 | 1.57 | ppb |
| Beryllium | 9-1 | 10.92 | 10.67 | 10.84 | 10.81 | 1.18 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 110 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 14.94 | 14.89 | 16.16 | 15.33 | 4.68 | ppb |
| Cadmium | 106-1 | 14.28 | 13.90 | 14.33 | 14.17 | 1.63 | ppb |
| Cadmium | 111-1 | 14.47 | 14.33 | 14.31 | 14.37 | 0.64 | ppb |
| Calcium | 43-1 | 11449.64 | 11649.13 | 11553.26 | 11550.68 | 0.86 | ppb |
| Calcium | 44-1 | 10920.00 | 11097.35 | 11186.22 | 11067.86 | 1.22 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 113.35 | 110.38 | 109.89 | 111.21 | 1.68 | ppb |
| Cobalt | 59-2 | 205.15 | 200.03 | 197.81 | 200.99 | 1.87 | ppb |
| Copper | 63-2 | 2757.10 | 2697.05 | 2722.80 | 2725.65 | 1.11 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 83711.74 | 81103.10 | 81175.76 | 81996.87 | 1.81 | ppb |
| Iron | 57-2 | 82626.41 | 80689.63 | 81023.13 | 81446.39 | 1.27 | ppb |
| Iron | 54-2 | 83247.21 | 81408.70 | 80768.54 | 81808.15 | 1.57 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:57:41 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1049.87 | 1046.51 | 1061.35 | 1052.58 | 0.74 | ppb |
| Lead | 207-1 | 1014.33 | 1011.03 | 1032.59 | 1019.32 | 1.14 | ppb |
| Lead | 208-1 | 1023.30 | 1028.65 | 1035.71 | 1029.22 | 0.60 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 8660.86 | 8590.70 | 8699.83 | 8650.46 | 0.64 | ppb |
| Manganese | 55-2 | 747.54 | 726.98 | 723.54 | 732.69 | 1.77 | ppb |
| Molybdenum | 94-1 | 24.57 | 24.83 | 25.38 | 24.93 | 1.66 | ppb |
| Molybdenum | 95-1 | 12.46 | 12.68 | 12.66 | 12.60 | 0.95 | ppb |
| Molybdenum | 96-1 | 14.41 | 14.65 | 14.74 | 14.60 | 1.17 | ppb |
| Molybdenum | 97-1 | 12.33 | 12.63 | 12.75 | 12.57 | 1.72 | ppb |
| Molybdenum | 98-1 | 12.44 | 12.67 | 12.61 | 12.57 | 0.95 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 199.58 | 195.73 | 197.94 | 197.75 | 0.98 | ppb |
| Phosphorus | 31-2 | 1046.09 | 1046.36 | 1054.76 | 1049.07 | 0.47 | ppb |
| Potassium | 39-2 | 3500.41 | 3491.52 | 3541.97 | 3511.30 | 0.77 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 22.72 | 23.44 | 22.69 | 22.95 | 1.85 | ppb |
| Selenium | 77-2 | 31.10 | 28.83 | 26.89 | 28.94 | 7.28 | ppb |
| Selenium | 78-2 | 23.12 | 25.02 | 24.70 | 24.28 | 4.20 | ppb |
| Silicon | 28-1 | 2425.98 | 2439.73 | 2454.60 | 2440.10 | 0.59 | ppb |
| Silver | 107-1 | 17.27 | 17.15 | 16.92 | 17.11 | 1.06 | ppb |
| Silver | 109-1 | 16.89 | 16.83 | 16.90 | 16.88 | 0.22 | ppb |
| Sodium | 23-2 | 14930.85 | 15030.84 | 15129.04 | 15030.24 | 0.66 | ppb |
| Strontium | 86-1 | 3090.04 | 3161.04 | 3120.40 | 3123.83 | 1.14 | ppb |
| Strontium | 88-1 | 3206.76 | 3243.52 | 3275.51 | 3241.93 | 1.06 | ppb |
| Sulfur | 34-1 | 8273.60 | 8306.51 | 8288.27 | 8289.46 | 0.20 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 9.30 | 9.32 | 9.44 | 9.35 | 0.82 | ppb |
| Thallium | 205-1 | 9.37 | 9.38 | 9.54 | 9.43 | 1.00 | ppb |
| Tin | 118-1 | 81.21 | 81.09 | 80.95 | 81.09 | 0.16 | ppb |
| Titanium | 47-1 | 668.69 | 671.20 | 673.69 | 671.19 | 0.37 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:57:41 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.00 | 3.01 | 3.04 | 3.02 | 0.66 | ppb |
| Vanadium | 51-2 | 160.35 | 156.87 | 157.71 | 158.31 | 1.15 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 5812.70 | 5756.96 | 5791.95 | 5787.20 | 0.49 | ppb |
| Zirconium | 90-1 | 7.77 | 7.93 | 7.93 | 7.88 | 1.18 | ppb |
| Zirconium | 91-1 | 8.26 | 8.09 | 8.30 | 8.22 | 1.36 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKL7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:00:39 | DataFile Name : | 167SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9911.26 | 9748.65 | 9865.10 | 9841.67 | 0.85 | ppb |
| Antimony | 121-1 | 30.31 | 30.43 | 30.28 | 30.34 | 0.27 | ppb |
| Arsenic | 75-2 | 134.45 | 137.08 | 136.03 | 135.85 | 0.98 | ppb |
| Barium | 135-1 | 64.28 | 64.63 | 64.69 | 64.54 | 0.34 | ppb |
| Barium | 137-1 | 65.49 | 66.14 | 65.53 | 65.72 | 0.56 | ppb |
| Beryllium | 9-1 | 0.27 | 0.29 | 0.29 | 0.28 | 3.95 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.14 | 1.36 | 1.20 | 1.23 | 9.43 | ppb |
| Cadmium | 106-1 | 0.02 | -0.12 | -0.40 | -0.17 | | ppb |
| Cadmium | 111-1 | 0.92 | 0.87 | 0.84 | 0.88 | 5.05 | ppb |
| Calcium | 43-1 | 54300.10 | 55330.44 | 55494.71 | 55041.75 | 1.18 | ppb |
| Calcium | 44-1 | 54999.62 | 55028.22 | 55049.55 | 55025.80 | 0.05 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 31.66 | 31.64 | 31.71 | 31.67 | 0.12 | ppb |
| Cobalt | 59-2 | 17.19 | 17.47 | 17.62 | 17.43 | 1.26 | ppb |
| Copper | 63-2 | 1203.88 | 1195.05 | 1186.40 | 1195.11 | 0.73 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 26328.24 | 26359.46 | 26161.51 | 26283.07 | 0.40 | ppb |
| Iron | 57-2 | 26343.80 | 26269.86 | 26225.96 | 26279.87 | 0.23 | ppb |
| Iron | 54-2 | 26260.96 | 26792.50 | 26298.96 | 26450.81 | 1.12 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKL7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:00:39 | DataFile Name : | 167SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 248.56 | 245.24 | 250.06 | 247.95 | 1.00 | ppb |
| Lead | 207-1 | 243.97 | 242.93 | 243.04 | 243.31 | 0.23 | ppb |
| Lead | 208-1 | 244.94 | 243.24 | 245.66 | 244.61 | 0.51 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 6015.15 | 6007.75 | 5977.90 | 6000.27 | 0.33 | ppb |
| Manganese | 55-2 | 171.82 | 173.86 | 171.73 | 172.47 | 0.70 | ppb |
| Molybdenum | 94-1 | 8.81 | 8.68 | 8.71 | 8.73 | 0.78 | ppb |
| Molybdenum | 95-1 | 6.24 | 6.28 | 6.33 | 6.28 | 0.69 | ppb |
| Molybdenum | 96-1 | 6.84 | 6.92 | 6.88 | 6.88 | 0.57 | ppb |
| Molybdenum | 97-1 | 6.30 | 6.41 | 6.49 | 6.40 | 1.45 | ppb |
| Molybdenum | 98-1 | 6.45 | 6.44 | 6.51 | 6.47 | 0.57 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 25.41 | 25.28 | 25.49 | 25.39 | 0.41 | ppb |
| Phosphorus | 31-2 | 758.19 | 768.34 | 731.14 | 752.56 | 2.56 | ppb |
| Potassium | 39-2 | 2149.20 | 2152.54 | 2138.08 | 2146.61 | 0.35 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 1.39 | 0.89 | 0.97 | 1.08 | 24.78 | ppb |
| Selenium | 77-2 | 4.19 | 3.74 | 5.10 | 4.34 | 15.98 | ppb |
| Selenium | 78-2 | -0.21 | 0.10 | -0.57 | -0.22 | | ppb |
| Silicon | 28-1 | 1526.36 | 1513.73 | 1597.09 | 1545.72 | 2.91 | ppb |
| Silver | 107-1 | 3.29 | 3.27 | 3.24 | 3.27 | 0.73 | ppb |
| Silver | 109-1 | 3.31 | 3.24 | 3.18 | 3.24 | 1.98 | ppb |
| Sodium | 23-2 | 14615.33 | 14782.54 | 14514.46 | 14637.44 | 0.93 | ppb |
| Strontium | 86-1 | 10426.56 | 10500.93 | 10678.48 | 10535.32 | 1.23 | ppb |
| Strontium | 88-1 | 10390.78 | 10488.31 | 10464.44 | 10447.84 | 0.49 | ppb |
| Sulfur | 34-1 | 6393.63 | 6399.11 | 6553.63 | 6448.79 | 1.41 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.24 | 0.22 | 0.22 | 0.23 | 4.67 | ppb |
| Thallium | 205-1 | 0.22 | 0.23 | 0.23 | 0.23 | 1.67 | ppb |
| Tin | 118-1 | 24.38 | 24.48 | 24.32 | 24.39 | 0.33 | ppb |
| Titanium | 47-1 | 403.84 | 399.39 | 400.65 | 401.29 | 0.57 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKL7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:00:39 | DataFile Name : | 167SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.61 | 2.56 | 2.61 | 2.59 | 1.05 | ppb |
| Vanadium | 51-2 | 41.69 | 42.36 | 42.08 | 42.05 | 0.80 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 610.96 | 617.77 | 612.73 | 613.82 | 0.58 | ppb |
| Zirconium | 90-1 | 1.93 | 1.91 | 1.88 | 1.91 | 1.20 | ppb |
| Zirconium | 91-1 | 1.93 | 2.03 | 2.04 | 2.00 | 2.88 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:03:46 | DataFile Name : | 168SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9702.83 | 9775.84 | 9844.92 | 9774.53 | 0.73 | ppb |
| Antimony | 121-1 | 28.69 | 29.04 | 29.51 | 29.08 | 1.42 | ppb |
| Arsenic | 75-2 | 200.76 | 199.94 | 199.48 | 200.06 | 0.32 | ppb |
| Barium | 135-1 | 59.85 | 59.98 | 60.75 | 60.20 | 0.81 | ppb |
| Barium | 137-1 | 60.38 | 61.22 | 61.79 | 61.13 | 1.16 | ppb |
| Beryllium | 9-1 | 0.25 | 0.24 | 0.24 | 0.25 | 1.26 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 110 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.93 | 2.68 | 2.98 | 2.86 | 5.68 | ppb |
| Cadmium | 106-1 | 0.28 | 0.63 | 1.12 | 0.68 | 62.28 | ppb |
| Cadmium | 111-1 | 1.88 | 2.03 | 1.99 | 1.97 | 4.00 | ppb |
| Calcium | 43-1 | 4977.23 | 4990.14 | 4959.78 | 4975.72 | 0.31 | ppb |
| Calcium | 44-1 | 4747.96 | 4746.10 | 4759.47 | 4751.18 | 0.15 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 42.03 | 42.01 | 42.03 | 42.02 | 0.03 | ppb |
| Cobalt | 59-2 | 18.42 | 18.61 | 18.56 | 18.53 | 0.54 | ppb |
| Copper | 63-2 | 1592.12 | 1616.64 | 1606.57 | 1605.11 | 0.77 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 25948.31 | 26198.35 | 26280.24 | 26142.30 | 0.66 | ppb |
| Iron | 57-2 | 25983.41 | 25976.12 | 26219.11 | 26059.55 | 0.53 | ppb |
| Iron | 54-2 | 26189.65 | 26096.19 | 26725.18 | 26337.01 | 1.29 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:03:46 | DataFile Name : | 168SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 313.11 | 313.47 | 316.54 | 314.38 | 0.60 | ppb |
| Lead | 207-1 | 305.03 | 305.63 | 311.15 | 307.27 | 1.10 | ppb |
| Lead | 208-1 | 304.26 | 307.01 | 311.92 | 307.73 | 1.26 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 6035.06 | 6078.85 | 6077.61 | 6063.84 | 0.41 | ppb |
| Manganese | 55-2 | 145.82 | 146.50 | 146.71 | 146.35 | 0.32 | ppb |
| Molybdenum | 94-1 | 8.27 | 8.52 | 8.44 | 8.41 | 1.53 | ppb |
| Molybdenum | 95-1 | 6.31 | 6.41 | 6.52 | 6.42 | 1.62 | ppb |
| Molybdenum | 96-1 | 6.91 | 6.89 | 6.93 | 6.91 | 0.26 | ppb |
| Molybdenum | 97-1 | 6.35 | 6.37 | 6.50 | 6.41 | 1.24 | ppb |
| Molybdenum | 98-1 | 6.40 | 6.50 | 6.50 | 6.47 | 0.89 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 23.04 | 23.16 | 22.57 | 22.92 | 1.35 | ppb |
| Phosphorus | 31-2 | 665.75 | 645.61 | 673.70 | 661.69 | 2.19 | ppb |
| Potassium | 39-2 | 2333.73 | 2302.98 | 2334.79 | 2323.83 | 0.78 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 1.13 | 0.63 | 0.55 | 0.77 | 41.00 | ppb |
| Selenium | 77-2 | 4.35 | 4.67 | 5.13 | 4.72 | 8.25 | ppb |
| Selenium | 78-2 | 0.93 | 0.34 | -0.07 | 0.40 | 126.56 | ppb |
| Silicon | 28-1 | 1674.96 | 1613.22 | 1622.03 | 1636.74 | 2.04 | ppb |
| Silver | 107-1 | 5.87 | 5.99 | 6.09 | 5.98 | 1.86 | ppb |
| Silver | 109-1 | 5.90 | 5.84 | 5.98 | 5.91 | 1.13 | ppb |
| Sodium | 23-2 | 18497.76 | 18829.53 | 18776.73 | 18701.34 | 0.95 | ppb |
| Strontium | 86-1 | 1390.93 | 1395.79 | 1414.16 | 1400.29 | 0.87 | ppb |
| Strontium | 88-1 | 1430.05 | 1436.25 | 1471.06 | 1445.79 | 1.53 | ppb |
| Sulfur | 34-1 | 8819.74 | 8822.22 | 8747.56 | 8796.51 | 0.48 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.19 | 0.20 | 0.19 | 0.19 | 3.25 | ppb |
| Thallium | 205-1 | 0.19 | 0.19 | 0.19 | 0.19 | 2.00 | ppb |
| Tin | 118-1 | 29.67 | 30.02 | 30.42 | 30.04 | 1.26 | ppb |
| Titanium | 47-1 | 335.94 | 342.61 | 339.40 | 339.32 | 0.98 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:03:46 | DataFile Name : | 168SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.30 | 1.32 | 1.36 | 1.33 | 1.95 | ppb |
| Vanadium | 51-2 | 37.51 | 37.62 | 37.48 | 37.54 | 0.21 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 2007.63 | 2002.52 | 2040.51 | 2016.88 | 1.02 | ppb |
| Zirconium | 90-1 | 1.69 | 1.72 | 1.72 | 1.71 | 1.06 | ppb |
| Zirconium | 91-1 | 1.75 | 1.82 | 1.77 | 1.78 | 2.00 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:06:49 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9657.01 | 9551.81 | 9389.53 | 9532.78 | 1.41 | ppb |
| Antimony | 121-1 | 83.52 | 86.91 | 86.92 | 85.78 | 2.29 | ppb |
| Arsenic | 75-2 | 364.55 | 362.29 | 359.66 | 362.17 | 0.67 | ppb |
| Barium | 135-1 | 79.38 | 83.33 | 82.32 | 81.68 | 2.51 | ppb |
| Barium | 137-1 | 81.43 | 84.78 | 83.66 | 83.29 | 2.05 | ppb |
| Beryllium | 9-1 | 0.23 | 0.25 | 0.28 | 0.26 | 8.69 | ppb |
| Bismuth | 209-1 | | | | 118 | | % |
| Bismuth | 209-2 | | | | 111 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.09 | 2.20 | 2.01 | 2.10 | 4.46 | ppb |
| Cadmium | 106-1 | 0.85 | 0.10 | 0.16 | 0.37 | 111.61 | ppb |
| Cadmium | 111-1 | 1.55 | 1.59 | 1.53 | 1.56 | 1.95 | ppb |
| Calcium | 43-1 | 4788.56 | 4929.03 | 5004.29 | 4907.29 | 2.23 | ppb |
| Calcium | 44-1 | 4574.62 | 4724.28 | 4737.03 | 4678.65 | 1.93 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 34.38 | 33.99 | 33.56 | 33.98 | 1.20 | ppb |
| Cobalt | 59-2 | 23.91 | 23.65 | 23.60 | 23.72 | 0.71 | ppb |
| Copper | 63-2 | 2399.13 | 2385.37 | 2354.24 | 2379.58 | 0.97 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 31884.97 | 31293.43 | 31414.56 | 31530.98 | 0.99 | ppb |
| Iron | 57-2 | 31773.06 | 30813.97 | 31382.99 | 31323.34 | 1.54 | ppb |
| Iron | 54-2 | 31866.92 | 31571.03 | 30968.85 | 31468.93 | 1.45 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:06:49 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 504.95 | 512.24 | 525.17 | 514.12 | 1.99 | ppb |
| Lead | 207-1 | 497.12 | 510.34 | 509.35 | 505.60 | 1.46 | ppb |
| Lead | 208-1 | 496.04 | 506.50 | 511.91 | 504.82 | 1.60 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 6051.89 | 6014.58 | 5971.12 | 6012.53 | 0.67 | ppb |
| Manganese | 55-2 | 175.81 | 175.29 | 172.43 | 174.51 | 1.04 | ppb |
| Molybdenum | 94-1 | 11.44 | 11.49 | 11.91 | 11.62 | 2.23 | ppb |
| Molybdenum | 95-1 | 8.96 | 9.15 | 9.17 | 9.09 | 1.29 | ppb |
| Molybdenum | 96-1 | 9.54 | 9.78 | 9.85 | 9.72 | 1.64 | ppb |
| Molybdenum | 97-1 | 9.01 | 9.31 | 9.30 | 9.21 | 1.88 | ppb |
| Molybdenum | 98-1 | 9.08 | 9.31 | 9.40 | 9.26 | 1.78 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 27.88 | 27.98 | 27.40 | 27.75 | 1.11 | ppb |
| Phosphorus | 31-2 | 616.74 | 623.16 | 611.95 | 617.29 | 0.91 | ppb |
| Potassium | 39-2 | 2287.65 | 2257.68 | 2227.86 | 2257.73 | 1.32 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 1.76 | 1.99 | 1.59 | 1.78 | 11.31 | ppb |
| Selenium | 77-2 | 4.83 | 4.15 | 5.64 | 4.87 | 15.25 | ppb |
| Selenium | 78-2 | 1.81 | 2.19 | 0.10 | 1.36 | 81.56 | ppb |
| Silicon | 28-1 | 1460.57 | 1502.10 | 1519.58 | 1494.09 | 2.03 | ppb |
| Silver | 107-1 | 6.62 | 6.88 | 6.76 | 6.75 | 1.89 | ppb |
| Silver | 109-1 | 6.61 | 6.86 | 6.67 | 6.71 | 1.91 | ppb |
| Sodium | 23-2 | 16475.68 | 16459.67 | 16180.52 | 16371.96 | 1.01 | ppb |
| Strontium | 86-1 | 1334.00 | 1384.56 | 1388.31 | 1368.96 | 2.22 | ppb |
| Strontium | 88-1 | 1398.75 | 1435.67 | 1428.49 | 1420.97 | 1.38 | ppb |
| Sulfur | 34-1 | 10126.71 | 10363.01 | 10570.38 | 10353.37 | 2.14 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.28 | 0.29 | 0.28 | 0.29 | 1.26 | ppb |
| Thallium | 205-1 | 0.28 | 0.29 | 0.30 | 0.29 | 3.37 | ppb |
| Tin | 118-1 | 51.19 | 52.45 | 52.04 | 51.89 | 1.25 | ppb |
| Titanium | 47-1 | 373.69 | 385.61 | 389.64 | 382.98 | 2.17 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:06:49 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.15 | 1.19 | 1.21 | 1.18 | 2.44 | ppb |
| Vanadium | 51-2 | 38.81 | 38.86 | 38.40 | 38.69 | 0.66 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 1048.95 | 1040.43 | 1030.24 | 1039.87 | 0.90 | ppb |
| Zirconium | 90-1 | 2.19 | 2.26 | 2.24 | 2.23 | 1.49 | ppb |
| Zirconium | 91-1 | 2.30 | 2.31 | 2.37 | 2.33 | 1.46 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:09:55 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9751.96 | 9808.64 | 9740.65 | 9767.08 | 0.37 | ppb |
| Antimony | 121-1 | 89.88 | 89.12 | 90.36 | 89.79 | 0.70 | ppb |
| Arsenic | 75-2 | 329.17 | 338.04 | 331.68 | 332.96 | 1.37 | ppb |
| Barium | 135-1 | 78.47 | 78.40 | 78.65 | 78.51 | 0.17 | ppb |
| Barium | 137-1 | 80.16 | 79.53 | 80.86 | 80.18 | 0.83 | ppb |
| Beryllium | 9-1 | 0.26 | 0.20 | 0.24 | 0.23 | 12.10 | ppb |
| Bismuth | 209-1 | | | | 117 | | % |
| Bismuth | 209-2 | | | | 110 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.70 | 1.62 | 1.72 | 1.68 | 3.10 | ppb |
| Cadmium | 106-1 | 0.57 | -0.31 | 0.34 | 0.20 | 230.87 | ppb |
| Cadmium | 111-1 | 1.27 | 1.24 | 1.18 | 1.23 | 3.66 | ppb |
| Calcium | 43-1 | 5096.82 | 5117.00 | 5079.76 | 5097.86 | 0.37 | ppb |
| Calcium | 44-1 | 4869.40 | 4846.09 | 4874.05 | 4863.18 | 0.31 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30.62 | 30.92 | 30.35 | 30.63 | 0.92 | ppb |
| Cobalt | 59-2 | 24.00 | 24.12 | 23.86 | 24.00 | 0.54 | ppb |
| Copper | 63-2 | 1988.28 | 1967.31 | 1980.67 | 1978.75 | 0.54 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 31506.37 | 32117.67 | 31679.52 | 31767.85 | 0.99 | ppb |
| Iron | 57-2 | 31837.83 | 31961.26 | 31637.74 | 31812.28 | 0.51 | ppb |
| Iron | 54-2 | 31816.57 | 32046.64 | 31885.80 | 31916.34 | 0.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:09:55 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 525.14 | 522.70 | 546.25 | 531.37 | 2.44 | ppb |
| Lead | 207-1 | 513.70 | 515.72 | 527.52 | 518.98 | 1.44 | ppb |
| Lead | 208-1 | 514.91 | 514.91 | 529.88 | 519.90 | 1.66 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 6053.63 | 6045.61 | 5985.04 | 6028.09 | 0.62 | ppb |
| Manganese | 55-2 | 250.95 | 252.69 | 250.71 | 251.45 | 0.43 | ppb |
| Molybdenum | 94-1 | 7.84 | 7.92 | 7.79 | 7.85 | 0.85 | ppb |
| Molybdenum | 95-1 | 4.53 | 4.49 | 4.56 | 4.53 | 0.80 | ppb |
| Molybdenum | 96-1 | 5.19 | 4.99 | 5.15 | 5.11 | 2.10 | ppb |
| Molybdenum | 97-1 | 4.48 | 4.63 | 4.55 | 4.55 | 1.71 | ppb |
| Molybdenum | 98-1 | 4.53 | 4.51 | 4.54 | 4.53 | 0.30 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 26.61 | 26.81 | 26.73 | 26.72 | 0.38 | ppb |
| Phosphorus | 31-2 | 526.21 | 536.03 | 516.52 | 526.26 | 1.85 | ppb |
| Potassium | 39-2 | 2377.01 | 2336.90 | 2342.55 | 2352.15 | 0.92 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 2.15 | 2.21 | 1.90 | 2.09 | 7.84 | ppb |
| Selenium | 77-2 | 3.82 | 3.96 | 4.20 | 4.00 | 4.81 | ppb |
| Selenium | 78-2 | 1.08 | 1.38 | 2.25 | 1.57 | 38.85 | ppb |
| Silicon | 28-1 | 1490.11 | 1491.44 | 1496.97 | 1492.84 | 0.24 | ppb |
| Silver | 107-1 | 5.32 | 5.28 | 5.22 | 5.27 | 0.97 | ppb |
| Silver | 109-1 | 5.17 | 5.15 | 5.18 | 5.17 | 0.37 | ppb |
| Sodium | 23-2 | 18295.30 | 18281.77 | 18264.00 | 18280.36 | 0.09 | ppb |
| Strontium | 86-1 | 1464.38 | 1443.46 | 1458.61 | 1455.48 | 0.74 | ppb |
| Strontium | 88-1 | 1541.06 | 1512.94 | 1500.11 | 1518.04 | 1.38 | ppb |
| Sulfur | 34-1 | 18062.12 | 18068.24 | 18320.73 | 18150.36 | 0.81 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.21 | 0.23 | 0.24 | 0.23 | 7.21 | ppb |
| Thallium | 205-1 | 0.23 | 0.22 | 0.23 | 0.23 | 1.70 | ppb |
| Tin | 118-1 | 44.22 | 43.78 | 43.96 | 43.99 | 0.51 | ppb |
| Titanium | 47-1 | 407.04 | 409.30 | 414.74 | 410.36 | 0.97 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:09:55 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.96 | 0.96 | 1.00 | 0.97 | 2.44 | ppb |
| Vanadium | 51-2 | 42.30 | 42.75 | 42.29 | 42.45 | 0.62 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 878.69 | 879.41 | 872.64 | 876.91 | 0.42 | ppb |
| Zirconium | 90-1 | 2.24 | 2.22 | 2.25 | 2.24 | 0.78 | ppb |
| Zirconium | 91-1 | 2.34 | 2.32 | 2.29 | 2.32 | 1.06 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:12:59 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10757.33 | 10798.99 | 10757.67 | 10771.33 | 0.22 | ppb |
| Antimony | 121-1 | 41.77 | 43.10 | 42.00 | 42.29 | 1.68 | ppb |
| Arsenic | 75-2 | 284.52 | 278.92 | 278.34 | 280.59 | 1.22 | ppb |
| Barium | 135-1 | 148.07 | 152.90 | 147.18 | 149.38 | 2.06 | ppb |
| Barium | 137-1 | 150.91 | 155.45 | 152.25 | 152.87 | 1.53 | ppb |
| Beryllium | 9-1 | 0.30 | 0.25 | 0.28 | 0.27 | 7.95 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 111 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.78 | 2.53 | 2.49 | 2.60 | 6.04 | ppb |
| Cadmium | 106-1 | 1.41 | 0.64 | 0.72 | 0.92 | 46.17 | ppb |
| Cadmium | 111-1 | 2.08 | 2.09 | 2.02 | 2.06 | 1.72 | ppb |
| Calcium | 43-1 | 13113.62 | 13643.38 | 13493.22 | 13416.74 | 2.04 | ppb |
| Calcium | 44-1 | 12696.14 | 12984.05 | 12977.10 | 12885.76 | 1.27 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 28.80 | 28.93 | 28.69 | 28.81 | 0.41 | ppb |
| Cobalt | 59-2 | 24.08 | 24.58 | 24.47 | 24.38 | 1.07 | ppb |
| Copper | 63-2 | 2414.21 | 2390.73 | 2393.20 | 2399.38 | 0.54 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 35397.46 | 35804.32 | 35308.91 | 35503.57 | 0.74 | ppb |
| Iron | 57-2 | 34870.46 | 35498.91 | 35369.99 | 35246.45 | 0.94 | ppb |
| Iron | 54-2 | 35515.00 | 35993.67 | 35554.35 | 35687.67 | 0.74 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:12:59 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 778.91 | 769.71 | 794.79 | 781.14 | 1.62 | ppb |
| Lead | 207-1 | 758.54 | 753.93 | 774.20 | 762.22 | 1.39 | ppb |
| Lead | 208-1 | 760.69 | 760.01 | 775.22 | 765.31 | 1.12 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 6132.79 | 6038.81 | 6157.45 | 6109.68 | 1.02 | ppb |
| Manganese | 55-2 | 319.38 | 320.40 | 317.67 | 319.15 | 0.43 | ppb |
| Molybdenum | 94-1 | 10.05 | 10.20 | 10.10 | 10.12 | 0.76 | ppb |
| Molybdenum | 95-1 | 5.21 | 5.33 | 5.29 | 5.28 | 1.13 | ppb |
| Molybdenum | 96-1 | 6.07 | 6.12 | 6.08 | 6.09 | 0.42 | ppb |
| Molybdenum | 97-1 | 5.35 | 5.30 | 5.21 | 5.29 | 1.37 | ppb |
| Molybdenum | 98-1 | 5.30 | 5.40 | 5.32 | 5.34 | 1.00 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 34.06 | 34.02 | 34.10 | 34.06 | 0.13 | ppb |
| Phosphorus | 31-2 | 606.08 | 579.77 | 577.46 | 587.77 | 2.70 | ppb |
| Potassium | 39-2 | 2481.04 | 2478.90 | 2481.59 | 2480.51 | 0.06 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 1.71 | 2.20 | 2.08 | 2.00 | 12.95 | ppb |
| Selenium | 77-2 | 5.65 | 4.26 | 5.23 | 5.05 | 14.20 | ppb |
| Selenium | 78-2 | -0.49 | 1.91 | 0.95 | 0.79 | 152.56 | ppb |
| Silicon | 28-1 | 1633.38 | 1641.93 | 1615.13 | 1630.15 | 0.84 | ppb |
| Silver | 107-1 | 5.94 | 6.14 | 5.97 | 6.02 | 1.81 | ppb |
| Silver | 109-1 | 5.88 | 6.14 | 5.87 | 5.96 | 2.51 | ppb |
| Sodium | 23-2 | 16467.82 | 16539.28 | 16395.61 | 16467.57 | 0.44 | ppb |
| Strontium | 86-1 | 3297.41 | 3381.71 | 3323.60 | 3334.24 | 1.29 | ppb |
| Strontium | 88-1 | 3422.05 | 3452.39 | 3453.82 | 3442.75 | 0.52 | ppb |
| Sulfur | 34-1 | 19497.75 | 20181.09 | 20357.65 | 20012.17 | 2.27 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.19 | 0.18 | 0.19 | 0.19 | 1.52 | ppb |
| Thallium | 205-1 | 0.19 | 0.18 | 0.18 | 0.18 | 1.14 | ppb |
| Tin | 118-1 | 46.10 | 47.87 | 47.14 | 47.04 | 1.89 | ppb |
| Titanium | 47-1 | 471.97 | 486.19 | 485.24 | 481.13 | 1.65 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:12:59 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.33 | 1.34 | 1.37 | 1.35 | 1.43 | ppb |
| Vanadium | 51-2 | 49.96 | 50.22 | 49.79 | 49.99 | 0.44 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 1464.92 | 1457.61 | 1469.22 | 1463.92 | 0.40 | ppb |
| Zirconium | 90-1 | 3.03 | 3.13 | 3.05 | 3.07 | 1.70 | ppb |
| Zirconium | 91-1 | 3.18 | 3.21 | 3.19 | 3.19 | 0.59 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKX2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:16:05 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8241.14 | 8402.23 | 8295.42 | 8312.93 | 0.99 | ppb |
| Antimony | 121-1 | 22.96 | 24.01 | 23.96 | 23.64 | 2.51 | ppb |
| Arsenic | 75-2 | 94.67 | 93.56 | 94.70 | 94.31 | 0.69 | ppb |
| Barium | 135-1 | 59.48 | 62.37 | 62.74 | 61.53 | 2.90 | ppb |
| Barium | 137-1 | 60.79 | 63.74 | 64.30 | 62.94 | 2.99 | ppb |
| Beryllium | 9-1 | 0.22 | 0.22 | 0.18 | 0.21 | 12.12 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.23 | 1.17 | 1.31 | 1.24 | 5.59 | ppb |
| Cadmium | 106-1 | -0.56 | -0.23 | -0.13 | -0.31 | | ppb |
| Cadmium | 111-1 | 0.61 | 0.67 | 0.67 | 0.65 | 5.13 | ppb |
| Calcium | 43-1 | 65966.22 | 69893.63 | 70550.26 | 68803.37 | 3.60 | ppb |
| Calcium | 44-1 | 65919.11 | 68824.65 | 68857.93 | 67867.23 | 2.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 44.52 | 45.08 | 45.21 | 44.94 | 0.82 | ppb |
| Cobalt | 59-2 | 11.58 | 11.70 | 11.50 | 11.59 | 0.87 | ppb |
| Copper | 63-2 | 978.23 | 975.71 | 981.71 | 978.55 | 0.31 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 33908.97 | 34233.27 | 33909.34 | 34017.19 | 0.55 | ppb |
| Iron | 57-2 | 33643.28 | 34207.06 | 34094.17 | 33981.50 | 0.88 | ppb |
| Iron | 54-2 | 33542.96 | 34193.84 | 34094.87 | 33943.89 | 1.03 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKX2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:16:05 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 366.65 | 377.09 | 385.68 | 376.47 | 2.53 | ppb |
| Lead | 207-1 | 358.89 | 370.53 | 370.70 | 366.71 | 1.85 | ppb |
| Lead | 208-1 | 357.29 | 369.02 | 374.02 | 366.78 | 2.34 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 4614.96 | 4747.18 | 4685.32 | 4682.49 | 1.41 | ppb |
| Manganese | 55-2 | 125.57 | 128.43 | 127.67 | 127.22 | 1.17 | ppb |
| Molybdenum | 94-1 | 12.19 | 12.56 | 12.76 | 12.50 | 2.31 | ppb |
| Molybdenum | 95-1 | 6.62 | 6.82 | 6.94 | 6.80 | 2.35 | ppb |
| Molybdenum | 96-1 | 7.63 | 7.76 | 7.95 | 7.78 | 2.11 | ppb |
| Molybdenum | 97-1 | 6.75 | 7.03 | 6.88 | 6.88 | 2.03 | ppb |
| Molybdenum | 98-1 | 6.78 | 6.85 | 7.06 | 6.90 | 2.06 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 32.38 | 32.65 | 32.80 | 32.61 | 0.65 | ppb |
| Phosphorus | 31-2 | 1261.17 | 1267.79 | 1235.32 | 1254.76 | 1.37 | ppb |
| Potassium | 39-2 | 1466.28 | 1488.15 | 1495.05 | 1483.16 | 1.01 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 81 | | % |
| Selenium | 82-1 | 0.52 | 1.09 | 0.79 | 0.80 | 35.94 | ppb |
| Selenium | 77-2 | 4.35 | 3.81 | 5.77 | 4.64 | 21.78 | ppb |
| Selenium | 78-2 | -0.17 | -0.06 | 0.34 | 0.04 | 716.18 | ppb |
| Silicon | 28-1 | 1042.09 | 1094.37 | 1114.21 | 1083.56 | 3.44 | ppb |
| Silver | 107-1 | 1.87 | 1.92 | 1.94 | 1.91 | 1.81 | ppb |
| Silver | 109-1 | 1.85 | 1.90 | 1.89 | 1.88 | 1.46 | ppb |
| Sodium | 23-2 | 10971.29 | 11046.33 | 11009.82 | 11009.15 | 0.34 | ppb |
| Strontium | 86-1 | 9959.79 | 10070.35 | 10191.49 | 10073.88 | 1.15 | ppb |
| Strontium | 88-1 | 9788.75 | 10068.74 | 10199.31 | 10018.93 | 2.09 | ppb |
| Sulfur | 34-1 | 9638.78 | 10479.01 | 10583.57 | 10233.78 | 5.06 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.13 | 0.13 | 0.14 | 0.13 | 3.37 | ppb |
| Thallium | 205-1 | 0.13 | 0.13 | 0.14 | 0.13 | 6.13 | ppb |
| Tin | 118-1 | 61.20 | 64.43 | 64.28 | 63.31 | 2.88 | ppb |
| Titanium | 47-1 | 538.72 | 564.80 | 572.39 | 558.64 | 3.16 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKX2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:16:05 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.70 | 2.76 | 2.81 | 2.76 | 2.07 | ppb |
| Vanadium | 51-2 | 47.07 | 48.04 | 47.72 | 47.61 | 1.04 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 91 | | % |
| Zinc | 66-2 | 361.60 | 365.90 | 363.37 | 363.62 | 0.59 | ppb |
| Zirconium | 90-1 | 3.65 | 3.74 | 3.86 | 3.75 | 2.82 | ppb |
| Zirconium | 91-1 | 3.69 | 3.75 | 3.90 | 3.78 | 2.81 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL82 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:19:07 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7704.64 | 7661.38 | 7659.46 | 7675.16 | 0.33 | ppb |
| Antimony | 121-1 | 30.47 | 31.03 | 32.05 | 31.18 | 2.57 | ppb |
| Arsenic | 75-2 | 180.29 | 180.04 | 180.22 | 180.18 | 0.07 | ppb |
| Barium | 135-1 | 80.53 | 81.61 | 84.05 | 82.06 | 2.19 | ppb |
| Barium | 137-1 | 81.40 | 82.55 | 84.84 | 82.93 | 2.11 | ppb |
| Beryllium | 9-1 | 0.16 | 0.21 | 0.18 | 0.18 | 11.25 | ppb |
| Bismuth | 209-1 | | | | 116 | | % |
| Bismuth | 209-2 | | | | 111 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.51 | 1.63 | 1.89 | 1.68 | 11.79 | ppb |
| Cadmium | 106-1 | 0.56 | 0.57 | -0.29 | 0.28 | 175.88 | ppb |
| Cadmium | 111-1 | 1.13 | 1.18 | 1.09 | 1.13 | 4.10 | ppb |
| Calcium | 43-1 | 5245.37 | 5464.31 | 5485.12 | 5398.26 | 2.46 | ppb |
| Calcium | 44-1 | 5021.84 | 5185.88 | 5165.45 | 5124.39 | 1.74 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 29.34 | 29.61 | 29.20 | 29.39 | 0.71 | ppb |
| Cobalt | 59-2 | 20.91 | 20.92 | 21.15 | 20.99 | 0.66 | ppb |
| Copper | 63-2 | 3208.08 | 3277.62 | 3249.20 | 3244.97 | 1.08 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 24402.17 | 24455.15 | 24372.74 | 24410.02 | 0.17 | ppb |
| Iron | 57-2 | 24279.56 | 24855.11 | 24218.58 | 24451.08 | 1.44 | ppb |
| Iron | 54-2 | 24424.27 | 24454.06 | 24631.10 | 24503.14 | 0.46 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL82 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:19:07 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 240.17 | 245.85 | 249.72 | 245.24 | 1.96 | ppb |
| Lead | 207-1 | 238.96 | 237.05 | 241.43 | 239.15 | 0.92 | ppb |
| Lead | 208-1 | 236.86 | 242.41 | 242.22 | 240.50 | 1.31 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 4649.23 | 4690.83 | 4687.90 | 4675.99 | 0.50 | ppb |
| Manganese | 55-2 | 160.25 | 161.59 | 161.19 | 161.01 | 0.43 | ppb |
| Molybdenum | 94-1 | 10.12 | 10.78 | 10.68 | 10.53 | 3.40 | ppb |
| Molybdenum | 95-1 | 6.03 | 6.29 | 6.36 | 6.23 | 2.74 | ppb |
| Molybdenum | 96-1 | 6.69 | 7.03 | 7.12 | 6.95 | 3.30 | ppb |
| Molybdenum | 97-1 | 6.03 | 6.42 | 6.46 | 6.30 | 3.72 | ppb |
| Molybdenum | 98-1 | 6.05 | 6.41 | 6.39 | 6.28 | 3.22 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 25.58 | 25.89 | 26.00 | 25.82 | 0.83 | ppb |
| Phosphorus | 31-2 | 828.99 | 845.03 | 813.17 | 829.06 | 1.92 | ppb |
| Potassium | 39-2 | 1703.75 | 1719.31 | 1706.86 | 1709.97 | 0.48 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.67 | 0.76 | 0.98 | 0.80 | 19.78 | ppb |
| Selenium | 77-2 | 5.09 | 3.63 | 2.16 | 3.62 | 40.41 | ppb |
| Selenium | 78-2 | 0.92 | 1.01 | 1.86 | 1.26 | 41.10 | ppb |
| Silicon | 28-1 | 1385.47 | 1440.83 | 1427.09 | 1417.80 | 2.03 | ppb |
| Silver | 107-1 | 5.84 | 6.00 | 6.16 | 6.00 | 2.70 | ppb |
| Silver | 109-1 | 5.70 | 5.88 | 6.07 | 5.88 | 3.11 | ppb |
| Sodium | 23-2 | 9625.73 | 9794.95 | 9853.64 | 9758.11 | 1.21 | ppb |
| Strontium | 86-1 | 1129.86 | 1174.05 | 1189.25 | 1164.39 | 2.65 | ppb |
| Strontium | 88-1 | 1169.39 | 1227.17 | 1216.00 | 1204.19 | 2.54 | ppb |
| Sulfur | 34-1 | 7840.17 | 8222.85 | 8098.72 | 8053.91 | 2.42 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.40 | 0.40 | 0.41 | 0.41 | 2.15 | ppb |
| Thallium | 205-1 | 0.40 | 0.41 | 0.41 | 0.41 | 1.95 | ppb |
| Tin | 118-1 | 17.63 | 17.88 | 18.38 | 17.96 | 2.13 | ppb |
| Titanium | 47-1 | 430.46 | 450.45 | 446.17 | 442.36 | 2.38 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL82 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:19:07 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.12 | 2.16 | 2.18 | 2.15 | 1.49 | ppb |
| Vanadium | 51-2 | 30.60 | 30.63 | 31.08 | 30.77 | 0.88 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 752.69 | 761.63 | 763.14 | 759.15 | 0.74 | ppb |
| Zirconium | 90-1 | 2.85 | 3.01 | 3.03 | 2.96 | 3.17 | ppb |
| Zirconium | 91-1 | 2.92 | 3.05 | 3.16 | 3.04 | 4.03 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL83 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:22:13 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7571.65 | 6487.28 | 6762.39 | 6940.44 | 8.12 | ppb |
| Antimony | 121-1 | 1.42 | 1.54 | 1.54 | 1.50 | 4.45 | ppb |
| Arsenic | 75-2 | 11.65 | 9.76 | 9.92 | 10.44 | 10.00 | ppb |
| Barium | 135-1 | 17.72 | 19.06 | 18.96 | 18.58 | 4.03 | ppb |
| Barium | 137-1 | 18.08 | 19.63 | 19.30 | 19.00 | 4.30 | ppb |
| Beryllium | 9-1 | 0.11 | 0.16 | 0.10 | 0.12 | 26.55 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.63 | 0.72 | 0.68 | 0.68 | 6.90 | ppb |
| Cadmium | 106-1 | -0.57 | -0.94 | -1.19 | -0.90 | | ppb |
| Cadmium | 111-1 | 0.40 | 0.43 | 0.33 | 0.39 | 13.13 | ppb |
| Calcium | 43-1 | 3631.13 | 3949.19 | 3849.65 | 3809.99 | 4.27 | ppb |
| Calcium | 44-1 | 3456.32 | 3778.59 | 3764.11 | 3666.34 | 4.96 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 31.59 | 27.06 | 28.16 | 28.94 | 8.18 | ppb |
| Cobalt | 59-2 | 5.93 | 5.14 | 5.37 | 5.48 | 7.38 | ppb |
| Copper | 63-2 | 88.70 | 76.07 | 78.89 | 81.22 | 8.16 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 12859.28 | 11044.78 | 11437.12 | 11780.39 | 8.10 | ppb |
| Iron | 57-2 | 12896.86 | 11127.60 | 11541.90 | 11855.45 | 7.81 | ppb |
| Iron | 54-2 | 13026.10 | 11021.78 | 11475.40 | 11841.09 | 8.88 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL83 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:22:13 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16.26 | 17.30 | 17.69 | 17.08 | 4.32 | ppb |
| Lead | 207-1 | 15.57 | 16.58 | 16.91 | 16.36 | 4.28 | ppb |
| Lead | 208-1 | 15.74 | 16.73 | 16.99 | 16.49 | 3.99 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 5021.00 | 4334.57 | 4493.22 | 4616.26 | 7.78 | ppb |
| Manganese | 55-2 | 139.17 | 118.79 | 124.60 | 127.52 | 8.23 | ppb |
| Molybdenum | 94-1 | 6.69 | 7.08 | 7.10 | 6.96 | 3.37 | ppb |
| Molybdenum | 95-1 | 1.29 | 1.34 | 1.37 | 1.34 | 2.90 | ppb |
| Molybdenum | 96-1 | 1.95 | 2.03 | 2.12 | 2.03 | 4.09 | ppb |
| Molybdenum | 97-1 | 1.27 | 1.40 | 1.44 | 1.37 | 6.44 | ppb |
| Molybdenum | 98-1 | 1.33 | 1.35 | 1.43 | 1.37 | 3.78 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 24.19 | 20.88 | 21.49 | 22.19 | 7.95 | ppb |
| Phosphorus | 31-2 | 824.79 | 727.12 | 720.74 | 757.55 | 7.70 | ppb |
| Potassium | 39-2 | 1574.95 | 1342.53 | 1397.51 | 1438.33 | 8.45 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 85 | | % |
| Selenium | 82-1 | 0.37 | 0.52 | 0.53 | 0.47 | 19.29 | ppb |
| Selenium | 77-2 | 5.50 | 3.65 | 2.84 | 4.00 | 34.12 | ppb |
| Selenium | 78-2 | 0.33 | -0.75 | 2.06 | 0.55 | 260.32 | ppb |
| Silicon | 28-1 | 1076.76 | 1175.06 | 1153.47 | 1135.10 | 4.55 | ppb |
| Silver | 107-1 | 0.19 | 0.18 | 0.16 | 0.18 | 6.86 | ppb |
| Silver | 109-1 | 0.18 | 0.16 | 0.15 | 0.16 | 8.98 | ppb |
| Sodium | 23-2 | 7619.67 | 6582.04 | 6829.13 | 7010.28 | 7.73 | ppb |
| Strontium | 86-1 | 721.08 | 754.44 | 762.83 | 746.12 | 2.96 | ppb |
| Strontium | 88-1 | 714.29 | 756.25 | 769.76 | 746.77 | 3.87 | ppb |
| Sulfur | 34-1 | 1814.12 | 2091.24 | 2026.69 | 1977.35 | 7.33 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.13 | 0.13 | 0.13 | 0.13 | 3.10 | ppb |
| Thallium | 205-1 | 0.13 | 0.14 | 0.15 | 0.14 | 6.85 | ppb |
| Tin | 118-1 | 0.89 | 1.00 | 1.00 | 0.96 | 6.67 | ppb |
| Titanium | 47-1 | 472.01 | 513.11 | 511.90 | 499.01 | 4.69 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL83 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:22:13 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.92 | 2.07 | 2.06 | 2.01 | 4.10 | ppb |
| Vanadium | 51-2 | 33.59 | 28.84 | 30.01 | 30.81 | 8.04 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 70.02 | 60.48 | 63.60 | 64.70 | 7.52 | ppb |
| Zirconium | 90-1 | 3.03 | 3.21 | 3.23 | 3.15 | 3.56 | ppb |
| Zirconium | 91-1 | 3.11 | 3.20 | 3.32 | 3.21 | 3.31 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:25:23 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17263.32 | 16928.54 | 17135.79 | 17109.22 | 0.99 | ppb |
| Antimony | 121-1 | 219.36 | 227.10 | 225.31 | 223.92 | 1.81 | ppb |
| Arsenic | 75-2 | 540.80 | 533.29 | 540.27 | 538.12 | 0.78 | ppb |
| Barium | 135-1 | 890.29 | 908.35 | 910.55 | 903.06 | 1.23 | ppb |
| Barium | 137-1 | 881.01 | 902.35 | 913.93 | 899.09 | 1.86 | ppb |
| Beryllium | 9-1 | 0.40 | 0.43 | 0.54 | 0.46 | 15.63 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 9.38 | 9.18 | 9.68 | 9.41 | 2.63 | ppb |
| Cadmium | 106-1 | 9.50 | 8.64 | 10.07 | 9.40 | 7.65 | ppb |
| Cadmium | 111-1 | 4.78 | 4.91 | 4.96 | 4.88 | 1.91 | ppb |
| Calcium | 43-1 | 44716.58 | 46114.55 | 46720.82 | 45850.65 | 2.24 | ppb |
| Calcium | 44-1 | 44408.19 | 46032.73 | 45781.39 | 45407.44 | 1.93 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 36.99 | 37.18 | 37.68 | 37.28 | 0.96 | ppb |
| Cobalt | 59-2 | 175.93 | 175.36 | 177.23 | 176.18 | 0.54 | ppb |
| Copper | 63-2 | 2069.64 | 2064.35 | 2077.60 | 2070.53 | 0.32 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 108 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 130258.53 | 130381.91 | 131144.28 | 130594.90 | 0.37 | ppb |
| Iron | 57-2 | 129784.95 | 129389.71 | 130765.12 | 129979.93 | 0.54 | ppb |
| Iron | 54-2 | 129824.04 | 131501.03 | 130842.37 | 130722.48 | 0.65 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:25:23 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1300.37 | 1335.71 | 1316.44 | 1317.51 | 1.34 | ppb |
| Lead | 207-1 | 1240.89 | 1282.63 | 1267.58 | 1263.70 | 1.67 | ppb |
| Lead | 208-1 | 1260.79 | 1302.63 | 1279.14 | 1280.86 | 1.64 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 11979.54 | 11961.59 | 11925.73 | 11955.62 | 0.23 | ppb |
| Manganese | 55-2 | 847.59 | 848.07 | 846.86 | 847.51 | 0.07 | ppb |
| Molybdenum | 94-1 | 30.49 | 31.96 | 31.90 | 31.45 | 2.65 | ppb |
| Molybdenum | 95-1 | 15.71 | 16.36 | 16.27 | 16.11 | 2.18 | ppb |
| Molybdenum | 96-1 | 18.62 | 19.07 | 18.91 | 18.87 | 1.22 | ppb |
| Molybdenum | 97-1 | 15.91 | 16.58 | 16.42 | 16.30 | 2.15 | ppb |
| Molybdenum | 98-1 | 16.04 | 16.43 | 16.41 | 16.29 | 1.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 40.37 | 40.35 | 41.07 | 40.60 | 1.01 | ppb |
| Phosphorus | 31-2 | 882.47 | 867.30 | 897.73 | 882.50 | 1.72 | ppb |
| Potassium | 39-2 | 3743.53 | 3763.81 | 3790.95 | 3766.10 | 0.63 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 1.68 | 1.81 | 2.24 | 1.91 | 15.46 | ppb |
| Selenium | 77-2 | 4.53 | 5.00 | 6.05 | 5.19 | 14.99 | ppb |
| Selenium | 78-2 | 0.65 | 1.27 | 0.84 | 0.92 | 34.45 | ppb |
| Silicon | 28-1 | 2676.96 | 2792.56 | 2783.70 | 2751.07 | 2.34 | ppb |
| Silver | 107-1 | 4.91 | 5.09 | 5.05 | 5.02 | 1.88 | ppb |
| Silver | 109-1 | 4.83 | 5.02 | 5.12 | 4.99 | 2.98 | ppb |
| Sodium | 23-2 | 13999.95 | 13922.03 | 14012.03 | 13978.00 | 0.35 | ppb |
| Strontium | 86-1 | 12309.29 | 12682.26 | 12795.65 | 12595.73 | 2.02 | ppb |
| Strontium | 88-1 | 12339.14 | 12753.91 | 12749.44 | 12614.16 | 1.89 | ppb |
| Sulfur | 34-1 | 6181.32 | 6403.73 | 6505.97 | 6363.68 | 2.61 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.21 | 0.21 | 0.21 | 0.21 | 1.97 | ppb |
| Thallium | 205-1 | 0.21 | 0.22 | 0.22 | 0.22 | 3.14 | ppb |
| Tin | 118-1 | 99.58 | 102.93 | 103.19 | 101.90 | 1.98 | ppb |
| Titanium | 47-1 | 904.24 | 954.28 | 943.73 | 934.08 | 2.82 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:25:23 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4.29 | 4.45 | 4.35 | 4.36 | 1.85 | ppb |
| Vanadium | 51-2 | 57.84 | 57.57 | 58.01 | 57.81 | 0.39 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 12986.86 | 12926.98 | 12794.08 | 12902.64 | 0.76 | ppb |
| Zirconium | 90-1 | 9.69 | 10.16 | 10.11 | 9.99 | 2.59 | ppb |
| Zirconium | 91-1 | 10.07 | 10.40 | 10.29 | 10.25 | 1.65 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:28:21 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6551.11 | 6546.55 | 6617.41 | 6571.69 | 0.60 | ppb |
| Antimony | 121-1 | 9.72 | 9.82 | 9.74 | 9.76 | 0.58 | ppb |
| Arsenic | 75-2 | 29.74 | 29.87 | 29.94 | 29.85 | 0.34 | ppb |
| Barium | 135-1 | 29.42 | 30.08 | 30.18 | 29.89 | 1.38 | ppb |
| Barium | 137-1 | 29.91 | 31.07 | 30.49 | 30.49 | 1.90 | ppb |
| Beryllium | 9-1 | 0.15 | 0.19 | 0.15 | 0.16 | 13.48 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.74 | 0.73 | 0.87 | 0.78 | 9.52 | ppb |
| Cadmium | 106-1 | 0.53 | -0.81 | 0.15 | -0.04 | | ppb |
| Cadmium | 111-1 | 0.39 | 0.31 | 0.33 | 0.35 | 11.89 | ppb |
| Calcium | 43-1 | 19572.64 | 20905.61 | 20982.67 | 20486.97 | 3.87 | ppb |
| Calcium | 44-1 | 18950.85 | 19736.43 | 19727.79 | 19471.69 | 2.32 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 23.21 | 23.01 | 22.88 | 23.03 | 0.74 | ppb |
| Cobalt | 59-2 | 8.77 | 8.69 | 8.67 | 8.71 | 0.61 | ppb |
| Copper | 63-2 | 93.97 | 93.52 | 93.53 | 93.67 | 0.27 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 14367.50 | 14347.64 | 14406.64 | 14373.93 | 0.21 | ppb |
| Iron | 57-2 | 14155.23 | 14258.20 | 14340.48 | 14251.30 | 0.65 | ppb |
| Iron | 54-2 | 14590.61 | 14500.97 | 14359.67 | 14483.75 | 0.80 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:28:21 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 53.53 | 55.64 | 55.95 | 55.04 | 2.40 | ppb |
| Lead | 207-1 | 52.26 | 54.33 | 54.24 | 53.61 | 2.19 | ppb |
| Lead | 208-1 | 52.25 | 54.43 | 54.48 | 53.72 | 2.36 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 3831.61 | 3851.99 | 3812.88 | 3832.16 | 0.51 | ppb |
| Manganese | 55-2 | 120.34 | 120.10 | 120.00 | 120.14 | 0.15 | ppb |
| Molybdenum | 94-1 | 7.22 | 7.62 | 7.57 | 7.47 | 2.87 | ppb |
| Molybdenum | 95-1 | 1.38 | 1.48 | 1.45 | 1.44 | 3.62 | ppb |
| Molybdenum | 96-1 | 2.13 | 2.26 | 2.26 | 2.22 | 3.32 | ppb |
| Molybdenum | 97-1 | 1.42 | 1.50 | 1.47 | 1.46 | 2.81 | ppb |
| Molybdenum | 98-1 | 1.40 | 1.46 | 1.47 | 1.44 | 2.54 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.46 | 18.39 | 18.61 | 18.49 | 0.61 | ppb |
| Phosphorus | 31-2 | 867.32 | 875.86 | 847.89 | 863.69 | 1.66 | ppb |
| Potassium | 39-2 | 1339.67 | 1327.86 | 1329.06 | 1332.20 | 0.49 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 0.33 | 0.17 | 0.00 | 0.17 | 99.12 | ppb |
| Selenium | 77-2 | 4.17 | 4.84 | 4.70 | 4.57 | 7.75 | ppb |
| Selenium | 78-2 | -1.24 | -0.16 | -2.02 | -1.14 | | ppb |
| Silicon | 28-1 | 1002.90 | 1067.39 | 1109.21 | 1059.83 | 5.05 | ppb |
| Silver | 107-1 | 0.29 | 0.29 | 0.28 | 0.28 | 1.80 | ppb |
| Silver | 109-1 | 0.29 | 0.27 | 0.26 | 0.28 | 6.01 | ppb |
| Sodium | 23-2 | 6126.90 | 6167.64 | 6197.61 | 6164.05 | 0.58 | ppb |
| Strontium | 86-1 | 3951.77 | 4181.00 | 4155.79 | 4096.19 | 3.07 | ppb |
| Strontium | 88-1 | 4165.31 | 4244.79 | 4257.34 | 4222.48 | 1.18 | ppb |
| Sulfur | 34-1 | 1564.74 | 1965.69 | 2061.95 | 1864.13 | 14.15 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.06 | 0.06 | 0.06 | 0.06 | 4.44 | ppb |
| Thallium | 205-1 | 0.06 | 0.06 | 0.06 | 0.06 | 2.48 | ppb |
| Tin | 118-1 | 2.53 | 2.57 | 2.56 | 2.55 | 0.88 | ppb |
| Titanium | 47-1 | 517.88 | 552.83 | 556.99 | 542.57 | 3.96 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:28:21 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.68 | 1.77 | 1.78 | 1.74 | 3.23 | ppb |
| Vanadium | 51-2 | 34.08 | 34.20 | 34.45 | 34.24 | 0.54 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 282.84 | 283.36 | 282.08 | 282.76 | 0.23 | ppb |
| Zirconium | 90-1 | 3.37 | 3.48 | 3.52 | 3.46 | 2.25 | ppb |
| Zirconium | 91-1 | 3.29 | 3.62 | 3.61 | 3.51 | 5.41 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:31:29 | DataFile Name : | 177CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 48255.48 | 48225.93 | 48481.78 | 48321.06 | 0.29 | ppb |
| Antimony | 121-1 | 484.60 | 480.96 | 489.88 | 485.14 | 0.92 | ppb |
| Arsenic | 75-2 | 471.03 | 471.45 | 473.15 | 471.87 | 0.24 | ppb |
| Barium | 135-1 | 2457.47 | 2451.14 | 2453.42 | 2454.01 | 0.13 | ppb |
| Barium | 137-1 | 2456.86 | 2446.53 | 2465.28 | 2456.22 | 0.38 | ppb |
| Beryllium | 9-1 | 479.09 | 485.17 | 478.11 | 480.79 | 0.80 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 482.51 | 479.05 | 483.77 | 481.78 | 0.51 | ppb |
| Cadmium | 106-1 | 477.89 | 480.55 | 488.53 | 482.32 | 1.15 | ppb |
| Cadmium | 111-1 | 450.47 | 450.05 | 460.00 | 453.51 | 1.24 | ppb |
| Calcium | 43-1 | 250443.92 | 256489.11 | 255305.20 | 254079.41 | 1.26 | ppb |
| Calcium | 44-1 | 247940.09 | 254506.56 | 253497.01 | 251981.22 | 1.40 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 497.71 | 500.07 | 509.38 | 502.39 | 1.23 | ppb |
| Cobalt | 59-2 | 494.29 | 491.30 | 500.03 | 495.20 | 0.90 | ppb |
| Copper | 63-2 | 4881.85 | 4872.83 | 4873.74 | 4876.14 | 0.10 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 90 | | % |
| Indium | 115-2 | | | | 83 | | % |
| Iron | 56-2 | 128085.71 | 127014.43 | 127751.78 | 127617.30 | 0.43 | ppb |
| Iron | 57-2 | 128049.29 | 126191.82 | 129786.46 | 128009.19 | 1.40 | ppb |
| Iron | 54-2 | 128118.46 | 126621.77 | 129414.77 | 128051.67 | 1.09 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:31:29 | DataFile Name : | 177CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2518.43 | 2507.41 | 2537.99 | 2521.28 | 0.61 | ppb |
| Lead | 207-1 | 2446.63 | 2446.74 | 2483.93 | 2459.10 | 0.87 | ppb |
| Lead | 208-1 | 2456.03 | 2469.49 | 2495.96 | 2473.83 | 0.82 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 230865.38 | 229878.70 | 230905.44 | 230549.84 | 0.25 | ppb |
| Manganese | 55-2 | 4906.03 | 4901.34 | 4946.20 | 4917.86 | 0.50 | ppb |
| Molybdenum | 94-1 | 4843.01 | 4896.75 | 4886.47 | 4875.41 | 0.59 | ppb |
| Molybdenum | 95-1 | 4849.01 | 4882.87 | 4864.74 | 4865.54 | 0.35 | ppb |
| Molybdenum | 96-1 | 4860.01 | 4917.38 | 4877.11 | 4884.83 | 0.60 | ppb |
| Molybdenum | 97-1 | 4855.60 | 4889.04 | 4867.89 | 4870.84 | 0.35 | ppb |
| Molybdenum | 98-1 | 4805.17 | 4843.67 | 4867.26 | 4838.70 | 0.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 471.67 | 467.59 | 469.84 | 469.70 | 0.43 | ppb |
| Phosphorus | 31-2 | 9760.99 | 9555.51 | 9520.71 | 9612.40 | 1.35 | ppb |
| Potassium | 39-2 | 121331.95 | 119652.53 | 120547.75 | 120510.74 | 0.70 | ppb |
| Rhodium | 103-1 | | | | 86 | | % |
| Rhodium | 103-2 | | | | 83 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 79 | | % |
| Selenium | 82-1 | 464.30 | 467.74 | 470.97 | 467.67 | 0.71 | ppb |
| Selenium | 77-2 | 449.89 | 455.30 | 449.96 | 451.72 | 0.69 | ppb |
| Selenium | 78-2 | 470.60 | 472.39 | 468.92 | 470.64 | 0.37 | ppb |
| Silicon | 28-1 | 211.27 | 219.34 | 219.10 | 216.57 | 2.12 | ppb |
| Silver | 107-1 | 479.39 | 479.32 | 485.37 | 481.36 | 0.72 | ppb |
| Silver | 109-1 | 477.43 | 472.33 | 477.81 | 475.86 | 0.64 | ppb |
| Sodium | 23-2 | 242159.33 | 238077.61 | 241405.28 | 240547.40 | 0.90 | ppb |
| Strontium | 86-1 | 12154.24 | 12005.44 | 12091.61 | 12083.76 | 0.62 | ppb |
| Strontium | 88-1 | 11968.73 | 12176.62 | 12239.17 | 12128.17 | 1.17 | ppb |
| Sulfur | 34-1 | 9431.30 | 9907.04 | 9818.41 | 9718.92 | 2.60 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 96 | | % |
| Thallium | 203-1 | 500.76 | 488.24 | 497.57 | 495.52 | 1.31 | ppb |
| Thallium | 205-1 | 509.32 | 492.40 | 502.00 | 501.24 | 1.69 | ppb |
| Tin | 118-1 | 487.93 | 484.38 | 496.35 | 489.55 | 1.26 | ppb |
| Titanium | 47-1 | 4763.24 | 4909.50 | 4881.88 | 4851.54 | 1.60 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:31:29 | DataFile Name : | 177CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 469.29 | 478.66 | 483.85 | 477.27 | 1.55 | ppb |
| Vanadium | 51-2 | 506.26 | 499.62 | 510.43 | 505.44 | 1.08 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 85 | | % |
| Zinc | 66-2 | 4733.73 | 4719.23 | 4820.66 | 4757.87 | 1.15 | ppb |
| Zirconium | 90-1 | 486.26 | 489.07 | 490.13 | 488.49 | 0.41 | ppb |
| Zirconium | 91-1 | 488.73 | 486.57 | 487.71 | 487.67 | 0.22 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:34:14 | DataFile Name : | 178CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2.86 | 2.31 | 2.37 | 2.51 | 12.08 | ppb |
| Antimony | 121-1 | 0.70 | 0.19 | 0.17 | 0.35 | 85.53 | ppb |
| Arsenic | 75-2 | 0.01 | 0.02 | 0.04 | 0.02 | 64.74 | ppb |
| Barium | 135-1 | 1.92 | 0.21 | 0.16 | 0.76 | 131.33 | ppb |
| Barium | 137-1 | 1.96 | 0.23 | 0.16 | 0.78 | 129.63 | ppb |
| Beryllium | 9-1 | 0.55 | 0.07 | 0.09 | 0.23 | 115.82 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.66 | 0.09 | 0.00 | 0.25 | 144.49 | ppb |
| Cadmium | 106-1 | -1.66 | -1.76 | -2.55 | -1.99 | | ppb |
| Cadmium | 111-1 | 0.23 | -0.08 | -0.14 | 0.00 | 10373.88 | ppb |
| Calcium | 43-1 | 222.89 | 28.01 | 19.22 | 90.04 | 127.86 | ppb |
| Calcium | 44-1 | 237.36 | 18.84 | 11.44 | 89.21 | 143.87 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.02 | -0.04 | 0.00 | -0.02 | | ppb |
| Cobalt | 59-2 | 0.02 | 0.02 | 0.02 | 0.02 | 1.71 | ppb |
| Copper | 63-2 | 1.43 | 1.36 | 1.40 | 1.40 | 2.43 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 90 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 83 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 8.13 | 7.48 | 6.69 | 7.43 | 9.69 | ppb |
| Iron | 57-2 | 7.58 | 7.90 | 6.88 | 7.45 | 6.99 | ppb |
| Iron | 54-2 | 8.02 | 8.36 | 7.11 | 7.83 | 8.25 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:34:14 | DataFile Name : | 178CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2.05 | 0.27 | 0.21 | 0.84 | 124.09 | ppb |
| Lead | 207-1 | 1.94 | 0.28 | 0.22 | 0.82 | 119.90 | ppb |
| Lead | 208-1 | 1.96 | 0.27 | 0.21 | 0.81 | 122.21 | ppb |
| Lithium | 6-1 | | | | 85 | | % |
| Magnesium | 24-2 | 12.50 | 11.55 | 10.51 | 11.52 | 8.62 | ppb |
| Manganese | 55-2 | 0.33 | 0.30 | 0.29 | 0.31 | 6.51 | ppb |
| Molybdenum | 94-1 | 4.51 | 0.55 | 0.42 | 1.82 | 127.49 | ppb |
| Molybdenum | 95-1 | 4.34 | 0.53 | 0.42 | 1.77 | 126.40 | ppb |
| Molybdenum | 96-1 | 4.39 | 0.57 | 0.42 | 1.79 | 125.25 | ppb |
| Molybdenum | 97-1 | 4.28 | 0.50 | 0.41 | 1.73 | 127.85 | ppb |
| Molybdenum | 98-1 | 4.29 | 0.52 | 0.37 | 1.73 | 128.30 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Phosphorus | 31-2 | -18.97 | -18.77 | -17.18 | -18.31 | | ppb |
| Potassium | 39-2 | 13.77 | 13.09 | 12.27 | 13.04 | 5.78 | ppb |
| Rhodium | 103-1 | | | | 82 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 77 | | % |
| Scandium | 45-2 | | | | 81 | | % |
| Selenium | 82-1 | -0.17 | -0.36 | -0.40 | -0.31 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | -1.58 | 0.01 | -1.71 | -1.09 | | ppb |
| Silicon | 28-1 | 19.92 | -16.88 | -17.46 | -4.81 | | ppb |
| Silver | 107-1 | 0.48 | 0.08 | 0.06 | 0.21 | 113.98 | ppb |
| Silver | 109-1 | 0.47 | 0.08 | 0.07 | 0.21 | 111.95 | ppb |
| Sodium | 23-2 | 39.18 | 37.63 | 35.59 | 37.47 | 4.80 | ppb |
| Strontium | 86-1 | 15.48 | 1.20 | 0.55 | 5.74 | 146.95 | ppb |
| Strontium | 88-1 | 12.13 | 1.34 | 0.87 | 4.78 | 133.16 | ppb |
| Sulfur | 34-1 | 2621.35 | -238.78 | -265.65 | 705.64 | 235.12 | ppb |
| Terbium | 159-1 | | | | 88 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.42 | 0.08 | 0.06 | 0.19 | 106.42 | ppb |
| Thallium | 205-1 | 0.43 | 0.07 | 0.06 | 0.19 | 110.47 | ppb |
| Tin | 118-1 | 0.51 | 0.03 | 0.02 | 0.18 | 152.38 | ppb |
| Titanium | 47-1 | 4.62 | 0.46 | 0.31 | 1.80 | 135.79 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:34:14 | DataFile Name : | 178CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.33 | 0.04 | 0.03 | 0.13 | 132.27 | ppb |
| Vanadium | 51-2 | 0.03 | 0.03 | 0.02 | 0.03 | 18.67 | ppb |
| Yttrium | 89-1 | | | | 82 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 0.47 | 0.42 | 0.40 | 0.43 | 9.45 | ppb |
| Zirconium | 90-1 | 0.49 | 0.07 | 0.05 | 0.20 | 122.33 | ppb |
| Zirconium | 91-1 | 0.48 | 0.07 | 0.07 | 0.21 | 114.76 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:37:30 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10279.78 | 10240.08 | 10133.94 | 10217.93 | 0.74 | ppb |
| Antimony | 121-1 | 82.10 | 84.75 | 84.42 | 83.76 | 1.73 | ppb |
| Arsenic | 75-2 | 274.82 | 270.79 | 268.16 | 271.25 | 1.24 | ppb |
| Barium | 135-1 | 184.06 | 189.83 | 189.24 | 187.71 | 1.69 | ppb |
| Barium | 137-1 | 187.56 | 194.17 | 192.32 | 191.35 | 1.78 | ppb |
| Beryllium | 9-1 | 0.28 | 0.29 | 0.29 | 0.29 | 0.78 | ppb |
| Bismuth | 209-1 | | | | 117 | | % |
| Bismuth | 209-2 | | | | 111 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.58 | 2.92 | 2.87 | 2.79 | 6.49 | ppb |
| Cadmium | 106-1 | 1.10 | 1.79 | 1.39 | 1.43 | 24.23 | ppb |
| Cadmium | 111-1 | 1.74 | 1.88 | 1.88 | 1.83 | 4.47 | ppb |
| Calcium | 43-1 | 20456.25 | 20845.39 | 21076.67 | 20792.77 | 1.51 | ppb |
| Calcium | 44-1 | 19607.43 | 20113.63 | 20055.24 | 19925.43 | 1.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 32.59 | 32.37 | 32.07 | 32.34 | 0.82 | ppb |
| Cobalt | 59-2 | 50.15 | 49.82 | 49.72 | 49.90 | 0.45 | ppb |
| Copper | 63-2 | 1654.96 | 1619.75 | 1621.06 | 1631.92 | 1.22 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 45541.53 | 45216.60 | 44713.22 | 45157.12 | 0.92 | ppb |
| Iron | 57-2 | 45409.80 | 44523.30 | 44454.60 | 44795.90 | 1.19 | ppb |
| Iron | 54-2 | 45584.88 | 44921.68 | 44630.67 | 45045.74 | 1.09 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:37:30 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 515.69 | 525.16 | 523.42 | 521.42 | 0.97 | ppb |
| Lead | 207-1 | 500.85 | 512.67 | 510.53 | 508.01 | 1.24 | ppb |
| Lead | 208-1 | 505.28 | 514.74 | 515.82 | 511.95 | 1.13 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 6335.85 | 6229.54 | 6254.92 | 6273.44 | 0.88 | ppb |
| Manganese | 55-2 | 291.01 | 288.69 | 285.24 | 288.31 | 1.01 | ppb |
| Molybdenum | 94-1 | 14.51 | 15.28 | 15.21 | 15.00 | 2.84 | ppb |
| Molybdenum | 95-1 | 11.97 | 12.34 | 12.31 | 12.20 | 1.69 | ppb |
| Molybdenum | 96-1 | 12.69 | 13.08 | 12.98 | 12.92 | 1.58 | ppb |
| Molybdenum | 97-1 | 11.94 | 12.61 | 12.44 | 12.33 | 2.82 | ppb |
| Molybdenum | 98-1 | 12.02 | 12.57 | 12.46 | 12.35 | 2.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 26.78 | 26.36 | 26.32 | 26.49 | 0.97 | ppb |
| Phosphorus | 31-2 | 725.90 | 696.85 | 727.19 | 716.64 | 2.39 | ppb |
| Potassium | 39-2 | 2714.57 | 2662.90 | 2686.95 | 2688.14 | 0.96 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 1.19 | 1.36 | 1.16 | 1.24 | 8.87 | ppb |
| Selenium | 77-2 | 4.27 | 3.12 | 4.69 | 4.02 | 20.22 | ppb |
| Selenium | 78-2 | -0.18 | -0.89 | 0.21 | -0.29 | | ppb |
| Silicon | 28-1 | 1761.42 | 1812.78 | 1818.93 | 1797.71 | 1.76 | ppb |
| Silver | 107-1 | 4.81 | 5.01 | 4.96 | 4.93 | 2.12 | ppb |
| Silver | 109-1 | 4.86 | 4.96 | 4.95 | 4.92 | 1.08 | ppb |
| Sodium | 23-2 | 13873.56 | 13651.22 | 13813.51 | 13779.43 | 0.83 | ppb |
| Strontium | 86-1 | 4125.84 | 4279.55 | 4220.01 | 4208.47 | 1.84 | ppb |
| Strontium | 88-1 | 4319.00 | 4439.12 | 4348.08 | 4368.73 | 1.43 | ppb |
| Sulfur | 34-1 | 7577.45 | 7690.95 | 7771.97 | 7680.12 | 1.27 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.29 | 0.30 | 0.27 | 0.28 | 5.89 | ppb |
| Thallium | 205-1 | 0.29 | 0.29 | 0.28 | 0.29 | 3.30 | ppb |
| Tin | 118-1 | 42.54 | 43.79 | 43.84 | 43.39 | 1.69 | ppb |
| Titanium | 47-1 | 441.44 | 449.08 | 458.57 | 449.70 | 1.91 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:37:30 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.98 | 3.01 | 2.98 | 2.99 | 0.50 | ppb |
| Vanadium | 51-2 | 42.28 | 41.59 | 41.23 | 41.70 | 1.28 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 2646.16 | 2587.54 | 2549.09 | 2594.26 | 1.88 | ppb |
| Zirconium | 90-1 | 2.61 | 2.71 | 2.73 | 2.68 | 2.52 | ppb |
| Zirconium | 91-1 | 2.79 | 2.92 | 2.76 | 2.82 | 2.95 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:40:35 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14358.48 | 14382.54 | 14579.42 | 14440.15 | 0.84 | ppb |
| Antimony | 121-1 | 97.04 | 96.73 | 97.88 | 97.22 | 0.61 | ppb |
| Arsenic | 75-2 | 328.95 | 322.11 | 322.68 | 324.58 | 1.17 | ppb |
| Barium | 135-1 | 247.13 | 248.15 | 247.28 | 247.52 | 0.22 | ppb |
| Barium | 137-1 | 253.17 | 251.38 | 252.62 | 252.39 | 0.36 | ppb |
| Beryllium | 9-1 | 0.40 | 0.43 | 0.40 | 0.41 | 4.48 | ppb |
| Bismuth | 209-1 | | | | 116 | | % |
| Bismuth | 209-2 | | | | 111 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.88 | 3.94 | 4.41 | 4.08 | 7.15 | ppb |
| Cadmium | 106-1 | 2.52 | 2.44 | 2.44 | 2.47 | 1.82 | ppb |
| Cadmium | 111-1 | 2.56 | 2.46 | 2.53 | 2.51 | 2.13 | ppb |
| Calcium | 43-1 | 14005.71 | 14355.69 | 14193.09 | 14184.83 | 1.23 | ppb |
| Calcium | 44-1 | 13461.48 | 13687.48 | 13684.61 | 13611.19 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.67 | 43.64 | 43.77 | 43.69 | 0.16 | ppb |
| Cobalt | 59-2 | 66.32 | 66.16 | 66.27 | 66.25 | 0.12 | ppb |
| Copper | 63-2 | 2000.43 | 2031.85 | 2009.18 | 2013.82 | 0.81 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 58655.48 | 58708.15 | 58507.61 | 58623.74 | 0.18 | ppb |
| Iron | 57-2 | 58242.77 | 58472.56 | 58684.39 | 58466.57 | 0.38 | ppb |
| Iron | 54-2 | 58410.92 | 59236.19 | 58728.47 | 58791.86 | 0.71 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:40:35 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 692.51 | 682.75 | 702.71 | 692.66 | 1.44 | ppb |
| Lead | 207-1 | 682.21 | 665.84 | 678.30 | 675.45 | 1.27 | ppb |
| Lead | 208-1 | 680.63 | 671.40 | 685.28 | 679.10 | 1.04 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 8303.40 | 8290.91 | 8401.23 | 8331.84 | 0.73 | ppb |
| Manganese | 55-2 | 381.71 | 380.03 | 384.25 | 382.00 | 0.56 | ppb |
| Molybdenum | 94-1 | 20.09 | 20.18 | 20.46 | 20.24 | 0.95 | ppb |
| Molybdenum | 95-1 | 15.82 | 15.85 | 16.15 | 15.94 | 1.17 | ppb |
| Molybdenum | 96-1 | 16.92 | 16.85 | 16.95 | 16.91 | 0.30 | ppb |
| Molybdenum | 97-1 | 16.17 | 16.10 | 16.07 | 16.11 | 0.31 | ppb |
| Molybdenum | 98-1 | 15.98 | 16.01 | 16.22 | 16.07 | 0.81 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 37.95 | 37.32 | 38.14 | 37.80 | 1.14 | ppb |
| Phosphorus | 31-2 | 930.89 | 937.11 | 936.71 | 934.90 | 0.37 | ppb |
| Potassium | 39-2 | 3611.49 | 3533.53 | 3566.20 | 3570.41 | 1.10 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 1.49 | 1.68 | 1.49 | 1.55 | 6.94 | ppb |
| Selenium | 77-2 | 7.07 | 7.18 | 5.88 | 6.71 | 10.73 | ppb |
| Selenium | 78-2 | 1.05 | -0.03 | -0.45 | 0.19 | 412.45 | ppb |
| Silicon | 28-1 | 2496.31 | 2601.10 | 2542.17 | 2546.53 | 2.06 | ppb |
| Silver | 107-1 | 6.23 | 6.22 | 6.29 | 6.25 | 0.62 | ppb |
| Silver | 109-1 | 6.16 | 6.13 | 6.14 | 6.14 | 0.28 | ppb |
| Sodium | 23-2 | 17010.52 | 17081.70 | 17028.92 | 17040.38 | 0.22 | ppb |
| Strontium | 86-1 | 3727.75 | 3731.96 | 3769.11 | 3742.94 | 0.61 | ppb |
| Strontium | 88-1 | 3852.60 | 3820.48 | 3922.95 | 3865.35 | 1.36 | ppb |
| Sulfur | 34-1 | 9034.76 | 9194.12 | 8864.89 | 9031.26 | 1.82 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.32 | 0.32 | 0.33 | 0.32 | 1.82 | ppb |
| Thallium | 205-1 | 0.31 | 0.30 | 0.32 | 0.31 | 2.55 | ppb |
| Tin | 118-1 | 56.67 | 56.33 | 56.72 | 56.57 | 0.38 | ppb |
| Titanium | 47-1 | 603.10 | 617.72 | 614.85 | 611.89 | 1.27 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:40:35 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.92 | 3.91 | 3.89 | 3.91 | 0.30 | ppb |
| Vanadium | 51-2 | 57.95 | 58.66 | 58.34 | 58.32 | 0.62 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 3324.18 | 3340.21 | 3343.97 | 3336.12 | 0.31 | ppb |
| Zirconium | 90-1 | 3.91 | 3.92 | 3.96 | 3.93 | 0.68 | ppb |
| Zirconium | 91-1 | 4.02 | 4.06 | 4.09 | 4.06 | 0.87 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:43:39 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11605.87 | 11553.84 | 11719.18 | 11626.30 | 0.73 | ppb |
| Antimony | 121-1 | 143.39 | 142.18 | 141.44 | 142.34 | 0.69 | ppb |
| Arsenic | 75-2 | 363.31 | 359.57 | 369.80 | 364.22 | 1.42 | ppb |
| Barium | 135-1 | 297.91 | 301.54 | 297.92 | 299.12 | 0.70 | ppb |
| Barium | 137-1 | 316.19 | 324.45 | 319.30 | 319.98 | 1.30 | ppb |
| Beryllium | 9-1 | 0.35 | 0.34 | 0.29 | 0.33 | 11.24 | ppb |
| Bismuth | 209-1 | | | | 118 | | % |
| Bismuth | 209-2 | | | | 112 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.98 | 4.77 | 5.41 | 5.06 | 6.46 | ppb |
| Cadmium | 106-1 | 4.32 | 4.00 | 3.71 | 4.01 | 7.67 | ppb |
| Cadmium | 111-1 | 3.33 | 3.16 | 3.07 | 3.19 | 4.01 | ppb |
| Calcium | 43-1 | 75865.57 | 77827.94 | 77930.31 | 77207.94 | 1.51 | ppb |
| Calcium | 44-1 | 75545.59 | 76135.04 | 77500.72 | 76393.78 | 1.31 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 34.65 | 34.02 | 34.98 | 34.55 | 1.42 | ppb |
| Cobalt | 59-2 | 76.60 | 74.40 | 76.26 | 75.75 | 1.56 | ppb |
| Copper | 63-2 | 2050.66 | 2011.59 | 2064.59 | 2042.28 | 1.35 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 58635.67 | 57274.52 | 58831.69 | 58247.29 | 1.46 | ppb |
| Iron | 57-2 | 58036.41 | 57375.40 | 57888.83 | 57766.88 | 0.60 | ppb |
| Iron | 54-2 | 58313.56 | 56807.29 | 57998.34 | 57706.40 | 1.38 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:43:39 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 779.99 | 774.67 | 795.71 | 783.46 | 1.40 | ppb |
| Lead | 207-1 | 761.60 | 760.80 | 775.15 | 765.85 | 1.05 | ppb |
| Lead | 208-1 | 765.28 | 762.20 | 775.29 | 767.59 | 0.89 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 7362.72 | 7161.67 | 7152.59 | 7225.66 | 1.64 | ppb |
| Manganese | 55-2 | 398.43 | 392.77 | 388.62 | 393.27 | 1.25 | ppb |
| Molybdenum | 94-1 | 20.93 | 21.55 | 21.16 | 21.22 | 1.47 | ppb |
| Molybdenum | 95-1 | 13.08 | 13.41 | 13.31 | 13.26 | 1.26 | ppb |
| Molybdenum | 96-1 | 14.50 | 14.76 | 14.67 | 14.64 | 0.89 | ppb |
| Molybdenum | 97-1 | 13.34 | 13.59 | 13.58 | 13.50 | 1.05 | ppb |
| Molybdenum | 98-1 | 13.18 | 13.62 | 13.51 | 13.43 | 1.71 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 32.16 | 31.62 | 32.20 | 31.99 | 1.02 | ppb |
| Phosphorus | 31-2 | 896.13 | 878.06 | 886.13 | 886.77 | 1.02 | ppb |
| Potassium | 39-2 | 3090.50 | 2997.92 | 3106.43 | 3064.95 | 1.91 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 1.25 | 1.63 | 1.79 | 1.56 | 18.03 | ppb |
| Selenium | 77-2 | 5.10 | 6.36 | 6.99 | 6.15 | 15.67 | ppb |
| Selenium | 78-2 | -0.27 | 0.83 | -0.38 | 0.06 | 1133.38 | ppb |
| Silicon | 28-1 | 1764.15 | 1764.34 | 1791.86 | 1773.45 | 0.90 | ppb |
| Silver | 107-1 | 5.41 | 5.37 | 5.34 | 5.37 | 0.67 | ppb |
| Silver | 109-1 | 5.34 | 5.33 | 5.32 | 5.33 | 0.20 | ppb |
| Sodium | 23-2 | 13894.22 | 13618.93 | 13861.80 | 13791.65 | 1.09 | ppb |
| Strontium | 86-1 | 17907.18 | 18062.12 | 18144.90 | 18038.07 | 0.67 | ppb |
| Strontium | 88-1 | 18009.82 | 18100.93 | 18104.43 | 18071.72 | 0.30 | ppb |
| Sulfur | 34-1 | 7584.64 | 7822.40 | 8019.30 | 7808.78 | 2.79 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.28 | 0.30 | 0.31 | 0.30 | 3.58 | ppb |
| Thallium | 205-1 | 0.29 | 0.30 | 0.29 | 0.29 | 0.34 | ppb |
| Tin | 118-1 | 57.67 | 58.68 | 57.13 | 57.83 | 1.37 | ppb |
| Titanium | 47-1 | 567.29 | 575.10 | 575.50 | 572.63 | 0.81 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:43:39 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.70 | 3.68 | 3.80 | 3.73 | 1.76 | ppb |
| Vanadium | 51-2 | 48.84 | 47.78 | 48.41 | 48.34 | 1.10 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 4721.70 | 4678.46 | 4765.34 | 4721.83 | 0.92 | ppb |
| Zirconium | 90-1 | 5.49 | 5.66 | 5.55 | 5.57 | 1.54 | ppb |
| Zirconium | 91-1 | 5.56 | 5.90 | 5.65 | 5.70 | 3.15 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKQ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:46:42 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14736.24 | 14596.68 | 14515.72 | 14616.21 | 0.76 | ppb |
| Antimony | 121-1 | 57.66 | 62.28 | 62.69 | 60.88 | 4.59 | ppb |
| Arsenic | 75-2 | 287.89 | 290.23 | 287.10 | 288.40 | 0.56 | ppb |
| Barium | 135-1 | 99.67 | 107.65 | 109.77 | 105.69 | 5.04 | ppb |
| Barium | 137-1 | 102.56 | 109.72 | 110.73 | 107.67 | 4.14 | ppb |
| Beryllium | 9-1 | 0.22 | 0.28 | 0.25 | 0.25 | 12.32 | ppb |
| Bismuth | 209-1 | | | | 120 | | % |
| Bismuth | 209-2 | | | | 112 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.03 | 2.48 | 2.28 | 2.26 | 9.92 | ppb |
| Cadmium | 106-1 | 1.06 | 0.69 | 1.02 | 0.92 | 21.96 | ppb |
| Cadmium | 111-1 | 1.57 | 1.61 | 1.76 | 1.65 | 6.27 | ppb |
| Calcium | 43-1 | 9680.05 | 10443.06 | 10394.84 | 10172.65 | 4.20 | ppb |
| Calcium | 44-1 | 9272.24 | 9847.88 | 9950.93 | 9690.35 | 3.77 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 35.68 | 35.65 | 35.20 | 35.51 | 0.76 | ppb |
| Cobalt | 59-2 | 30.72 | 31.13 | 30.66 | 30.84 | 0.83 | ppb |
| Copper | 63-2 | 3212.38 | 3186.45 | 3173.97 | 3190.93 | 0.61 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 112 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 34564.80 | 34365.56 | 34144.74 | 34358.36 | 0.61 | ppb |
| Iron | 57-2 | 34073.99 | 34363.89 | 34018.32 | 34152.07 | 0.54 | ppb |
| Iron | 54-2 | 34501.91 | 34616.59 | 34128.39 | 34415.63 | 0.74 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKQ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:46:42 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 444.84 | 475.76 | 473.75 | 464.78 | 3.72 | ppb |
| Lead | 207-1 | 434.82 | 462.76 | 470.46 | 456.01 | 4.11 | ppb |
| Lead | 208-1 | 435.26 | 467.86 | 466.01 | 456.38 | 4.01 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 6931.96 | 6882.80 | 6769.98 | 6861.58 | 1.21 | ppb |
| Manganese | 55-2 | 232.95 | 235.79 | 231.49 | 233.41 | 0.94 | ppb |
| Molybdenum | 94-1 | 10.34 | 11.30 | 11.24 | 10.96 | 4.91 | ppb |
| Molybdenum | 95-1 | 6.64 | 7.33 | 7.24 | 7.07 | 5.33 | ppb |
| Molybdenum | 96-1 | 7.28 | 8.18 | 7.87 | 7.78 | 5.88 | ppb |
| Molybdenum | 97-1 | 6.68 | 7.35 | 7.25 | 7.10 | 5.13 | ppb |
| Molybdenum | 98-1 | 6.71 | 7.35 | 7.25 | 7.10 | 4.85 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 30.07 | 30.14 | 30.64 | 30.28 | 1.03 | ppb |
| Phosphorus | 31-2 | 972.45 | 1005.52 | 975.29 | 984.42 | 1.86 | ppb |
| Potassium | 39-2 | 2441.08 | 2432.05 | 2429.99 | 2434.37 | 0.24 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 1.25 | 1.53 | 1.59 | 1.46 | 12.38 | ppb |
| Selenium | 77-2 | 4.98 | 4.23 | 4.37 | 4.53 | 8.78 | ppb |
| Selenium | 78-2 | 1.19 | 0.85 | 1.65 | 1.23 | 32.72 | ppb |
| Silicon | 28-1 | 1399.82 | 1509.60 | 1502.08 | 1470.50 | 4.17 | ppb |
| Silver | 107-1 | 6.99 | 7.45 | 7.58 | 7.34 | 4.20 | ppb |
| Silver | 109-1 | 6.83 | 7.31 | 7.37 | 7.17 | 4.11 | ppb |
| Sodium | 23-2 | 18019.75 | 17911.86 | 17718.96 | 17883.52 | 0.85 | ppb |
| Strontium | 86-1 | 2014.50 | 2204.32 | 2150.30 | 2123.04 | 4.61 | ppb |
| Strontium | 88-1 | 2091.41 | 2275.02 | 2237.97 | 2201.47 | 4.41 | ppb |
| Sulfur | 34-1 | 12333.96 | 13431.63 | 13366.92 | 13044.17 | 4.72 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.36 | 0.39 | 0.39 | 0.38 | 3.92 | ppb |
| Thallium | 205-1 | 0.36 | 0.38 | 0.39 | 0.38 | 3.80 | ppb |
| Tin | 118-1 | 35.18 | 37.58 | 38.13 | 36.96 | 4.24 | ppb |
| Titanium | 47-1 | 381.76 | 412.92 | 411.71 | 402.13 | 4.39 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKQ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:46:42 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.19 | 1.24 | 1.26 | 1.23 | 2.82 | ppb |
| Vanadium | 51-2 | 41.08 | 40.99 | 40.28 | 40.79 | 1.08 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 1321.22 | 1329.68 | 1311.82 | 1320.91 | 0.68 | ppb |
| Zirconium | 90-1 | 2.67 | 2.92 | 2.89 | 2.83 | 4.93 | ppb |
| Zirconium | 91-1 | 2.71 | 2.98 | 2.95 | 2.88 | 5.12 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKT0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:49:49 | DataFile Name : | 183SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8068.85 | 8140.62 | 7998.15 | 8069.21 | 0.88 | ppb |
| Antimony | 121-1 | 30.11 | 32.24 | 32.91 | 31.75 | 4.60 | ppb |
| Arsenic | 75-2 | 118.68 | 119.96 | 119.36 | 119.33 | 0.53 | ppb |
| Barium | 135-1 | 41.04 | 44.00 | 45.10 | 43.38 | 4.83 | ppb |
| Barium | 137-1 | 42.01 | 44.45 | 46.05 | 44.17 | 4.60 | ppb |
| Beryllium | 9-1 | 0.26 | 0.24 | 0.21 | 0.24 | 11.29 | ppb |
| Bismuth | 209-1 | | | | 119 | | % |
| Bismuth | 209-2 | | | | 112 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.02 | 1.25 | 1.08 | 1.11 | 11.06 | ppb |
| Cadmium | 106-1 | -0.04 | -0.59 | -0.57 | -0.40 | | ppb |
| Cadmium | 111-1 | 0.81 | 0.84 | 0.85 | 0.83 | 2.87 | ppb |
| Calcium | 43-1 | 5048.04 | 5489.28 | 5483.28 | 5340.20 | 4.74 | ppb |
| Calcium | 44-1 | 4865.58 | 5238.21 | 5212.28 | 5105.35 | 4.08 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30.37 | 30.34 | 30.07 | 30.26 | 0.54 | ppb |
| Cobalt | 59-2 | 12.04 | 12.09 | 11.84 | 11.99 | 1.14 | ppb |
| Copper | 63-2 | 1123.62 | 1133.24 | 1117.68 | 1124.85 | 0.70 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 112 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 21124.71 | 21122.59 | 21115.29 | 21120.86 | 0.02 | ppb |
| Iron | 57-2 | 21137.47 | 21180.56 | 20868.52 | 21062.19 | 0.80 | ppb |
| Iron | 54-2 | 21121.00 | 21306.99 | 20698.78 | 21042.26 | 1.48 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKT0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:49:49 | DataFile Name : | 183SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 174.48 | 191.98 | 191.88 | 186.11 | 5.41 | ppb |
| Lead | 207-1 | 155.19 | 167.64 | 170.97 | 164.60 | 5.05 | ppb |
| Lead | 208-1 | 169.83 | 183.52 | 185.46 | 179.60 | 4.74 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 4816.93 | 4833.44 | 4752.46 | 4800.94 | 0.89 | ppb |
| Manganese | 55-2 | 150.71 | 152.52 | 148.95 | 150.73 | 1.18 | ppb |
| Molybdenum | 94-1 | 7.76 | 8.24 | 8.25 | 8.08 | 3.49 | ppb |
| Molybdenum | 95-1 | 4.73 | 5.07 | 5.10 | 4.97 | 4.16 | ppb |
| Molybdenum | 96-1 | 5.32 | 5.64 | 5.63 | 5.53 | 3.32 | ppb |
| Molybdenum | 97-1 | 4.89 | 5.32 | 5.16 | 5.13 | 4.19 | ppb |
| Molybdenum | 98-1 | 4.79 | 5.16 | 5.18 | 5.04 | 4.28 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 24.46 | 24.87 | 24.49 | 24.61 | 0.94 | ppb |
| Phosphorus | 31-2 | 704.66 | 705.80 | 698.52 | 703.00 | 0.56 | ppb |
| Potassium | 39-2 | 1543.92 | 1555.91 | 1530.97 | 1543.60 | 0.81 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.61 | 0.60 | 0.39 | 0.53 | 23.34 | ppb |
| Selenium | 77-2 | 4.23 | 3.46 | 2.12 | 3.27 | 32.57 | ppb |
| Selenium | 78-2 | 1.44 | -0.32 | -0.53 | 0.20 | 542.87 | ppb |
| Silicon | 28-1 | 835.33 | 913.97 | 921.69 | 890.33 | 5.37 | ppb |
| Silver | 107-1 | 3.08 | 3.28 | 3.39 | 3.25 | 4.93 | ppb |
| Silver | 109-1 | 3.07 | 3.26 | 3.32 | 3.22 | 4.16 | ppb |
| Sodium | 23-2 | 9152.20 | 9124.89 | 9017.28 | 9098.12 | 0.78 | ppb |
| Strontium | 86-1 | 1060.09 | 1139.13 | 1139.76 | 1112.99 | 4.12 | ppb |
| Strontium | 88-1 | 1099.07 | 1164.62 | 1180.62 | 1148.10 | 3.76 | ppb |
| Sulfur | 34-1 | 6520.09 | 7384.98 | 7311.82 | 7072.30 | 6.78 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.20 | 0.24 | 0.24 | 0.22 | 11.17 | ppb |
| Thallium | 205-1 | 0.22 | 0.24 | 0.23 | 0.23 | 3.83 | ppb |
| Tin | 118-1 | 14.45 | 15.42 | 15.73 | 15.20 | 4.40 | ppb |
| Titanium | 47-1 | 370.37 | 402.65 | 399.41 | 390.81 | 4.55 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKT0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:49:49 | DataFile Name : | 183SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.13 | 1.19 | 1.23 | 1.18 | 4.55 | ppb |
| Vanadium | 51-2 | 35.27 | 36.02 | 34.79 | 35.36 | 1.75 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 463.92 | 471.30 | 460.82 | 465.35 | 1.16 | ppb |
| Zirconium | 90-1 | 2.04 | 2.19 | 2.20 | 2.14 | 4.02 | ppb |
| Zirconium | 91-1 | 2.12 | 2.26 | 2.24 | 2.20 | 3.46 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:52:59 | DataFile Name : | 184SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9254.80 | 9061.35 | 9177.33 | 9164.50 | 1.06 | ppb |
| Antimony | 121-1 | 45.28 | 45.27 | 45.88 | 45.48 | 0.77 | ppb |
| Arsenic | 75-2 | 164.74 | 163.23 | 164.42 | 164.13 | 0.49 | ppb |
| Barium | 135-1 | 106.80 | 106.45 | 107.50 | 106.92 | 0.50 | ppb |
| Barium | 137-1 | 108.36 | 108.83 | 109.34 | 108.84 | 0.45 | ppb |
| Beryllium | 9-1 | 0.22 | 0.27 | 0.30 | 0.27 | 15.17 | ppb |
| Bismuth | 209-1 | | | | 116 | | % |
| Bismuth | 209-2 | | | | 111 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.81 | 2.50 | 2.56 | 2.62 | 6.25 | ppb |
| Cadmium | 106-1 | 1.56 | 1.51 | 1.16 | 1.41 | 15.35 | ppb |
| Cadmium | 111-1 | 1.83 | 1.81 | 1.85 | 1.83 | 1.03 | ppb |
| Calcium | 43-1 | 88397.56 | 89705.18 | 88665.94 | 88922.89 | 0.78 | ppb |
| Calcium | 44-1 | 87279.54 | 88884.60 | 88998.50 | 88387.55 | 1.09 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30.25 | 29.88 | 30.02 | 30.05 | 0.62 | ppb |
| Cobalt | 59-2 | 37.88 | 37.16 | 37.48 | 37.51 | 0.95 | ppb |
| Copper | 63-2 | 1252.02 | 1232.03 | 1222.79 | 1235.61 | 1.21 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 30938.26 | 30586.72 | 30754.97 | 30759.98 | 0.57 | ppb |
| Iron | 57-2 | 30789.36 | 30899.30 | 30705.66 | 30798.10 | 0.32 | ppb |
| Iron | 54-2 | 30884.19 | 30663.54 | 30386.35 | 30644.69 | 0.81 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:52:59 | DataFile Name : | 184SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 335.80 | 339.76 | 341.09 | 338.88 | 0.81 | ppb |
| Lead | 207-1 | 333.05 | 334.09 | 333.65 | 333.60 | 0.16 | ppb |
| Lead | 208-1 | 331.16 | 333.00 | 336.64 | 333.60 | 0.84 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 5994.13 | 6064.12 | 6102.42 | 6053.56 | 0.91 | ppb |
| Manganese | 55-2 | 217.94 | 215.38 | 214.16 | 215.83 | 0.89 | ppb |
| Molybdenum | 94-1 | 11.05 | 10.92 | 11.09 | 11.02 | 0.81 | ppb |
| Molybdenum | 95-1 | 6.68 | 6.82 | 6.85 | 6.78 | 1.29 | ppb |
| Molybdenum | 96-1 | 7.62 | 7.39 | 7.54 | 7.52 | 1.55 | ppb |
| Molybdenum | 97-1 | 6.87 | 6.77 | 6.97 | 6.87 | 1.45 | ppb |
| Molybdenum | 98-1 | 7.03 | 6.86 | 6.96 | 6.95 | 1.28 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 22.90 | 23.03 | 22.92 | 22.95 | 0.30 | ppb |
| Phosphorus | 31-2 | 827.54 | 829.57 | 813.28 | 823.46 | 1.08 | ppb |
| Potassium | 39-2 | 2233.61 | 2192.67 | 2153.78 | 2193.35 | 1.82 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 1.04 | 0.80 | 0.95 | 0.93 | 13.05 | ppb |
| Selenium | 77-2 | 4.77 | 3.94 | 4.40 | 4.37 | 9.58 | ppb |
| Selenium | 78-2 | 0.59 | -0.19 | -0.03 | 0.12 | 336.21 | ppb |
| Silicon | 28-1 | 1246.20 | 1258.46 | 1331.21 | 1278.63 | 3.59 | ppb |
| Silver | 107-1 | 3.57 | 3.54 | 3.59 | 3.56 | 0.68 | ppb |
| Silver | 109-1 | 3.49 | 3.49 | 3.57 | 3.52 | 1.40 | ppb |
| Sodium | 23-2 | 14332.84 | 14414.33 | 14412.97 | 14386.72 | 0.32 | ppb |
| Strontium | 86-1 | 20754.09 | 20794.13 | 21153.99 | 20900.74 | 1.05 | ppb |
| Strontium | 88-1 | 20909.56 | 20754.09 | 20806.78 | 20823.48 | 0.38 | ppb |
| Sulfur | 34-1 | 7129.86 | 7506.04 | 7433.41 | 7356.44 | 2.71 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.28 | 0.27 | 0.28 | 0.28 | 1.86 | ppb |
| Thallium | 205-1 | 0.28 | 0.28 | 0.30 | 0.29 | 2.92 | ppb |
| Tin | 118-1 | 17.39 | 17.27 | 17.48 | 17.38 | 0.61 | ppb |
| Titanium | 47-1 | 367.95 | 377.47 | 377.70 | 374.37 | 1.49 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:52:59 | DataFile Name : | 184SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.61 | 2.66 | 2.75 | 2.67 | 2.55 | ppb |
| Vanadium | 51-2 | 39.34 | 39.12 | 38.97 | 39.14 | 0.48 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 1605.09 | 1641.53 | 1583.57 | 1610.06 | 1.82 | ppb |
| Zirconium | 90-1 | 2.95 | 2.93 | 2.99 | 2.96 | 0.95 | ppb |
| Zirconium | 91-1 | 2.99 | 3.02 | 3.03 | 3.02 | 0.64 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:56:03 | DataFile Name : | 185SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5852.93 | 5929.57 | 5832.52 | 5871.67 | 0.87 | ppb |
| Antimony | 121-1 | 18.81 | 19.06 | 19.15 | 19.00 | 0.94 | ppb |
| Arsenic | 75-2 | 67.27 | 66.81 | 70.81 | 68.30 | 3.20 | ppb |
| Barium | 135-1 | 44.76 | 44.83 | 44.99 | 44.86 | 0.27 | ppb |
| Barium | 137-1 | 45.04 | 46.06 | 46.32 | 45.81 | 1.47 | ppb |
| Beryllium | 9-1 | 0.17 | 0.11 | 0.13 | 0.14 | 20.10 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.38 | 1.44 | 1.39 | 1.40 | 2.22 | ppb |
| Cadmium | 106-1 | -0.60 | -0.20 | -0.52 | -0.44 | | ppb |
| Cadmium | 111-1 | 0.87 | 0.98 | 0.96 | 0.94 | 6.53 | ppb |
| Calcium | 43-1 | 236670.13 | 245338.11 | 246831.66 | 242946.63 | 2.26 | ppb |
| Calcium | 44-1 | 237725.78 | 243606.56 | 244613.24 | 241981.86 | 1.54 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19.56 | 19.24 | 19.22 | 19.34 | 0.99 | ppb |
| Cobalt | 59-2 | 16.50 | 16.34 | 16.38 | 16.41 | 0.48 | ppb |
| Copper | 63-2 | 388.20 | 380.90 | 381.34 | 383.48 | 1.07 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 16533.23 | 16637.98 | 16476.32 | 16549.18 | 0.50 | ppb |
| Iron | 57-2 | 17688.66 | 17557.16 | 17598.19 | 17614.67 | 0.38 | ppb |
| Iron | 54-2 | 16679.70 | 16783.37 | 16575.82 | 16679.63 | 0.62 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:56:03 | DataFile Name : | 185SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 113.71 | 115.20 | 115.31 | 114.74 | 0.78 | ppb |
| Lead | 207-1 | 110.76 | 112.42 | 110.16 | 111.11 | 1.05 | ppb |
| Lead | 208-1 | 118.02 | 118.75 | 117.57 | 118.12 | 0.50 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 4177.17 | 4139.58 | 4149.59 | 4155.45 | 0.47 | ppb |
| Manganese | 55-2 | 147.40 | 146.72 | 146.34 | 146.82 | 0.37 | ppb |
| Molybdenum | 94-1 | 6.49 | 6.46 | 6.47 | 6.47 | 0.28 | ppb |
| Molybdenum | 95-1 | 2.82 | 2.83 | 2.79 | 2.82 | 0.69 | ppb |
| Molybdenum | 96-1 | 3.36 | 3.36 | 3.36 | 3.36 | 0.12 | ppb |
| Molybdenum | 97-1 | 2.89 | 2.85 | 2.82 | 2.85 | 1.25 | ppb |
| Molybdenum | 98-1 | 2.88 | 2.92 | 2.84 | 2.88 | 1.34 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.61 | 18.50 | 18.34 | 18.48 | 0.74 | ppb |
| Phosphorus | 31-2 | 631.07 | 606.19 | 626.93 | 621.40 | 2.15 | ppb |
| Potassium | 39-2 | 1349.70 | 1340.21 | 1339.32 | 1343.08 | 0.43 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.86 | 1.09 | 1.24 | 1.06 | 17.90 | ppb |
| Selenium | 77-2 | 1.49 | 4.62 | 3.07 | 3.06 | 51.07 | ppb |
| Selenium | 78-2 | -1.14 | 0.26 | 0.13 | -0.25 | | ppb |
| Silicon | 28-1 | 1139.62 | 1175.51 | 1185.53 | 1166.89 | 2.07 | ppb |
| Silver | 107-1 | 1.08 | 1.05 | 1.06 | 1.07 | 1.51 | ppb |
| Silver | 109-1 | 1.08 | 1.03 | 1.04 | 1.05 | 2.56 | ppb |
| Sodium | 23-2 | 8182.50 | 8266.16 | 8095.68 | 8181.45 | 1.04 | ppb |
| Strontium | 86-1 | 27254.93 | 27773.26 | 27594.02 | 27540.73 | 0.96 | ppb |
| Strontium | 88-1 | 27035.17 | 27641.26 | 27521.71 | 27399.38 | 1.17 | ppb |
| Sulfur | 34-1 | 4438.99 | 4598.72 | 4691.87 | 4576.53 | 2.79 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.23 | 0.24 | 0.24 | 0.24 | 2.53 | ppb |
| Thallium | 205-1 | 0.24 | 0.24 | 0.24 | 0.24 | 2.24 | ppb |
| Tin | 118-1 | 7.00 | 7.02 | 7.01 | 7.01 | 0.16 | ppb |
| Titanium | 47-1 | 324.96 | 336.02 | 333.19 | 331.39 | 1.73 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:56:03 | DataFile Name : | 185SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.81 | 1.86 | 1.85 | 1.84 | 1.26 | ppb |
| Vanadium | 51-2 | 27.23 | 27.12 | 27.16 | 27.17 | 0.21 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 543.30 | 545.43 | 545.72 | 544.82 | 0.24 | ppb |
| Zirconium | 90-1 | 2.20 | 2.30 | 2.29 | 2.26 | 2.53 | ppb |
| Zirconium | 91-1 | 2.29 | 2.30 | 2.28 | 2.29 | 0.42 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKY3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:59:11 | DataFile Name : | 186SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10775.48 | 10627.90 | 10699.93 | 10701.10 | 0.69 | ppb |
| Antimony | 121-1 | 9.77 | 9.59 | 9.92 | 9.76 | 1.68 | ppb |
| Arsenic | 75-2 | 59.78 | 60.40 | 59.63 | 59.94 | 0.68 | ppb |
| Barium | 135-1 | 33.39 | 33.17 | 33.13 | 33.23 | 0.42 | ppb |
| Barium | 137-1 | 33.80 | 33.98 | 34.09 | 33.96 | 0.43 | ppb |
| Beryllium | 9-1 | 0.26 | 0.27 | 0.32 | 0.28 | 12.27 | ppb |
| Bismuth | 209-1 | | | | 116 | | % |
| Bismuth | 209-2 | | | | 111 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.35 | 1.22 | 0.91 | 1.16 | 19.56 | ppb |
| Cadmium | 106-1 | -0.36 | -0.30 | -1.01 | -0.56 | | ppb |
| Cadmium | 111-1 | 0.70 | 0.74 | 0.65 | 0.70 | 6.19 | ppb |
| Calcium | 43-1 | 9887.01 | 9851.43 | 9927.40 | 9888.61 | 0.38 | ppb |
| Calcium | 44-1 | 9528.83 | 9427.06 | 9505.78 | 9487.22 | 0.56 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 34.56 | 35.16 | 35.16 | 34.96 | 0.99 | ppb |
| Cobalt | 59-2 | 9.85 | 9.79 | 9.75 | 9.80 | 0.51 | ppb |
| Copper | 63-2 | 986.76 | 983.55 | 964.33 | 978.21 | 1.24 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 22537.60 | 22738.05 | 22674.99 | 22650.21 | 0.45 | ppb |
| Iron | 57-2 | 22424.04 | 22424.62 | 22630.45 | 22493.04 | 0.53 | ppb |
| Iron | 54-2 | 22635.07 | 22543.99 | 22516.24 | 22565.10 | 0.28 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKY3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:59:11 | DataFile Name : | 186SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 137.72 | 133.54 | 138.89 | 136.71 | 2.06 | ppb |
| Lead | 207-1 | 132.05 | 127.96 | 132.90 | 130.97 | 2.02 | ppb |
| Lead | 208-1 | 140.34 | 137.34 | 140.57 | 139.42 | 1.29 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 5766.91 | 5786.46 | 5679.67 | 5744.34 | 0.99 | ppb |
| Manganese | 55-2 | 164.02 | 163.26 | 162.61 | 163.30 | 0.43 | ppb |
| Molybdenum | 94-1 | 7.06 | 7.28 | 7.18 | 7.18 | 1.55 | ppb |
| Molybdenum | 95-1 | 4.44 | 4.48 | 4.45 | 4.46 | 0.44 | ppb |
| Molybdenum | 96-1 | 4.93 | 4.94 | 5.03 | 4.97 | 1.02 | ppb |
| Molybdenum | 97-1 | 4.56 | 4.55 | 4.43 | 4.51 | 1.63 | ppb |
| Molybdenum | 98-1 | 4.38 | 4.50 | 4.45 | 4.45 | 1.29 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 30.02 | 29.39 | 29.18 | 29.53 | 1.49 | ppb |
| Phosphorus | 31-2 | 954.79 | 948.00 | 944.83 | 949.21 | 0.54 | ppb |
| Potassium | 39-2 | 1909.35 | 1900.68 | 1910.88 | 1906.97 | 0.29 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 1.00 | 0.93 | 0.49 | 0.81 | 33.72 | ppb |
| Selenium | 77-2 | 2.98 | 5.42 | 4.92 | 4.44 | 29.12 | ppb |
| Selenium | 78-2 | -0.19 | 0.13 | 0.51 | 0.15 | 228.87 | ppb |
| Silicon | 28-1 | 1645.03 | 1674.96 | 1632.46 | 1650.82 | 1.32 | ppb |
| Silver | 107-1 | 3.09 | 3.14 | 3.14 | 3.12 | 0.87 | ppb |
| Silver | 109-1 | 3.09 | 3.07 | 3.09 | 3.08 | 0.24 | ppb |
| Sodium | 23-2 | 11941.89 | 11956.95 | 11868.92 | 11922.59 | 0.39 | ppb |
| Strontium | 86-1 | 1784.58 | 1815.44 | 1812.96 | 1804.33 | 0.95 | ppb |
| Strontium | 88-1 | 1838.00 | 1888.70 | 1851.67 | 1859.45 | 1.41 | ppb |
| Sulfur | 34-1 | 8750.93 | 8608.92 | 8729.58 | 8696.48 | 0.88 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.23 | 0.22 | 0.24 | 0.23 | 3.74 | ppb |
| Thallium | 205-1 | 0.23 | 0.23 | 0.24 | 0.24 | 3.55 | ppb |
| Tin | 118-1 | 12.41 | 12.31 | 12.56 | 12.43 | 1.03 | ppb |
| Titanium | 47-1 | 565.74 | 571.09 | 571.27 | 569.37 | 0.55 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKY3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:59:11 | DataFile Name : | 186SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.55 | 1.54 | 1.58 | 1.56 | 1.34 | ppb |
| Vanadium | 51-2 | 46.21 | 45.81 | 46.33 | 46.12 | 0.58 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 305.82 | 308.61 | 305.73 | 306.72 | 0.53 | ppb |
| Zirconium | 90-1 | 1.90 | 1.96 | 1.91 | 1.92 | 1.62 | ppb |
| Zirconium | 91-1 | 1.94 | 2.01 | 1.98 | 1.98 | 1.80 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:03:58 | DataFile Name : | 187SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8640.41 | 9580.51 | 8077.31 | 8766.08 | 8.66 | ppb |
| Antimony | 121-1 | 0.85 | 0.81 | 0.85 | 0.84 | 2.50 | ppb |
| Arsenic | 75-2 | 9.41 | 10.75 | 9.16 | 9.78 | 8.75 | ppb |
| Barium | 135-1 | 114.50 | 114.29 | 113.93 | 114.24 | 0.25 | ppb |
| Barium | 137-1 | 116.20 | 116.12 | 116.33 | 116.22 | 0.09 | ppb |
| Beryllium | 9-1 | 0.93 | 0.85 | 0.82 | 0.87 | 6.52 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.01 | 2.61 | 2.92 | 2.85 | 7.33 | ppb |
| Cadmium | 106-1 | 1.33 | 1.68 | 1.64 | 1.55 | 12.29 | ppb |
| Cadmium | 111-1 | 2.35 | 2.34 | 2.31 | 2.33 | 1.06 | ppb |
| Calcium | 43-1 | 72560.39 | 72393.33 | 72556.96 | 72503.56 | 0.13 | ppb |
| Calcium | 44-1 | 71488.38 | 71972.45 | 72387.17 | 71949.33 | 0.63 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 392.48 | 446.63 | 375.36 | 404.82 | 9.19 | ppb |
| Cobalt | 59-2 | 10.74 | 12.00 | 10.34 | 11.03 | 7.89 | ppb |
| Copper | 63-2 | 68.00 | 77.21 | 65.35 | 70.19 | 8.87 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 100836.44 | 113056.96 | 96481.50 | 103458.30 | 8.31 | ppb |
| Iron | 57-2 | 100639.77 | 113351.63 | 96705.79 | 103565.73 | 8.40 | ppb |
| Iron | 54-2 | 101600.88 | 114326.01 | 96251.52 | 104059.47 | 8.92 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:03:58 | DataFile Name : | 187SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 452.34 | 447.16 | 459.44 | 452.98 | 1.36 | ppb |
| Lead | 207-1 | 432.61 | 427.31 | 436.26 | 432.06 | 1.04 | ppb |
| Lead | 208-1 | 436.15 | 431.91 | 439.18 | 435.75 | 0.84 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 12138.79 | 13704.70 | 11717.04 | 12520.18 | 8.36 | ppb |
| Manganese | 55-2 | 5482.80 | 6150.95 | 5242.00 | 5625.25 | 8.37 | ppb |
| Molybdenum | 94-1 | 10.21 | 10.25 | 10.00 | 10.15 | 1.33 | ppb |
| Molybdenum | 95-1 | 7.28 | 7.49 | 7.34 | 7.37 | 1.43 | ppb |
| Molybdenum | 96-1 | 8.36 | 8.39 | 8.43 | 8.39 | 0.44 | ppb |
| Molybdenum | 97-1 | 7.35 | 7.36 | 7.33 | 7.35 | 0.19 | ppb |
| Molybdenum | 98-1 | 7.26 | 7.35 | 7.20 | 7.27 | 1.06 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 147.81 | 168.71 | 143.21 | 153.24 | 8.87 | ppb |
| Phosphorus | 31-2 | 770.17 | 811.31 | 731.45 | 770.98 | 5.18 | ppb |
| Potassium | 39-2 | 1203.66 | 1372.28 | 1155.95 | 1243.96 | 9.14 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 81 | | % |
| Selenium | 82-1 | 0.49 | 0.28 | 0.37 | 0.38 | 27.52 | ppb |
| Selenium | 77-2 | 5.76 | 3.77 | 1.98 | 3.84 | 49.23 | ppb |
| Selenium | 78-2 | -0.51 | 0.22 | -0.55 | -0.28 | | ppb |
| Silicon | 28-1 | 1057.14 | 1070.59 | 1056.46 | 1061.40 | 0.75 | ppb |
| Silver | 107-1 | 1.11 | 1.11 | 1.11 | 1.11 | 0.07 | ppb |
| Silver | 109-1 | 1.07 | 1.10 | 1.09 | 1.09 | 1.38 | ppb |
| Sodium | 23-2 | 240.51 | 275.81 | 233.20 | 249.84 | 9.12 | ppb |
| Strontium | 86-1 | 4292.38 | 4290.72 | 4269.97 | 4284.35 | 0.29 | ppb |
| Strontium | 88-1 | 4484.46 | 4484.28 | 4478.11 | 4482.28 | 0.08 | ppb |
| Sulfur | 34-1 | 620.05 | 603.04 | 724.28 | 649.12 | 10.11 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.72 | 0.71 | 0.73 | 0.72 | 1.83 | ppb |
| Thallium | 205-1 | 0.71 | 0.73 | 0.72 | 0.72 | 0.86 | ppb |
| Tin | 118-1 | 6.67 | 6.56 | 6.62 | 6.62 | 0.78 | ppb |
| Titanium | 47-1 | 291.65 | 294.03 | 296.03 | 293.90 | 0.75 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:03:58 | DataFile Name : | 187SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.73 | 0.72 | 0.75 | 0.73 | 1.70 | ppb |
| Vanadium | 51-2 | 72.57 | 82.21 | 69.38 | 74.72 | 8.94 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 991.74 | 1105.70 | 948.74 | 1015.39 | 7.99 | ppb |
| Zirconium | 90-1 | 2.24 | 2.26 | 2.23 | 2.24 | 0.73 | ppb |
| Zirconium | 91-1 | 2.26 | 2.37 | 2.23 | 2.28 | 3.26 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:07:04 | DataFile Name : | 188SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9766.67 | 9897.91 | 9791.86 | 9818.81 | 0.71 | ppb |
| Antimony | 121-1 | 1.01 | 1.12 | 1.15 | 1.09 | 6.76 | ppb |
| Arsenic | 75-2 | 8.26 | 8.22 | 8.18 | 8.22 | 0.53 | ppb |
| Barium | 135-1 | 109.47 | 119.67 | 118.25 | 115.79 | 4.77 | ppb |
| Barium | 137-1 | 110.85 | 122.26 | 120.49 | 117.87 | 5.21 | ppb |
| Beryllium | 9-1 | 1.21 | 1.33 | 1.29 | 1.28 | 4.93 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.05 | 3.91 | 3.53 | 3.50 | 12.27 | ppb |
| Cadmium | 106-1 | 2.33 | 2.71 | 2.29 | 2.44 | 9.47 | ppb |
| Cadmium | 111-1 | 2.55 | 2.89 | 2.84 | 2.76 | 6.59 | ppb |
| Calcium | 43-1 | 87285.55 | 93994.51 | 94319.78 | 91866.61 | 4.32 | ppb |
| Calcium | 44-1 | 86040.28 | 94797.33 | 94769.17 | 91868.92 | 5.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 510.69 | 503.08 | 508.49 | 507.42 | 0.77 | ppb |
| Cobalt | 59-2 | 6.46 | 6.55 | 6.62 | 6.54 | 1.17 | ppb |
| Copper | 63-2 | 55.86 | 55.84 | 56.31 | 56.00 | 0.47 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 117507.62 | 116609.92 | 117234.81 | 117117.45 | 0.39 | ppb |
| Iron | 57-2 | 117174.63 | 117504.36 | 117572.04 | 117417.01 | 0.18 | ppb |
| Iron | 54-2 | 117765.35 | 117992.39 | 117262.16 | 117673.30 | 0.32 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:07:04 | DataFile Name : | 188SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 402.63 | 442.66 | 439.58 | 428.29 | 5.20 | ppb |
| Lead | 207-1 | 376.35 | 407.08 | 400.99 | 394.81 | 4.12 | ppb |
| Lead | 208-1 | 382.22 | 415.81 | 414.12 | 404.05 | 4.68 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 14889.94 | 14902.74 | 14880.90 | 14891.19 | 0.07 | ppb |
| Manganese | 55-2 | 9215.36 | 9240.45 | 9286.17 | 9247.33 | 0.39 | ppb |
| Molybdenum | 94-1 | 19.19 | 20.41 | 21.34 | 20.31 | 5.30 | ppb |
| Molybdenum | 95-1 | 12.26 | 13.60 | 13.35 | 13.07 | 5.45 | ppb |
| Molybdenum | 96-1 | 13.70 | 14.99 | 14.81 | 14.50 | 4.80 | ppb |
| Molybdenum | 97-1 | 12.33 | 13.19 | 13.47 | 13.00 | 4.55 | ppb |
| Molybdenum | 98-1 | 12.38 | 13.35 | 13.43 | 13.05 | 4.47 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 149.01 | 148.59 | 148.02 | 148.54 | 0.33 | ppb |
| Phosphorus | 31-2 | 1040.21 | 1046.50 | 1033.39 | 1040.03 | 0.63 | ppb |
| Potassium | 39-2 | 990.87 | 990.94 | 983.00 | 988.27 | 0.46 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 81 | | % |
| Selenium | 82-1 | 0.30 | 0.46 | 0.55 | 0.44 | 28.69 | ppb |
| Selenium | 77-2 | 1.94 | 2.81 | 2.49 | 2.41 | 18.18 | ppb |
| Selenium | 78-2 | 0.04 | -1.20 | -0.59 | -0.58 | | ppb |
| Silicon | 28-1 | 1450.11 | 1633.39 | 1594.28 | 1559.26 | 6.19 | ppb |
| Silver | 107-1 | 1.36 | 1.51 | 1.47 | 1.45 | 5.24 | ppb |
| Silver | 109-1 | 1.38 | 1.48 | 1.47 | 1.45 | 3.96 | ppb |
| Sodium | 23-2 | 351.14 | 352.03 | 347.84 | 350.34 | 0.63 | ppb |
| Strontium | 86-1 | 4575.35 | 4914.70 | 4938.32 | 4809.46 | 4.22 | ppb |
| Strontium | 88-1 | 4793.31 | 5139.07 | 5156.33 | 5029.57 | 4.07 | ppb |
| Sulfur | 34-1 | 474.13 | 804.87 | 809.29 | 696.10 | 27.62 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 1.20 | 1.32 | 1.28 | 1.26 | 4.66 | ppb |
| Thallium | 205-1 | 1.22 | 1.30 | 1.34 | 1.29 | 4.59 | ppb |
| Tin | 118-1 | 7.72 | 8.63 | 8.51 | 8.29 | 5.97 | ppb |
| Titanium | 47-1 | 536.98 | 599.60 | 595.92 | 577.50 | 6.08 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:07:04 | DataFile Name : | 188SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.64 | 0.70 | 0.70 | 0.68 | 5.17 | ppb |
| Vanadium | 51-2 | 119.18 | 119.42 | 118.95 | 119.18 | 0.20 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 1510.37 | 1505.14 | 1511.64 | 1509.05 | 0.23 | ppb |
| Zirconium | 90-1 | 4.64 | 5.08 | 5.10 | 4.94 | 5.21 | ppb |
| Zirconium | 91-1 | 4.66 | 5.06 | 5.05 | 4.93 | 4.62 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:11:22 | DataFile Name : | 189SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9812.30 | 9637.61 | 9507.43 | 9652.45 | 1.58 | ppb |
| Antimony | 121-1 | 0.92 | 0.92 | 0.94 | 0.93 | 1.07 | ppb |
| Arsenic | 75-2 | 10.40 | 10.32 | 10.67 | 10.47 | 1.74 | ppb |
| Barium | 135-1 | 124.15 | 125.55 | 123.96 | 124.55 | 0.69 | ppb |
| Barium | 137-1 | 127.67 | 127.79 | 125.97 | 127.15 | 0.80 | ppb |
| Beryllium | 9-1 | 1.12 | 1.09 | 1.11 | 1.11 | 1.36 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.52 | 2.42 | 3.21 | 3.05 | 18.52 | ppb |
| Cadmium | 106-1 | 1.42 | 1.36 | 0.78 | 1.19 | 29.75 | ppb |
| Cadmium | 111-1 | 2.22 | 2.31 | 2.15 | 2.23 | 3.71 | ppb |
| Calcium | 43-1 | 80024.19 | 81070.90 | 79613.96 | 80236.35 | 0.94 | ppb |
| Calcium | 44-1 | 80632.66 | 80224.60 | 80394.42 | 80417.22 | 0.25 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 275.04 | 272.31 | 272.71 | 273.35 | 0.54 | ppb |
| Cobalt | 59-2 | 9.30 | 9.30 | 9.24 | 9.28 | 0.40 | ppb |
| Copper | 63-2 | 60.64 | 59.90 | 59.52 | 60.02 | 0.95 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 89585.12 | 89702.62 | 88227.32 | 89171.69 | 0.92 | ppb |
| Iron | 57-2 | 89047.51 | 89118.81 | 88367.76 | 88844.69 | 0.47 | ppb |
| Iron | 54-2 | 90674.46 | 89531.47 | 89101.46 | 89769.13 | 0.91 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:11:22 | DataFile Name : | 189SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 390.88 | 384.51 | 380.40 | 385.26 | 1.37 | ppb |
| Lead | 207-1 | 363.58 | 356.84 | 351.05 | 357.16 | 1.76 | ppb |
| Lead | 208-1 | 369.04 | 362.77 | 362.51 | 364.77 | 1.01 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 15087.52 | 15203.91 | 15040.48 | 15110.64 | 0.56 | ppb |
| Manganese | 55-2 | 5805.59 | 5780.11 | 5785.41 | 5790.37 | 0.23 | ppb |
| Molybdenum | 94-1 | 11.95 | 12.48 | 12.08 | 12.17 | 2.26 | ppb |
| Molybdenum | 95-1 | 7.28 | 7.74 | 7.44 | 7.49 | 3.06 | ppb |
| Molybdenum | 96-1 | 8.44 | 8.68 | 8.54 | 8.55 | 1.42 | ppb |
| Molybdenum | 97-1 | 7.33 | 7.69 | 7.47 | 7.50 | 2.40 | ppb |
| Molybdenum | 98-1 | 7.33 | 7.61 | 7.42 | 7.45 | 1.91 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 91.37 | 90.64 | 90.28 | 90.76 | 0.61 | ppb |
| Phosphorus | 31-2 | 696.37 | 703.54 | 707.59 | 702.50 | 0.81 | ppb |
| Potassium | 39-2 | 1635.02 | 1616.60 | 1610.31 | 1620.64 | 0.79 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 81 | | % |
| Selenium | 82-1 | 0.55 | 0.46 | 0.46 | 0.49 | 10.66 | ppb |
| Selenium | 77-2 | 3.37 | 3.52 | 5.01 | 3.97 | 22.76 | ppb |
| Selenium | 78-2 | -1.06 | -0.68 | -0.86 | -0.87 | | ppb |
| Silicon | 28-1 | 1737.66 | 1727.11 | 1732.55 | 1732.44 | 0.30 | ppb |
| Silver | 107-1 | 1.29 | 1.28 | 1.27 | 1.28 | 0.87 | ppb |
| Silver | 109-1 | 1.27 | 1.25 | 1.26 | 1.26 | 0.86 | ppb |
| Sodium | 23-2 | 388.29 | 380.75 | 378.76 | 382.60 | 1.31 | ppb |
| Strontium | 86-1 | 5823.65 | 5973.86 | 5887.98 | 5895.17 | 1.28 | ppb |
| Strontium | 88-1 | 6134.10 | 6211.56 | 6189.36 | 6178.34 | 0.65 | ppb |
| Sulfur | 34-1 | 717.39 | 675.84 | 664.56 | 685.93 | 4.06 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 1.11 | 1.11 | 1.07 | 1.10 | 1.89 | ppb |
| Thallium | 205-1 | 1.09 | 1.09 | 1.10 | 1.09 | 0.72 | ppb |
| Tin | 118-1 | 7.25 | 7.25 | 7.15 | 7.22 | 0.78 | ppb |
| Titanium | 47-1 | 395.32 | 399.61 | 400.38 | 398.44 | 0.68 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:11:22 | DataFile Name : | 189SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.82 | 0.80 | 0.79 | 0.80 | 1.36 | ppb |
| Vanadium | 51-2 | 74.98 | 73.50 | 74.17 | 74.22 | 1.00 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 1187.08 | 1171.28 | 1174.00 | 1177.45 | 0.72 | ppb |
| Zirconium | 90-1 | 3.23 | 3.32 | 3.25 | 3.26 | 1.44 | ppb |
| Zirconium | 91-1 | 3.21 | 3.44 | 3.31 | 3.32 | 3.45 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:14:29 | DataFile Name : | 190SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9867.49 | 9960.77 | 9918.25 | 9915.50 | 0.47 | ppb |
| Antimony | 121-1 | 0.94 | 1.00 | 0.96 | 0.97 | 3.59 | ppb |
| Arsenic | 75-2 | 10.46 | 11.17 | 11.02 | 10.88 | 3.46 | ppb |
| Barium | 135-1 | 118.79 | 125.37 | 126.52 | 123.56 | 3.38 | ppb |
| Barium | 137-1 | 120.51 | 127.96 | 128.41 | 125.63 | 3.53 | ppb |
| Beryllium | 9-1 | 1.02 | 1.14 | 1.20 | 1.12 | 8.25 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.83 | 2.93 | 2.96 | 2.90 | 2.38 | ppb |
| Cadmium | 106-1 | 1.53 | 1.18 | 1.22 | 1.31 | 14.67 | ppb |
| Cadmium | 111-1 | 2.19 | 2.23 | 2.22 | 2.21 | 1.05 | ppb |
| Calcium | 43-1 | 78657.37 | 83278.52 | 82534.30 | 81490.06 | 3.04 | ppb |
| Calcium | 44-1 | 78495.70 | 82353.95 | 81582.88 | 80810.85 | 2.53 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 277.88 | 280.62 | 280.95 | 279.81 | 0.60 | ppb |
| Cobalt | 59-2 | 9.47 | 9.48 | 9.56 | 9.50 | 0.52 | ppb |
| Copper | 63-2 | 61.59 | 61.86 | 61.75 | 61.73 | 0.22 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 91665.36 | 91279.43 | 92112.50 | 91685.76 | 0.45 | ppb |
| Iron | 57-2 | 91241.82 | 90757.21 | 91068.88 | 91022.64 | 0.27 | ppb |
| Iron | 54-2 | 92036.06 | 91948.33 | 92407.41 | 92130.60 | 0.26 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:14:29 | DataFile Name : | 190SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 375.97 | 399.29 | 396.10 | 390.45 | 3.24 | ppb |
| Lead | 207-1 | 347.31 | 367.15 | 365.35 | 359.94 | 3.05 | ppb |
| Lead | 208-1 | 352.82 | 375.38 | 375.51 | 367.90 | 3.55 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 15351.92 | 15284.99 | 15433.98 | 15356.96 | 0.49 | ppb |
| Manganese | 55-2 | 5885.32 | 5939.25 | 5996.85 | 5940.48 | 0.94 | ppb |
| Molybdenum | 94-1 | 11.46 | 12.19 | 12.21 | 11.96 | 3.60 | ppb |
| Molybdenum | 95-1 | 7.45 | 7.80 | 7.74 | 7.66 | 2.47 | ppb |
| Molybdenum | 96-1 | 8.45 | 8.92 | 8.91 | 8.76 | 3.08 | ppb |
| Molybdenum | 97-1 | 7.29 | 7.93 | 7.83 | 7.69 | 4.48 | ppb |
| Molybdenum | 98-1 | 7.31 | 7.97 | 7.77 | 7.68 | 4.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 93.02 | 93.34 | 93.81 | 93.39 | 0.43 | ppb |
| Phosphorus | 31-2 | 707.98 | 717.17 | 756.86 | 727.34 | 3.57 | ppb |
| Potassium | 39-2 | 1664.65 | 1666.85 | 1670.12 | 1667.21 | 0.17 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 0.37 | 0.45 | 0.77 | 0.53 | 40.81 | ppb |
| Selenium | 77-2 | 3.80 | 4.39 | 4.92 | 4.37 | 12.81 | ppb |
| Selenium | 78-2 | -0.34 | -1.07 | -0.86 | -0.76 | | ppb |
| Silicon | 28-1 | 1561.39 | 1639.93 | 1646.37 | 1615.90 | 2.93 | ppb |
| Silver | 107-1 | 1.22 | 1.25 | 1.29 | 1.25 | 2.66 | ppb |
| Silver | 109-1 | 1.20 | 1.30 | 1.30 | 1.27 | 4.43 | ppb |
| Sodium | 23-2 | 387.32 | 391.04 | 390.75 | 389.70 | 0.53 | ppb |
| Strontium | 86-1 | 5661.68 | 6014.70 | 5999.61 | 5892.00 | 3.39 | ppb |
| Strontium | 88-1 | 5889.97 | 6242.64 | 6217.25 | 6116.62 | 3.22 | ppb |
| Sulfur | 34-1 | 574.85 | 778.47 | 724.01 | 692.44 | 15.22 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 1.12 | 1.18 | 1.17 | 1.16 | 2.51 | ppb |
| Thallium | 205-1 | 1.12 | 1.17 | 1.18 | 1.16 | 2.98 | ppb |
| Tin | 118-1 | 7.02 | 7.60 | 7.60 | 7.41 | 4.55 | ppb |
| Titanium | 47-1 | 376.03 | 396.77 | 398.27 | 390.35 | 3.18 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:14:29 | DataFile Name : | 190SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.76 | 0.81 | 0.84 | 0.81 | 4.95 | ppb |
| Vanadium | 51-2 | 76.46 | 75.65 | 76.28 | 76.13 | 0.56 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 91 | | % |
| Zinc | 66-2 | 1211.81 | 1216.20 | 1220.96 | 1216.32 | 0.38 | ppb |
| Zirconium | 90-1 | 2.95 | 3.20 | 3.11 | 3.09 | 4.03 | ppb |
| Zirconium | 91-1 | 3.04 | 3.65 | 3.19 | 3.29 | 9.70 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 23:17:34 | DataFile Name : | 191SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1993.94 | 2034.17 | 2017.86 | 2015.33 | 1.00 | ppb |
| Antimony | 121-1 | 0.19 | 0.20 | 0.19 | 0.19 | 1.89 | ppb |
| Arsenic | 75-2 | 2.17 | 2.21 | 2.22 | 2.20 | 1.15 | ppb |
| Barium | 135-1 | 25.77 | 26.13 | 25.83 | 25.91 | 0.74 | ppb |
| Barium | 137-1 | 26.18 | 26.48 | 26.62 | 26.42 | 0.84 | ppb |
| Beryllium | 9-1 | 0.18 | 0.24 | 0.30 | 0.24 | 25.68 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.59 | 0.60 | 0.51 | 0.57 | 9.24 | ppb |
| Cadmium | 106-1 | -0.23 | -0.66 | -0.74 | -0.55 | | ppb |
| Cadmium | 111-1 | 0.47 | 0.38 | 0.41 | 0.42 | 10.15 | ppb |
| Calcium | 43-1 | 17633.49 | 17593.55 | 17638.75 | 17621.93 | 0.14 | ppb |
| Calcium | 44-1 | 16747.44 | 16877.98 | 16996.54 | 16873.99 | 0.74 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 58.13 | 58.28 | 56.72 | 57.71 | 1.49 | ppb |
| Cobalt | 59-2 | 1.99 | 2.00 | 1.97 | 1.98 | 0.70 | ppb |
| Copper | 63-2 | 13.65 | 13.58 | 13.44 | 13.56 | 0.79 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 18776.41 | 18911.91 | 18841.94 | 18843.42 | 0.36 | ppb |
| Iron | 57-2 | 18895.30 | 18705.71 | 18639.24 | 18746.75 | 0.71 | ppb |
| Iron | 54-2 | 18716.12 | 18664.67 | 18883.20 | 18754.66 | 0.61 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 23:17:34 | DataFile Name : | 191SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 74.01 | 73.29 | 74.53 | 73.94 | 0.84 | ppb |
| Lead | 207-1 | 66.02 | 65.86 | 66.57 | 66.15 | 0.56 | ppb |
| Lead | 208-1 | 68.31 | 68.12 | 68.99 | 68.48 | 0.67 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 3192.04 | 3228.52 | 3164.37 | 3194.98 | 1.01 | ppb |
| Manganese | 55-2 | 1211.76 | 1232.43 | 1221.35 | 1221.85 | 0.85 | ppb |
| Molybdenum | 94-1 | 2.48 | 2.52 | 2.57 | 2.52 | 1.91 | ppb |
| Molybdenum | 95-1 | 1.58 | 1.63 | 1.62 | 1.61 | 1.63 | ppb |
| Molybdenum | 96-1 | 1.84 | 1.81 | 1.83 | 1.83 | 0.67 | ppb |
| Molybdenum | 97-1 | 1.57 | 1.56 | 1.61 | 1.58 | 1.55 | ppb |
| Molybdenum | 98-1 | 1.57 | 1.57 | 1.60 | 1.58 | 1.00 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 19.58 | 19.45 | 19.00 | 19.34 | 1.59 | ppb |
| Phosphorus | 31-2 | 143.86 | 129.45 | 132.97 | 135.43 | 5.55 | ppb |
| Potassium | 39-2 | 343.58 | 347.04 | 345.41 | 345.34 | 0.50 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | -0.25 | -0.32 | -0.31 | -0.29 | | ppb |
| Selenium | 77-2 | 0.91 | 0.38 | 0.55 | 0.61 | 44.52 | ppb |
| Selenium | 78-2 | -1.52 | -0.71 | -0.70 | -0.97 | | ppb |
| Silicon | 28-1 | 357.47 | 354.26 | 362.67 | 358.14 | 1.19 | ppb |
| Silver | 107-1 | 0.27 | 0.27 | 0.27 | 0.27 | 1.07 | ppb |
| Silver | 109-1 | 0.26 | 0.27 | 0.26 | 0.26 | 3.33 | ppb |
| Sodium | 23-2 | 91.05 | 91.61 | 88.88 | 90.51 | 1.59 | ppb |
| Strontium | 86-1 | 1247.96 | 1260.67 | 1279.70 | 1262.78 | 1.26 | ppb |
| Strontium | 88-1 | 1310.19 | 1299.99 | 1313.67 | 1307.95 | 0.54 | ppb |
| Sulfur | 34-1 | 198.74 | 131.91 | 156.81 | 162.48 | 20.79 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.22 | 0.23 | 0.21 | 0.22 | 4.18 | ppb |
| Thallium | 205-1 | 0.23 | 0.22 | 0.23 | 0.22 | 1.03 | ppb |
| Tin | 118-1 | 1.50 | 1.60 | 1.48 | 1.53 | 4.05 | ppb |
| Titanium | 47-1 | 83.25 | 83.32 | 84.04 | 83.54 | 0.52 | ppb |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 23:17:34 | DataFile Name : | 191SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.16 | 0.17 | 0.16 | 0.16 | 1.02 | ppb |
| Vanadium | 51-2 | 15.62 | 15.48 | 15.49 | 15.53 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 89 | | % |
| Zinc | 66-2 | 252.60 | 252.18 | 252.77 | 252.51 | 0.12 | ppb |
| Zirconium | 90-1 | 0.70 | 0.66 | 0.70 | 0.69 | 2.94 | ppb |
| Zirconium | 91-1 | 0.68 | 0.71 | 0.68 | 0.69 | 2.64 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:20:48 | DataFile Name : | 192SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9792.12 | 10050.50 | 9902.05 | 9914.89 | 1.31 | ppb |
| Antimony | 121-1 | 10.37 | 10.78 | 11.04 | 10.73 | 3.12 | ppb |
| Arsenic | 75-2 | 14.24 | 14.74 | 14.53 | 14.50 | 1.72 | ppb |
| Barium | 135-1 | 297.38 | 308.10 | 313.88 | 306.45 | 2.73 | ppb |
| Barium | 137-1 | 324.48 | 334.17 | 335.17 | 331.28 | 1.78 | ppb |
| Beryllium | 9-1 | 6.03 | 6.20 | 6.01 | 6.08 | 1.77 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.94 | 7.53 | 7.02 | 7.17 | 4.47 | ppb |
| Cadmium | 106-1 | 5.63 | 6.59 | 6.52 | 6.25 | 8.54 | ppb |
| Cadmium | 111-1 | 7.07 | 7.31 | 7.32 | 7.23 | 1.96 | ppb |
| Calcium | 43-1 | 75938.49 | 81920.82 | 80795.71 | 79551.67 | 4.00 | ppb |
| Calcium | 44-1 | 75693.25 | 81184.77 | 80619.93 | 79165.98 | 3.82 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 291.48 | 295.24 | 294.34 | 293.68 | 0.67 | ppb |
| Cobalt | 59-2 | 61.42 | 61.83 | 61.99 | 61.74 | 0.48 | ppb |
| Copper | 63-2 | 84.10 | 85.39 | 85.20 | 84.90 | 0.82 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 89095.24 | 89717.80 | 88844.48 | 89219.18 | 0.50 | ppb |
| Iron | 57-2 | 88430.99 | 89473.51 | 87608.32 | 88504.27 | 1.06 | ppb |
| Iron | 54-2 | 90175.37 | 89700.55 | 89337.12 | 89737.68 | 0.47 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:20:48 | DataFile Name : | 192SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 364.44 | 383.94 | 388.01 | 378.80 | 3.33 | ppb |
| Lead | 207-1 | 341.45 | 357.43 | 352.57 | 350.48 | 2.34 | ppb |
| Lead | 208-1 | 349.50 | 363.90 | 364.96 | 359.45 | 2.40 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 14960.32 | 15100.35 | 15246.83 | 15102.50 | 0.95 | ppb |
| Manganese | 55-2 | 5882.52 | 5850.82 | 5847.85 | 5860.40 | 0.33 | ppb |
| Molybdenum | 94-1 | 11.27 | 11.98 | 11.88 | 11.71 | 3.29 | ppb |
| Molybdenum | 95-1 | 7.33 | 7.71 | 7.82 | 7.62 | 3.32 | ppb |
| Molybdenum | 96-1 | 8.40 | 8.88 | 8.83 | 8.70 | 3.03 | ppb |
| Molybdenum | 97-1 | 7.47 | 7.72 | 7.85 | 7.68 | 2.49 | ppb |
| Molybdenum | 98-1 | 7.27 | 7.69 | 7.85 | 7.60 | 3.92 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 143.78 | 144.77 | 144.06 | 144.20 | 0.35 | ppb |
| Phosphorus | 31-2 | 712.01 | 707.52 | 719.14 | 712.89 | 0.82 | ppb |
| Potassium | 39-2 | 1621.66 | 1635.79 | 1626.69 | 1628.04 | 0.44 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 10.06 | 11.20 | 11.01 | 10.76 | 5.72 | ppb |
| Selenium | 77-2 | 12.26 | 16.48 | 16.37 | 15.04 | 15.99 | ppb |
| Selenium | 78-2 | 9.03 | 10.68 | 7.58 | 9.10 | 17.06 | ppb |
| Silicon | 28-1 | 1466.60 | 1584.81 | 1580.64 | 1544.01 | 4.34 | ppb |
| Silver | 107-1 | 5.92 | 6.24 | 6.29 | 6.15 | 3.23 | ppb |
| Silver | 109-1 | 6.00 | 6.23 | 6.25 | 6.16 | 2.26 | ppb |
| Sodium | 23-2 | 376.47 | 384.31 | 378.94 | 379.90 | 1.06 | ppb |
| Strontium | 86-1 | 5579.26 | 5859.19 | 5917.00 | 5785.15 | 3.12 | ppb |
| Strontium | 88-1 | 5802.10 | 6102.39 | 6107.30 | 6003.93 | 2.91 | ppb |
| Sulfur | 34-1 | 493.96 | 720.74 | 771.38 | 662.03 | 22.32 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 5.41 | 5.62 | 5.65 | 5.56 | 2.33 | ppb |
| Thallium | 205-1 | 5.42 | 5.74 | 5.77 | 5.64 | 3.42 | ppb |
| Tin | 118-1 | 7.14 | 7.34 | 7.39 | 7.29 | 1.78 | ppb |
| Titanium | 47-1 | 358.99 | 382.70 | 384.12 | 375.27 | 3.76 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:20:48 | DataFile Name : | 192SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.76 | 0.80 | 0.80 | 0.79 | 2.65 | ppb |
| Vanadium | 51-2 | 125.76 | 126.33 | 126.15 | 126.08 | 0.23 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 1232.14 | 1236.17 | 1241.14 | 1236.49 | 0.36 | ppb |
| Zirconium | 90-1 | 2.82 | 2.99 | 3.03 | 2.95 | 3.82 | ppb |
| Zirconium | 91-1 | 2.94 | 2.93 | 3.15 | 3.01 | 4.26 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:23:54 | DataFile Name : | 193SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8638.71 | 8539.03 | 8651.67 | 8609.80 | 0.72 | ppb |
| Antimony | 121-1 | 98.41 | 105.51 | 104.58 | 102.83 | 3.75 | ppb |
| Arsenic | 75-2 | 270.53 | 265.53 | 273.78 | 269.95 | 1.54 | ppb |
| Barium | 135-1 | 396.12 | 419.52 | 412.51 | 409.38 | 2.93 | ppb |
| Barium | 137-1 | 430.63 | 446.11 | 449.76 | 442.17 | 2.30 | ppb |
| Beryllium | 9-1 | 0.19 | 0.24 | 0.23 | 0.22 | 10.89 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.90 | 4.66 | 4.57 | 4.71 | 3.66 | ppb |
| Cadmium | 106-1 | 3.02 | 3.35 | 3.49 | 3.29 | 7.42 | ppb |
| Cadmium | 111-1 | 2.29 | 2.33 | 2.32 | 2.31 | 0.79 | ppb |
| Calcium | 43-1 | 22705.66 | 23726.31 | 23712.06 | 23381.34 | 2.50 | ppb |
| Calcium | 44-1 | 21796.52 | 22766.46 | 22621.80 | 22394.93 | 2.34 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 18.54 | 18.58 | 18.77 | 18.63 | 0.64 | ppb |
| Cobalt | 59-2 | 87.73 | 88.30 | 88.08 | 88.04 | 0.33 | ppb |
| Copper | 63-2 | 1037.24 | 1034.08 | 1033.76 | 1035.02 | 0.19 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 65295.44 | 65309.30 | 65306.88 | 65303.87 | 0.01 | ppb |
| Iron | 57-2 | 63957.84 | 64516.14 | 65276.97 | 64583.65 | 1.03 | ppb |
| Iron | 54-2 | 65376.03 | 65538.56 | 65523.98 | 65479.53 | 0.14 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:23:54 | DataFile Name : | 193SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 626.33 | 643.74 | 653.72 | 641.26 | 2.16 | ppb |
| Lead | 207-1 | 603.13 | 631.41 | 629.25 | 621.26 | 2.53 | ppb |
| Lead | 208-1 | 608.16 | 631.61 | 638.15 | 625.98 | 2.52 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 6080.41 | 6043.19 | 5994.92 | 6039.51 | 0.71 | ppb |
| Manganese | 55-2 | 427.72 | 428.61 | 424.50 | 426.94 | 0.51 | ppb |
| Molybdenum | 94-1 | 15.33 | 15.82 | 16.08 | 15.74 | 2.42 | ppb |
| Molybdenum | 95-1 | 7.71 | 8.11 | 8.15 | 7.99 | 3.04 | ppb |
| Molybdenum | 96-1 | 9.48 | 9.43 | 9.52 | 9.48 | 0.48 | ppb |
| Molybdenum | 97-1 | 7.99 | 8.10 | 8.09 | 8.06 | 0.79 | ppb |
| Molybdenum | 98-1 | 7.85 | 8.13 | 8.22 | 8.07 | 2.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 20.50 | 20.56 | 20.41 | 20.49 | 0.38 | ppb |
| Phosphorus | 31-2 | 417.04 | 431.65 | 446.48 | 431.72 | 3.41 | ppb |
| Potassium | 39-2 | 1941.13 | 1950.24 | 1948.83 | 1946.73 | 0.25 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.79 | 0.76 | 0.65 | 0.73 | 9.91 | ppb |
| Selenium | 77-2 | 2.01 | 2.95 | 2.37 | 2.45 | 19.51 | ppb |
| Selenium | 78-2 | 0.76 | 0.21 | 0.51 | 0.49 | 55.01 | ppb |
| Silicon | 28-1 | 1348.22 | 1385.90 | 1383.27 | 1372.46 | 1.53 | ppb |
| Silver | 107-1 | 2.42 | 2.59 | 2.57 | 2.53 | 3.60 | ppb |
| Silver | 109-1 | 2.37 | 2.57 | 2.54 | 2.49 | 4.38 | ppb |
| Sodium | 23-2 | 7052.07 | 7004.36 | 7098.04 | 7051.49 | 0.66 | ppb |
| Strontium | 86-1 | 5875.73 | 6068.44 | 6068.88 | 6004.35 | 1.86 | ppb |
| Strontium | 88-1 | 6079.20 | 6319.38 | 6329.23 | 6242.60 | 2.27 | ppb |
| Sulfur | 34-1 | 2974.39 | 3131.86 | 3156.83 | 3087.69 | 3.20 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.09 | 0.10 | 0.10 | 0.10 | 4.51 | ppb |
| Thallium | 205-1 | 0.09 | 0.10 | 0.10 | 0.10 | 7.57 | ppb |
| Tin | 118-1 | 48.30 | 51.77 | 51.25 | 50.44 | 3.71 | ppb |
| Titanium | 47-1 | 441.03 | 461.91 | 466.95 | 456.63 | 3.01 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:23:54 | DataFile Name : | 193SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.03 | 2.14 | 2.14 | 2.10 | 3.03 | ppb |
| Vanadium | 51-2 | 28.71 | 28.65 | 28.93 | 28.76 | 0.52 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 6514.53 | 6465.00 | 6555.37 | 6511.63 | 0.70 | ppb |
| Zirconium | 90-1 | 4.87 | 5.04 | 4.98 | 4.96 | 1.66 | ppb |
| Zirconium | 91-1 | 4.76 | 5.19 | 5.06 | 5.01 | 4.35 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:26:57 | DataFile Name : | 194CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 48413.71 | 47889.44 | 48108.52 | 48137.22 | 0.55 | ppb |
| Antimony | 121-1 | 470.29 | 479.54 | 478.82 | 476.22 | 1.08 | ppb |
| Arsenic | 75-2 | 466.25 | 468.99 | 475.69 | 470.31 | 1.03 | ppb |
| Barium | 135-1 | 2406.86 | 2438.81 | 2438.67 | 2428.12 | 0.76 | ppb |
| Barium | 137-1 | 2427.71 | 2433.28 | 2443.17 | 2434.72 | 0.32 | ppb |
| Beryllium | 9-1 | 475.54 | 484.06 | 480.91 | 480.17 | 0.90 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 467.89 | 472.88 | 471.89 | 470.89 | 0.56 | ppb |
| Cadmium | 106-1 | 469.60 | 481.03 | 477.36 | 476.00 | 1.23 | ppb |
| Cadmium | 111-1 | 443.50 | 455.32 | 452.58 | 450.47 | 1.37 | ppb |
| Calcium | 43-1 | 250720.44 | 254599.94 | 256526.11 | 253948.83 | 1.16 | ppb |
| Calcium | 44-1 | 249754.30 | 249947.77 | 256790.59 | 252164.22 | 1.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 509.04 | 502.03 | 505.72 | 505.60 | 0.69 | ppb |
| Cobalt | 59-2 | 496.05 | 493.83 | 493.76 | 494.55 | 0.26 | ppb |
| Copper | 63-2 | 4863.00 | 4839.14 | 4855.94 | 4852.69 | 0.25 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 88 | | % |
| Indium | 115-2 | | | | 82 | | % |
| Iron | 56-2 | 128993.32 | 127062.10 | 127928.62 | 127994.68 | 0.76 | ppb |
| Iron | 57-2 | 127154.94 | 126940.09 | 128838.51 | 127644.51 | 0.81 | ppb |
| Iron | 54-2 | 128638.24 | 127256.99 | 127635.08 | 127843.44 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:26:57 | DataFile Name : | 194CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2455.70 | 2498.69 | 2518.59 | 2490.99 | 1.29 | ppb |
| Lead | 207-1 | 2425.17 | 2453.48 | 2485.22 | 2454.62 | 1.22 | ppb |
| Lead | 208-1 | 2426.82 | 2466.81 | 2482.19 | 2458.61 | 1.16 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 233044.15 | 227908.68 | 232768.39 | 231240.41 | 1.25 | ppb |
| Manganese | 55-2 | 4953.74 | 4873.46 | 4916.76 | 4914.65 | 0.82 | ppb |
| Molybdenum | 94-1 | 4830.84 | 4942.70 | 4987.81 | 4920.45 | 1.64 | ppb |
| Molybdenum | 95-1 | 4841.01 | 4903.45 | 4965.66 | 4903.37 | 1.27 | ppb |
| Molybdenum | 96-1 | 4876.51 | 4953.36 | 4967.07 | 4932.31 | 0.99 | ppb |
| Molybdenum | 97-1 | 4911.22 | 4955.46 | 4935.59 | 4934.09 | 0.45 | ppb |
| Molybdenum | 98-1 | 4926.63 | 4960.07 | 4924.55 | 4937.08 | 0.40 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 469.52 | 463.27 | 468.77 | 467.19 | 0.73 | ppb |
| Phosphorus | 31-2 | 9596.14 | 9598.94 | 9652.14 | 9615.74 | 0.33 | ppb |
| Potassium | 39-2 | 121346.40 | 119319.77 | 120420.68 | 120362.28 | 0.84 | ppb |
| Rhodium | 103-1 | | | | 85 | | % |
| Rhodium | 103-2 | | | | 81 | | % |
| Scandium | 45-1 | | | | 86 | | % |
| Scandium | 45-2 | | | | 77 | | % |
| Selenium | 82-1 | 466.08 | 474.16 | 470.99 | 470.41 | 0.87 | ppb |
| Selenium | 77-2 | 441.07 | 448.60 | 449.51 | 446.39 | 1.04 | ppb |
| Selenium | 78-2 | 468.80 | 469.65 | 475.81 | 471.42 | 0.81 | ppb |
| Silicon | 28-1 | 211.25 | 216.61 | 218.78 | 215.55 | 1.80 | ppb |
| Silver | 107-1 | 466.37 | 485.08 | 475.76 | 475.73 | 1.97 | ppb |
| Silver | 109-1 | 467.07 | 478.08 | 469.17 | 471.44 | 1.24 | ppb |
| Sodium | 23-2 | 244623.84 | 239743.16 | 244924.47 | 243097.15 | 1.20 | ppb |
| Strontium | 86-1 | 12347.68 | 12210.30 | 12282.56 | 12280.18 | 0.56 | ppb |
| Strontium | 88-1 | 12107.42 | 12151.26 | 12410.85 | 12223.18 | 1.34 | ppb |
| Sulfur | 34-1 | 9707.47 | 9704.69 | 9801.95 | 9738.03 | 0.57 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 95 | | % |
| Thallium | 203-1 | 489.31 | 495.46 | 503.64 | 496.13 | 1.45 | ppb |
| Thallium | 205-1 | 492.16 | 492.86 | 497.00 | 494.01 | 0.53 | ppb |
| Tin | 118-1 | 478.18 | 492.30 | 484.87 | 485.12 | 1.46 | ppb |
| Titanium | 47-1 | 4840.89 | 4820.86 | 4909.39 | 4857.05 | 0.96 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:26:57 | DataFile Name : | 194CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 460.16 | 476.12 | 480.24 | 472.17 | 2.25 | ppb |
| Vanadium | 51-2 | 516.54 | 509.63 | 509.70 | 511.96 | 0.78 | ppb |
| Yttrium | 89-1 | | | | 91 | | % |
| Yttrium | 89-2 | | | | 84 | | % |
| Zinc | 66-2 | 4834.02 | 4794.03 | 4811.44 | 4813.16 | 0.42 | ppb |
| Zirconium | 90-1 | 478.27 | 487.29 | 493.09 | 486.22 | 1.54 | ppb |
| Zirconium | 91-1 | 490.21 | 490.10 | 497.15 | 492.49 | 0.82 | ppb |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:29:38 | DataFile Name : | 195CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4.79 | 4.62 | 4.21 | 4.54 | 6.59 | ppb |
| Antimony | 121-1 | 0.23 | 0.22 | 0.18 | 0.21 | 11.79 | ppb |
| Arsenic | 75-2 | 0.05 | 0.07 | 0.09 | 0.07 | 25.28 | ppb |
| Barium | 135-1 | 0.36 | 0.30 | 0.26 | 0.30 | 17.41 | ppb |
| Barium | 137-1 | 0.34 | 0.30 | 0.30 | 0.32 | 7.16 | ppb |
| Beryllium | 9-1 | 0.14 | 0.12 | 0.10 | 0.12 | 14.39 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.10 | -0.02 | 0.04 | 0.04 | 134.40 | ppb |
| Cadmium | 106-1 | -1.51 | -1.27 | -1.59 | -1.46 | | ppb |
| Cadmium | 111-1 | -0.04 | -0.02 | -0.05 | -0.04 | | ppb |
| Calcium | 43-1 | 38.50 | 32.80 | 28.70 | 33.33 | 14.76 | ppb |
| Calcium | 44-1 | 30.98 | 26.42 | 23.89 | 27.10 | 13.26 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.03 | 0.02 | 0.01 | 0.02 | 37.76 | ppb |
| Cobalt | 59-2 | 0.06 | 0.04 | 0.05 | 0.05 | 12.78 | ppb |
| Copper | 63-2 | 0.65 | 0.61 | 0.56 | 0.61 | 7.73 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 15.22 | 14.40 | 13.45 | 14.36 | 6.15 | ppb |
| Iron | 57-2 | 14.57 | 14.02 | 13.47 | 14.02 | 3.92 | ppb |
| Iron | 54-2 | 16.51 | 14.88 | 14.28 | 15.23 | 7.57 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:29:38 | DataFile Name : | 195CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.42 | 0.36 | 0.34 | 0.37 | 10.94 | ppb |
| Lead | 207-1 | 0.39 | 0.35 | 0.34 | 0.36 | 7.07 | ppb |
| Lead | 208-1 | 0.39 | 0.35 | 0.33 | 0.36 | 8.31 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 24.30 | 24.09 | 22.30 | 23.56 | 4.67 | ppb |
| Manganese | 55-2 | 0.60 | 0.59 | 0.55 | 0.58 | 4.37 | ppb |
| Molybdenum | 94-1 | 0.82 | 0.75 | 0.68 | 0.75 | 8.95 | ppb |
| Molybdenum | 95-1 | 0.83 | 0.72 | 0.66 | 0.74 | 11.64 | ppb |
| Molybdenum | 96-1 | 0.85 | 0.74 | 0.67 | 0.75 | 11.58 | ppb |
| Molybdenum | 97-1 | 0.80 | 0.70 | 0.63 | 0.71 | 12.24 | ppb |
| Molybdenum | 98-1 | 0.83 | 0.72 | 0.64 | 0.73 | 12.91 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.02 | 0.06 | 0.03 | 0.04 | 54.97 | ppb |
| Phosphorus | 31-2 | -18.13 | -15.93 | -18.78 | -17.61 | | ppb |
| Potassium | 39-2 | 21.78 | 20.51 | 19.35 | 20.55 | 5.91 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | -0.22 | -0.15 | -0.50 | -0.29 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | -1.01 | -0.97 | -1.32 | -1.10 | | ppb |
| Silicon | 28-1 | -16.72 | -16.48 | -16.38 | -16.53 | | ppb |
| Silver | 107-1 | 0.11 | 0.11 | 0.09 | 0.10 | 14.63 | ppb |
| Silver | 109-1 | 0.13 | 0.09 | 0.08 | 0.10 | 22.05 | ppb |
| Sodium | 23-2 | 45.37 | 43.21 | 40.59 | 43.05 | 5.56 | ppb |
| Strontium | 86-1 | 1.27 | 0.62 | 1.17 | 1.02 | 34.67 | ppb |
| Strontium | 88-1 | 1.85 | 1.71 | 1.37 | 1.64 | 15.18 | ppb |
| Sulfur | 34-1 | -207.95 | -187.98 | -127.31 | -174.41 | | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.13 | 0.10 | 0.09 | 0.10 | 17.21 | ppb |
| Thallium | 205-1 | 0.12 | 0.10 | 0.09 | 0.10 | 11.42 | ppb |
| Tin | 118-1 | 0.05 | 0.05 | 0.05 | 0.05 | 5.43 | ppb |
| Titanium | 47-1 | 0.77 | 0.61 | 0.69 | 0.69 | 11.23 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:29:38 | DataFile Name : | 195CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.06 | 0.05 | 0.05 | 0.05 | 12.97 | ppb |
| Vanadium | 51-2 | 0.05 | 0.06 | 0.04 | 0.05 | 16.05 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 0.75 | 0.70 | 0.69 | 0.71 | 4.54 | ppb |
| Zirconium | 90-1 | 0.09 | 0.07 | 0.07 | 0.08 | 9.75 | ppb |
| Zirconium | 91-1 | 0.08 | 0.07 | 0.07 | 0.07 | 10.40 | ppb |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 10:59:16 | DataFile Name : | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 133 | 173 | 147 | 151 | 13.48 | cps |
| Antimony | 121-1 | 23 | 23 | 23 | 23 | 0.00 | cps |
| Arsenic | 75-2 | 0 | 20 | 13 | 11 | 91.66 | cps |
| Barium | 135-1 | 70 | 80 | 43 | 64 | 29.41 | cps |
| Barium | 137-1 | 133 | 110 | 103 | 116 | 13.64 | cps |
| Beryllium | 9-1 | 50 | 60 | 60 | 57 | 10.19 | cps |
| Bismuth | 209-1 | 7951849 | 7837903 | 7890828 | 7893527 | 0.72 | cps |
| Bismuth | 209-2 | 6976952 | 6890811 | 6895473 | 6921079 | 0.70 | cps |
| Bromine | 81-1 | 15728 | 15458 | 15829 | 15672 | 1.22 | cps |
| Bromine | 81-2 | 203 | 183 | 163 | 183 | 10.91 | cps |
| Cadmium | 108-1 | 13 | 10 | 7 | 10 | 33.30 | cps |
| Cadmium | 106-1 | 3580 | 3460 | 3497 | 3513 | 1.75 | cps |
| Cadmium | 111-1 | 2510 | 2432 | 2460 | 2467 | 1.61 | cps |
| Calcium | 43-1 | 283 | 300 | 360 | 314 | 12.82 | cps |
| Calcium | 44-1 | 11591 | 11785 | 11678 | 11685 | 0.83 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1540 | 1583 | 1580 | 1568 | 1.54 | cps |
| Cobalt | 59-2 | 100 | 110 | 127 | 112 | 12.01 | cps |
| Copper | 63-2 | 723 | 737 | 740 | 733 | 1.20 | cps |
| Dysprosium | 156-1 | 17 | 20 | 17 | 18 | 10.81 | cps |
| Dysprosium | 156-2 | 10 | 3 | 7 | 7 | 50.03 | cps |
| Erbium | 164-1 | 40 | 50 | 53 | 48 | 14.52 | cps |
| Erbium | 164-2 | 33 | 37 | 37 | 36 | 5.42 | cps |
| Gadolinium | 160-1 | 53 | 67 | 93 | 71 | 28.64 | cps |
| Gadolinium | 160-2 | 297 | 440 | 413 | 383 | 19.89 | cps |
| Holmium | 165-1 | 14009303 | 13856685 | 13640244 | 13835410 | 1.34 | cps |
| Holmium | 165-2 | 10201488 | 9971341 | 10014918 | 10062582 | 1.21 | cps |
| Indium | 115-1 | 11977318 | 11920606 | 11726536 | 11874820 | 1.11 | cps |
| Indium | 115-2 | 4510664 | 4419738 | 4493666 | 4474690 | 1.08 | cps |
| Iron | 56-2 | 20003 | 19947 | 20120 | 20023 | 0.44 | cps |
| Iron | 57-2 | 887 | 973 | 890 | 917 | 5.36 | cps |
| Iron | 54-2 | 2470 | 2474 | 2567 | 2504 | 2.19 | cps |
| Krypton | 83-1 | 297 | 237 | 243 | 259 | 12.70 | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 10:59:16 | DataFile Name : | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 363 | 377 | 333 | 358 | 6.20 | cps |
| Lead | 207-1 | 260 | 233 | 307 | 267 | 13.92 | cps |
| Lead | 208-1 | 1377 | 1253 | 1280 | 1303 | 4.98 | cps |
| Lithium | 6-1 | 1726347 | 1660938 | 1695405 | 1694230 | 1.93 | cps |
| Magnesium | 24-2 | 587 | 617 | 543 | 582 | 6.33 | cps |
| Manganese | 55-2 | 237 | 287 | 263 | 262 | 9.54 | cps |
| Molybdenum | 94-1 | 350 | 347 | 327 | 341 | 3.70 | cps |
| Molybdenum | 95-1 | 163 | 150 | 157 | 157 | 4.26 | cps |
| Molybdenum | 96-1 | 287 | 240 | 253 | 260 | 9.25 | cps |
| Molybdenum | 97-1 | 93 | 90 | 110 | 98 | 10.96 | cps |
| Molybdenum | 98-1 | 243 | 233 | 280 | 252 | 9.74 | cps |
| Neodymium | 150-1 | 7 | 0 | 13 | 7 | 99.98 | cps |
| Neodymium | 150-2 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Nickel | 60-2 | 400 | 430 | 367 | 399 | 7.94 | cps |
| Phosphorus | 31-2 | 167 | 197 | 170 | 178 | 9.25 | cps |
| Potassium | 39-2 | 51363 | 51581 | 51554 | 51499 | 0.23 | cps |
| Rhodium | 103-1 | 11014207 | 10988398 | 10970906 | 10991170 | 0.20 | cps |
| Rhodium | 103-2 | 6802775 | 6804933 | 6771686 | 6793131 | 0.27 | cps |
| Scandium | 45-1 | 6643827 | 6664526 | 6619232 | 6642528 | 0.34 | cps |
| Scandium | 45-2 | 594270 | 593749 | 588822 | 592280 | 0.51 | cps |
| Selenium | 82-1 | 184 | 194 | 169 | 182 | 6.94 | cps |
| Selenium | 77-2 | 0 | 0 | 10 | 3 | 173.21 | cps |
| Selenium | 78-2 | 530 | 613 | 440 | 528 | 16.43 | cps |
| Silicon | 28-1 | 846039 | 849567 | 854650 | 850085 | 0.51 | cps |
| Silver | 107-1 | 70 | 107 | 70 | 82 | 25.75 | cps |
| Silver | 109-1 | 40 | 67 | 53 | 53 | 25.00 | cps |
| Sodium | 23-2 | 22470 | 22507 | 21652 | 22209 | 2.18 | cps |
| Strontium | 86-1 | 457 | 393 | 543 | 464 | 16.21 | cps |
| Strontium | 88-1 | 360 | 360 | 310 | 343 | 8.41 | cps |
| Sulfur | 34-1 | 196969 | 195956 | 196895 | 196606 | 0.29 | cps |
| Terbium | 159-1 | 14336934 | 14257282 | 14225417 | 14273211 | 0.40 | cps |
| Terbium | 159-2 | 10179293 | 10141589 | 10011633 | 10110839 | 0.87 | cps |
| Thallium | 203-1 | 327 | 267 | 237 | 277 | 16.57 | cps |
| Thallium | 205-1 | 673 | 620 | 647 | 647 | 4.12 | cps |
| Tin | 118-1 | 1340 | 1480 | 1387 | 1402 | 5.08 | cps |
| Titanium | 47-1 | 87 | 107 | 107 | 100 | 11.55 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 10:59:16 | DataFile Name : | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13 | 3 | 10 | 9 | 57.30 | cps |
| Vanadium | 51-2 | 10 | 17 | 7 | 11 | 45.82 | cps |
| Yttrium | 89-1 | 14021496 | 13750525 | 13899346 | 13890456 | 0.98 | cps |
| Yttrium | 89-2 | 3829861 | 3788340 | 3866900 | 3828367 | 1.03 | cps |
| Zinc | 66-2 | 220 | 247 | 270 | 246 | 10.19 | cps |
| Zirconium | 90-1 | 580 | 687 | 733 | 667 | 11.79 | cps |
| Zirconium | 91-1 | 110 | 177 | 117 | 134 | 27.31 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:05:51 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6298 | 6405 | 6601 | 6435 | 2.39 | cps |
| Antimony | 121-1 | 26889 | 27894 | 27099 | 27294 | 1.94 | cps |
| Arsenic | 75-2 | 723 | 767 | 823 | 771 | 6.50 | cps |
| Barium | 135-1 | 33980 | 33710 | 34001 | 33897 | 0.48 | cps |
| Barium | 137-1 | 58499 | 58429 | 58911 | 58613 | 0.44 | cps |
| Beryllium | 9-1 | 1910 | 1703 | 1857 | 1823 | 5.88 | cps |
| Bismuth | 209-1 | 8051830 | 7918237 | 7855801 | 7941956 | 1.26 | cps |
| Bismuth | 209-2 | 7021615 | 6936202 | 6999637 | 6985818 | 0.63 | cps |
| Bromine | 81-1 | 15178 | 15879 | 15084 | 15380 | 2.82 | cps |
| Bromine | 81-2 | 170 | 193 | 170 | 178 | 7.58 | cps |
| Cadmium | 108-1 | 180 | 283 | 273 | 246 | 23.21 | cps |
| Cadmium | 106-1 | 4057 | 3634 | 3771 | 3821 | 5.66 | cps |
| Cadmium | 111-1 | 6255 | 6133 | 5995 | 6127 | 2.12 | cps |
| Calcium | 43-1 | 20661 | 20604 | 20087 | 20451 | 1.55 | cps |
| Calcium | 44-1 | 332649 | 331517 | 336245 | 333470 | 0.74 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 13886 | 13633 | 13319 | 13613 | 2.09 | cps |
| Cobalt | 59-2 | 10137 | 10053 | 9907 | 10032 | 1.16 | cps |
| Copper | 63-2 | 13853 | 13957 | 13606 | 13805 | 1.30 | cps |
| Dysprosium | 156-1 | 30 | 17 | 33 | 27 | 33.06 | cps |
| Dysprosium | 156-2 | 17 | 13 | 7 | 12 | 41.65 | cps |
| Erbium | 164-1 | 53 | 60 | 37 | 50 | 24.03 | cps |
| Erbium | 164-2 | 50 | 43 | 47 | 47 | 7.15 | cps |
| Gadolinium | 160-1 | 70 | 67 | 67 | 68 | 2.84 | cps |
| Gadolinium | 160-2 | 323 | 423 | 387 | 378 | 13.39 | cps |
| Holmium | 165-1 | 13841377 | 13708279 | 13752334 | 13767330 | 0.49 | cps |
| Holmium | 165-2 | 10270954 | 10088216 | 10195521 | 10184897 | 0.90 | cps |
| Indium | 115-1 | 11856362 | 11894711 | 11721375 | 11824149 | 0.77 | cps |
| Indium | 115-2 | 4522600 | 4489120 | 4462989 | 4491569 | 0.67 | cps |
| Iron | 56-2 | 306697 | 307850 | 307015 | 307187 | 0.19 | cps |
| Iron | 57-2 | 8232 | 8072 | 8452 | 8252 | 2.31 | cps |
| Iron | 54-2 | 19256 | 18725 | 18882 | 18954 | 1.44 | cps |
| Krypton | 83-1 | 227 | 190 | 253 | 223 | 14.24 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:05:51 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9183 | 9573 | 9330 | 9362 | 2.11 | cps |
| Lead | 207-1 | 8319 | 8349 | 8349 | 8339 | 0.21 | cps |
| Lead | 208-1 | 37577 | 38231 | 37400 | 37736 | 1.16 | cps |
| Lithium | 6-1 | 1689351 | 1719961 | 1747528 | 1718947 | 1.69 | cps |
| Magnesium | 24-2 | 271932 | 270369 | 271024 | 271109 | 0.29 | cps |
| Manganese | 55-2 | 5004 | 5384 | 5111 | 5166 | 3.80 | cps |
| Molybdenum | 94-1 | 27977 | 28545 | 29336 | 28619 | 2.39 | cps |
| Molybdenum | 95-1 | 33896 | 34684 | 34501 | 34360 | 1.20 | cps |
| Molybdenum | 96-1 | 38474 | 38554 | 39493 | 38840 | 1.46 | cps |
| Molybdenum | 97-1 | 21803 | 21917 | 21406 | 21708 | 1.24 | cps |
| Molybdenum | 98-1 | 55883 | 55525 | 54672 | 55360 | 1.12 | cps |
| Neodymium | 150-1 | 10 | 10 | 10 | 10 | 0.00 | cps |
| Neodymium | 150-2 | 3 | 0 | 7 | 3 | 100.05 | cps |
| Nickel | 60-2 | 2887 | 2564 | 2897 | 2783 | 6.82 | cps |
| Phosphorus | 31-2 | 577 | 590 | 703 | 623 | 11.17 | cps |
| Potassium | 39-2 | 401941 | 398777 | 400542 | 400420 | 0.40 | cps |
| Rhodium | 103-1 | 11020172 | 11079650 | 10847424 | 10982415 | 1.10 | cps |
| Rhodium | 103-2 | 6870745 | 6762545 | 6769914 | 6801068 | 0.89 | cps |
| Scandium | 45-1 | 6663741 | 6497829 | 6602219 | 6587930 | 1.27 | cps |
| Scandium | 45-2 | 600583 | 596721 | 597835 | 598380 | 0.33 | cps |
| Selenium | 82-1 | 1297 | 1245 | 1258 | 1266 | 2.14 | cps |
| Selenium | 77-2 | 143 | 123 | 133 | 133 | 7.50 | cps |
| Selenium | 78-2 | 773 | 953 | 907 | 878 | 10.64 | cps |
| Silicon | 28-1 | 888017 | 1142370 | 1159736 | 1063374 | 14.30 | cps |
| Silver | 107-1 | 17107 | 17444 | 17317 | 17289 | 0.98 | cps |
| Silver | 109-1 | 17040 | 16162 | 17067 | 16756 | 3.07 | cps |
| Sodium | 23-2 | 434530 | 434518 | 433793 | 434280 | 0.10 | cps |
| Strontium | 86-1 | 4694 | 4781 | 4931 | 4802 | 2.49 | cps |
| Strontium | 88-1 | 39576 | 39005 | 38701 | 39094 | 1.14 | cps |
| Sulfur | 34-1 | 198859 | 201959 | 206300 | 202373 | 1.85 | cps |
| Terbium | 159-1 | 14201927 | 14176090 | 14154609 | 14177542 | 0.17 | cps |
| Terbium | 159-2 | 10288500 | 10294716 | 10236657 | 10273291 | 0.31 | cps |
| Thallium | 203-1 | 11852 | 11432 | 11819 | 11701 | 2.00 | cps |
| Thallium | 205-1 | 27621 | 26559 | 27862 | 27348 | 2.53 | cps |
| Tin | 118-1 | 58970 | 59251 | 58237 | 58819 | 0.89 | cps |
| Titanium | 47-1 | 9366 | 8713 | 8996 | 9025 | 3.63 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:05:51 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 34267 | 34942 | 33980 | 34396 | 1.44 | cps |
| Vanadium | 51-2 | 26643 | 26340 | 26490 | 26491 | 0.57 | cps |
| Yttrium | 89-1 | 13851695 | 14012449 | 13754698 | 13872947 | 0.94 | cps |
| Yttrium | 89-2 | 3833578 | 3833383 | 3847777 | 3838246 | 0.22 | cps |
| Zinc | 66-2 | 5861 | 6111 | 5788 | 5920 | 2.86 | cps |
| Zirconium | 90-1 | 23652 | 24117 | 23639 | 23803 | 1.14 | cps |
| Zirconium | 91-1 | 5008 | 5408 | 5364 | 5260 | 4.17 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:09:06 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 305989 | 306071 | 303705 | 305255 | 0.44 | cps |
| Antimony | 121-1 | 636096 | 644590 | 641383 | 640689 | 0.67 | cps |
| Arsenic | 75-2 | 35626 | 35365 | 35279 | 35423 | 0.51 | cps |
| Barium | 135-1 | 804678 | 816099 | 804129 | 808302 | 0.84 | cps |
| Barium | 137-1 | 1384282 | 1406377 | 1389354 | 1393338 | 0.83 | cps |
| Beryllium | 9-1 | 81201 | 84324 | 84692 | 83406 | 2.30 | cps |
| Bismuth | 209-1 | 8092996 | 8110291 | 7999279 | 8067522 | 0.74 | cps |
| Bismuth | 209-2 | 7049024 | 7060200 | 6950708 | 7019978 | 0.86 | cps |
| Bromine | 81-1 | 14807 | 15592 | 15338 | 15246 | 2.62 | cps |
| Bromine | 81-2 | 177 | 167 | 190 | 178 | 6.58 | cps |
| Cadmium | 108-1 | 12369 | 12462 | 12639 | 12490 | 1.10 | cps |
| Cadmium | 106-1 | 20678 | 21376 | 21426 | 21160 | 1.98 | cps |
| Cadmium | 111-1 | 169881 | 172546 | 172271 | 171566 | 0.85 | cps |
| Calcium | 43-1 | 188454 | 190686 | 188640 | 189260 | 0.65 | cps |
| Calcium | 44-1 | 2872382 | 2875853 | 2834505 | 2860913 | 0.80 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 280551 | 278399 | 275711 | 278220 | 0.87 | cps |
| Cobalt | 59-2 | 436316 | 435514 | 434153 | 435327 | 0.25 | cps |
| Copper | 63-2 | 3297039 | 3259229 | 3256319 | 3270862 | 0.69 | cps |
| Dysprosium | 156-1 | 37 | 43 | 33 | 38 | 13.48 | cps |
| Dysprosium | 156-2 | 43 | 50 | 50 | 48 | 8.06 | cps |
| Erbium | 164-1 | 43 | 53 | 50 | 49 | 10.42 | cps |
| Erbium | 164-2 | 20 | 37 | 20 | 26 | 37.66 | cps |
| Gadolinium | 160-1 | 53 | 60 | 50 | 54 | 9.35 | cps |
| Gadolinium | 160-2 | 397 | 447 | 420 | 421 | 5.94 | cps |
| Holmium | 165-1 | 14072726 | 14010332 | 14008579 | 14030546 | 0.26 | cps |
| Holmium | 165-2 | 10259764 | 10199410 | 10056095 | 10171756 | 1.03 | cps |
| Indium | 115-1 | 11752830 | 11981863 | 11886771 | 11873821 | 0.97 | cps |
| Indium | 115-2 | 4416329 | 4443137 | 4382191 | 4413886 | 0.69 | cps |
| Iron | 56-2 | 12959223 | 12980798 | 12888718 | 12942913 | 0.37 | cps |
| Iron | 57-2 | 330896 | 330323 | 330361 | 330527 | 0.10 | cps |
| Iron | 54-2 | 737606 | 731206 | 733145 | 733986 | 0.45 | cps |
| Krypton | 83-1 | 227 | 230 | 223 | 227 | 1.47 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:09:06 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2277449 | 2284167 | 2232402 | 2264673 | 1.24 | cps |
| Lead | 207-1 | 2080713 | 2067633 | 2067195 | 2071847 | 0.37 | cps |
| Lead | 208-1 | 9360451 | 9434867 | 9274333 | 9356551 | 0.86 | cps |
| Lithium | 6-1 | 1720679 | 1771806 | 1748685 | 1747057 | 1.47 | cps |
| Magnesium | 24-2 | 2407444 | 2435461 | 2421186 | 2421364 | 0.58 | cps |
| Manganese | 55-2 | 2189995 | 2204466 | 2185120 | 2193194 | 0.46 | cps |
| Molybdenum | 94-1 | 2282503 | 2300933 | 2292004 | 2291813 | 0.40 | cps |
| Molybdenum | 95-1 | 3321220 | 3279590 | 3340151 | 3313654 | 0.93 | cps |
| Molybdenum | 96-1 | 3595295 | 3604009 | 3642430 | 3613911 | 0.69 | cps |
| Molybdenum | 97-1 | 2062492 | 2071933 | 2080897 | 2071774 | 0.44 | cps |
| Molybdenum | 98-1 | 5275462 | 5281066 | 5385685 | 5314071 | 1.17 | cps |
| Neodymium | 150-1 | 47 | 53 | 53 | 51 | 7.52 | cps |
| Neodymium | 150-2 | 20 | 30 | 3 | 18 | 75.79 | cps |
| Nickel | 60-2 | 111215 | 112017 | 110567 | 111266 | 0.65 | cps |
| Phosphorus | 31-2 | 14841 | 14734 | 15131 | 14902 | 1.38 | cps |
| Potassium | 39-2 | 1653192 | 1654381 | 1604388 | 1637320 | 1.74 | cps |
| Rhodium | 103-1 | 11086177 | 11113897 | 10968607 | 11056227 | 0.70 | cps |
| Rhodium | 103-2 | 6789248 | 6724998 | 6680048 | 6731431 | 0.82 | cps |
| Scandium | 45-1 | 6638936 | 6708936 | 6662171 | 6670015 | 0.53 | cps |
| Scandium | 45-2 | 592341 | 595406 | 596859 | 594868 | 0.39 | cps |
| Selenium | 82-1 | 10315 | 10563 | 10453 | 10444 | 1.19 | cps |
| Selenium | 77-2 | 1033 | 1160 | 1137 | 1110 | 6.07 | cps |
| Selenium | 78-2 | 4151 | 4171 | 4331 | 4217 | 2.34 | cps |
| Silicon | 28-1 | 1926114 | 1913369 | 1927834 | 1922439 | 0.41 | cps |
| Silver | 107-1 | 841114 | 853772 | 845834 | 846906 | 0.76 | cps |
| Silver | 109-1 | 797918 | 803656 | 806402 | 802659 | 0.54 | cps |
| Sodium | 23-2 | 3993500 | 4020765 | 3942365 | 3985543 | 1.00 | cps |
| Strontium | 86-1 | 208423 | 210176 | 208004 | 208868 | 0.55 | cps |
| Strontium | 88-1 | 1805282 | 1835578 | 1827410 | 1822757 | 0.86 | cps |
| Sulfur | 34-1 | 250870 | 254320 | 255911 | 253700 | 1.02 | cps |
| Terbium | 159-1 | 14541941 | 14529229 | 14366714 | 14479295 | 0.67 | cps |
| Terbium | 159-2 | 10212603 | 10196192 | 10292199 | 10233665 | 0.50 | cps |
| Thallium | 203-1 | 543115 | 550729 | 549804 | 547883 | 0.76 | cps |
| Thallium | 205-1 | 1275086 | 1289116 | 1291903 | 1285368 | 0.70 | cps |
| Tin | 118-1 | 534365 | 544164 | 539565 | 539364 | 0.91 | cps |
| Titanium | 47-1 | 836901 | 842396 | 841558 | 840285 | 0.35 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:09:06 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1665466 | 1689376 | 1696754 | 1683865 | 0.97 | cps |
| Vanadium | 51-2 | 244282 | 244367 | 242742 | 243797 | 0.38 | cps |
| Yttrium | 89-1 | 14009612 | 14018514 | 13862128 | 13963418 | 0.63 | cps |
| Yttrium | 89-2 | 3803583 | 3741113 | 3772397 | 3772364 | 0.83 | cps |
| Zinc | 66-2 | 520400 | 513768 | 514749 | 516306 | 0.69 | cps |
| Zirconium | 90-1 | 1106756 | 1110659 | 1105230 | 1107548 | 0.25 | cps |
| Zirconium | 91-1 | 244182 | 248710 | 247643 | 246845 | 0.96 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:12:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 744941 | 749253 | 744594 | 746263 | 0.35 | cps |
| Antimony | 121-1 | 1653321 | 1655916 | 1662477 | 1657238 | 0.28 | cps |
| Arsenic | 75-2 | 86906 | 87673 | 86319 | 86966 | 0.78 | cps |
| Barium | 135-1 | 2105383 | 2150696 | 2133596 | 2129891 | 1.07 | cps |
| Barium | 137-1 | 3644428 | 3697732 | 3655115 | 3665758 | 0.77 | cps |
| Beryllium | 9-1 | 208766 | 211953 | 209117 | 209945 | 0.83 | cps |
| Bismuth | 209-1 | 8080363 | 8147836 | 8063505 | 8097235 | 0.55 | cps |
| Bismuth | 209-2 | 6992457 | 6935869 | 7013852 | 6980726 | 0.58 | cps |
| Bromine | 81-1 | 15158 | 15351 | 15331 | 15280 | 0.70 | cps |
| Bromine | 81-2 | 150 | 167 | 170 | 162 | 6.61 | cps |
| Cadmium | 108-1 | 30950 | 31020 | 31017 | 30995 | 0.13 | cps |
| Cadmium | 106-1 | 46849 | 47601 | 47237 | 47229 | 0.80 | cps |
| Cadmium | 111-1 | 421158 | 428512 | 422886 | 424185 | 0.91 | cps |
| Calcium | 43-1 | 469844 | 467466 | 472555 | 469955 | 0.54 | cps |
| Calcium | 44-1 | 7162847 | 7177030 | 7063090 | 7134322 | 0.87 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 680818 | 678214 | 673910 | 677647 | 0.51 | cps |
| Cobalt | 59-2 | 1064326 | 1067852 | 1054453 | 1062211 | 0.65 | cps |
| Copper | 63-2 | 7817992 | 7864148 | 7942051 | 7874730 | 0.80 | cps |
| Dysprosium | 156-1 | 40 | 67 | 57 | 54 | 24.75 | cps |
| Dysprosium | 156-2 | 87 | 80 | 87 | 84 | 4.56 | cps |
| Erbium | 164-1 | 63 | 70 | 80 | 71 | 11.80 | cps |
| Erbium | 164-2 | 57 | 47 | 23 | 42 | 40.52 | cps |
| Gadolinium | 160-1 | 67 | 97 | 73 | 79 | 19.97 | cps |
| Gadolinium | 160-2 | 357 | 487 | 383 | 409 | 16.79 | cps |
| Holmium | 165-1 | 13864710 | 14061860 | 14002974 | 13976515 | 0.72 | cps |
| Holmium | 165-2 | 10230349 | 10423724 | 10140544 | 10264872 | 1.41 | cps |
| Indium | 115-1 | 11812407 | 11788389 | 11758296 | 11786364 | 0.23 | cps |
| Indium | 115-2 | 4384769 | 4414000 | 4278268 | 4359012 | 1.64 | cps |
| Iron | 56-2 | 31872428 | 32138914 | 31285437 | 31765593 | 1.37 | cps |
| Iron | 57-2 | 804875 | 811514 | 799207 | 805199 | 0.77 | cps |
| Iron | 54-2 | 1747171 | 1765049 | 1736185 | 1749468 | 0.83 | cps |
| Krypton | 83-1 | 203 | 270 | 233 | 236 | 14.17 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:12:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5847332 | 5750783 | 5783955 | 5794024 | 0.85 | cps |
| Lead | 207-1 | 5318296 | 5310048 | 5281063 | 5303136 | 0.37 | cps |
| Lead | 208-1 | 23834786 | 23816176 | 23736913 | 23795958 | 0.22 | cps |
| Lithium | 6-1 | 1773510 | 1751985 | 1805727 | 1777074 | 1.52 | cps |
| Magnesium | 24-2 | 5897908 | 5883294 | 5811983 | 5864395 | 0.78 | cps |
| Manganese | 55-2 | 5387373 | 5404290 | 5321039 | 5370901 | 0.82 | cps |
| Molybdenum | 94-1 | 5757997 | 5760446 | 5747533 | 5755325 | 0.12 | cps |
| Molybdenum | 95-1 | 8293782 | 8321285 | 8269001 | 8294689 | 0.32 | cps |
| Molybdenum | 96-1 | 9029899 | 9133032 | 9151167 | 9104699 | 0.72 | cps |
| Molybdenum | 97-1 | 5198567 | 5141962 | 5114586 | 5151705 | 0.83 | cps |
| Molybdenum | 98-1 | 13359166 | 13343799 | 13298015 | 13333660 | 0.24 | cps |
| Neodymium | 150-1 | 77 | 117 | 110 | 101 | 21.19 | cps |
| Neodymium | 150-2 | 23 | 33 | 17 | 24 | 34.31 | cps |
| Nickel | 60-2 | 271394 | 269039 | 268907 | 269780 | 0.52 | cps |
| Phosphorus | 31-2 | 36467 | 35879 | 35785 | 36043 | 1.03 | cps |
| Potassium | 39-2 | 3904075 | 3908920 | 3850977 | 3887991 | 0.83 | cps |
| Rhodium | 103-1 | 10837107 | 10942571 | 10877023 | 10885567 | 0.49 | cps |
| Rhodium | 103-2 | 6590253 | 6557514 | 6527845 | 6558537 | 0.48 | cps |
| Scandium | 45-1 | 6625188 | 6631439 | 6540067 | 6598898 | 0.77 | cps |
| Scandium | 45-2 | 582179 | 574935 | 568583 | 575233 | 1.18 | cps |
| Selenium | 82-1 | 26052 | 25927 | 25882 | 25954 | 0.34 | cps |
| Selenium | 77-2 | 2674 | 2754 | 2640 | 2689 | 2.17 | cps |
| Selenium | 78-2 | 9820 | 9346 | 9503 | 9557 | 2.53 | cps |
| Silicon | 28-1 | 3094370 | 3117955 | 3080172 | 3097499 | 0.62 | cps |
| Silver | 107-1 | 2160534 | 2150544 | 2145844 | 2152307 | 0.35 | cps |
| Silver | 109-1 | 2093903 | 2110465 | 2036830 | 2080399 | 1.86 | cps |
| Sodium | 23-2 | 9876779 | 9735875 | 9702176 | 9771610 | 0.95 | cps |
| Strontium | 86-1 | 517141 | 523600 | 521167 | 520636 | 0.63 | cps |
| Strontium | 88-1 | 4645970 | 4622972 | 4610709 | 4626550 | 0.39 | cps |
| Sulfur | 34-1 | 324921 | 326481 | 323376 | 324926 | 0.48 | cps |
| Terbium | 159-1 | 14433091 | 14492915 | 14523333 | 14483113 | 0.32 | cps |
| Terbium | 159-2 | 10276408 | 10289458 | 10052999 | 10206288 | 1.30 | cps |
| Thallium | 203-1 | 1369173 | 1382673 | 1385091 | 1378979 | 0.62 | cps |
| Thallium | 205-1 | 3505227 | 3536366 | 3513399 | 3518331 | 0.46 | cps |
| Tin | 118-1 | 1342626 | 1353245 | 1348344 | 1348071 | 0.39 | cps |
| Titanium | 47-1 | 2088122 | 2098791 | 2097629 | 2094847 | 0.28 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:12:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4661691 | 4634204 | 4683710 | 4659869 | 0.53 | cps |
| Vanadium | 51-2 | 598307 | 602416 | 591760 | 597494 | 0.90 | cps |
| Yttrium | 89-1 | 13830780 | 14001624 | 13887136 | 13906513 | 0.63 | cps |
| Yttrium | 89-2 | 3722399 | 3765778 | 3674699 | 3720959 | 1.22 | cps |
| Zinc | 66-2 | 1268197 | 1266811 | 1256922 | 1263977 | 0.49 | cps |
| Zirconium | 90-1 | 2830167 | 2798074 | 2860622 | 2829621 | 1.11 | cps |
| Zirconium | 91-1 | 612451 | 619425 | 618978 | 616951 | 0.63 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:14:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1275514 | 1270444 | 1270122 | 1272027 | 0.24 | cps |
| Antimony | 121-1 | 3113879 | 3126795 | 3146942 | 3129205 | 0.53 | cps |
| Arsenic | 75-2 | 150275 | 149356 | 147305 | 148979 | 1.02 | cps |
| Barium | 135-1 | 3978400 | 4028866 | 3952531 | 3986599 | 0.97 | cps |
| Barium | 137-1 | 6741155 | 6855887 | 6828784 | 6808609 | 0.88 | cps |
| Beryllium | 9-1 | 398475 | 400028 | 399169 | 399224 | 0.19 | cps |
| Bismuth | 209-1 | 8242988 | 8050311 | 8044171 | 8112490 | 1.39 | cps |
| Bismuth | 209-2 | 6790956 | 6853662 | 6735450 | 6793356 | 0.87 | cps |
| Bromine | 81-1 | 13793 | 13253 | 13486 | 13511 | 2.01 | cps |
| Bromine | 81-2 | 150 | 117 | 113 | 127 | 16.00 | cps |
| Cadmium | 108-1 | 57503 | 57962 | 57219 | 57561 | 0.65 | cps |
| Cadmium | 106-1 | 83653 | 84990 | 83632 | 84092 | 0.92 | cps |
| Cadmium | 111-1 | 781851 | 793407 | 780195 | 785151 | 0.92 | cps |
| Calcium | 43-1 | 872187 | 870866 | 851252 | 864768 | 1.36 | cps |
| Calcium | 44-1 | 13380836 | 13244959 | 12910744 | 13178846 | 1.84 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1157207 | 1144085 | 1139600 | 1146964 | 0.80 | cps |
| Cobalt | 59-2 | 1857906 | 1842256 | 1803060 | 1834407 | 1.54 | cps |
| Copper | 63-2 | 13479102 | 13417926 | 13240288 | 13379105 | 0.93 | cps |
| Dysprosium | 156-1 | 67 | 93 | 80 | 80 | 16.66 | cps |
| Dysprosium | 156-2 | 90 | 150 | 137 | 126 | 25.09 | cps |
| Erbium | 164-1 | 67 | 80 | 73 | 73 | 9.09 | cps |
| Erbium | 164-2 | 33 | 87 | 63 | 61 | 43.76 | cps |
| Gadolinium | 160-1 | 100 | 73 | 80 | 84 | 16.44 | cps |
| Gadolinium | 160-2 | 377 | 407 | 353 | 379 | 7.06 | cps |
| Holmium | 165-1 | 14162970 | 13744251 | 13659211 | 13855477 | 1.95 | cps |
| Holmium | 165-2 | 9838757 | 9703677 | 9746225 | 9762887 | 0.71 | cps |
| Indium | 115-1 | 11637312 | 11306301 | 11082757 | 11342123 | 2.46 | cps |
| Indium | 115-2 | 3989935 | 3923484 | 3940002 | 3951140 | 0.88 | cps |
| Iron | 56-2 | 55078519 | 54583674 | 53719388 | 54460527 | 1.26 | cps |
| Iron | 57-2 | 1364945 | 1384279 | 1374114 | 1374446 | 0.70 | cps |
| Iron | 54-2 | 3033898 | 2953589 | 2976287 | 2987924 | 1.39 | cps |
| Krypton | 83-1 | 203 | 240 | 180 | 208 | 14.56 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:14:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11102858 | 11371470 | 11301450 | 11258593 | 1.24 | cps |
| Lead | 207-1 | 10127067 | 10233119 | 10385555 | 10248580 | 1.27 | cps |
| Lead | 208-1 | 45841324 | 46582151 | 46743610 | 46389028 | 1.04 | cps |
| Lithium | 6-1 | 1838930 | 1823105 | 1783110 | 1815048 | 1.59 | cps |
| Magnesium | 24-2 | 10206447 | 10088341 | 10080429 | 10125072 | 0.70 | cps |
| Manganese | 55-2 | 9370410 | 9223487 | 9271605 | 9288501 | 0.81 | cps |
| Molybdenum | 94-1 | 10718910 | 10882117 | 10515953 | 10705660 | 1.71 | cps |
| Molybdenum | 95-1 | 15536326 | 15749724 | 15325026 | 15537026 | 1.37 | cps |
| Molybdenum | 96-1 | 16953038 | 17171203 | 16636893 | 16920378 | 1.59 | cps |
| Molybdenum | 97-1 | 9535569 | 9646809 | 9524803 | 9569060 | 0.71 | cps |
| Molybdenum | 98-1 | 24811066 | 25125105 | 24671099 | 24869090 | 0.93 | cps |
| Neodymium | 150-1 | 183 | 183 | 213 | 193 | 8.96 | cps |
| Neodymium | 150-2 | 33 | 47 | 40 | 40 | 16.68 | cps |
| Nickel | 60-2 | 457172 | 452723 | 449113 | 453003 | 0.89 | cps |
| Phosphorus | 31-2 | 59940 | 59993 | 59264 | 59732 | 0.68 | cps |
| Potassium | 39-2 | 6523275 | 6474335 | 6484890 | 6494167 | 0.40 | cps |
| Rhodium | 103-1 | 10607566 | 10296441 | 10053285 | 10319097 | 2.69 | cps |
| Rhodium | 103-2 | 6049691 | 6001285 | 5976388 | 6009121 | 0.62 | cps |
| Scandium | 45-1 | 6498740 | 6216582 | 6083141 | 6266155 | 3.39 | cps |
| Scandium | 45-2 | 508048 | 499254 | 497574 | 501625 | 1.12 | cps |
| Selenium | 82-1 | 47790 | 47592 | 47276 | 47553 | 0.55 | cps |
| Selenium | 77-2 | 4687 | 4744 | 4891 | 4774 | 2.20 | cps |
| Selenium | 78-2 | 16429 | 15698 | 15648 | 15925 | 2.74 | cps |
| Silicon | 28-1 | 4755324 | 4846702 | 4679838 | 4760622 | 1.76 | cps |
| Silver | 107-1 | 4023541 | 4064979 | 3971067 | 4019862 | 1.17 | cps |
| Silver | 109-1 | 3885309 | 3887268 | 3796198 | 3856258 | 1.35 | cps |
| Sodium | 23-2 | 16764269 | 16675270 | 16758127 | 16732555 | 0.30 | cps |
| Strontium | 86-1 | 965177 | 970521 | 956429 | 964042 | 0.74 | cps |
| Strontium | 88-1 | 8557062 | 8555166 | 8271081 | 8461103 | 1.94 | cps |
| Sulfur | 34-1 | 415091 | 418296 | 407530 | 413639 | 1.34 | cps |
| Terbium | 159-1 | 14552306 | 14175827 | 14000807 | 14242980 | 1.98 | cps |
| Terbium | 159-2 | 9850001 | 9772846 | 9623006 | 9748618 | 1.18 | cps |
| Thallium | 203-1 | 2891619 | 2891690 | 2906828 | 2896713 | 0.30 | cps |
| Thallium | 205-1 | 6825714 | 6916868 | 6843547 | 6862043 | 0.70 | cps |
| Tin | 118-1 | 2618667 | 2616329 | 2530909 | 2588635 | 1.93 | cps |
| Titanium | 47-1 | 3912791 | 3886141 | 3870018 | 3889650 | 0.56 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:14:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8955624 | 9167566 | 9117258 | 9080149 | 1.22 | cps |
| Vanadium | 51-2 | 1028061 | 1007020 | 1006368 | 1013816 | 1.22 | cps |
| Yttrium | 89-1 | 13720382 | 13108487 | 12914640 | 13247836 | 3.17 | cps |
| Yttrium | 89-2 | 3386463 | 3337150 | 3322380 | 3348664 | 1.00 | cps |
| Zinc | 66-2 | 2235374 | 2229845 | 2238164 | 2234461 | 0.19 | cps |
| Zirconium | 90-1 | 5328919 | 5330397 | 5186288 | 5281868 | 1.57 | cps |
| Zirconium | 91-1 | 1149281 | 1155034 | 1145913 | 1150076 | 0.40 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:17:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2487314 | 2473914 | 2465566 | 2475598 | 0.44 | cps |
| Antimony | 121-1 | 5927195 | 5986433 | 5951495 | 5955041 | 0.50 | cps |
| Arsenic | 75-2 | 287576 | 289235 | 288209 | 288340 | 0.29 | cps |
| Barium | 135-1 | 7671230 | 7630880 | 7702958 | 7668356 | 0.47 | cps |
| Barium | 137-1 | 12992370 | 12979823 | 13088678 | 13020290 | 0.46 | cps |
| Beryllium | 9-1 | 750408 | 764741 | 763093 | 759414 | 1.03 | cps |
| Bismuth | 209-1 | 7498064 | 7835052 | 7974492 | 7769203 | 3.15 | cps |
| Bismuth | 209-2 | 6725044 | 6702921 | 6897347 | 6775104 | 1.57 | cps |
| Bromine | 81-1 | 11485 | 11838 | 11421 | 11581 | 1.94 | cps |
| Bromine | 81-2 | 127 | 130 | 103 | 120 | 12.11 | cps |
| Cadmium | 108-1 | 107736 | 108397 | 109210 | 108448 | 0.68 | cps |
| Cadmium | 106-1 | 153296 | 154639 | 153858 | 153931 | 0.44 | cps |
| Cadmium | 111-1 | 1463952 | 1480824 | 1474135 | 1472970 | 0.58 | cps |
| Calcium | 43-1 | 1527949 | 1522990 | 1545302 | 1532080 | 0.76 | cps |
| Calcium | 44-1 | 24373468 | 24507726 | 24342279 | 24407824 | 0.36 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2224371 | 2224099 | 2234528 | 2227666 | 0.27 | cps |
| Cobalt | 59-2 | 3566147 | 3522374 | 3567941 | 3552154 | 0.73 | cps |
| Copper | 63-2 | 25891280 | 25772970 | 25737269 | 25800506 | 0.31 | cps |
| Dysprosium | 156-1 | 137 | 100 | 167 | 134 | 24.84 | cps |
| Dysprosium | 156-2 | 247 | 277 | 273 | 266 | 6.19 | cps |
| Erbium | 164-1 | 87 | 130 | 117 | 111 | 19.97 | cps |
| Erbium | 164-2 | 80 | 120 | 93 | 98 | 20.83 | cps |
| Gadolinium | 160-1 | 120 | 77 | 120 | 106 | 23.70 | cps |
| Gadolinium | 160-2 | 383 | 400 | 423 | 402 | 5.00 | cps |
| Holmium | 165-1 | 12783934 | 13612336 | 13327363 | 13241211 | 3.18 | cps |
| Holmium | 165-2 | 9705621 | 9774382 | 9862586 | 9780863 | 0.80 | cps |
| Indium | 115-1 | 9909649 | 10482056 | 10385873 | 10259192 | 2.99 | cps |
| Indium | 115-2 | 3866081 | 3833321 | 3817726 | 3839043 | 0.64 | cps |
| Iron | 56-2 | 106098105 | 105009452 | 106723952 | 105943836 | 0.82 | cps |
| Iron | 57-2 | 2662764 | 2601858 | 2619983 | 2628202 | 1.19 | cps |
| Iron | 54-2 | 5808126 | 5712482 | 5821467 | 5780692 | 1.03 | cps |
| Krypton | 83-1 | 153 | 257 | 213 | 208 | 24.97 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:17:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22591913 | 22455173 | 22464783 | 22503956 | 0.34 | cps |
| Lead | 207-1 | 20505360 | 20505360 | 20472199 | 20494306 | 0.09 | cps |
| Lead | 208-1 | 92024445 | 92827569 | 92242754 | 92364923 | 0.45 | cps |
| Lithium | 6-1 | 1637806 | 1783356 | 1729197 | 1716786 | 4.28 | cps |
| Magnesium | 24-2 | 19652181 | 19495009 | 19630553 | 19592581 | 0.43 | cps |
| Manganese | 55-2 | 18025350 | 17899228 | 18207375 | 18043984 | 0.86 | cps |
| Molybdenum | 94-1 | 20088526 | 20207071 | 20169444 | 20155014 | 0.30 | cps |
| Molybdenum | 95-1 | 29122357 | 29155105 | 29106413 | 29127958 | 0.09 | cps |
| Molybdenum | 96-1 | 31983347 | 31942956 | 31434331 | 31786878 | 0.96 | cps |
| Molybdenum | 97-1 | 18219666 | 17997990 | 17924431 | 18047363 | 0.85 | cps |
| Molybdenum | 98-1 | 46949451 | 46815451 | 46254409 | 46673104 | 0.79 | cps |
| Neodymium | 150-1 | 370 | 327 | 293 | 330 | 11.65 | cps |
| Neodymium | 150-2 | 67 | 90 | 93 | 83 | 17.43 | cps |
| Nickel | 60-2 | 864201 | 867923 | 868178 | 866768 | 0.26 | cps |
| Phosphorus | 31-2 | 114333 | 115914 | 115884 | 115377 | 0.78 | cps |
| Potassium | 39-2 | 12660483 | 12594321 | 12641573 | 12632126 | 0.27 | cps |
| Rhodium | 103-1 | 8912105 | 9496073 | 9355187 | 9254455 | 3.29 | cps |
| Rhodium | 103-2 | 5731583 | 5700055 | 5808834 | 5746824 | 0.97 | cps |
| Scandium | 45-1 | 5397142 | 5689403 | 5640299 | 5575615 | 2.81 | cps |
| Scandium | 45-2 | 483230 | 482849 | 485862 | 483980 | 0.34 | cps |
| Selenium | 82-1 | 87950 | 87527 | 87395 | 87624 | 0.33 | cps |
| Selenium | 77-2 | 9026 | 8999 | 9306 | 9111 | 1.87 | cps |
| Selenium | 78-2 | 30555 | 30358 | 30308 | 30407 | 0.43 | cps |
| Silicon | 28-1 | 7290724 | 7316441 | 7307216 | 7304794 | 0.18 | cps |
| Silver | 107-1 | 7492839 | 7485433 | 7381092 | 7453121 | 0.84 | cps |
| Silver | 109-1 | 7210249 | 7184507 | 7182326 | 7192360 | 0.22 | cps |
| Sodium | 23-2 | 32533434 | 32224215 | 32443262 | 32400304 | 0.49 | cps |
| Strontium | 86-1 | 1889460 | 1854066 | 1833514 | 1859014 | 1.52 | cps |
| Strontium | 88-1 | 16191264 | 16130136 | 16175478 | 16165626 | 0.20 | cps |
| Sulfur | 34-1 | 582793 | 579787 | 579462 | 580681 | 0.32 | cps |
| Terbium | 159-1 | 13030280 | 13820792 | 13816266 | 13555780 | 3.36 | cps |
| Terbium | 159-2 | 9731612 | 9704029 | 9741188 | 9725610 | 0.20 | cps |
| Thallium | 203-1 | 5827546 | 5777008 | 5878395 | 5827650 | 0.87 | cps |
| Thallium | 205-1 | 13724435 | 13901065 | 13690299 | 13771933 | 0.82 | cps |
| Tin | 118-1 | 5001651 | 4977950 | 4972180 | 4983927 | 0.31 | cps |
| Titanium | 47-1 | 7026123 | 7088151 | 7168994 | 7094423 | 1.01 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:17:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18710437 | 18823121 | 18981343 | 18838301 | 0.72 | cps |
| Vanadium | 51-2 | 1966386 | 1973317 | 1961507 | 1967070 | 0.30 | cps |
| Yttrium | 89-1 | 11655620 | 12289980 | 12227836 | 12057812 | 2.90 | cps |
| Yttrium | 89-2 | 3302280 | 3292075 | 3287396 | 3293917 | 0.23 | cps |
| Zinc | 66-2 | 4330023 | 4322298 | 4340690 | 4331004 | 0.21 | cps |
| Zirconium | 90-1 | 9855958 | 10003876 | 9993912 | 9951249 | 0.83 | cps |
| Zirconium | 91-1 | 2155716 | 2209618 | 2186443 | 2183926 | 1.24 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:20:30 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4988355 | 4921790 | 4918917 | 4943021 | 0.79 | cps |
| Antimony | 121-1 | 11792236 | 11976783 | 11822985 | 11864001 | 0.83 | cps |
| Arsenic | 75-2 | 573149 | 576881 | 570000 | 573343 | 0.60 | cps |
| Barium | 135-1 | 15290981 | 15311304 | 15237512 | 15279932 | 0.25 | cps |
| Barium | 137-1 | 26232225 | 26124345 | 25813701 | 26056757 | 0.83 | cps |
| Beryllium | 9-1 | 1492681 | 1481667 | 1483957 | 1486102 | 0.39 | cps |
| Bismuth | 209-1 | 7809328 | 7856384 | 7749473 | 7805062 | 0.69 | cps |
| Bismuth | 209-2 | 6546685 | 6567580 | 6643815 | 6586027 | 0.78 | cps |
| Bromine | 81-1 | 11641 | 11948 | 11655 | 11748 | 1.48 | cps |
| Bromine | 81-2 | 70 | 87 | 117 | 91 | 25.96 | cps |
| Cadmium | 108-1 | 209345 | 211502 | 213206 | 211351 | 0.92 | cps |
| Cadmium | 106-1 | 295049 | 299318 | 301390 | 298586 | 1.08 | cps |
| Cadmium | 111-1 | 2989459 | 2979087 | 3010957 | 2993167 | 0.54 | cps |
| Calcium | 43-1 | 2986322 | 3025036 | 3030817 | 3014058 | 0.80 | cps |
| Calcium | 44-1 | 47784741 | 48455169 | 48448606 | 48229505 | 0.80 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4481800 | 4480771 | 4437542 | 4466704 | 0.57 | cps |
| Cobalt | 59-2 | 7091055 | 7066009 | 7097522 | 7084862 | 0.23 | cps |
| Copper | 63-2 | 51495759 | 51055369 | 50586331 | 51045820 | 0.89 | cps |
| Dysprosium | 156-1 | 213 | 210 | 243 | 222 | 8.26 | cps |
| Dysprosium | 156-2 | 577 | 603 | 583 | 588 | 2.36 | cps |
| Erbium | 164-1 | 177 | 200 | 173 | 183 | 7.92 | cps |
| Erbium | 164-2 | 137 | 117 | 167 | 140 | 17.98 | cps |
| Gadolinium | 160-1 | 200 | 203 | 163 | 189 | 11.75 | cps |
| Gadolinium | 160-2 | 437 | 547 | 473 | 486 | 11.53 | cps |
| Holmium | 165-1 | 13556557 | 13605911 | 13559664 | 13574044 | 0.20 | cps |
| Holmium | 165-2 | 9709663 | 9779757 | 9725885 | 9738435 | 0.38 | cps |
| Indium | 115-1 | 10123246 | 10274005 | 10335047 | 10244099 | 1.06 | cps |
| Indium | 115-2 | 3744644 | 3715274 | 3769851 | 3743256 | 0.73 | cps |
| Iron | 56-2 | 212546617 | 214689203 | 210513390 | 212583070 | 0.98 | cps |
| Iron | 57-2 | 5217255 | 5267091 | 5263242 | 5249196 | 0.53 | cps |
| Iron | 54-2 | 11465536 | 11548812 | 11566200 | 11526849 | 0.47 | cps |
| Krypton | 83-1 | 203 | 223 | 210 | 212 | 4.80 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:20:30 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 44811604 | 44825038 | 44398169 | 44678270 | 0.54 | cps |
| Lead | 207-1 | 40538973 | 40590879 | 40637153 | 40589001 | 0.12 | cps |
| Lead | 208-1 | 184040461 | 183241758 | 183203067 | 183495096 | 0.26 | cps |
| Lithium | 6-1 | 1713297 | 1717958 | 1689491 | 1706915 | 0.89 | cps |
| Magnesium | 24-2 | 39231126 | 39210577 | 38911329 | 39117677 | 0.46 | cps |
| Manganese | 55-2 | 36162023 | 36367341 | 35720278 | 36083214 | 0.92 | cps |
| Molybdenum | 94-1 | 39912194 | 40606648 | 40175694 | 40231512 | 0.87 | cps |
| Molybdenum | 95-1 | 57603062 | 58556502 | 58397931 | 58185832 | 0.88 | cps |
| Molybdenum | 96-1 | 63007046 | 63826561 | 63099954 | 63311187 | 0.71 | cps |
| Molybdenum | 97-1 | 35962352 | 35964407 | 36541511 | 36156090 | 0.92 | cps |
| Molybdenum | 98-1 | 92699199 | 93669839 | 94097032 | 93488690 | 0.77 | cps |
| Neodymium | 150-1 | 690 | 697 | 647 | 678 | 4.01 | cps |
| Neodymium | 150-2 | 130 | 110 | 117 | 119 | 8.57 | cps |
| Nickel | 60-2 | 1767282 | 1819064 | 1793855 | 1793400 | 1.44 | cps |
| Phosphorus | 31-2 | 231630 | 229890 | 229198 | 230239 | 0.54 | cps |
| Potassium | 39-2 | 25248270 | 25563090 | 25136097 | 25315819 | 0.87 | cps |
| Rhodium | 103-1 | 9133155 | 9217774 | 9166315 | 9172415 | 0.46 | cps |
| Rhodium | 103-2 | 5712108 | 5685141 | 5676965 | 5691405 | 0.32 | cps |
| Scandium | 45-1 | 5636529 | 5661110 | 5660815 | 5652818 | 0.25 | cps |
| Scandium | 45-2 | 486611 | 489260 | 486479 | 487450 | 0.32 | cps |
| Selenium | 82-1 | 169997 | 172382 | 170935 | 171105 | 0.70 | cps |
| Selenium | 77-2 | 18024 | 18258 | 18078 | 18120 | 0.68 | cps |
| Selenium | 78-2 | 59897 | 59733 | 58973 | 59535 | 0.83 | cps |
| Silicon | 28-1 | 13169136 | 13149151 | 13107836 | 13142041 | 0.24 | cps |
| Silver | 107-1 | 14459829 | 14553612 | 14459756 | 14491066 | 0.37 | cps |
| Silver | 109-1 | 13965058 | 14051619 | 14033804 | 14016827 | 0.33 | cps |
| Sodium | 23-2 | 64630224 | 65211572 | 64854159 | 64898652 | 0.45 | cps |
| Strontium | 86-1 | 3676392 | 3726432 | 3713750 | 3705525 | 0.70 | cps |
| Strontium | 88-1 | 31993415 | 32222810 | 32324702 | 32180309 | 0.53 | cps |
| Sulfur | 34-1 | 975861 | 982054 | 984253 | 980723 | 0.44 | cps |
| Terbium | 159-1 | 13777605 | 13839888 | 13852187 | 13823227 | 0.29 | cps |
| Terbium | 159-2 | 9672089 | 9705399 | 9829872 | 9735787 | 0.85 | cps |
| Thallium | 203-1 | 11603450 | 11657965 | 11514057 | 11591824 | 0.63 | cps |
| Thallium | 205-1 | 27510625 | 27534975 | 27242987 | 27429529 | 0.59 | cps |
| Tin | 118-1 | 9824227 | 9847143 | 9945492 | 9872287 | 0.65 | cps |
| Titanium | 47-1 | 14108239 | 14148774 | 14266722 | 14174579 | 0.58 | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:20:30 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 38146975 | 37929774 | 37861515 | 37979422 | 0.39 | cps |
| Vanadium | 51-2 | 3999747 | 3977124 | 3947014 | 3974628 | 0.67 | cps |
| Yttrium | 89-1 | 12259250 | 12323464 | 12252681 | 12278465 | 0.32 | cps |
| Yttrium | 89-2 | 3301905 | 3304334 | 3272806 | 3293015 | 0.53 | cps |
| Zinc | 66-2 | 8588581 | 8520694 | 8393746 | 8501007 | 1.16 | cps |
| Zirconium | 90-1 | 19829476 | 19860751 | 20005084 | 19898437 | 0.47 | cps |
| Zirconium | 91-1 | 4376487 | 4359660 | 4410606 | 4382251 | 0.59 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:23:17 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 27437574 | 27253811 | 27669653 | 27453679 | 0.76 | cps |
| Antimony | 121-1 | 7829 | 7135 | 6498 | 7154 | 9.30 | cps |
| Arsenic | 75-2 | 387 | 363 | 323 | 358 | 8.95 | cps |
| Barium | 135-1 | 9113 | 7892 | 7219 | 8075 | 11.89 | cps |
| Barium | 137-1 | 15091 | 13940 | 12589 | 13874 | 9.03 | cps |
| Beryllium | 9-1 | 597 | 500 | 493 | 530 | 10.91 | cps |
| Bismuth | 209-1 | 7288883 | 6850332 | 6743712 | 6960976 | 4.15 | cps |
| Bismuth | 209-2 | 5952066 | 5959371 | 5990297 | 5967244 | 0.34 | cps |
| Bromine | 81-1 | 13039 | 13199 | 12555 | 12931 | 2.59 | cps |
| Bromine | 81-2 | 140 | 140 | 177 | 152 | 13.91 | cps |
| Cadmium | 108-1 | 103 | 153 | 97 | 118 | 26.30 | cps |
| Cadmium | 106-1 | 3150 | 3147 | 3070 | 3123 | 1.45 | cps |
| Cadmium | 111-1 | 3110 | 2899 | 2865 | 2958 | 4.48 | cps |
| Calcium | 43-1 | 14976617 | 15188909 | 15292744 | 15152757 | 1.06 | cps |
| Calcium | 44-1 | 241675876 | 241188763 | 245607096 | 242823912 | 1.00 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 7576 | 7175 | 7459 | 7403 | 2.78 | cps |
| Cobalt | 59-2 | 18695 | 18825 | 19363 | 18961 | 1.87 | cps |
| Copper | 63-2 | 11281 | 10277 | 9923 | 10494 | 6.71 | cps |
| Dysprosium | 156-1 | 353 | 460 | 413 | 409 | 13.08 | cps |
| Dysprosium | 156-2 | 390 | 340 | 373 | 368 | 6.92 | cps |
| Erbium | 164-1 | 443 | 510 | 547 | 500 | 10.48 | cps |
| Erbium | 164-2 | 337 | 313 | 360 | 337 | 6.93 | cps |
| Gadolinium | 160-1 | 440 | 437 | 520 | 466 | 10.13 | cps |
| Gadolinium | 160-2 | 780 | 713 | 640 | 711 | 9.85 | cps |
| Holmium | 165-1 | 13836897 | 12773506 | 12889314 | 13166573 | 4.43 | cps |
| Holmium | 165-2 | 9711092 | 9628569 | 9596200 | 9645287 | 0.61 | cps |
| Indium | 115-1 | 10574546 | 9929510 | 9904998 | 10136351 | 3.75 | cps |
| Indium | 115-2 | 3794820 | 3783794 | 3824699 | 3801104 | 0.56 | cps |
| Iron | 56-2 | 1098918997 | 1099257130 | 1103563984 | 1100580037 | 0.24 | cps |
| Iron | 57-2 | 27140580 | 27175253 | 27525253 | 27280362 | 0.78 | cps |
| Iron | 54-2 | 58959287 | 59483136 | 59087864 | 59176762 | 0.46 | cps |
| Krypton | 83-1 | 260 | 237 | 210 | 236 | 10.62 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:23:17 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 15809 | 13287 | 11645 | 13580 | 15.45 | cps |
| Lead | 207-1 | 14067 | 12332 | 10898 | 12433 | 12.77 | cps |
| Lead | 208-1 | 64026 | 54760 | 47733 | 55507 | 14.72 | cps |
| Lithium | 6-1 | 1733482 | 1626482 | 1634378 | 1664781 | 3.58 | cps |
| Magnesium | 24-2 | 225828477 | 225232150 | 225566617 | 225542414 | 0.13 | cps |
| Manganese | 55-2 | 19904 | 17353 | 16623 | 17960 | 9.59 | cps |
| Molybdenum | 94-1 | 17597 | 15098 | 12922 | 15206 | 15.38 | cps |
| Molybdenum | 95-1 | 19897 | 16016 | 12989 | 16301 | 21.24 | cps |
| Molybdenum | 96-1 | 32556 | 28020 | 24618 | 28398 | 14.03 | cps |
| Molybdenum | 97-1 | 11838 | 9987 | 8172 | 9999 | 18.33 | cps |
| Molybdenum | 98-1 | 30392 | 24968 | 20488 | 25282 | 19.62 | cps |
| Neodymium | 150-1 | 223 | 287 | 227 | 246 | 14.51 | cps |
| Neodymium | 150-2 | 130 | 167 | 170 | 156 | 14.27 | cps |
| Nickel | 60-2 | 6381 | 6608 | 6291 | 6427 | 2.54 | cps |
| Phosphorus | 31-2 | 297 | 240 | 220 | 252 | 15.77 | cps |
| Potassium | 39-2 | 137235238 | 137274101 | 138135691 | 137548344 | 0.37 | cps |
| Rhodium | 103-1 | 9274410 | 8530291 | 8570820 | 8791840 | 4.76 | cps |
| Rhodium | 103-2 | 5452161 | 5433528 | 5481654 | 5455781 | 0.44 | cps |
| Scandium | 45-1 | 6117952 | 5643634 | 5766116 | 5842567 | 4.21 | cps |
| Scandium | 45-2 | 519552 | 518230 | 519563 | 519115 | 0.15 | cps |
| Selenium | 82-1 | 324 | 323 | 341 | 329 | 3.05 | cps |
| Selenium | 77-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Selenium | 78-2 | 393 | 403 | 383 | 393 | 2.54 | cps |
| Silicon | 28-1 | 751926 | 755926 | 756452 | 754768 | 0.33 | cps |
| Silver | 107-1 | 4788 | 3851 | 3157 | 3932 | 20.81 | cps |
| Silver | 109-1 | 4454 | 3694 | 3014 | 3721 | 19.37 | cps |
| Sodium | 23-2 | 347530155 | 351266968 | 352841608 | 350546244 | 0.78 | cps |
| Strontium | 86-1 | 11284 | 11571 | 11174 | 11343 | 1.81 | cps |
| Strontium | 88-1 | 99702 | 96893 | 97155 | 97917 | 1.58 | cps |
| Sulfur | 34-1 | 155404 | 155078 | 161749 | 157410 | 2.39 | cps |
| Terbium | 159-1 | 14064499 | 13070200 | 13165775 | 13433491 | 4.08 | cps |
| Terbium | 159-2 | 9592493 | 9577359 | 9639962 | 9603271 | 0.34 | cps |
| Thallium | 203-1 | 3140 | 2354 | 2140 | 2545 | 20.70 | cps |
| Thallium | 205-1 | 7215 | 5815 | 4858 | 5963 | 19.89 | cps |
| Tin | 118-1 | 5571 | 5044 | 4437 | 5018 | 11.31 | cps |
| Titanium | 47-1 | 4888 | 3947 | 3237 | 4024 | 20.57 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 11:23:17 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 9283 | 7389 | 5478 | 7383 | 25.77 | cps |
| Vanadium | 51-2 | 953 | 893 | 867 | 904 | 4.91 | cps |
| Yttrium | 89-1 | 12703317 | 11979101 | 12131361 | 12271260 | 3.11 | cps |
| Yttrium | 89-2 | 3389398 | 3333661 | 3391093 | 3371384 | 0.97 | cps |
| Zinc | 66-2 | 6585 | 6418 | 6421 | 6475 | 1.47 | cps |
| Zirconium | 90-1 | 15655 | 14868 | 13536 | 14686 | 7.29 | cps |
| Zirconium | 91-1 | 3580 | 3197 | 2980 | 3253 | 9.34 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICV007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:06:59 | DataFile Name : | 017ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 142393 | 141528 | 141091 | 141671 | 0.47 | cps |
| Antimony | 121-1 | 2625181 | 2584104 | 2607438 | 2605574 | 0.79 | cps |
| Arsenic | 75-2 | 137940 | 138061 | 137916 | 137973 | 0.06 | cps |
| Barium | 135-1 | 317481 | 316887 | 314996 | 316454 | 0.41 | cps |
| Barium | 137-1 | 549209 | 547780 | 544396 | 547128 | 0.45 | cps |
| Beryllium | 9-1 | 167392 | 169676 | 168826 | 168631 | 0.68 | cps |
| Bismuth | 209-1 | 8107044 | 8076013 | 7973389 | 8052149 | 0.87 | cps |
| Bismuth | 209-2 | 7055122 | 7107131 | 6963112 | 7041789 | 1.04 | cps |
| Bromine | 81-1 | 14764 | 14637 | 14304 | 14568 | 1.63 | cps |
| Bromine | 81-2 | 267 | 183 | 170 | 207 | 25.35 | cps |
| Cadmium | 108-1 | 21212 | 21446 | 21850 | 21503 | 1.50 | cps |
| Cadmium | 106-1 | 32667 | 32212 | 32750 | 32543 | 0.89 | cps |
| Cadmium | 111-1 | 336332 | 332327 | 332717 | 333792 | 0.66 | cps |
| Calcium | 43-1 | 71132 | 70613 | 70600 | 70782 | 0.43 | cps |
| Calcium | 44-1 | 1153762 | 1154784 | 1146050 | 1151532 | 0.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 536111 | 537969 | 541947 | 538676 | 0.55 | cps |
| Cobalt | 59-2 | 841688 | 839967 | 843538 | 841731 | 0.21 | cps |
| Copper | 63-2 | 579785 | 577409 | 578810 | 578668 | 0.21 | cps |
| Dysprosium | 156-1 | 10 | 37 | 10 | 19 | 81.51 | cps |
| Dysprosium | 156-2 | 10 | 13 | 3 | 9 | 57.30 | cps |
| Erbium | 164-1 | 43 | 33 | 37 | 38 | 13.48 | cps |
| Erbium | 164-2 | 50 | 27 | 40 | 39 | 30.10 | cps |
| Gadolinium | 160-1 | 37 | 50 | 63 | 50 | 26.66 | cps |
| Gadolinium | 160-2 | 477 | 407 | 453 | 446 | 8.00 | cps |
| Holmium | 165-1 | 13839185 | 13651891 | 13571731 | 13687602 | 1.00 | cps |
| Holmium | 165-2 | 10050128 | 10078417 | 9933882 | 10020809 | 0.76 | cps |
| Indium | 115-1 | 11585537 | 11554165 | 11463732 | 11534478 | 0.55 | cps |
| Indium | 115-2 | 4292570 | 4279382 | 4247935 | 4273296 | 0.54 | cps |
| Iron | 56-2 | 9732934 | 9677732 | 9784227 | 9731631 | 0.55 | cps |
| Iron | 57-2 | 248742 | 249453 | 247035 | 248410 | 0.50 | cps |
| Iron | 54-2 | 563773 | 563017 | 560752 | 562514 | 0.28 | cps |
| Krypton | 83-1 | 267 | 250 | 207 | 241 | 12.85 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICV007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:06:59 | DataFile Name : | 017ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1903622 | 1848323 | 1851883 | 1867943 | 1.66 | cps |
| Lead | 207-1 | 1502713 | 1501896 | 1505680 | 1503430 | 0.13 | cps |
| Lead | 208-1 | 7410381 | 7351318 | 7315924 | 7359208 | 0.65 | cps |
| Lithium | 6-1 | 1800541 | 1762817 | 1830262 | 1797873 | 1.88 | cps |
| Magnesium | 24-2 | 541342 | 538775 | 539760 | 539959 | 0.24 | cps |
| Manganese | 55-2 | 420353 | 423172 | 419470 | 420998 | 0.46 | cps |
| Molybdenum | 94-1 | 443 | 463 | 363 | 423 | 12.50 | cps |
| Molybdenum | 95-1 | 257 | 280 | 273 | 270 | 4.45 | cps |
| Molybdenum | 96-1 | 590 | 527 | 480 | 532 | 10.37 | cps |
| Molybdenum | 97-1 | 167 | 160 | 170 | 166 | 3.08 | cps |
| Molybdenum | 98-1 | 463 | 477 | 427 | 456 | 5.68 | cps |
| Neodymium | 150-1 | 27 | 17 | 20 | 21 | 24.12 | cps |
| Neodymium | 150-2 | 3 | 3 | 10 | 6 | 69.34 | cps |
| Nickel | 60-2 | 217585 | 216354 | 215942 | 216627 | 0.39 | cps |
| Phosphorus | 31-2 | 217 | 210 | 147 | 191 | 20.21 | cps |
| Potassium | 39-2 | 1200193 | 1200310 | 1256888 | 1219130 | 2.68 | cps |
| Rhodium | 103-1 | 10854144 | 10812615 | 10703064 | 10789941 | 0.72 | cps |
| Rhodium | 103-2 | 6601639 | 6536951 | 6492264 | 6543618 | 0.84 | cps |
| Scandium | 45-1 | 6481138 | 6437611 | 6455184 | 6457978 | 0.34 | cps |
| Scandium | 45-2 | 564646 | 565053 | 563329 | 564343 | 0.16 | cps |
| Selenium | 82-1 | 41805 | 41912 | 41310 | 41676 | 0.77 | cps |
| Selenium | 77-2 | 4557 | 4484 | 4547 | 4530 | 0.88 | cps |
| Selenium | 78-2 | 14821 | 15078 | 15161 | 15020 | 1.18 | cps |
| Silicon | 28-1 | 716763 | 718141 | 714211 | 716372 | 0.28 | cps |
| Silver | 107-1 | 773526 | 778377 | 780588 | 777497 | 0.46 | cps |
| Silver | 109-1 | 745824 | 750801 | 745290 | 747305 | 0.41 | cps |
| Sodium | 23-2 | 1504162 | 1497238 | 1476787 | 1492729 | 0.95 | cps |
| Strontium | 86-1 | 1403 | 1363 | 1383 | 1383 | 1.45 | cps |
| Strontium | 88-1 | 8946 | 8576 | 8916 | 8813 | 2.33 | cps |
| Sulfur | 34-1 | 188787 | 189435 | 189452 | 189225 | 0.20 | cps |
| Terbium | 159-1 | 14297934 | 14185554 | 14036333 | 14173274 | 0.93 | cps |
| Terbium | 159-2 | 9987974 | 10041395 | 10018243 | 10015871 | 0.27 | cps |
| Thallium | 203-1 | 2413234 | 2366222 | 2380484 | 2386647 | 1.01 | cps |
| Thallium | 205-1 | 5621493 | 5627318 | 5557601 | 5602137 | 0.69 | cps |
| Tin | 118-1 | 1537 | 1527 | 1500 | 1521 | 1.25 | cps |
| Titanium | 47-1 | 137 | 123 | 97 | 119 | 17.13 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICV007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:06:59 | DataFile Name : | 017ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 23 | 17 | 27 | 22 | 22.91 | cps |
| Vanadium | 51-2 | 464719 | 464279 | 461854 | 463618 | 0.33 | cps |
| Yttrium | 89-1 | 13639574 | 13491437 | 13496099 | 13542370 | 0.62 | cps |
| Yttrium | 89-2 | 3670428 | 3614251 | 3612311 | 3632330 | 0.91 | cps |
| Zinc | 66-2 | 196920 | 196308 | 194448 | 195892 | 0.66 | cps |
| Zirconium | 90-1 | 767 | 717 | 760 | 748 | 3.63 | cps |
| Zirconium | 91-1 | 343 | 390 | 427 | 387 | 10.80 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:25:40 | DataFile Name : | 021CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 177 | 167 | 150 | 164 | 8.19 | cps |
| Antimony | 121-1 | 160 | 130 | 117 | 136 | 16.37 | cps |
| Arsenic | 75-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Barium | 135-1 | 70 | 47 | 60 | 59 | 19.88 | cps |
| Barium | 137-1 | 100 | 127 | 160 | 129 | 23.32 | cps |
| Beryllium | 9-1 | 63 | 20 | 57 | 47 | 50.00 | cps |
| Bismuth | 209-1 | 7996928 | 7939507 | 7883128 | 7939854 | 0.72 | cps |
| Bismuth | 209-2 | 7023467 | 7015579 | 6958430 | 6999159 | 0.51 | cps |
| Bromine | 81-1 | 14427 | 14307 | 14277 | 14337 | 0.55 | cps |
| Bromine | 81-2 | 160 | 183 | 147 | 163 | 11.36 | cps |
| Cadmium | 108-1 | 27 | 13 | 17 | 19 | 36.75 | cps |
| Cadmium | 106-1 | 3117 | 2980 | 3064 | 3054 | 2.26 | cps |
| Cadmium | 111-1 | 2183 | 2100 | 2136 | 2140 | 1.95 | cps |
| Calcium | 43-1 | 447 | 383 | 413 | 414 | 7.64 | cps |
| Calcium | 44-1 | 10380 | 10674 | 10667 | 10574 | 1.58 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1517 | 1383 | 1383 | 1428 | 5.39 | cps |
| Cobalt | 59-2 | 117 | 103 | 107 | 109 | 6.37 | cps |
| Copper | 63-2 | 823 | 657 | 793 | 758 | 11.72 | cps |
| Dysprosium | 156-1 | 13 | 13 | 17 | 14 | 13.35 | cps |
| Dysprosium | 156-2 | 10 | 7 | 10 | 9 | 21.63 | cps |
| Erbium | 164-1 | 67 | 60 | 40 | 56 | 24.98 | cps |
| Erbium | 164-2 | 30 | 20 | 40 | 30 | 33.33 | cps |
| Gadolinium | 160-1 | 53 | 33 | 73 | 53 | 37.50 | cps |
| Gadolinium | 160-2 | 483 | 510 | 460 | 484 | 5.16 | cps |
| Holmium | 165-1 | 13677474 | 13503199 | 13256581 | 13479085 | 1.57 | cps |
| Holmium | 165-2 | 10082592 | 9976659 | 9879819 | 9979690 | 1.02 | cps |
| Indium | 115-1 | 11724216 | 11486348 | 11505376 | 11571980 | 1.14 | cps |
| Indium | 115-2 | 4347908 | 4306905 | 4294940 | 4316584 | 0.64 | cps |
| Iron | 56-2 | 19055 | 19269 | 18989 | 19104 | 0.77 | cps |
| Iron | 57-2 | 920 | 983 | 953 | 952 | 3.33 | cps |
| Iron | 54-2 | 2720 | 2607 | 2604 | 2644 | 2.51 | cps |
| Krypton | 83-1 | 263 | 263 | 243 | 257 | 4.50 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:25:40 | DataFile Name : | 021CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 387 | 430 | 360 | 392 | 9.01 | cps |
| Lead | 207-1 | 363 | 387 | 360 | 370 | 3.93 | cps |
| Lead | 208-1 | 1563 | 1647 | 1607 | 1606 | 2.60 | cps |
| Lithium | 6-1 | 1725479 | 1726818 | 1730622 | 1727640 | 0.15 | cps |
| Magnesium | 24-2 | 673 | 653 | 617 | 648 | 4.44 | cps |
| Manganese | 55-2 | 200 | 297 | 263 | 253 | 19.38 | cps |
| Molybdenum | 94-1 | 297 | 307 | 303 | 302 | 1.68 | cps |
| Molybdenum | 95-1 | 170 | 167 | 190 | 176 | 7.19 | cps |
| Molybdenum | 96-1 | 240 | 197 | 230 | 222 | 10.21 | cps |
| Molybdenum | 97-1 | 110 | 100 | 100 | 103 | 5.59 | cps |
| Molybdenum | 98-1 | 280 | 180 | 243 | 234 | 21.58 | cps |
| Neodymium | 150-1 | 7 | 0 | 13 | 7 | 99.98 | cps |
| Neodymium | 150-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Nickel | 60-2 | 380 | 400 | 377 | 386 | 3.27 | cps |
| Phosphorus | 31-2 | 153 | 163 | 203 | 173 | 15.26 | cps |
| Potassium | 39-2 | 51075 | 51199 | 51065 | 51113 | 0.15 | cps |
| Rhodium | 103-1 | 10727294 | 10648849 | 10645692 | 10673945 | 0.43 | cps |
| Rhodium | 103-2 | 6601868 | 6578340 | 6517266 | 6565824 | 0.67 | cps |
| Scandium | 45-1 | 6448850 | 6403501 | 6436602 | 6429651 | 0.36 | cps |
| Scandium | 45-2 | 577039 | 574573 | 571715 | 574443 | 0.46 | cps |
| Selenium | 82-1 | 122 | 118 | 90 | 110 | 15.84 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 467 | 390 | 457 | 438 | 9.52 | cps |
| Silicon | 28-1 | 756404 | 750343 | 743020 | 749922 | 0.89 | cps |
| Silver | 107-1 | 153 | 193 | 150 | 166 | 14.57 | cps |
| Silver | 109-1 | 133 | 103 | 147 | 128 | 17.37 | cps |
| Sodium | 23-2 | 21619 | 21585 | 21462 | 21555 | 0.38 | cps |
| Strontium | 86-1 | 450 | 473 | 403 | 442 | 8.06 | cps |
| Strontium | 88-1 | 377 | 303 | 313 | 331 | 12.01 | cps |
| Sulfur | 34-1 | 202320 | 198096 | 196622 | 199013 | 1.49 | cps |
| Terbium | 159-1 | 14052669 | 13839926 | 13844076 | 13912223 | 0.87 | cps |
| Terbium | 159-2 | 9903159 | 10090234 | 9876833 | 9956742 | 1.17 | cps |
| Thallium | 203-1 | 237 | 343 | 273 | 284 | 19.05 | cps |
| Thallium | 205-1 | 683 | 653 | 703 | 680 | 3.70 | cps |
| Tin | 118-1 | 1493 | 1567 | 1443 | 1501 | 4.13 | cps |
| Titanium | 47-1 | 107 | 103 | 80 | 97 | 15.03 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:25:40 | DataFile Name : | 021CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17 | 17 | 33 | 22 | 43.28 | cps |
| Vanadium | 51-2 | 20 | 7 | 10 | 12 | 56.76 | cps |
| Yttrium | 89-1 | 13532225 | 13445482 | 13363515 | 13447074 | 0.63 | cps |
| Yttrium | 89-2 | 3694604 | 3731332 | 3689371 | 3705102 | 0.62 | cps |
| Zinc | 66-2 | 283 | 260 | 273 | 272 | 4.30 | cps |
| Zirconium | 90-1 | 640 | 737 | 610 | 662 | 10.00 | cps |
| Zirconium | 91-1 | 137 | 143 | 93 | 124 | 21.82 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSA007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:29:38 | DataFile Name : | 022ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25140356 | 25389877 | 25446172 | 25325469 | 0.64 | cps |
| Antimony | 121-1 | 13623 | 13493 | 13593 | 13570 | 0.50 | cps |
| Arsenic | 75-2 | 190 | 237 | 237 | 221 | 12.19 | cps |
| Barium | 135-1 | 4591 | 4261 | 4447 | 4433 | 3.73 | cps |
| Barium | 137-1 | 7565 | 7665 | 7759 | 7663 | 1.26 | cps |
| Beryllium | 9-1 | 537 | 477 | 500 | 504 | 6.00 | cps |
| Bismuth | 209-1 | 7736757 | 7765727 | 7678192 | 7726892 | 0.58 | cps |
| Bismuth | 209-2 | 6701859 | 6675553 | 6737614 | 6705009 | 0.46 | cps |
| Bromine | 81-1 | 15245 | 14434 | 14911 | 14863 | 2.74 | cps |
| Bromine | 81-2 | 377 | 400 | 503 | 427 | 15.80 | cps |
| Cadmium | 108-1 | 2124 | 2050 | 1953 | 2042 | 4.18 | cps |
| Cadmium | 106-1 | 2957 | 2727 | 2670 | 2785 | 5.45 | cps |
| Cadmium | 111-1 | 3200 | 3134 | 2975 | 3103 | 3.73 | cps |
| Calcium | 43-1 | 3266383 | 3238367 | 3276554 | 3260435 | 0.61 | cps |
| Calcium | 44-1 | 52117886 | 51644159 | 52267583 | 52009876 | 0.63 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 98237 | 100092 | 99529 | 99286 | 0.96 | cps |
| Cobalt | 59-2 | 9843 | 9079 | 9660 | 9528 | 4.19 | cps |
| Copper | 63-2 | 39870 | 39706 | 39382 | 39652 | 0.63 | cps |
| Dysprosium | 156-1 | 70 | 70 | 43 | 61 | 25.20 | cps |
| Dysprosium | 156-2 | 60 | 20 | 50 | 43 | 48.04 | cps |
| Erbium | 164-1 | 83 | 87 | 117 | 96 | 19.21 | cps |
| Erbium | 164-2 | 50 | 73 | 63 | 62 | 18.81 | cps |
| Gadolinium | 160-1 | 73 | 70 | 83 | 76 | 9.18 | cps |
| Gadolinium | 160-2 | 460 | 463 | 447 | 457 | 1.93 | cps |
| Holmium | 165-1 | 13679284 | 13605416 | 13493859 | 13592853 | 0.69 | cps |
| Holmium | 165-2 | 10016424 | 9926237 | 10143365 | 10028675 | 1.09 | cps |
| Indium | 115-1 | 10832720 | 10749511 | 10774890 | 10785707 | 0.40 | cps |
| Indium | 115-2 | 4011462 | 3995489 | 3999104 | 4002018 | 0.21 | cps |
| Iron | 56-2 | 464060020 | 458153260 | 461158633 | 461123971 | 0.64 | cps |
| Iron | 57-2 | 11398467 | 11350549 | 11373228 | 11374081 | 0.21 | cps |
| Iron | 54-2 | 24690241 | 24756083 | 24709090 | 24718472 | 0.14 | cps |
| Krypton | 83-1 | 207 | 260 | 260 | 242 | 12.71 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSA007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:29:38 | DataFile Name : | 022ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 42750 | 44021 | 44135 | 43635 | 1.76 | cps |
| Lead | 207-1 | 34928 | 36125 | 35563 | 35539 | 1.68 | cps |
| Lead | 208-1 | 164705 | 169017 | 167147 | 166957 | 1.30 | cps |
| Lithium | 6-1 | 1740093 | 1711647 | 1688216 | 1713319 | 1.52 | cps |
| Magnesium | 24-2 | 42185984 | 42212815 | 41977384 | 42125394 | 0.31 | cps |
| Manganese | 55-2 | 32235 | 32265 | 31757 | 32085 | 0.89 | cps |
| Molybdenum | 94-1 | 6936525 | 6870771 | 6955379 | 6920892 | 0.64 | cps |
| Molybdenum | 95-1 | 12221908 | 12236118 | 12415097 | 12291041 | 0.88 | cps |
| Molybdenum | 96-1 | 13215418 | 13335505 | 13246995 | 13265973 | 0.47 | cps |
| Molybdenum | 97-1 | 7549733 | 7736288 | 7674186 | 7653402 | 1.24 | cps |
| Molybdenum | 98-1 | 19689953 | 19897120 | 19789987 | 19792353 | 0.52 | cps |
| Neodymium | 150-1 | 63 | 57 | 63 | 61 | 6.29 | cps |
| Neodymium | 150-2 | 43 | 33 | 23 | 33 | 30.00 | cps |
| Nickel | 60-2 | 10644 | 10694 | 10460 | 10599 | 1.16 | cps |
| Phosphorus | 31-2 | 1254166 | 1254839 | 1263790 | 1257598 | 0.43 | cps |
| Potassium | 39-2 | 54132309 | 54621639 | 54850838 | 54534929 | 0.67 | cps |
| Rhodium | 103-1 | 9845499 | 9642065 | 9592658 | 9693408 | 1.38 | cps |
| Rhodium | 103-2 | 5892330 | 5844117 | 5891313 | 5875920 | 0.47 | cps |
| Scandium | 45-1 | 6066520 | 6081656 | 5962705 | 6036960 | 1.07 | cps |
| Scandium | 45-2 | 510590 | 515976 | 515084 | 513883 | 0.56 | cps |
| Selenium | 82-1 | 155 | 126 | 126 | 136 | 12.16 | cps |
| Selenium | 77-2 | 3 | 7 | 7 | 6 | 34.70 | cps |
| Selenium | 78-2 | 403 | 383 | 403 | 397 | 2.91 | cps |
| Silicon | 28-1 | 726078 | 709501 | 713741 | 716440 | 1.20 | cps |
| Silver | 107-1 | 833 | 623 | 560 | 672 | 21.28 | cps |
| Silver | 109-1 | 723 | 600 | 570 | 631 | 12.88 | cps |
| Sodium | 23-2 | 69208927 | 69978552 | 69650819 | 69612766 | 0.55 | cps |
| Strontium | 86-1 | 134386 | 134101 | 133989 | 134159 | 0.15 | cps |
| Strontium | 88-1 | 1154223 | 1162425 | 1166018 | 1160889 | 0.52 | cps |
| Sulfur | 34-1 | 4704785 | 4656084 | 4683242 | 4681371 | 0.52 | cps |
| Terbium | 159-1 | 14002516 | 14060105 | 14137034 | 14066551 | 0.48 | cps |
| Terbium | 159-2 | 9868384 | 9969348 | 9990059 | 9942597 | 0.65 | cps |
| Thallium | 203-1 | 1443 | 1390 | 1407 | 1413 | 1.93 | cps |
| Thallium | 205-1 | 3657 | 3497 | 3107 | 3420 | 8.27 | cps |
| Tin | 118-1 | 3754 | 3727 | 3500 | 3661 | 3.80 | cps |
| Titanium | 47-1 | 3143341 | 3123590 | 3108955 | 3125295 | 0.55 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSA007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:29:38 | DataFile Name : | 022ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 603 | 583 | 640 | 609 | 4.72 | cps |
| Vanadium | 51-2 | 730 | 787 | 697 | 738 | 6.17 | cps |
| Yttrium | 89-1 | 12871814 | 12826527 | 12836651 | 12844998 | 0.19 | cps |
| Yttrium | 89-2 | 3422800 | 3491611 | 3459773 | 3458062 | 1.00 | cps |
| Zinc | 66-2 | 10317 | 10667 | 10544 | 10509 | 1.69 | cps |
| Zirconium | 90-1 | 1030 | 1070 | 1260 | 1120 | 10.97 | cps |
| Zirconium | 91-1 | 260 | 290 | 260 | 270 | 6.42 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:32:42 | DataFile Name : | 023ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25457408 | 25391525 | 25455161 | 25434698 | 0.15 | cps |
| Antimony | 121-1 | 260798 | 264854 | 265041 | 263564 | 0.91 | cps |
| Arsenic | 75-2 | 12996 | 13440 | 13163 | 13199 | 1.70 | cps |
| Barium | 135-1 | 67124 | 67469 | 67633 | 67409 | 0.39 | cps |
| Barium | 137-1 | 115376 | 119540 | 118411 | 117776 | 1.83 | cps |
| Beryllium | 9-1 | 31408 | 31986 | 31459 | 31618 | 1.01 | cps |
| Bismuth | 209-1 | 8075805 | 7831556 | 7831181 | 7912847 | 1.78 | cps |
| Bismuth | 209-2 | 6873080 | 6818386 | 6763775 | 6818414 | 0.80 | cps |
| Bromine | 81-1 | 14931 | 15628 | 15225 | 15261 | 2.29 | cps |
| Bromine | 81-2 | 350 | 430 | 420 | 400 | 10.90 | cps |
| Cadmium | 108-1 | 5781 | 6138 | 5848 | 5922 | 3.20 | cps |
| Cadmium | 106-1 | 8583 | 8586 | 8479 | 8549 | 0.71 | cps |
| Cadmium | 111-1 | 63407 | 65346 | 65156 | 64636 | 1.65 | cps |
| Calcium | 43-1 | 3248782 | 3309879 | 3254482 | 3271048 | 1.03 | cps |
| Calcium | 44-1 | 51570978 | 52494456 | 52602869 | 52222768 | 1.09 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 198508 | 199801 | 198056 | 198788 | 0.46 | cps |
| Cobalt | 59-2 | 164318 | 163115 | 163011 | 163482 | 0.44 | cps |
| Copper | 63-2 | 145102 | 143521 | 143268 | 143964 | 0.69 | cps |
| Dysprosium | 156-1 | 73 | 33 | 50 | 52 | 38.48 | cps |
| Dysprosium | 156-2 | 43 | 23 | 50 | 39 | 35.69 | cps |
| Erbium | 164-1 | 107 | 103 | 103 | 104 | 1.85 | cps |
| Erbium | 164-2 | 50 | 70 | 73 | 64 | 19.58 | cps |
| Gadolinium | 160-1 | 80 | 93 | 97 | 90 | 9.80 | cps |
| Gadolinium | 160-2 | 473 | 397 | 437 | 436 | 8.80 | cps |
| Holmium | 165-1 | 14782632 | 14024401 | 14034561 | 14280532 | 3.05 | cps |
| Holmium | 165-2 | 10092524 | 10232828 | 10031904 | 10119085 | 1.02 | cps |
| Indium | 115-1 | 11579799 | 11178296 | 11103473 | 11287189 | 2.27 | cps |
| Indium | 115-2 | 4053261 | 4085507 | 4051452 | 4063407 | 0.47 | cps |
| Iron | 56-2 | 461098633 | 465182446 | 461506260 | 462595780 | 0.49 | cps |
| Iron | 57-2 | 11445573 | 11269386 | 11293507 | 11336155 | 0.84 | cps |
| Iron | 54-2 | 24912505 | 25210893 | 24788809 | 24970735 | 0.87 | cps |
| Krypton | 83-1 | 283 | 210 | 247 | 247 | 14.87 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:32:42 | DataFile Name : | 023ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 215942 | 221601 | 222667 | 220070 | 1.64 | cps |
| Lead | 207-1 | 185917 | 189182 | 189358 | 188152 | 1.03 | cps |
| Lead | 208-1 | 858524 | 869417 | 871341 | 866427 | 0.80 | cps |
| Lithium | 6-1 | 1755007 | 1694033 | 1698769 | 1715936 | 1.98 | cps |
| Magnesium | 24-2 | 42492806 | 42349206 | 42355724 | 42399245 | 0.19 | cps |
| Manganese | 55-2 | 109716 | 109595 | 110595 | 109969 | 0.50 | cps |
| Molybdenum | 94-1 | 6988174 | 7233360 | 7056783 | 7092772 | 1.78 | cps |
| Molybdenum | 95-1 | 12255884 | 12576227 | 12414310 | 12415474 | 1.29 | cps |
| Molybdenum | 96-1 | 13302566 | 13472102 | 13429759 | 13401475 | 0.66 | cps |
| Molybdenum | 97-1 | 7653441 | 7749418 | 7794715 | 7732525 | 0.93 | cps |
| Molybdenum | 98-1 | 19922445 | 20038798 | 20137763 | 20033002 | 0.54 | cps |
| Neodymium | 150-1 | 53 | 60 | 47 | 53 | 12.50 | cps |
| Neodymium | 150-2 | 47 | 20 | 37 | 34 | 39.11 | cps |
| Nickel | 60-2 | 48358 | 49648 | 48307 | 48771 | 1.56 | cps |
| Phosphorus | 31-2 | 1265084 | 1275714 | 1266739 | 1269179 | 0.45 | cps |
| Potassium | 39-2 | 54653291 | 55223834 | 54585456 | 54820860 | 0.64 | cps |
| Rhodium | 103-1 | 10300652 | 9956787 | 9874624 | 10044021 | 2.25 | cps |
| Rhodium | 103-2 | 6069412 | 6053358 | 6029339 | 6050703 | 0.33 | cps |
| Scandium | 45-1 | 6423443 | 6122731 | 6009680 | 6185284 | 3.46 | cps |
| Scandium | 45-2 | 524471 | 528756 | 523624 | 525617 | 0.52 | cps |
| Selenium | 82-1 | 3869 | 4244 | 3955 | 4023 | 4.88 | cps |
| Selenium | 77-2 | 450 | 407 | 413 | 423 | 5.51 | cps |
| Selenium | 78-2 | 1867 | 1773 | 1823 | 1821 | 2.56 | cps |
| Silicon | 28-1 | 740818 | 746953 | 748376 | 745382 | 0.54 | cps |
| Silver | 107-1 | 289389 | 297139 | 297193 | 294574 | 1.52 | cps |
| Silver | 109-1 | 278086 | 284420 | 285763 | 282756 | 1.45 | cps |
| Sodium | 23-2 | 70033606 | 69580392 | 70079701 | 69897900 | 0.39 | cps |
| Strontium | 86-1 | 134945 | 137656 | 138787 | 137129 | 1.44 | cps |
| Strontium | 88-1 | 1157986 | 1187717 | 1190094 | 1178599 | 1.52 | cps |
| Sulfur | 34-1 | 4640786 | 4620828 | 4661712 | 4641109 | 0.44 | cps |
| Terbium | 159-1 | 15229611 | 14526225 | 14368611 | 14708149 | 3.12 | cps |
| Terbium | 159-2 | 10222969 | 10078930 | 9968127 | 10090009 | 1.27 | cps |
| Thallium | 203-1 | 221436 | 228979 | 228952 | 226456 | 1.92 | cps |
| Thallium | 205-1 | 525484 | 534664 | 538058 | 532735 | 1.22 | cps |
| Tin | 118-1 | 2924 | 3137 | 3214 | 3091 | 4.86 | cps |
| Titanium | 47-1 | 3091684 | 3177443 | 3113999 | 3127709 | 1.42 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB007 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB007 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:32:42 | DataFile Name : | 023ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 650 | 577 | 587 | 604 | 6.58 | cps |
| Vanadium | 51-2 | 86392 | 87790 | 88457 | 87546 | 1.20 | cps |
| Yttrium | 89-1 | 13835703 | 13359717 | 13170484 | 13455301 | 2.55 | cps |
| Yttrium | 89-2 | 3546451 | 3552206 | 3510375 | 3536344 | 0.64 | cps |
| Zinc | 66-2 | 29506 | 28941 | 29269 | 29239 | 0.97 | cps |
| Zirconium | 90-1 | 1037 | 1040 | 1123 | 1067 | 4.60 | cps |
| Zirconium | 91-1 | 200 | 240 | 277 | 239 | 16.05 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:35:47 | DataFile Name : | 024CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13919992 | 13902153 | 13879493 | 13900546 | 0.15 | cps |
| Antimony | 121-1 | 5892366 | 6074526 | 6132671 | 6033188 | 2.08 | cps |
| Arsenic | 75-2 | 299211 | 300882 | 300643 | 300245 | 0.30 | cps |
| Barium | 135-1 | 7827437 | 7893417 | 7922768 | 7881208 | 0.62 | cps |
| Barium | 137-1 | 13292956 | 13650769 | 13741770 | 13561832 | 1.75 | cps |
| Beryllium | 9-1 | 714724 | 742031 | 741497 | 732751 | 2.13 | cps |
| Bismuth | 209-1 | 7954284 | 7418687 | 7375086 | 7582686 | 4.25 | cps |
| Bismuth | 209-2 | 6384788 | 6420335 | 6390054 | 6398393 | 0.30 | cps |
| Bromine | 81-1 | 13109 | 13823 | 13510 | 13481 | 2.65 | cps |
| Bromine | 81-2 | 87 | 123 | 110 | 107 | 17.40 | cps |
| Cadmium | 108-1 | 105255 | 107266 | 107612 | 106711 | 1.19 | cps |
| Cadmium | 106-1 | 150423 | 153373 | 154633 | 152810 | 1.41 | cps |
| Cadmium | 111-1 | 1420248 | 1453616 | 1455559 | 1443141 | 1.38 | cps |
| Calcium | 43-1 | 7860319 | 8077581 | 8175366 | 8037755 | 2.01 | cps |
| Calcium | 44-1 | 125964011 | 130438265 | 129787081 | 128729786 | 1.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2405489 | 2403657 | 2417749 | 2408965 | 0.32 | cps |
| Cobalt | 59-2 | 3740794 | 3703571 | 3715139 | 3719835 | 0.51 | cps |
| Copper | 63-2 | 26248037 | 26343623 | 26105839 | 26232500 | 0.46 | cps |
| Dysprosium | 156-1 | 320 | 343 | 303 | 322 | 6.24 | cps |
| Dysprosium | 156-2 | 433 | 460 | 457 | 450 | 3.23 | cps |
| Erbium | 164-1 | 267 | 310 | 283 | 287 | 7.63 | cps |
| Erbium | 164-2 | 237 | 217 | 217 | 223 | 5.17 | cps |
| Gadolinium | 160-1 | 300 | 293 | 320 | 304 | 4.56 | cps |
| Gadolinium | 160-2 | 497 | 640 | 633 | 590 | 13.71 | cps |
| Holmium | 165-1 | 14508392 | 13401079 | 13390671 | 13766714 | 4.67 | cps |
| Holmium | 165-2 | 9823755 | 9893602 | 9893030 | 9870129 | 0.41 | cps |
| Indium | 115-1 | 11259861 | 10442637 | 10429904 | 10710801 | 4.44 | cps |
| Indium | 115-2 | 3766795 | 3835728 | 3921193 | 3841238 | 2.01 | cps |
| Iron | 56-2 | 567627458 | 566679725 | 562802645 | 565703276 | 0.45 | cps |
| Iron | 57-2 | 14047814 | 13989055 | 13955381 | 13997417 | 0.33 | cps |
| Iron | 54-2 | 30456897 | 30375933 | 30578432 | 30470421 | 0.33 | cps |
| Krypton | 83-1 | 207 | 250 | 190 | 216 | 14.37 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:35:47 | DataFile Name : | 024CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 21418473 | 22231160 | 21876757 | 21842130 | 1.87 | cps |
| Lead | 207-1 | 19526626 | 20336637 | 20233124 | 20032129 | 2.20 | cps |
| Lead | 208-1 | 88504819 | 91565515 | 91379826 | 90483386 | 1.90 | cps |
| Lithium | 6-1 | 1739375 | 1636521 | 1602011 | 1659302 | 4.31 | cps |
| Magnesium | 24-2 | 107478895 | 107491555 | 107329338 | 107433263 | 0.08 | cps |
| Manganese | 55-2 | 19317385 | 19110690 | 19184453 | 19204176 | 0.55 | cps |
| Molybdenum | 94-1 | 21016218 | 21410461 | 21449964 | 21292214 | 1.13 | cps |
| Molybdenum | 95-1 | 30023483 | 30792300 | 30997800 | 30604528 | 1.68 | cps |
| Molybdenum | 96-1 | 33032415 | 34010059 | 33876451 | 33639642 | 1.58 | cps |
| Molybdenum | 97-1 | 18783287 | 19370591 | 19186432 | 19113437 | 1.57 | cps |
| Molybdenum | 98-1 | 48876293 | 49976569 | 49571831 | 49474898 | 1.12 | cps |
| Neodymium | 150-1 | 467 | 477 | 543 | 496 | 8.41 | cps |
| Neodymium | 150-2 | 160 | 130 | 150 | 147 | 10.41 | cps |
| Nickel | 60-2 | 893191 | 889664 | 888216 | 890357 | 0.29 | cps |
| Phosphorus | 31-2 | 124114 | 125204 | 124471 | 124596 | 0.45 | cps |
| Potassium | 39-2 | 68740142 | 69103464 | 69192931 | 69012179 | 0.35 | cps |
| Rhodium | 103-1 | 10041828 | 9260689 | 9072449 | 9458322 | 5.43 | cps |
| Rhodium | 103-2 | 5668368 | 5724758 | 5698511 | 5697212 | 0.50 | cps |
| Scandium | 45-1 | 6357507 | 5936204 | 5875552 | 6056421 | 4.33 | cps |
| Scandium | 45-2 | 515591 | 518866 | 521621 | 518693 | 0.58 | cps |
| Selenium | 82-1 | 85084 | 87754 | 86715 | 86517 | 1.56 | cps |
| Selenium | 77-2 | 9453 | 9183 | 8963 | 9200 | 2.67 | cps |
| Selenium | 78-2 | 30879 | 30415 | 31163 | 30819 | 1.23 | cps |
| Silicon | 28-1 | 3492904 | 3592721 | 3555658 | 3547094 | 1.42 | cps |
| Silver | 107-1 | 7317139 | 7334624 | 7461185 | 7370983 | 1.07 | cps |
| Silver | 109-1 | 7084881 | 7181402 | 7162127 | 7142803 | 0.72 | cps |
| Sodium | 23-2 | 173666167 | 172884877 | 174783391 | 173778145 | 0.55 | cps |
| Strontium | 86-1 | 1934216 | 1952886 | 1952885 | 1946662 | 0.55 | cps |
| Strontium | 88-1 | 16656921 | 16737692 | 17034610 | 16809741 | 1.18 | cps |
| Sulfur | 34-1 | 585555 | 597925 | 599891 | 594457 | 1.31 | cps |
| Terbium | 159-1 | 14829079 | 13684959 | 13806428 | 14106822 | 4.45 | cps |
| Terbium | 159-2 | 9675882 | 9778123 | 9759815 | 9737940 | 0.56 | cps |
| Thallium | 203-1 | 5625146 | 5774593 | 5761099 | 5720279 | 1.45 | cps |
| Thallium | 205-1 | 13402483 | 13665635 | 13625087 | 13564402 | 1.04 | cps |
| Tin | 118-1 | 4995059 | 5074582 | 5118607 | 5062749 | 1.24 | cps |
| Titanium | 47-1 | 7521848 | 7551119 | 7646753 | 7573240 | 0.86 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:35:47 | DataFile Name : | 024CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18363792 | 18887553 | 18522158 | 18591168 | 1.44 | cps |
| Vanadium | 51-2 | 2139822 | 2138884 | 2160379 | 2146362 | 0.57 | cps |
| Yttrium | 89-1 | 13636574 | 12586057 | 12360225 | 12860952 | 5.30 | cps |
| Yttrium | 89-2 | 3401282 | 3415367 | 3407297 | 3407982 | 0.21 | cps |
| Zinc | 66-2 | 4325825 | 4281284 | 4310256 | 4305788 | 0.52 | cps |
| Zirconium | 90-1 | 10305095 | 10508521 | 10577707 | 10463774 | 1.35 | cps |
| Zirconium | 91-1 | 2289410 | 2340564 | 2348841 | 2326272 | 1.38 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:43:41 | DataFile Name : | 026CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 153 | 127 | 140 | 140 | 9.52 | cps |
| Antimony | 121-1 | 470 | 553 | 387 | 470 | 17.73 | cps |
| Arsenic | 75-2 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Barium | 135-1 | 63 | 87 | 83 | 78 | 16.23 | cps |
| Barium | 137-1 | 203 | 163 | 173 | 180 | 11.56 | cps |
| Beryllium | 9-1 | 87 | 53 | 100 | 80 | 30.05 | cps |
| Bismuth | 209-1 | 8379202 | 8249211 | 8178200 | 8268871 | 1.23 | cps |
| Bismuth | 209-2 | 7143011 | 7237019 | 7107340 | 7162457 | 0.94 | cps |
| Bromine | 81-1 | 13670 | 13820 | 13773 | 13754 | 0.56 | cps |
| Bromine | 81-2 | 237 | 227 | 230 | 231 | 2.20 | cps |
| Cadmium | 108-1 | 17 | 7 | 13 | 12 | 41.65 | cps |
| Cadmium | 106-1 | 2900 | 2970 | 2964 | 2945 | 1.31 | cps |
| Cadmium | 111-1 | 2065 | 2105 | 2095 | 2088 | 0.98 | cps |
| Calcium | 43-1 | 360 | 317 | 340 | 339 | 6.40 | cps |
| Calcium | 44-1 | 10631 | 10257 | 10347 | 10411 | 1.87 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1423 | 1493 | 1270 | 1396 | 8.19 | cps |
| Cobalt | 59-2 | 87 | 87 | 117 | 97 | 17.92 | cps |
| Copper | 63-2 | 847 | 887 | 850 | 861 | 2.58 | cps |
| Dysprosium | 156-1 | 20 | 10 | 20 | 17 | 34.64 | cps |
| Dysprosium | 156-2 | 10 | 3 | 3 | 6 | 69.34 | cps |
| Erbium | 164-1 | 80 | 43 | 60 | 61 | 30.04 | cps |
| Erbium | 164-2 | 27 | 43 | 40 | 37 | 24.04 | cps |
| Gadolinium | 160-1 | 40 | 47 | 67 | 51 | 27.15 | cps |
| Gadolinium | 160-2 | 423 | 447 | 437 | 436 | 2.69 | cps |
| Holmium | 165-1 | 13971139 | 13666494 | 13461776 | 13699803 | 1.87 | cps |
| Holmium | 165-2 | 10009943 | 10139362 | 9986782 | 10045362 | 0.82 | cps |
| Indium | 115-1 | 11512273 | 11415532 | 11377572 | 11435126 | 0.61 | cps |
| Indium | 115-2 | 4269204 | 4273494 | 4228293 | 4256997 | 0.59 | cps |
| Iron | 56-2 | 20013 | 19670 | 19216 | 19633 | 2.04 | cps |
| Iron | 57-2 | 793 | 833 | 867 | 831 | 4.42 | cps |
| Iron | 54-2 | 2274 | 2390 | 2340 | 2335 | 2.51 | cps |
| Krypton | 83-1 | 210 | 253 | 217 | 227 | 10.30 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:43:41 | DataFile Name : | 026CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 847 | 793 | 783 | 808 | 4.22 | cps |
| Lead | 207-1 | 800 | 690 | 683 | 724 | 9.04 | cps |
| Lead | 208-1 | 3454 | 3280 | 3080 | 3271 | 5.71 | cps |
| Lithium | 6-1 | 1752939 | 1755467 | 1771453 | 1759953 | 0.57 | cps |
| Magnesium | 24-2 | 963 | 933 | 917 | 938 | 2.52 | cps |
| Manganese | 55-2 | 330 | 277 | 317 | 308 | 9.02 | cps |
| Molybdenum | 94-1 | 570 | 537 | 557 | 554 | 3.03 | cps |
| Molybdenum | 95-1 | 460 | 537 | 427 | 474 | 11.89 | cps |
| Molybdenum | 96-1 | 550 | 597 | 517 | 554 | 7.25 | cps |
| Molybdenum | 97-1 | 260 | 270 | 250 | 260 | 3.85 | cps |
| Molybdenum | 98-1 | 783 | 767 | 667 | 739 | 8.54 | cps |
| Neodymium | 150-1 | 13 | 3 | 10 | 9 | 57.30 | cps |
| Neodymium | 150-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Nickel | 60-2 | 320 | 363 | 360 | 348 | 6.93 | cps |
| Phosphorus | 31-2 | 240 | 140 | 150 | 177 | 31.17 | cps |
| Potassium | 39-2 | 47267 | 47213 | 47424 | 47301 | 0.23 | cps |
| Rhodium | 103-1 | 10547720 | 10633796 | 10376832 | 10519450 | 1.24 | cps |
| Rhodium | 103-2 | 6493861 | 6512230 | 6431383 | 6479158 | 0.65 | cps |
| Scandium | 45-1 | 6307001 | 6305487 | 6260586 | 6291025 | 0.42 | cps |
| Scandium | 45-2 | 544670 | 539847 | 538869 | 541129 | 0.57 | cps |
| Selenium | 82-1 | 130 | 94 | 75 | 99 | 28.06 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 403 | 440 | 393 | 412 | 5.96 | cps |
| Silicon | 28-1 | 642368 | 639757 | 639939 | 640688 | 0.23 | cps |
| Silver | 107-1 | 253 | 210 | 220 | 228 | 9.96 | cps |
| Silver | 109-1 | 193 | 167 | 170 | 177 | 8.23 | cps |
| Sodium | 23-2 | 30757 | 30293 | 30180 | 30410 | 1.01 | cps |
| Strontium | 86-1 | 460 | 433 | 367 | 420 | 11.45 | cps |
| Strontium | 88-1 | 433 | 417 | 437 | 429 | 2.50 | cps |
| Sulfur | 34-1 | 175211 | 174679 | 174631 | 174841 | 0.18 | cps |
| Terbium | 159-1 | 14222000 | 14230619 | 13928985 | 14127201 | 1.22 | cps |
| Terbium | 159-2 | 10034842 | 10130999 | 10019783 | 10061874 | 0.60 | cps |
| Thallium | 203-1 | 690 | 560 | 577 | 609 | 11.62 | cps |
| Thallium | 205-1 | 1597 | 1560 | 1470 | 1542 | 4.23 | cps |
| Tin | 118-1 | 1380 | 1817 | 1357 | 1518 | 17.08 | cps |
| Titanium | 47-1 | 157 | 170 | 87 | 138 | 32.49 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB041 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB041 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:43:41 | DataFile Name : | 026CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 170 | 163 | 117 | 150 | 19.37 | cps |
| Vanadium | 51-2 | 37 | 23 | 7 | 22 | 67.63 | cps |
| Yttrium | 89-1 | 13483139 | 13341410 | 13229644 | 13351398 | 0.95 | cps |
| Yttrium | 89-2 | 3599318 | 3549369 | 3570497 | 3573061 | 0.70 | cps |
| Zinc | 66-2 | 257 | 243 | 310 | 270 | 13.07 | cps |
| Zirconium | 90-1 | 820 | 773 | 783 | 792 | 3.10 | cps |
| Zirconium | 91-1 | 140 | 167 | 203 | 170 | 18.71 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:56:05 | DataFile Name : | 029CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 377 | 310 | 403 | 363 | 13.23 | cps |
| Antimony | 121-1 | 127 | 153 | 113 | 131 | 15.54 | cps |
| Arsenic | 75-2 | 7 | 3 | 10 | 7 | 50.03 | cps |
| Barium | 135-1 | 93 | 57 | 80 | 77 | 24.20 | cps |
| Barium | 137-1 | 167 | 87 | 103 | 119 | 35.50 | cps |
| Beryllium | 9-1 | 63 | 77 | 73 | 71 | 9.76 | cps |
| Bismuth | 209-1 | 8300054 | 8119718 | 7861774 | 8093849 | 2.72 | cps |
| Bismuth | 209-2 | 7254043 | 7271525 | 7223803 | 7249791 | 0.33 | cps |
| Bromine | 81-1 | 14234 | 14464 | 14097 | 14265 | 1.30 | cps |
| Bromine | 81-2 | 193 | 173 | 143 | 170 | 14.80 | cps |
| Cadmium | 108-1 | 20 | 3 | 17 | 13 | 66.16 | cps |
| Cadmium | 106-1 | 3200 | 3024 | 2937 | 3054 | 4.40 | cps |
| Cadmium | 111-1 | 2236 | 2124 | 2071 | 2144 | 3.94 | cps |
| Calcium | 43-1 | 340 | 370 | 347 | 352 | 4.47 | cps |
| Calcium | 44-1 | 10324 | 10043 | 10477 | 10281 | 2.14 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1450 | 1533 | 1540 | 1508 | 3.33 | cps |
| Cobalt | 59-2 | 120 | 117 | 107 | 114 | 6.06 | cps |
| Copper | 63-2 | 1083 | 957 | 1030 | 1023 | 6.21 | cps |
| Dysprosium | 156-1 | 10 | 10 | 23 | 14 | 53.28 | cps |
| Dysprosium | 156-2 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Erbium | 164-1 | 43 | 43 | 70 | 52 | 29.49 | cps |
| Erbium | 164-2 | 40 | 30 | 30 | 33 | 17.32 | cps |
| Gadolinium | 160-1 | 50 | 43 | 37 | 43 | 15.38 | cps |
| Gadolinium | 160-2 | 430 | 440 | 450 | 440 | 2.27 | cps |
| Holmium | 165-1 | 13804681 | 13589460 | 13161400 | 13518514 | 2.42 | cps |
| Holmium | 165-2 | 10106840 | 10067227 | 10084155 | 10086074 | 0.20 | cps |
| Indium | 115-1 | 11581744 | 11477978 | 10988698 | 11349474 | 2.79 | cps |
| Indium | 115-2 | 4339632 | 4371712 | 4323542 | 4344962 | 0.56 | cps |
| Iron | 56-2 | 19232 | 19586 | 18809 | 19209 | 2.03 | cps |
| Iron | 57-2 | 907 | 870 | 890 | 889 | 2.07 | cps |
| Iron | 54-2 | 2430 | 2327 | 2594 | 2450 | 5.49 | cps |
| Krypton | 83-1 | 263 | 180 | 307 | 250 | 25.75 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:56:05 | DataFile Name : | 029CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 463 | 493 | 467 | 474 | 3.47 | cps |
| Lead | 207-1 | 407 | 393 | 447 | 416 | 6.68 | cps |
| Lead | 208-1 | 1940 | 1830 | 1970 | 1913 | 3.85 | cps |
| Lithium | 6-1 | 1798752 | 1777131 | 1682666 | 1752850 | 3.52 | cps |
| Magnesium | 24-2 | 1043 | 843 | 887 | 924 | 11.38 | cps |
| Manganese | 55-2 | 437 | 493 | 433 | 454 | 7.42 | cps |
| Molybdenum | 94-1 | 323 | 303 | 330 | 319 | 4.35 | cps |
| Molybdenum | 95-1 | 227 | 220 | 190 | 212 | 9.20 | cps |
| Molybdenum | 96-1 | 257 | 297 | 230 | 261 | 12.85 | cps |
| Molybdenum | 97-1 | 97 | 137 | 120 | 118 | 17.06 | cps |
| Molybdenum | 98-1 | 277 | 287 | 270 | 278 | 3.02 | cps |
| Neodymium | 150-1 | 3 | 7 | 7 | 6 | 34.70 | cps |
| Neodymium | 150-2 | 0 | 7 | 0 | 2 | 173.21 | cps |
| Nickel | 60-2 | 333 | 380 | 353 | 356 | 6.59 | cps |
| Phosphorus | 31-2 | 150 | 203 | 137 | 163 | 21.60 | cps |
| Potassium | 39-2 | 49694 | 48942 | 50380 | 49672 | 1.45 | cps |
| Rhodium | 103-1 | 10791667 | 10573389 | 10200417 | 10521824 | 2.84 | cps |
| Rhodium | 103-2 | 6580972 | 6635238 | 6575655 | 6597288 | 0.50 | cps |
| Scandium | 45-1 | 6458394 | 6288530 | 6169299 | 6305408 | 2.30 | cps |
| Scandium | 45-2 | 563771 | 558459 | 558699 | 560310 | 0.54 | cps |
| Selenium | 82-1 | 122 | 182 | 14 | 106 | 80.05 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 467 | 460 | 413 | 447 | 6.51 | cps |
| Silicon | 28-1 | 676842 | 689183 | 697163 | 687729 | 1.49 | cps |
| Silver | 107-1 | 220 | 223 | 213 | 219 | 2.33 | cps |
| Silver | 109-1 | 203 | 163 | 177 | 181 | 11.25 | cps |
| Sodium | 23-2 | 25191 | 25698 | 25625 | 25505 | 1.08 | cps |
| Strontium | 86-1 | 410 | 493 | 477 | 460 | 9.59 | cps |
| Strontium | 88-1 | 357 | 360 | 367 | 361 | 1.41 | cps |
| Sulfur | 34-1 | 187211 | 188325 | 189712 | 188416 | 0.66 | cps |
| Terbium | 159-1 | 14291362 | 14073605 | 13366295 | 13910421 | 3.48 | cps |
| Terbium | 159-2 | 10150583 | 10108034 | 9971620 | 10076746 | 0.93 | cps |
| Thallium | 203-1 | 497 | 417 | 467 | 460 | 8.79 | cps |
| Thallium | 205-1 | 1073 | 1130 | 1033 | 1079 | 4.50 | cps |
| Tin | 118-1 | 1497 | 1490 | 1340 | 1442 | 6.14 | cps |
| Titanium | 47-1 | 123 | 110 | 50 | 94 | 41.36 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:56:05 | DataFile Name : | 029CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 23 | 23 | 23 | 23 | 0.00 | cps |
| Vanadium | 51-2 | 10 | 13 | 7 | 10 | 33.30 | cps |
| Yttrium | 89-1 | 13621674 | 13406145 | 12744104 | 13257308 | 3.45 | cps |
| Yttrium | 89-2 | 3736451 | 3640546 | 3696462 | 3691153 | 1.31 | cps |
| Zinc | 66-2 | 423 | 433 | 460 | 439 | 4.32 | cps |
| Zirconium | 90-1 | 720 | 687 | 543 | 650 | 14.44 | cps |
| Zirconium | 91-1 | 150 | 140 | 113 | 134 | 14.10 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:59:23 | DataFile Name : | 030LCS6.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2649586 | 2623113 | 2616195 | 2629631 | 0.67 | cps |
| Antimony | 121-1 | 6282225 | 6308510 | 6169959 | 6253565 | 1.18 | cps |
| Arsenic | 75-2 | 303425 | 301912 | 300649 | 301995 | 0.46 | cps |
| Barium | 135-1 | 8078994 | 7940069 | 7929236 | 7982766 | 1.05 | cps |
| Barium | 137-1 | 13843439 | 13763291 | 13536571 | 13714434 | 1.16 | cps |
| Beryllium | 9-1 | 775316 | 774914 | 769302 | 773178 | 0.43 | cps |
| Bismuth | 209-1 | 8169293 | 8019779 | 8165526 | 8118199 | 1.05 | cps |
| Bismuth | 209-2 | 6883382 | 6846523 | 7061720 | 6930542 | 1.66 | cps |
| Bromine | 81-1 | 13583 | 12972 | 12892 | 13149 | 2.87 | cps |
| Bromine | 81-2 | 147 | 107 | 150 | 134 | 17.93 | cps |
| Cadmium | 108-1 | 114306 | 114396 | 112536 | 113746 | 0.92 | cps |
| Cadmium | 106-1 | 163535 | 163344 | 160711 | 162530 | 0.97 | cps |
| Cadmium | 111-1 | 1542601 | 1541778 | 1525320 | 1536567 | 0.63 | cps |
| Calcium | 43-1 | 1647638 | 1648910 | 1625647 | 1640732 | 0.80 | cps |
| Calcium | 44-1 | 26214054 | 26497008 | 25919947 | 26210336 | 1.10 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2361261 | 2366135 | 2342311 | 2356569 | 0.53 | cps |
| Cobalt | 59-2 | 3733323 | 3763372 | 3764211 | 3753635 | 0.47 | cps |
| Copper | 63-2 | 27237840 | 27159870 | 26919800 | 27105837 | 0.61 | cps |
| Dysprosium | 156-1 | 120 | 150 | 150 | 140 | 12.37 | cps |
| Dysprosium | 156-2 | 293 | 307 | 357 | 319 | 10.47 | cps |
| Erbium | 164-1 | 140 | 113 | 90 | 114 | 21.86 | cps |
| Erbium | 164-2 | 53 | 83 | 67 | 68 | 22.18 | cps |
| Gadolinium | 160-1 | 100 | 127 | 117 | 114 | 11.77 | cps |
| Gadolinium | 160-2 | 487 | 427 | 490 | 468 | 7.62 | cps |
| Holmium | 165-1 | 14003908 | 13764344 | 13610524 | 13792925 | 1.44 | cps |
| Holmium | 165-2 | 9906907 | 9776784 | 9941621 | 9875104 | 0.88 | cps |
| Indium | 115-1 | 11336540 | 10915396 | 10829158 | 11027032 | 2.46 | cps |
| Indium | 115-2 | 3984831 | 3959416 | 4036104 | 3993450 | 0.98 | cps |
| Iron | 56-2 | 111863068 | 111302045 | 110942122 | 111369078 | 0.42 | cps |
| Iron | 57-2 | 2776205 | 2759215 | 2786280 | 2773900 | 0.49 | cps |
| Iron | 54-2 | 6109267 | 6083359 | 6026691 | 6073106 | 0.70 | cps |
| Krypton | 83-1 | 267 | 197 | 257 | 240 | 15.77 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:59:23 | DataFile Name : | 030LCS6.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22619925 | 22858540 | 22680607 | 22719690 | 0.55 | cps |
| Lead | 207-1 | 20616681 | 20775328 | 20891371 | 20761127 | 0.66 | cps |
| Lead | 208-1 | 92479913 | 93432697 | 93977929 | 93296846 | 0.81 | cps |
| Lithium | 6-1 | 1822526 | 1793941 | 1806048 | 1807505 | 0.79 | cps |
| Magnesium | 24-2 | 20609846 | 20718387 | 20690331 | 20672855 | 0.27 | cps |
| Manganese | 55-2 | 18884958 | 19124650 | 18811225 | 18940278 | 0.87 | cps |
| Molybdenum | 94-1 | 21410541 | 21162923 | 20917067 | 21163510 | 1.17 | cps |
| Molybdenum | 95-1 | 31218593 | 30517019 | 30518393 | 30751335 | 1.32 | cps |
| Molybdenum | 96-1 | 34245426 | 33428105 | 33127261 | 33600264 | 1.72 | cps |
| Molybdenum | 97-1 | 19349945 | 19105357 | 18876639 | 19110647 | 1.24 | cps |
| Molybdenum | 98-1 | 49918238 | 49505104 | 49002571 | 49475304 | 0.93 | cps |
| Neodymium | 150-1 | 323 | 360 | 357 | 347 | 5.85 | cps |
| Neodymium | 150-2 | 70 | 93 | 123 | 96 | 27.98 | cps |
| Nickel | 60-2 | 907359 | 901194 | 905401 | 904651 | 0.35 | cps |
| Phosphorus | 31-2 | 123469 | 123170 | 122196 | 122945 | 0.54 | cps |
| Potassium | 39-2 | 13396839 | 13409283 | 13283545 | 13363222 | 0.52 | cps |
| Rhodium | 103-1 | 10247859 | 10084918 | 9863483 | 10065420 | 1.92 | cps |
| Rhodium | 103-2 | 5966230 | 5941316 | 5986354 | 5964633 | 0.38 | cps |
| Scandium | 45-1 | 6350304 | 6159153 | 6004004 | 6171154 | 2.81 | cps |
| Scandium | 45-2 | 514744 | 512186 | 511132 | 512687 | 0.36 | cps |
| Selenium | 82-1 | 93913 | 94132 | 91376 | 93140 | 1.64 | cps |
| Selenium | 77-2 | 9627 | 9717 | 9426 | 9590 | 1.55 | cps |
| Selenium | 78-2 | 32723 | 32319 | 32589 | 32543 | 0.63 | cps |
| Silicon | 28-1 | 7991641 | 7791914 | 7706749 | 7830101 | 1.87 | cps |
| Silver | 107-1 | 7931188 | 7799137 | 7797589 | 7842638 | 0.98 | cps |
| Silver | 109-1 | 7693113 | 7544293 | 7595409 | 7610939 | 0.99 | cps |
| Sodium | 23-2 | 34043065 | 34219564 | 34086804 | 34116478 | 0.27 | cps |
| Strontium | 86-1 | 1988212 | 2007754 | 1926884 | 1974284 | 2.14 | cps |
| Strontium | 88-1 | 17195163 | 17101609 | 16710651 | 17002475 | 1.51 | cps |
| Sulfur | 34-1 | 632288 | 621425 | 609171 | 620962 | 1.86 | cps |
| Terbium | 159-1 | 14435645 | 14032221 | 13786712 | 14084859 | 2.33 | cps |
| Terbium | 159-2 | 9931981 | 9836482 | 9918124 | 9895529 | 0.52 | cps |
| Thallium | 203-1 | 5918917 | 5866089 | 5884663 | 5889890 | 0.46 | cps |
| Thallium | 205-1 | 13817601 | 13853371 | 13816490 | 13829154 | 0.15 | cps |
| Tin | 118-1 | 5189291 | 5195299 | 5144865 | 5176485 | 0.53 | cps |
| Titanium | 47-1 | 7810535 | 7740177 | 7581155 | 7710622 | 1.52 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165834BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS834 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 12:59:23 | DataFile Name : | 030LCS6.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18339594 | 18558547 | 18434515 | 18444219 | 0.60 | cps |
| Vanadium | 51-2 | 2075544 | 2086854 | 2089434 | 2083944 | 0.35 | cps |
| Yttrium | 89-1 | 13489856 | 13119295 | 12908477 | 13172543 | 2.23 | cps |
| Yttrium | 89-2 | 3383301 | 3384246 | 3429664 | 3399070 | 0.78 | cps |
| Zinc | 66-2 | 4563550 | 4533288 | 4533254 | 4543364 | 0.38 | cps |
| Zirconium | 90-1 | 10595193 | 10488015 | 10310977 | 10464728 | 1.37 | cps |
| Zirconium | 91-1 | 2322870 | 2295116 | 2315927 | 2311304 | 0.62 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:02:02 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6867094 | 6806194 | 6820548 | 6831279 | 0.47 | cps |
| Antimony | 121-1 | 3467 | 2880 | 2397 | 2915 | 18.39 | cps |
| Arsenic | 75-2 | 1117 | 1070 | 1183 | 1123 | 5.07 | cps |
| Barium | 135-1 | 129377 | 130346 | 131052 | 130259 | 0.65 | cps |
| Barium | 137-1 | 222964 | 225056 | 227778 | 225266 | 1.07 | cps |
| Beryllium | 9-1 | 1277 | 1043 | 1093 | 1138 | 10.80 | cps |
| Bismuth | 209-1 | 7771055 | 7862690 | 7979945 | 7871230 | 1.33 | cps |
| Bismuth | 209-2 | 6886628 | 6893267 | 6849604 | 6876500 | 0.34 | cps |
| Bromine | 81-1 | 13730 | 13940 | 13890 | 13853 | 0.79 | cps |
| Bromine | 81-2 | 597 | 510 | 590 | 566 | 8.53 | cps |
| Cadmium | 108-1 | 77 | 83 | 63 | 74 | 13.68 | cps |
| Cadmium | 106-1 | 3797 | 3801 | 3801 | 3799 | 0.05 | cps |
| Cadmium | 111-1 | 3168 | 3105 | 3039 | 3104 | 2.07 | cps |
| Calcium | 43-1 | 2801100 | 2813460 | 2838855 | 2817805 | 0.68 | cps |
| Calcium | 44-1 | 44159891 | 44992389 | 45200349 | 44784210 | 1.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 39629 | 40307 | 39642 | 39859 | 0.97 | cps |
| Cobalt | 59-2 | 523345 | 521735 | 523946 | 523009 | 0.22 | cps |
| Copper | 63-2 | 88358 | 87789 | 87232 | 87793 | 0.64 | cps |
| Dysprosium | 156-1 | 161604 | 164352 | 163634 | 163197 | 0.87 | cps |
| Dysprosium | 156-2 | 133144 | 134524 | 134634 | 134101 | 0.62 | cps |
| Erbium | 164-1 | 212067 | 213084 | 214775 | 213309 | 0.64 | cps |
| Erbium | 164-2 | 157516 | 155967 | 155350 | 156278 | 0.71 | cps |
| Gadolinium | 160-1 | 173966 | 176040 | 176095 | 175367 | 0.69 | cps |
| Gadolinium | 160-2 | 133754 | 133930 | 135037 | 134240 | 0.52 | cps |
| Holmium | 165-1 | 13623525 | 13631512 | 13829787 | 13694942 | 0.85 | cps |
| Holmium | 165-2 | 10125694 | 10010077 | 10095288 | 10077020 | 0.59 | cps |
| Indium | 115-1 | 10743223 | 10860039 | 11012383 | 10871882 | 1.24 | cps |
| Indium | 115-2 | 4085787 | 4024645 | 4116174 | 4075535 | 1.14 | cps |
| Iron | 56-2 | 955087106 | 955440332 | 956891319 | 955806252 | 0.10 | cps |
| Iron | 57-2 | 23492594 | 23412855 | 23438969 | 23448139 | 0.17 | cps |
| Iron | 54-2 | 51028283 | 52000603 | 51368246 | 51465710 | 0.96 | cps |
| Krypton | 83-1 | 633 | 607 | 620 | 620 | 2.15 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:02:02 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11418 | 10327 | 10114 | 10620 | 6.59 | cps |
| Lead | 207-1 | 9523 | 9297 | 8783 | 9201 | 4.12 | cps |
| Lead | 208-1 | 44866 | 41825 | 40467 | 42386 | 5.31 | cps |
| Lithium | 6-1 | 1695480 | 1676109 | 1614611 | 1662066 | 2.54 | cps |
| Magnesium | 24-2 | 17588345 | 17410834 | 17677054 | 17558744 | 0.77 | cps |
| Manganese | 55-2 | 12939685 | 13003744 | 12929718 | 12957716 | 0.31 | cps |
| Molybdenum | 94-1 | 11101 | 10417 | 10324 | 10614 | 4.00 | cps |
| Molybdenum | 95-1 | 6088 | 4938 | 4371 | 5132 | 17.05 | cps |
| Molybdenum | 96-1 | 17948 | 16620 | 16156 | 16908 | 5.50 | cps |
| Molybdenum | 97-1 | 3814 | 3324 | 2700 | 3279 | 17.02 | cps |
| Molybdenum | 98-1 | 9617 | 7178 | 6438 | 7744 | 21.47 | cps |
| Neodymium | 150-1 | 184263 | 184048 | 185418 | 184576 | 0.40 | cps |
| Neodymium | 150-2 | 116570 | 115538 | 115757 | 115955 | 0.47 | cps |
| Nickel | 60-2 | 52893 | 52809 | 52542 | 52748 | 0.35 | cps |
| Phosphorus | 31-2 | 8026 | 7992 | 8089 | 8036 | 0.61 | cps |
| Potassium | 39-2 | 455090 | 454804 | 454444 | 454779 | 0.07 | cps |
| Rhodium | 103-1 | 9601010 | 9836130 | 9744107 | 9727082 | 1.22 | cps |
| Rhodium | 103-2 | 6015672 | 6001285 | 6091571 | 6036176 | 0.80 | cps |
| Scandium | 45-1 | 5978933 | 5968969 | 5989471 | 5979124 | 0.17 | cps |
| Scandium | 45-2 | 522090 | 521799 | 525508 | 523133 | 0.39 | cps |
| Selenium | 82-1 | 288 | 300 | 273 | 287 | 4.71 | cps |
| Selenium | 77-2 | 407 | 377 | 400 | 394 | 3.99 | cps |
| Selenium | 78-2 | 610 | 730 | 683 | 674 | 8.97 | cps |
| Silicon | 28-1 | 149550134 | 153008758 | 153688171 | 152082354 | 1.46 | cps |
| Silver | 107-1 | 2230 | 1920 | 1423 | 1858 | 21.90 | cps |
| Silver | 109-1 | 1890 | 1727 | 1297 | 1638 | 18.71 | cps |
| Sodium | 23-2 | 8997854 | 8967781 | 9070394 | 9012010 | 0.59 | cps |
| Strontium | 86-1 | 798093 | 805941 | 814457 | 806164 | 1.02 | cps |
| Strontium | 88-1 | 7138165 | 7285047 | 7233581 | 7218931 | 1.03 | cps |
| Sulfur | 34-1 | 10682896 | 10806327 | 10811780 | 10767001 | 0.68 | cps |
| Terbium | 159-1 | 13882719 | 13983401 | 14028034 | 13964718 | 0.53 | cps |
| Terbium | 159-2 | 9889245 | 9906238 | 9980276 | 9925253 | 0.49 | cps |
| Thallium | 203-1 | 1720 | 1443 | 1327 | 1497 | 13.50 | cps |
| Thallium | 205-1 | 3751 | 3504 | 3137 | 3464 | 8.91 | cps |
| Tin | 118-1 | 4114 | 3874 | 3754 | 3914 | 4.68 | cps |
| Titanium | 47-1 | 7453 | 6675 | 6481 | 6870 | 7.48 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:02:02 | DataFile Name : | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 96543 | 98370 | 95348 | 96753 | 1.57 | cps |
| Vanadium | 51-2 | 1059131 | 1065537 | 1066805 | 1063824 | 0.39 | cps |
| Yttrium | 89-1 | 16282747 | 16432334 | 16473741 | 16396274 | 0.61 | cps |
| Yttrium | 89-2 | 4443029 | 4457537 | 4418624 | 4439730 | 0.44 | cps |
| Zinc | 66-2 | 228098 | 225902 | 229599 | 227866 | 0.82 | cps |
| Zirconium | 90-1 | 19950 | 19793 | 19613 | 19786 | 0.85 | cps |
| Zirconium | 91-1 | 4704 | 4141 | 4361 | 4402 | 6.45 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:05:13 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6935879 | 6902433 | 6844352 | 6894221 | 0.67 | cps |
| Antimony | 121-1 | 913 | 833 | 890 | 879 | 4.68 | cps |
| Arsenic | 75-2 | 1283 | 1093 | 1153 | 1177 | 8.25 | cps |
| Barium | 135-1 | 129610 | 132371 | 130619 | 130866 | 1.07 | cps |
| Barium | 137-1 | 228222 | 229702 | 231061 | 229661 | 0.62 | cps |
| Beryllium | 9-1 | 1083 | 957 | 1073 | 1038 | 6.79 | cps |
| Bismuth | 209-1 | 7973785 | 7832804 | 7979820 | 7928803 | 1.05 | cps |
| Bismuth | 209-2 | 6939907 | 6907857 | 6899802 | 6915855 | 0.31 | cps |
| Bromine | 81-1 | 14421 | 14164 | 14531 | 14372 | 1.31 | cps |
| Bromine | 81-2 | 570 | 553 | 670 | 598 | 10.56 | cps |
| Cadmium | 108-1 | 77 | 60 | 47 | 61 | 24.60 | cps |
| Cadmium | 106-1 | 3991 | 3994 | 3844 | 3943 | 2.17 | cps |
| Cadmium | 111-1 | 3086 | 3057 | 3001 | 3048 | 1.42 | cps |
| Calcium | 43-1 | 2853889 | 2879527 | 2874908 | 2869441 | 0.48 | cps |
| Calcium | 44-1 | 45716498 | 45968483 | 46132159 | 45939047 | 0.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 39114 | 39304 | 39669 | 39362 | 0.72 | cps |
| Cobalt | 59-2 | 528701 | 531422 | 531659 | 530594 | 0.31 | cps |
| Copper | 63-2 | 87943 | 86478 | 86102 | 86841 | 1.12 | cps |
| Dysprosium | 156-1 | 164342 | 167509 | 168318 | 166723 | 1.26 | cps |
| Dysprosium | 156-2 | 134079 | 134551 | 134146 | 134259 | 0.19 | cps |
| Erbium | 164-1 | 216248 | 219195 | 217642 | 217695 | 0.68 | cps |
| Erbium | 164-2 | 159249 | 158888 | 157611 | 158583 | 0.54 | cps |
| Gadolinium | 160-1 | 176875 | 180163 | 178734 | 178591 | 0.92 | cps |
| Gadolinium | 160-2 | 137499 | 136514 | 135794 | 136602 | 0.63 | cps |
| Holmium | 165-1 | 13847363 | 13963647 | 13871401 | 13894137 | 0.44 | cps |
| Holmium | 165-2 | 10305229 | 10157319 | 10026871 | 10163140 | 1.37 | cps |
| Indium | 115-1 | 11167486 | 11051753 | 11029317 | 11082852 | 0.67 | cps |
| Indium | 115-2 | 4198293 | 4085101 | 4153463 | 4145619 | 1.37 | cps |
| Iron | 56-2 | 968671452 | 965611132 | 966580572 | 966954386 | 0.16 | cps |
| Iron | 57-2 | 23847621 | 23881125 | 24010835 | 23913194 | 0.36 | cps |
| Iron | 54-2 | 52153829 | 52191774 | 52395703 | 52247102 | 0.25 | cps |
| Krypton | 83-1 | 587 | 610 | 633 | 610 | 3.83 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:05:13 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8513 | 8263 | 8553 | 8443 | 1.86 | cps |
| Lead | 207-1 | 7095 | 7125 | 6828 | 7016 | 2.33 | cps |
| Lead | 208-1 | 33250 | 32662 | 32022 | 32644 | 1.88 | cps |
| Lithium | 6-1 | 1673495 | 1639703 | 1661988 | 1658395 | 1.04 | cps |
| Magnesium | 24-2 | 17796227 | 17826808 | 17739465 | 17787500 | 0.25 | cps |
| Manganese | 55-2 | 13105475 | 13175183 | 13144306 | 13141655 | 0.27 | cps |
| Molybdenum | 94-1 | 8039 | 7652 | 7842 | 7844 | 2.47 | cps |
| Molybdenum | 95-1 | 1840 | 1657 | 1553 | 1683 | 8.63 | cps |
| Molybdenum | 96-1 | 13857 | 13997 | 13777 | 13877 | 0.80 | cps |
| Molybdenum | 97-1 | 1233 | 1093 | 927 | 1085 | 14.16 | cps |
| Molybdenum | 98-1 | 2470 | 2384 | 2010 | 2288 | 10.69 | cps |
| Neodymium | 150-1 | 184358 | 188371 | 188630 | 187119 | 1.28 | cps |
| Neodymium | 150-2 | 116883 | 118052 | 116786 | 117240 | 0.60 | cps |
| Nickel | 60-2 | 53094 | 53635 | 53291 | 53340 | 0.51 | cps |
| Phosphorus | 31-2 | 8279 | 8179 | 8232 | 8230 | 0.61 | cps |
| Potassium | 39-2 | 458098 | 462416 | 461831 | 460782 | 0.51 | cps |
| Rhodium | 103-1 | 9997404 | 9989912 | 10022248 | 10003188 | 0.17 | cps |
| Rhodium | 103-2 | 6187788 | 6134030 | 6147189 | 6156336 | 0.46 | cps |
| Scandium | 45-1 | 6123137 | 6214059 | 6253033 | 6196743 | 1.08 | cps |
| Scandium | 45-2 | 533889 | 529395 | 533750 | 532345 | 0.48 | cps |
| Selenium | 82-1 | 316 | 290 | 322 | 309 | 5.51 | cps |
| Selenium | 77-2 | 380 | 370 | 433 | 394 | 8.63 | cps |
| Selenium | 78-2 | 777 | 710 | 720 | 736 | 4.89 | cps |
| Silicon | 28-1 | 152869188 | 155560668 | 154936714 | 154455523 | 0.91 | cps |
| Silver | 107-1 | 720 | 587 | 677 | 661 | 10.29 | cps |
| Silver | 109-1 | 673 | 580 | 590 | 614 | 8.34 | cps |
| Sodium | 23-2 | 9107842 | 9158098 | 9044679 | 9103540 | 0.62 | cps |
| Strontium | 86-1 | 818995 | 825159 | 832887 | 825680 | 0.84 | cps |
| Strontium | 88-1 | 7282027 | 7380581 | 7449912 | 7370840 | 1.14 | cps |
| Sulfur | 34-1 | 10758338 | 11034104 | 11053995 | 10948812 | 1.51 | cps |
| Terbium | 159-1 | 14285448 | 14269694 | 14253245 | 14269462 | 0.11 | cps |
| Terbium | 159-2 | 10187893 | 10030110 | 9962738 | 10060247 | 1.15 | cps |
| Thallium | 203-1 | 817 | 813 | 817 | 816 | 0.24 | cps |
| Thallium | 205-1 | 1873 | 1793 | 1693 | 1787 | 5.05 | cps |
| Tin | 118-1 | 3480 | 3517 | 3524 | 3507 | 0.67 | cps |
| Titanium | 47-1 | 6105 | 5991 | 5955 | 6017 | 1.30 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:05:13 | DataFile Name : | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 94814 | 96291 | 95925 | 95677 | 0.80 | cps |
| Vanadium | 51-2 | 1078259 | 1078587 | 1080369 | 1079072 | 0.11 | cps |
| Yttrium | 89-1 | 16681674 | 16920563 | 17047099 | 16883112 | 1.10 | cps |
| Yttrium | 89-2 | 4576591 | 4530179 | 4547231 | 4551334 | 0.52 | cps |
| Zinc | 66-2 | 230305 | 230708 | 231263 | 230759 | 0.21 | cps |
| Zirconium | 90-1 | 17521 | 17357 | 17117 | 17331 | 1.17 | cps |
| Zirconium | 91-1 | 4091 | 3954 | 3814 | 3953 | 3.50 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 13:08:22 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1482925 | 1477116 | 1491100 | 1483714 | 0.47 | cps |
| Antimony | 121-1 | 377 | 407 | 320 | 368 | 11.97 | cps |
| Arsenic | 75-2 | 237 | 250 | 220 | 236 | 6.38 | cps |
| Barium | 135-1 | 28205 | 28148 | 27871 | 28074 | 0.64 | cps |
| Barium | 137-1 | 48028 | 47385 | 47342 | 47585 | 0.81 | cps |
| Beryllium | 9-1 | 267 | 310 | 287 | 288 | 7.54 | cps |
| Bismuth | 209-1 | 8489818 | 8284008 | 8405072 | 8392966 | 1.23 | cps |
| Bismuth | 209-2 | 7273877 | 7244886 | 7280246 | 7266336 | 0.26 | cps |
| Bromine | 81-1 | 14707 | 14617 | 14788 | 14704 | 0.58 | cps |
| Bromine | 81-2 | 267 | 233 | 330 | 277 | 17.75 | cps |
| Cadmium | 108-1 | 33 | 7 | 27 | 22 | 62.43 | cps |
| Cadmium | 106-1 | 3334 | 3140 | 3224 | 3233 | 3.00 | cps |
| Cadmium | 111-1 | 2387 | 2260 | 2331 | 2326 | 2.73 | cps |
| Calcium | 43-1 | 621138 | 635784 | 633173 | 630032 | 1.24 | cps |
| Calcium | 44-1 | 9681035 | 9592301 | 9722207 | 9665181 | 0.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 9983 | 9593 | 9857 | 9811 | 2.03 | cps |
| Cobalt | 59-2 | 116155 | 113498 | 114828 | 114827 | 1.16 | cps |
| Copper | 63-2 | 19733 | 20070 | 20074 | 19959 | 0.98 | cps |
| Dysprosium | 156-1 | 34770 | 35371 | 34185 | 34775 | 1.71 | cps |
| Dysprosium | 156-2 | 28008 | 27767 | 28332 | 28036 | 1.01 | cps |
| Erbium | 164-1 | 44156 | 45290 | 44926 | 44790 | 1.29 | cps |
| Erbium | 164-2 | 32651 | 32257 | 32351 | 32420 | 0.64 | cps |
| Gadolinium | 160-1 | 36644 | 37152 | 36591 | 36796 | 0.84 | cps |
| Gadolinium | 160-2 | 28395 | 28880 | 28937 | 28737 | 1.03 | cps |
| Holmium | 165-1 | 14633197 | 14259982 | 14336787 | 14409989 | 1.37 | cps |
| Holmium | 165-2 | 10377687 | 10330373 | 10413564 | 10373875 | 0.40 | cps |
| Indium | 115-1 | 11899955 | 11742746 | 11771124 | 11804608 | 0.71 | cps |
| Indium | 115-2 | 4332835 | 4392206 | 4358974 | 4361338 | 0.68 | cps |
| Iron | 56-2 | 209574277 | 208942530 | 210850397 | 209789068 | 0.46 | cps |
| Iron | 57-2 | 5107571 | 5096331 | 5121648 | 5108517 | 0.25 | cps |
| Iron | 54-2 | 11298695 | 11334674 | 11219968 | 11284445 | 0.52 | cps |
| Krypton | 83-1 | 220 | 363 | 333 | 306 | 24.74 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 13:08:22 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2307 | 2324 | 2327 | 2319 | 0.46 | cps |
| Lead | 207-1 | 2020 | 1837 | 1913 | 1923 | 4.79 | cps |
| Lead | 208-1 | 9198 | 8955 | 8971 | 9041 | 1.50 | cps |
| Lithium | 6-1 | 1745546 | 1718322 | 1694301 | 1719390 | 1.49 | cps |
| Magnesium | 24-2 | 3722199 | 3786406 | 3811377 | 3773327 | 1.22 | cps |
| Manganese | 55-2 | 2839318 | 2812728 | 2819507 | 2823851 | 0.49 | cps |
| Molybdenum | 94-1 | 1870 | 1823 | 1994 | 1896 | 4.63 | cps |
| Molybdenum | 95-1 | 517 | 507 | 533 | 519 | 2.60 | cps |
| Molybdenum | 96-1 | 3194 | 3127 | 3047 | 3123 | 2.35 | cps |
| Molybdenum | 97-1 | 367 | 237 | 297 | 300 | 21.69 | cps |
| Molybdenum | 98-1 | 590 | 547 | 533 | 557 | 5.32 | cps |
| Neodymium | 150-1 | 38653 | 39803 | 39174 | 39210 | 1.47 | cps |
| Neodymium | 150-2 | 24181 | 24184 | 24087 | 24151 | 0.23 | cps |
| Nickel | 60-2 | 12108 | 12105 | 11731 | 11982 | 1.81 | cps |
| Phosphorus | 31-2 | 2000 | 1900 | 1907 | 1936 | 2.89 | cps |
| Potassium | 39-2 | 135130 | 136001 | 136697 | 135942 | 0.58 | cps |
| Rhodium | 103-1 | 10903199 | 10652131 | 10745277 | 10766869 | 1.18 | cps |
| Rhodium | 103-2 | 6535653 | 6581042 | 6576445 | 6564380 | 0.38 | cps |
| Scandium | 45-1 | 6531981 | 6467741 | 6399577 | 6466433 | 1.02 | cps |
| Scandium | 45-2 | 557054 | 560187 | 561947 | 559729 | 0.44 | cps |
| Selenium | 82-1 | 242 | 131 | 116 | 163 | 42.26 | cps |
| Selenium | 77-2 | 87 | 77 | 93 | 86 | 9.80 | cps |
| Selenium | 78-2 | 493 | 513 | 480 | 496 | 3.39 | cps |
| Silicon | 28-1 | 33147642 | 33976762 | 33757889 | 33627431 | 1.28 | cps |
| Silver | 107-1 | 260 | 233 | 190 | 228 | 15.51 | cps |
| Silver | 109-1 | 227 | 223 | 193 | 214 | 8.56 | cps |
| Sodium | 23-2 | 1947617 | 1977129 | 1957471 | 1960739 | 0.77 | cps |
| Strontium | 86-1 | 174001 | 174403 | 173037 | 173814 | 0.40 | cps |
| Strontium | 88-1 | 1560169 | 1566924 | 1569284 | 1565459 | 0.30 | cps |
| Sulfur | 34-1 | 2517077 | 2511167 | 2511516 | 2513253 | 0.13 | cps |
| Terbium | 159-1 | 14844814 | 14742273 | 14769706 | 14785598 | 0.36 | cps |
| Terbium | 159-2 | 10251716 | 10422324 | 10242834 | 10305625 | 0.98 | cps |
| Thallium | 203-1 | 563 | 477 | 493 | 511 | 9.00 | cps |
| Thallium | 205-1 | 1140 | 1063 | 1120 | 1108 | 3.59 | cps |
| Tin | 118-1 | 2124 | 2100 | 2167 | 2130 | 1.59 | cps |
| Titanium | 47-1 | 1340 | 1327 | 1253 | 1307 | 3.57 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 13:08:22 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 19324 | 19541 | 19261 | 19375 | 0.76 | cps |
| Vanadium | 51-2 | 229329 | 230422 | 230183 | 229978 | 0.25 | cps |
| Yttrium | 89-1 | 14789712 | 14471431 | 14544546 | 14601897 | 1.14 | cps |
| Yttrium | 89-2 | 3927608 | 3913540 | 3924071 | 3921739 | 0.19 | cps |
| Zinc | 66-2 | 50967 | 51294 | 52197 | 51486 | 1.24 | cps |
| Zirconium | 90-1 | 4067 | 4204 | 4237 | 4170 | 2.16 | cps |
| Zirconium | 91-1 | 947 | 940 | 870 | 919 | 4.62 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:11:31 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7053961 | 7039403 | 7003615 | 7032326 | 0.37 | cps |
| Antimony | 121-1 | 1404552 | 1429421 | 1425904 | 1419959 | 0.95 | cps |
| Arsenic | 75-2 | 77397 | 76073 | 76559 | 76676 | 0.87 | cps |
| Barium | 135-1 | 1933790 | 1930479 | 1915127 | 1926465 | 0.52 | cps |
| Barium | 137-1 | 3241860 | 3298241 | 3219511 | 3253204 | 1.25 | cps |
| Beryllium | 9-1 | 177119 | 176762 | 175724 | 176535 | 0.41 | cps |
| Bismuth | 209-1 | 7988561 | 7953805 | 8005856 | 7982741 | 0.33 | cps |
| Bismuth | 209-2 | 6918325 | 6932664 | 6917076 | 6922689 | 0.13 | cps |
| Bromine | 81-1 | 14414 | 14574 | 14537 | 14508 | 0.58 | cps |
| Bromine | 81-2 | 553 | 653 | 587 | 598 | 8.52 | cps |
| Cadmium | 108-1 | 27997 | 27326 | 27653 | 27659 | 1.21 | cps |
| Cadmium | 106-1 | 43502 | 43612 | 43140 | 43418 | 0.57 | cps |
| Cadmium | 111-1 | 383638 | 390162 | 387261 | 387020 | 0.84 | cps |
| Calcium | 43-1 | 3043798 | 3064925 | 2989158 | 3032627 | 1.29 | cps |
| Calcium | 44-1 | 48335696 | 49347221 | 48151236 | 48611384 | 1.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 602596 | 602910 | 597900 | 601135 | 0.47 | cps |
| Cobalt | 59-2 | 1413500 | 1411464 | 1407154 | 1410706 | 0.23 | cps |
| Copper | 63-2 | 5719620 | 5665170 | 5654785 | 5679858 | 0.61 | cps |
| Dysprosium | 156-1 | 155736 | 159022 | 159663 | 158140 | 1.33 | cps |
| Dysprosium | 156-2 | 127714 | 127610 | 128279 | 127868 | 0.28 | cps |
| Erbium | 164-1 | 203983 | 206267 | 206973 | 205741 | 0.76 | cps |
| Erbium | 164-2 | 148931 | 150302 | 148072 | 149101 | 0.75 | cps |
| Gadolinium | 160-1 | 166760 | 170267 | 170611 | 169212 | 1.26 | cps |
| Gadolinium | 160-2 | 128015 | 129522 | 127433 | 128323 | 0.84 | cps |
| Holmium | 165-1 | 14137120 | 13967689 | 14026269 | 14043693 | 0.61 | cps |
| Holmium | 165-2 | 10139877 | 10158863 | 10100111 | 10132950 | 0.30 | cps |
| Indium | 115-1 | 11186868 | 11300160 | 11152623 | 11213217 | 0.69 | cps |
| Indium | 115-2 | 4148959 | 3999899 | 4061984 | 4070281 | 1.84 | cps |
| Iron | 56-2 | 933011133 | 940474973 | 933806359 | 935764155 | 0.44 | cps |
| Iron | 57-2 | 23096239 | 23240793 | 22997165 | 23111399 | 0.53 | cps |
| Iron | 54-2 | 50544611 | 50845998 | 50710406 | 50700338 | 0.30 | cps |
| Krypton | 83-1 | 620 | 600 | 707 | 642 | 8.83 | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:11:31 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4389635 | 4351367 | 4329955 | 4356986 | 0.69 | cps |
| Lead | 207-1 | 3995297 | 4055364 | 4094024 | 4048228 | 1.23 | cps |
| Lead | 208-1 | 17873133 | 18095091 | 18077706 | 18015310 | 0.69 | cps |
| Lithium | 6-1 | 1666959 | 1630082 | 1673463 | 1656834 | 1.41 | cps |
| Magnesium | 24-2 | 20665567 | 20590600 | 20526783 | 20594317 | 0.34 | cps |
| Manganese | 55-2 | 15868026 | 16070821 | 15900837 | 15946561 | 0.68 | cps |
| Molybdenum | 94-1 | 3320955 | 3327860 | 3308842 | 3319219 | 0.29 | cps |
| Molybdenum | 95-1 | 4155455 | 4159208 | 4216278 | 4176980 | 0.82 | cps |
| Molybdenum | 96-1 | 4657873 | 4663109 | 4655001 | 4658661 | 0.09 | cps |
| Molybdenum | 97-1 | 2613250 | 2596346 | 2587024 | 2598873 | 0.51 | cps |
| Molybdenum | 98-1 | 6678548 | 6688720 | 6677019 | 6681429 | 0.10 | cps |
| Neodymium | 150-1 | 176219 | 178487 | 180274 | 178327 | 1.14 | cps |
| Neodymium | 150-2 | 110982 | 110176 | 110609 | 110589 | 0.36 | cps |
| Nickel | 60-2 | 273158 | 273532 | 273458 | 273383 | 0.07 | cps |
| Phosphorus | 31-2 | 7769 | 7765 | 7609 | 7714 | 1.19 | cps |
| Potassium | 39-2 | 3482401 | 3445865 | 3426929 | 3451732 | 0.82 | cps |
| Rhodium | 103-1 | 10317495 | 10105552 | 10210225 | 10211090 | 1.04 | cps |
| Rhodium | 103-2 | 6146821 | 6095186 | 6039585 | 6093864 | 0.88 | cps |
| Scandium | 45-1 | 6267201 | 6349183 | 6239930 | 6285438 | 0.90 | cps |
| Scandium | 45-2 | 531184 | 529032 | 529409 | 529875 | 0.22 | cps |
| Selenium | 82-1 | 22447 | 22886 | 22680 | 22671 | 0.97 | cps |
| Selenium | 77-2 | 2644 | 2737 | 2710 | 2697 | 1.78 | cps |
| Selenium | 78-2 | 8246 | 8909 | 8749 | 8635 | 4.01 | cps |
| Silicon | 28-1 | 147137368 | 149590494 | 146396244 | 147708036 | 1.13 | cps |
| Silver | 107-1 | 3214 | 3277 | 3240 | 3244 | 0.98 | cps |
| Silver | 109-1 | 1837 | 1957 | 1773 | 1856 | 5.02 | cps |
| Sodium | 23-2 | 15196736 | 15173294 | 14989680 | 15119903 | 0.75 | cps |
| Strontium | 86-1 | 1240111 | 1249740 | 1254824 | 1248225 | 0.60 | cps |
| Strontium | 88-1 | 11098541 | 11264110 | 11259481 | 11207377 | 0.84 | cps |
| Sulfur | 34-1 | 10372116 | 10508172 | 10326679 | 10402323 | 0.91 | cps |
| Terbium | 159-1 | 14337798 | 14475771 | 14392232 | 14401934 | 0.48 | cps |
| Terbium | 159-2 | 9907571 | 10072828 | 10049619 | 10010006 | 0.89 | cps |
| Thallium | 203-1 | 1265371 | 1284951 | 1278378 | 1276233 | 0.78 | cps |
| Thallium | 205-1 | 3326627 | 3327465 | 3293728 | 3315940 | 0.58 | cps |
| Tin | 118-1 | 1092167 | 1119963 | 1111738 | 1107956 | 1.29 | cps |
| Titanium | 47-1 | 664358 | 669535 | 664137 | 666010 | 0.46 | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:11:31 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4453018 | 4480156 | 4578386 | 4503853 | 1.46 | cps |
| Vanadium | 51-2 | 1567822 | 1536784 | 1534069 | 1546225 | 1.21 | cps |
| Yttrium | 89-1 | 17033813 | 16829614 | 16905174 | 16922867 | 0.61 | cps |
| Yttrium | 89-2 | 4426531 | 4399372 | 4466536 | 4430813 | 0.76 | cps |
| Zinc | 66-2 | 1094996 | 1095957 | 1083236 | 1091397 | 0.65 | cps |
| Zirconium | 90-1 | 2566571 | 2614752 | 2589617 | 2590313 | 0.93 | cps |
| Zirconium | 91-1 | 558742 | 567140 | 561284 | 562389 | 0.77 | cps |

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:14:22 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6990010 | 6944826 | 7004949 | 6979928 | 0.45 | cps |
| Antimony | 121-1 | 1390051 | 1414186 | 1404904 | 1403047 | 0.87 | cps |
| Arsenic | 75-2 | 75518 | 75601 | 74908 | 75342 | 0.50 | cps |
| Barium | 135-1 | 1875699 | 1905242 | 1892863 | 1891268 | 0.78 | cps |
| Barium | 137-1 | 3209487 | 3235153 | 3224320 | 3222987 | 0.40 | cps |
| Beryllium | 9-1 | 173590 | 172532 | 174042 | 173388 | 0.45 | cps |
| Bismuth | 209-1 | 7968831 | 8100426 | 8045087 | 8038115 | 0.82 | cps |
| Bismuth | 209-2 | 6809478 | 6898387 | 6855493 | 6854453 | 0.65 | cps |
| Bromine | 81-1 | 13990 | 14160 | 14447 | 14199 | 1.63 | cps |
| Bromine | 81-2 | 490 | 547 | 577 | 538 | 8.18 | cps |
| Cadmium | 108-1 | 27025 | 27339 | 27499 | 27288 | 0.88 | cps |
| Cadmium | 106-1 | 41980 | 43201 | 42689 | 42623 | 1.44 | cps |
| Cadmium | 111-1 | 376052 | 380409 | 384004 | 380155 | 1.05 | cps |
| Calcium | 43-1 | 3022266 | 3026157 | 3024522 | 3024315 | 0.06 | cps |
| Calcium | 44-1 | 47815564 | 48410388 | 48004921 | 48076958 | 0.63 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 590658 | 594248 | 592333 | 592413 | 0.30 | cps |
| Cobalt | 59-2 | 1382707 | 1382836 | 1386458 | 1384000 | 0.15 | cps |
| Copper | 63-2 | 5680694 | 5666111 | 5719045 | 5688617 | 0.48 | cps |
| Dysprosium | 156-1 | 155725 | 157317 | 159332 | 157458 | 1.15 | cps |
| Dysprosium | 156-2 | 125882 | 126029 | 125147 | 125686 | 0.38 | cps |
| Erbium | 164-1 | 202029 | 207727 | 203834 | 204530 | 1.42 | cps |
| Erbium | 164-2 | 148837 | 148179 | 149402 | 148806 | 0.41 | cps |
| Gadolinium | 160-1 | 167751 | 169256 | 170520 | 169175 | 0.82 | cps |
| Gadolinium | 160-2 | 127955 | 126512 | 127925 | 127464 | 0.65 | cps |
| Holmium | 165-1 | 13912464 | 14194615 | 14090416 | 14065831 | 1.01 | cps |
| Holmium | 165-2 | 10194149 | 10004720 | 10064578 | 10087815 | 0.96 | cps |
| Indium | 115-1 | 11304490 | 11267709 | 11248745 | 11273648 | 0.25 | cps |
| Indium | 115-2 | 4099818 | 4057897 | 4046655 | 4068123 | 0.69 | cps |
| Iron | 56-2 | 926280386 | 924905506 | 931207079 | 927464324 | 0.36 | cps |
| Iron | 57-2 | 22847307 | 22794036 | 22686453 | 22775932 | 0.36 | cps |
| Iron | 54-2 | 50110618 | 50039399 | 50235246 | 50128421 | 0.20 | cps |
| Krypton | 83-1 | 607 | 557 | 617 | 593 | 5.42 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:14:22 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4433920 | 4354396 | 4388152 | 4392156 | 0.91 | cps |
| Lead | 207-1 | 4030703 | 4029297 | 4048564 | 4036188 | 0.27 | cps |
| Lead | 208-1 | 18028401 | 17941789 | 18216236 | 18062142 | 0.78 | cps |
| Lithium | 6-1 | 1673087 | 1714444 | 1647470 | 1678334 | 2.01 | cps |
| Magnesium | 24-2 | 20508019 | 20307033 | 20510414 | 20441822 | 0.57 | cps |
| Manganese | 55-2 | 15777145 | 15764624 | 15820001 | 15787257 | 0.18 | cps |
| Molybdenum | 94-1 | 3268603 | 3281091 | 3293514 | 3281070 | 0.38 | cps |
| Molybdenum | 95-1 | 4134754 | 4125215 | 4168108 | 4142693 | 0.54 | cps |
| Molybdenum | 96-1 | 4624212 | 4610869 | 4621997 | 4619026 | 0.15 | cps |
| Molybdenum | 97-1 | 2553625 | 2578424 | 2608802 | 2580284 | 1.07 | cps |
| Molybdenum | 98-1 | 6619763 | 6658218 | 6650577 | 6642853 | 0.31 | cps |
| Neodymium | 150-1 | 176111 | 177823 | 178180 | 177371 | 0.62 | cps |
| Neodymium | 150-2 | 108873 | 110754 | 108748 | 109458 | 1.03 | cps |
| Nickel | 60-2 | 268951 | 268024 | 267374 | 268117 | 0.30 | cps |
| Phosphorus | 31-2 | 7379 | 7985 | 7929 | 7764 | 4.32 | cps |
| Potassium | 39-2 | 3404065 | 3455083 | 3472009 | 3443719 | 1.03 | cps |
| Rhodium | 103-1 | 10125325 | 10174153 | 10089673 | 10129717 | 0.42 | cps |
| Rhodium | 103-2 | 6116029 | 6086220 | 6105256 | 6102502 | 0.25 | cps |
| Scandium | 45-1 | 6216554 | 6222076 | 6194034 | 6210888 | 0.24 | cps |
| Scandium | 45-2 | 534935 | 534323 | 531207 | 533488 | 0.37 | cps |
| Selenium | 82-1 | 22464 | 22558 | 22695 | 22572 | 0.52 | cps |
| Selenium | 77-2 | 2680 | 2644 | 2587 | 2637 | 1.78 | cps |
| Selenium | 78-2 | 8049 | 8446 | 8049 | 8181 | 2.80 | cps |
| Silicon | 28-1 | 145484131 | 145856054 | 145888908 | 145743031 | 0.15 | cps |
| Silver | 107-1 | 3254 | 3244 | 3447 | 3315 | 3.46 | cps |
| Silver | 109-1 | 1827 | 1847 | 1883 | 1852 | 1.55 | cps |
| Sodium | 23-2 | 14998947 | 15154002 | 15031536 | 15061495 | 0.54 | cps |
| Strontium | 86-1 | 1233739 | 1245367 | 1238808 | 1239305 | 0.47 | cps |
| Strontium | 88-1 | 11118772 | 11182014 | 10963016 | 11087934 | 1.02 | cps |
| Sulfur | 34-1 | 10301174 | 10284533 | 10447961 | 10344556 | 0.87 | cps |
| Terbium | 159-1 | 14383783 | 14357833 | 14354002 | 14365206 | 0.11 | cps |
| Terbium | 159-2 | 10140500 | 10027444 | 10072452 | 10080132 | 0.56 | cps |
| Thallium | 203-1 | 1268057 | 1285494 | 1278848 | 1277466 | 0.69 | cps |
| Thallium | 205-1 | 3262149 | 3287860 | 3278787 | 3276265 | 0.40 | cps |
| Tin | 118-1 | 1090232 | 1107159 | 1120399 | 1105930 | 1.37 | cps |
| Titanium | 47-1 | 650432 | 662296 | 656187 | 656305 | 0.90 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:14:22 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4478614 | 4547404 | 4541504 | 4522507 | 0.84 | cps |
| Vanadium | 51-2 | 1536494 | 1540422 | 1520463 | 1532460 | 0.69 | cps |
| Yttrium | 89-1 | 16933930 | 16885155 | 16702703 | 16840596 | 0.72 | cps |
| Yttrium | 89-2 | 4419700 | 4391612 | 4446941 | 4419418 | 0.63 | cps |
| Zinc | 66-2 | 1084309 | 1086959 | 1085548 | 1085605 | 0.12 | cps |
| Zirconium | 90-1 | 2531488 | 2589584 | 2544891 | 2555321 | 1.19 | cps |
| Zirconium | 91-1 | 549184 | 551979 | 560300 | 553821 | 1.04 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:17:16 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6985489 | 7022598 | 6987723 | 6998603 | 0.30 | cps |
| Antimony | 121-1 | 1420849 | 1426803 | 1435640 | 1427764 | 0.52 | cps |
| Arsenic | 75-2 | 75722 | 77145 | 75487 | 76118 | 1.18 | cps |
| Barium | 135-1 | 1882778 | 1940592 | 1940814 | 1921395 | 1.74 | cps |
| Barium | 137-1 | 3262312 | 3307582 | 3349794 | 3306563 | 1.32 | cps |
| Beryllium | 9-1 | 174973 | 176671 | 176628 | 176091 | 0.55 | cps |
| Bismuth | 209-1 | 8076013 | 8075389 | 8133829 | 8095077 | 0.41 | cps |
| Bismuth | 209-2 | 6852434 | 6916785 | 6893683 | 6887634 | 0.47 | cps |
| Bromine | 81-1 | 14507 | 14844 | 14240 | 14531 | 2.08 | cps |
| Bromine | 81-2 | 580 | 527 | 603 | 570 | 6.89 | cps |
| Cadmium | 108-1 | 27162 | 27653 | 27469 | 27428 | 0.90 | cps |
| Cadmium | 106-1 | 42943 | 43315 | 43044 | 43100 | 0.45 | cps |
| Cadmium | 111-1 | 383355 | 390564 | 389129 | 387683 | 0.98 | cps |
| Calcium | 43-1 | 3025346 | 3028453 | 3040137 | 3031312 | 0.26 | cps |
| Calcium | 44-1 | 48955774 | 48761681 | 48638621 | 48785359 | 0.33 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 602453 | 601526 | 597436 | 600471 | 0.44 | cps |
| Cobalt | 59-2 | 1470642 | 1448918 | 1399406 | 1439655 | 2.54 | cps |
| Copper | 63-2 | 5779471 | 5748770 | 5709984 | 5746075 | 0.61 | cps |
| Dysprosium | 156-1 | 156515 | 161520 | 160651 | 159562 | 1.68 | cps |
| Dysprosium | 156-2 | 128807 | 128410 | 128602 | 128607 | 0.15 | cps |
| Erbium | 164-1 | 204196 | 207126 | 209961 | 207094 | 1.39 | cps |
| Erbium | 164-2 | 150534 | 150525 | 149591 | 150217 | 0.36 | cps |
| Gadolinium | 160-1 | 170369 | 173247 | 172305 | 171973 | 0.85 | cps |
| Gadolinium | 160-2 | 128062 | 128798 | 128718 | 128526 | 0.31 | cps |
| Holmium | 165-1 | 14204756 | 14005090 | 14209369 | 14139739 | 0.82 | cps |
| Holmium | 165-2 | 10084117 | 10221866 | 10243179 | 10183054 | 0.85 | cps |
| Indium | 115-1 | 11302671 | 11154583 | 11268423 | 11241892 | 0.69 | cps |
| Indium | 115-2 | 4143172 | 4146529 | 4152491 | 4147397 | 0.11 | cps |
| Iron | 56-2 | 951463932 | 938003106 | 936119053 | 941862030 | 0.89 | cps |
| Iron | 57-2 | 23432054 | 23303416 | 22875399 | 23203623 | 1.26 | cps |
| Iron | 54-2 | 51407374 | 50675871 | 50404779 | 50829341 | 1.02 | cps |
| Krypton | 83-1 | 630 | 563 | 597 | 597 | 5.59 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:17:16 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4405783 | 4492931 | 4551086 | 4483267 | 1.63 | cps |
| Lead | 207-1 | 4127101 | 4179047 | 4160682 | 4155610 | 0.63 | cps |
| Lead | 208-1 | 18300434 | 18541466 | 18685765 | 18509221 | 1.05 | cps |
| Lithium | 6-1 | 1668952 | 1661441 | 1647652 | 1659349 | 0.65 | cps |
| Magnesium | 24-2 | 20511403 | 20651305 | 20639191 | 20600633 | 0.38 | cps |
| Manganese | 55-2 | 16256855 | 16039171 | 15967234 | 16087753 | 0.94 | cps |
| Molybdenum | 94-1 | 3300027 | 3362303 | 3315878 | 3326069 | 0.97 | cps |
| Molybdenum | 95-1 | 4202445 | 4222277 | 4227981 | 4217568 | 0.32 | cps |
| Molybdenum | 96-1 | 4670740 | 4722225 | 4631155 | 4674706 | 0.98 | cps |
| Molybdenum | 97-1 | 2612823 | 2642496 | 2600662 | 2618660 | 0.82 | cps |
| Molybdenum | 98-1 | 6652582 | 6823364 | 6749953 | 6741966 | 1.27 | cps |
| Neodymium | 150-1 | 177586 | 181147 | 180725 | 179820 | 1.08 | cps |
| Neodymium | 150-2 | 112739 | 111116 | 110808 | 111555 | 0.93 | cps |
| Nickel | 60-2 | 279312 | 273430 | 271282 | 274675 | 1.51 | cps |
| Phosphorus | 31-2 | 7839 | 7795 | 7805 | 7813 | 0.29 | cps |
| Potassium | 39-2 | 3494657 | 3402310 | 3502674 | 3466547 | 1.61 | cps |
| Rhodium | 103-1 | 10130150 | 10080322 | 10129816 | 10113429 | 0.28 | cps |
| Rhodium | 103-2 | 6208561 | 6151575 | 6128679 | 6162938 | 0.67 | cps |
| Scandium | 45-1 | 6357367 | 6192801 | 6151109 | 6233759 | 1.75 | cps |
| Scandium | 45-2 | 534551 | 529314 | 532255 | 532040 | 0.49 | cps |
| Selenium | 82-1 | 22416 | 22802 | 22774 | 22664 | 0.95 | cps |
| Selenium | 77-2 | 2560 | 2637 | 2817 | 2671 | 4.93 | cps |
| Selenium | 78-2 | 8493 | 8486 | 8372 | 8450 | 0.80 | cps |
| Silicon | 28-1 | 144385281 | 147874028 | 148815854 | 147025054 | 1.59 | cps |
| Silver | 107-1 | 3627 | 3387 | 3357 | 3457 | 4.28 | cps |
| Silver | 109-1 | 1943 | 1790 | 2023 | 1919 | 6.18 | cps |
| Sodium | 23-2 | 14990851 | 15164710 | 15157750 | 15104437 | 0.65 | cps |
| Strontium | 86-1 | 1239630 | 1246197 | 1249701 | 1245176 | 0.41 | cps |
| Strontium | 88-1 | 11098742 | 11161330 | 11278806 | 11179626 | 0.82 | cps |
| Sulfur | 34-1 | 10361855 | 10441931 | 10440319 | 10414702 | 0.44 | cps |
| Terbium | 159-1 | 14537003 | 14367878 | 14471209 | 14458696 | 0.59 | cps |
| Terbium | 159-2 | 10019970 | 10176890 | 10038785 | 10078548 | 0.85 | cps |
| Thallium | 203-1 | 1283685 | 1289160 | 1307768 | 1293538 | 0.98 | cps |
| Thallium | 205-1 | 3277991 | 3328262 | 3324469 | 3310240 | 0.85 | cps |
| Tin | 118-1 | 1117439 | 1119527 | 1131750 | 1122905 | 0.69 | cps |
| Titanium | 47-1 | 662780 | 672074 | 671783 | 668879 | 0.79 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:17:16 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4464819 | 4523412 | 4566380 | 4518203 | 1.13 | cps |
| Vanadium | 51-2 | 1584956 | 1536536 | 1569098 | 1563530 | 1.58 | cps |
| Yttrium | 89-1 | 16761358 | 16863636 | 16795119 | 16806704 | 0.31 | cps |
| Yttrium | 89-2 | 4489620 | 4434926 | 4434242 | 4452929 | 0.71 | cps |
| Zinc | 66-2 | 1109780 | 1108721 | 1106888 | 1108463 | 0.13 | cps |
| Zirconium | 90-1 | 2567969 | 2622659 | 2602602 | 2597743 | 1.07 | cps |
| Zirconium | 91-1 | 558223 | 565538 | 564054 | 562605 | 0.69 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:20:07 | DataFile Name : | 037CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13811743 | 13831258 | 13805860 | 13816287 | 0.10 | cps |
| Antimony | 121-1 | 6119446 | 6177301 | 6155186 | 6150644 | 0.47 | cps |
| Arsenic | 75-2 | 300010 | 299140 | 296988 | 298713 | 0.52 | cps |
| Barium | 135-1 | 7928241 | 8055060 | 7960521 | 7981274 | 0.83 | cps |
| Barium | 137-1 | 13711000 | 13832919 | 13707371 | 13750430 | 0.52 | cps |
| Beryllium | 9-1 | 719829 | 728652 | 728068 | 725517 | 0.68 | cps |
| Bismuth | 209-1 | 7778527 | 7654633 | 7669992 | 7701050 | 0.88 | cps |
| Bismuth | 209-2 | 6611265 | 6527392 | 6583751 | 6574136 | 0.65 | cps |
| Bromine | 81-1 | 12612 | 12839 | 12816 | 12756 | 0.98 | cps |
| Bromine | 81-2 | 100 | 120 | 127 | 116 | 12.01 | cps |
| Cadmium | 108-1 | 107518 | 106984 | 107793 | 107431 | 0.38 | cps |
| Cadmium | 106-1 | 152935 | 154383 | 155155 | 154158 | 0.73 | cps |
| Cadmium | 111-1 | 1452713 | 1460322 | 1457609 | 1456881 | 0.26 | cps |
| Calcium | 43-1 | 8027494 | 8002666 | 8085078 | 8038413 | 0.53 | cps |
| Calcium | 44-1 | 129006165 | 127687415 | 129466238 | 128719939 | 0.72 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2383799 | 2392911 | 2369465 | 2382058 | 0.50 | cps |
| Cobalt | 59-2 | 3623496 | 3670445 | 3682244 | 3658728 | 0.85 | cps |
| Copper | 63-2 | 26058968 | 26229462 | 26212404 | 26166945 | 0.36 | cps |
| Dysprosium | 156-1 | 327 | 383 | 343 | 351 | 8.29 | cps |
| Dysprosium | 156-2 | 443 | 517 | 513 | 491 | 8.43 | cps |
| Erbium | 164-1 | 400 | 410 | 323 | 378 | 12.55 | cps |
| Erbium | 164-2 | 177 | 207 | 257 | 213 | 18.94 | cps |
| Gadolinium | 160-1 | 250 | 293 | 263 | 269 | 8.26 | cps |
| Gadolinium | 160-2 | 567 | 597 | 643 | 602 | 6.42 | cps |
| Holmium | 165-1 | 13899615 | 13701321 | 13653492 | 13751476 | 0.95 | cps |
| Holmium | 165-2 | 9928468 | 9971455 | 9925952 | 9941958 | 0.26 | cps |
| Indium | 115-1 | 10759354 | 10482817 | 10403206 | 10548459 | 1.77 | cps |
| Indium | 115-2 | 3861133 | 3859227 | 3870492 | 3863617 | 0.16 | cps |
| Iron | 56-2 | 568849098 | 565442658 | 562868058 | 565719938 | 0.53 | cps |
| Iron | 57-2 | 14072288 | 13934864 | 13899795 | 13968982 | 0.65 | cps |
| Iron | 54-2 | 30554350 | 30356568 | 30674975 | 30528631 | 0.53 | cps |
| Krypton | 83-1 | 233 | 213 | 230 | 226 | 4.75 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:20:07 | DataFile Name : | 037CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22466516 | 22590911 | 22430483 | 22495970 | 0.37 | cps |
| Lead | 207-1 | 20442206 | 20457088 | 20728126 | 20542473 | 0.78 | cps |
| Lead | 208-1 | 92924299 | 92449187 | 92876263 | 92749916 | 0.28 | cps |
| Lithium | 6-1 | 1661152 | 1630253 | 1651520 | 1647642 | 0.96 | cps |
| Magnesium | 24-2 | 107415668 | 107297065 | 106872318 | 107195017 | 0.27 | cps |
| Manganese | 55-2 | 19178556 | 19024034 | 19025025 | 19075872 | 0.47 | cps |
| Molybdenum | 94-1 | 21560380 | 21483787 | 21599574 | 21547914 | 0.27 | cps |
| Molybdenum | 95-1 | 31182206 | 31113087 | 31382557 | 31225950 | 0.45 | cps |
| Molybdenum | 96-1 | 34073657 | 33650079 | 34190314 | 33971350 | 0.84 | cps |
| Molybdenum | 97-1 | 19313051 | 19073895 | 19340098 | 19242348 | 0.76 | cps |
| Molybdenum | 98-1 | 50029776 | 49589531 | 49729001 | 49782769 | 0.45 | cps |
| Neodymium | 150-1 | 533 | 530 | 543 | 536 | 1.30 | cps |
| Neodymium | 150-2 | 153 | 167 | 167 | 162 | 4.74 | cps |
| Nickel | 60-2 | 880787 | 885196 | 875868 | 880617 | 0.53 | cps |
| Phosphorus | 31-2 | 122384 | 122230 | 123130 | 122581 | 0.39 | cps |
| Potassium | 39-2 | 68026581 | 68719424 | 68629612 | 68458539 | 0.55 | cps |
| Rhodium | 103-1 | 9323413 | 9293253 | 9255829 | 9290832 | 0.36 | cps |
| Rhodium | 103-2 | 5662087 | 5738005 | 5711512 | 5703868 | 0.68 | cps |
| Scandium | 45-1 | 6030953 | 5955137 | 5813652 | 5933247 | 1.86 | cps |
| Scandium | 45-2 | 514897 | 509965 | 512651 | 512504 | 0.48 | cps |
| Selenium | 82-1 | 87027 | 87081 | 88061 | 87390 | 0.67 | cps |
| Selenium | 77-2 | 9570 | 8906 | 9063 | 9180 | 3.78 | cps |
| Selenium | 78-2 | 31320 | 31383 | 30956 | 31220 | 0.74 | cps |
| Silicon | 28-1 | 3550485 | 3557911 | 3596014 | 3568136 | 0.68 | cps |
| Silver | 107-1 | 7463838 | 7365080 | 7499970 | 7442963 | 0.94 | cps |
| Silver | 109-1 | 7072647 | 7157027 | 7104636 | 7111437 | 0.60 | cps |
| Sodium | 23-2 | 172664217 | 171595724 | 173058271 | 172439404 | 0.44 | cps |
| Strontium | 86-1 | 1976549 | 1958481 | 1967417 | 1967483 | 0.46 | cps |
| Strontium | 88-1 | 17214606 | 17236513 | 17014614 | 17155244 | 0.71 | cps |
| Sulfur | 34-1 | 585104 | 591684 | 595833 | 590874 | 0.92 | cps |
| Terbium | 159-1 | 13976923 | 14213531 | 13820829 | 14003761 | 1.41 | cps |
| Terbium | 159-2 | 9797369 | 9775381 | 9783568 | 9785439 | 0.11 | cps |
| Thallium | 203-1 | 5877417 | 5864215 | 5759663 | 5833765 | 1.11 | cps |
| Thallium | 205-1 | 13882226 | 13766199 | 13829462 | 13825962 | 0.42 | cps |
| Tin | 118-1 | 5107851 | 5105240 | 5124358 | 5112483 | 0.20 | cps |
| Titanium | 47-1 | 7503812 | 7550368 | 7555355 | 7536512 | 0.38 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:20:07 | DataFile Name : | 037CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18553202 | 19066704 | 18878754 | 18832887 | 1.38 | cps |
| Vanadium | 51-2 | 2150694 | 2125859 | 2183265 | 2153273 | 1.34 | cps |
| Yttrium | 89-1 | 12898876 | 12699649 | 12593506 | 12730677 | 1.22 | cps |
| Yttrium | 89-2 | 3441205 | 3487193 | 3444270 | 3457556 | 0.74 | cps |
| Zinc | 66-2 | 4301413 | 4309327 | 4292415 | 4301052 | 0.20 | cps |
| Zirconium | 90-1 | 10607326 | 10481378 | 10558599 | 10549101 | 0.60 | cps |
| Zirconium | 91-1 | 2323658 | 2325040 | 2350914 | 2333204 | 0.66 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:23:36 | DataFile Name : | 038CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1067 | 940 | 890 | 966 | 9.43 | cps |
| Antimony | 121-1 | 2267 | 2104 | 1737 | 2036 | 13.33 | cps |
| Arsenic | 75-2 | 30 | 17 | 30 | 26 | 30.11 | cps |
| Barium | 135-1 | 923 | 880 | 760 | 854 | 9.90 | cps |
| Barium | 137-1 | 1633 | 1407 | 1227 | 1422 | 14.33 | cps |
| Beryllium | 9-1 | 237 | 213 | 170 | 207 | 16.37 | cps |
| Bismuth | 209-1 | 8612297 | 8461681 | 8515604 | 8529861 | 0.89 | cps |
| Bismuth | 209-2 | 7377812 | 7390716 | 7295355 | 7354628 | 0.70 | cps |
| Bromine | 81-1 | 13159 | 13173 | 13223 | 13185 | 0.25 | cps |
| Bromine | 81-2 | 287 | 260 | 227 | 258 | 11.66 | cps |
| Cadmium | 108-1 | 40 | 50 | 7 | 32 | 70.41 | cps |
| Cadmium | 106-1 | 3040 | 3084 | 2937 | 3020 | 2.50 | cps |
| Cadmium | 111-1 | 2310 | 2350 | 2211 | 2291 | 3.12 | cps |
| Calcium | 43-1 | 1363 | 1197 | 940 | 1167 | 18.28 | cps |
| Calcium | 44-1 | 25805 | 24473 | 21615 | 23965 | 8.93 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1467 | 1430 | 1537 | 1478 | 3.67 | cps |
| Cobalt | 59-2 | 340 | 343 | 267 | 317 | 13.68 | cps |
| Copper | 63-2 | 2834 | 2510 | 2244 | 2529 | 11.68 | cps |
| Dysprosium | 156-1 | 13 | 23 | 23 | 20 | 28.87 | cps |
| Dysprosium | 156-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Erbium | 164-1 | 57 | 43 | 50 | 50 | 13.34 | cps |
| Erbium | 164-2 | 30 | 37 | 50 | 39 | 26.18 | cps |
| Gadolinium | 160-1 | 20 | 50 | 83 | 51 | 61.98 | cps |
| Gadolinium | 160-2 | 427 | 450 | 393 | 423 | 6.73 | cps |
| Holmium | 165-1 | 14188743 | 14026899 | 13850394 | 14022012 | 1.21 | cps |
| Holmium | 165-2 | 10236068 | 10181853 | 9935502 | 10117808 | 1.58 | cps |
| Indium | 115-1 | 11512899 | 11539117 | 11472050 | 11508022 | 0.29 | cps |
| Indium | 115-2 | 4241349 | 4252418 | 4235968 | 4243245 | 0.20 | cps |
| Iron | 56-2 | 67400 | 64424 | 59537 | 63787 | 6.22 | cps |
| Iron | 57-2 | 1930 | 2050 | 1780 | 1920 | 7.05 | cps |
| Iron | 54-2 | 5124 | 4791 | 4341 | 4752 | 8.28 | cps |
| Krypton | 83-1 | 217 | 207 | 173 | 199 | 11.41 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:23:36 | DataFile Name : | 038CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3337 | 2944 | 2697 | 2993 | 10.79 | cps |
| Lead | 207-1 | 3110 | 2797 | 2327 | 2745 | 14.37 | cps |
| Lead | 208-1 | 13740 | 12312 | 10905 | 12319 | 11.50 | cps |
| Lithium | 6-1 | 1825741 | 1807227 | 1790641 | 1807870 | 0.97 | cps |
| Magnesium | 24-2 | 7749 | 7238 | 6882 | 7290 | 5.98 | cps |
| Manganese | 55-2 | 1710 | 1627 | 1400 | 1579 | 10.16 | cps |
| Molybdenum | 94-1 | 3390 | 2940 | 2367 | 2899 | 17.69 | cps |
| Molybdenum | 95-1 | 4304 | 3684 | 2924 | 3637 | 19.01 | cps |
| Molybdenum | 96-1 | 4511 | 4134 | 3520 | 4055 | 12.33 | cps |
| Molybdenum | 97-1 | 2567 | 2217 | 1997 | 2260 | 12.72 | cps |
| Molybdenum | 98-1 | 6678 | 5985 | 5031 | 5898 | 14.02 | cps |
| Neodymium | 150-1 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Neodymium | 150-2 | 10 | 10 | 3 | 8 | 49.52 | cps |
| Nickel | 60-2 | 497 | 337 | 403 | 412 | 19.50 | cps |
| Phosphorus | 31-2 | 203 | 193 | 217 | 204 | 5.72 | cps |
| Potassium | 39-2 | 50865 | 50875 | 49503 | 50414 | 1.56 | cps |
| Rhodium | 103-1 | 10625024 | 10603426 | 10556265 | 10594905 | 0.33 | cps |
| Rhodium | 103-2 | 6427874 | 6497668 | 6345956 | 6423833 | 1.18 | cps |
| Scandium | 45-1 | 6341489 | 6244904 | 6187699 | 6258031 | 1.24 | cps |
| Scandium | 45-2 | 527514 | 528811 | 528470 | 528265 | 0.13 | cps |
| Selenium | 82-1 | 135 | 129 | 166 | 144 | 13.84 | cps |
| Selenium | 77-2 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Selenium | 78-2 | 447 | 427 | 447 | 440 | 2.62 | cps |
| Silicon | 28-1 | 621638 | 619011 | 622265 | 620971 | 0.28 | cps |
| Silver | 107-1 | 1380 | 1270 | 1023 | 1225 | 14.92 | cps |
| Silver | 109-1 | 1393 | 1127 | 973 | 1165 | 18.25 | cps |
| Sodium | 23-2 | 38896 | 38140 | 36927 | 37988 | 2.61 | cps |
| Strontium | 86-1 | 603 | 543 | 497 | 548 | 9.76 | cps |
| Strontium | 88-1 | 2420 | 2337 | 2013 | 2257 | 9.52 | cps |
| Sulfur | 34-1 | 166550 | 164518 | 164748 | 165272 | 0.67 | cps |
| Terbium | 159-1 | 14755549 | 14447512 | 14363316 | 14522125 | 1.42 | cps |
| Terbium | 159-2 | 10070743 | 10181697 | 10154620 | 10135687 | 0.57 | cps |
| Thallium | 203-1 | 1127 | 1073 | 990 | 1063 | 6.48 | cps |
| Thallium | 205-1 | 2827 | 2610 | 2380 | 2606 | 8.57 | cps |
| Tin | 118-1 | 2274 | 2060 | 2040 | 2125 | 6.09 | cps |
| Titanium | 47-1 | 1043 | 913 | 707 | 888 | 19.12 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB042 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB042 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:23:36 | DataFile Name : | 038CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2000 | 2024 | 1627 | 1883 | 11.82 | cps |
| Vanadium | 51-2 | 140 | 167 | 127 | 144 | 14.10 | cps |
| Yttrium | 89-1 | 13554461 | 13431511 | 13220922 | 13402298 | 1.26 | cps |
| Yttrium | 89-2 | 3548130 | 3544283 | 3549728 | 3547380 | 0.08 | cps |
| Zinc | 66-2 | 500 | 513 | 537 | 517 | 3.59 | cps |
| Zirconium | 90-1 | 2030 | 2003 | 1793 | 1942 | 6.67 | cps |
| Zirconium | 91-1 | 427 | 457 | 353 | 412 | 12.90 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-08-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:27:13 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8281228 | 8262517 | 8205362 | 8249703 | 0.48 | cps |
| Antimony | 121-1 | 943 | 1047 | 993 | 994 | 5.20 | cps |
| Arsenic | 75-2 | 1350 | 1130 | 1213 | 1231 | 9.02 | cps |
| Barium | 135-1 | 119590 | 121119 | 122477 | 121062 | 1.19 | cps |
| Barium | 137-1 | 208840 | 210866 | 210271 | 209993 | 0.50 | cps |
| Beryllium | 9-1 | 657 | 663 | 603 | 641 | 5.13 | cps |
| Bismuth | 209-1 | 8089520 | 8146274 | 7966542 | 8067446 | 1.14 | cps |
| Bismuth | 209-2 | 6947399 | 7001573 | 6918117 | 6955696 | 0.61 | cps |
| Bromine | 81-1 | 13463 | 13390 | 14013 | 13622 | 2.50 | cps |
| Bromine | 81-2 | 470 | 507 | 480 | 486 | 3.90 | cps |
| Cadmium | 108-1 | 37 | 50 | 53 | 47 | 18.89 | cps |
| Cadmium | 106-1 | 3994 | 3630 | 3490 | 3705 | 7.01 | cps |
| Cadmium | 111-1 | 3117 | 2833 | 2733 | 2894 | 6.88 | cps |
| Calcium | 43-1 | 1869345 | 1865482 | 1844085 | 1859637 | 0.73 | cps |
| Calcium | 44-1 | 29732040 | 29612765 | 30080004 | 29808269 | 0.81 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 62629 | 63048 | 62984 | 62887 | 0.36 | cps |
| Cobalt | 59-2 | 453317 | 455871 | 460137 | 456441 | 0.75 | cps |
| Copper | 63-2 | 149683 | 150157 | 148097 | 149313 | 0.72 | cps |
| Dysprosium | 156-1 | 144956 | 146508 | 145101 | 145521 | 0.59 | cps |
| Dysprosium | 156-2 | 117201 | 116206 | 117597 | 117001 | 0.61 | cps |
| Erbium | 164-1 | 171769 | 174434 | 174015 | 173406 | 0.83 | cps |
| Erbium | 164-2 | 124552 | 124599 | 126032 | 125061 | 0.67 | cps |
| Gadolinium | 160-1 | 152489 | 152975 | 154120 | 153195 | 0.55 | cps |
| Gadolinium | 160-2 | 116395 | 115766 | 116106 | 116089 | 0.27 | cps |
| Holmium | 165-1 | 14016604 | 13948645 | 13987533 | 13984261 | 0.24 | cps |
| Holmium | 165-2 | 10117249 | 10127104 | 10009276 | 10084543 | 0.65 | cps |
| Indium | 115-1 | 11198954 | 11123076 | 11167651 | 11163227 | 0.34 | cps |
| Indium | 115-2 | 4103523 | 4032305 | 4088856 | 4074895 | 0.92 | cps |
| Iron | 56-2 | 760356682 | 763269375 | 766576389 | 763400815 | 0.41 | cps |
| Iron | 57-2 | 18700595 | 18777572 | 18834966 | 18771044 | 0.36 | cps |
| Iron | 54-2 | 41010838 | 41092319 | 41307154 | 41136770 | 0.37 | cps |
| Krypton | 83-1 | 460 | 457 | 520 | 479 | 7.44 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-08-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:27:13 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 13884 | 14041 | 14074 | 14000 | 0.73 | cps |
| Lead | 207-1 | 11692 | 11515 | 12045 | 11751 | 2.30 | cps |
| Lead | 208-1 | 54680 | 55549 | 56403 | 55544 | 1.55 | cps |
| Lithium | 6-1 | 1735550 | 1705776 | 1695769 | 1712365 | 1.21 | cps |
| Magnesium | 24-2 | 19039945 | 19034675 | 19044864 | 19039828 | 0.03 | cps |
| Manganese | 55-2 | 7260508 | 7263557 | 7370379 | 7298148 | 0.86 | cps |
| Molybdenum | 94-1 | 6251 | 6458 | 6135 | 6281 | 2.61 | cps |
| Molybdenum | 95-1 | 1017 | 1073 | 1120 | 1070 | 4.84 | cps |
| Molybdenum | 96-1 | 10340 | 10664 | 10170 | 10392 | 2.41 | cps |
| Molybdenum | 97-1 | 780 | 680 | 730 | 730 | 6.85 | cps |
| Molybdenum | 98-1 | 1493 | 1390 | 1580 | 1488 | 6.39 | cps |
| Neodymium | 150-1 | 171344 | 173608 | 174647 | 173200 | 0.98 | cps |
| Neodymium | 150-2 | 107298 | 107459 | 106642 | 107133 | 0.40 | cps |
| Nickel | 60-2 | 103343 | 104799 | 103944 | 104029 | 0.70 | cps |
| Phosphorus | 31-2 | 14917 | 15491 | 15081 | 15163 | 1.95 | cps |
| Potassium | 39-2 | 518133 | 522257 | 525709 | 522033 | 0.73 | cps |
| Rhodium | 103-1 | 10038003 | 10010879 | 9953822 | 10000901 | 0.43 | cps |
| Rhodium | 103-2 | 6145680 | 6039796 | 6108028 | 6097835 | 0.88 | cps |
| Scandium | 45-1 | 6159783 | 6084332 | 6044631 | 6096249 | 0.96 | cps |
| Scandium | 45-2 | 517119 | 516992 | 517768 | 517293 | 0.08 | cps |
| Selenium | 82-1 | 312 | 314 | 323 | 316 | 1.96 | cps |
| Selenium | 77-2 | 270 | 283 | 343 | 299 | 13.07 | cps |
| Selenium | 78-2 | 673 | 650 | 630 | 651 | 3.33 | cps |
| Silicon | 28-1 | 133504265 | 133962051 | 134608878 | 134025065 | 0.41 | cps |
| Silver | 107-1 | 693 | 613 | 650 | 652 | 6.14 | cps |
| Silver | 109-1 | 540 | 563 | 520 | 541 | 4.01 | cps |
| Sodium | 23-2 | 14986676 | 15060693 | 15028129 | 15025166 | 0.25 | cps |
| Strontium | 86-1 | 640079 | 642438 | 646034 | 642851 | 0.47 | cps |
| Strontium | 88-1 | 5774743 | 5861437 | 5742686 | 5792955 | 1.06 | cps |
| Sulfur | 34-1 | 10107969 | 10019956 | 10153634 | 10093853 | 0.67 | cps |
| Terbium | 159-1 | 14255423 | 14155811 | 14066921 | 14159385 | 0.67 | cps |
| Terbium | 159-2 | 10055665 | 9816991 | 9965686 | 9946114 | 1.21 | cps |
| Thallium | 203-1 | 807 | 773 | 710 | 763 | 6.43 | cps |
| Thallium | 205-1 | 1877 | 1920 | 1733 | 1843 | 5.30 | cps |
| Tin | 118-1 | 3347 | 3337 | 3447 | 3377 | 1.80 | cps |
| Titanium | 47-1 | 9550 | 9240 | 9483 | 9424 | 1.73 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-08-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:27:13 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 85915 | 87032 | 84694 | 85880 | 1.36 | cps |
| Vanadium | 51-2 | 1075085 | 1082104 | 1069006 | 1075398 | 0.61 | cps |
| Yttrium | 89-1 | 15922913 | 15874366 | 15839072 | 15878784 | 0.27 | cps |
| Yttrium | 89-2 | 4196037 | 4175757 | 4181284 | 4184359 | 0.25 | cps |
| Zinc | 66-2 | 270923 | 268609 | 270318 | 269950 | 0.44 | cps |
| Zirconium | 90-1 | 13920 | 14564 | 14444 | 14309 | 2.39 | cps |
| Zirconium | 91-1 | 3237 | 3521 | 3264 | 3341 | 4.69 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-06DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-09-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:30:23 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4422759 | 4350815 | 4376757 | 4383444 | 0.83 | cps |
| Antimony | 121-1 | 650 | 673 | 543 | 622 | 11.14 | cps |
| Arsenic | 75-2 | 1497 | 1323 | 1387 | 1402 | 6.26 | cps |
| Barium | 135-1 | 130700 | 131127 | 130121 | 130649 | 0.39 | cps |
| Barium | 137-1 | 228724 | 229874 | 230066 | 229555 | 0.32 | cps |
| Beryllium | 9-1 | 747 | 743 | 743 | 744 | 0.26 | cps |
| Bismuth | 209-1 | 8013078 | 8031080 | 8079114 | 8041091 | 0.42 | cps |
| Bismuth | 209-2 | 6885109 | 6897367 | 6870499 | 6884325 | 0.20 | cps |
| Bromine | 81-1 | 13603 | 13423 | 13780 | 13602 | 1.31 | cps |
| Bromine | 81-2 | 587 | 550 | 533 | 557 | 4.90 | cps |
| Cadmium | 108-1 | 50 | 70 | 43 | 54 | 25.49 | cps |
| Cadmium | 106-1 | 3884 | 3911 | 4051 | 3948 | 2.27 | cps |
| Cadmium | 111-1 | 2990 | 2922 | 3038 | 2984 | 1.97 | cps |
| Calcium | 43-1 | 3289860 | 3243838 | 3295749 | 3276482 | 0.87 | cps |
| Calcium | 44-1 | 52002096 | 51609311 | 52521429 | 52044279 | 0.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 21339 | 21378 | 21172 | 21296 | 0.52 | cps |
| Cobalt | 59-2 | 422518 | 422315 | 420678 | 421837 | 0.24 | cps |
| Copper | 63-2 | 20064 | 20077 | 20497 | 20213 | 1.22 | cps |
| Dysprosium | 156-1 | 165007 | 166008 | 166227 | 165747 | 0.39 | cps |
| Dysprosium | 156-2 | 131912 | 132497 | 134395 | 132935 | 0.98 | cps |
| Erbium | 164-1 | 219981 | 221346 | 221684 | 221004 | 0.41 | cps |
| Erbium | 164-2 | 161036 | 160093 | 161707 | 160946 | 0.50 | cps |
| Gadolinium | 160-1 | 176952 | 179639 | 181682 | 179424 | 1.32 | cps |
| Gadolinium | 160-2 | 135979 | 134828 | 135454 | 135420 | 0.43 | cps |
| Holmium | 165-1 | 13954974 | 13875100 | 13889092 | 13906388 | 0.31 | cps |
| Holmium | 165-2 | 10008589 | 10151333 | 10188640 | 10116187 | 0.94 | cps |
| Indium | 115-1 | 11206512 | 11098013 | 11131694 | 11145406 | 0.50 | cps |
| Indium | 115-2 | 4049750 | 4064747 | 3991089 | 4035195 | 0.96 | cps |
| Iron | 56-2 | 962927532 | 956320546 | 961669479 | 960305852 | 0.37 | cps |
| Iron | 57-2 | 23656773 | 23531755 | 23666463 | 23618330 | 0.32 | cps |
| Iron | 54-2 | 51612371 | 51480121 | 51982286 | 51691593 | 0.50 | cps |
| Krypton | 83-1 | 633 | 627 | 620 | 627 | 1.06 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-06DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-09-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:30:23 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4634 | 4557 | 4618 | 4603 | 0.88 | cps |
| Lead | 207-1 | 3734 | 3691 | 3847 | 3757 | 2.15 | cps |
| Lead | 208-1 | 17675 | 17608 | 17775 | 17686 | 0.47 | cps |
| Lithium | 6-1 | 1689962 | 1685344 | 1648220 | 1674509 | 1.37 | cps |
| Magnesium | 24-2 | 15156280 | 14980031 | 15132128 | 15089480 | 0.63 | cps |
| Manganese | 55-2 | 13794154 | 13697795 | 13865271 | 13785740 | 0.61 | cps |
| Molybdenum | 94-1 | 5765 | 5418 | 5691 | 5624 | 3.25 | cps |
| Molybdenum | 95-1 | 1360 | 1293 | 1293 | 1316 | 2.93 | cps |
| Molybdenum | 96-1 | 12812 | 12682 | 12375 | 12623 | 1.78 | cps |
| Molybdenum | 97-1 | 973 | 777 | 813 | 854 | 12.24 | cps |
| Molybdenum | 98-1 | 1700 | 1713 | 1493 | 1636 | 7.54 | cps |
| Neodymium | 150-1 | 180746 | 185016 | 183473 | 183078 | 1.18 | cps |
| Neodymium | 150-2 | 113287 | 112158 | 113270 | 112905 | 0.57 | cps |
| Nickel | 60-2 | 34486 | 34496 | 34720 | 34568 | 0.38 | cps |
| Phosphorus | 31-2 | 1963 | 2060 | 2084 | 2036 | 3.13 | cps |
| Potassium | 39-2 | 401781 | 402622 | 402834 | 402413 | 0.14 | cps |
| Rhodium | 103-1 | 9794917 | 9795707 | 9992597 | 9861074 | 1.16 | cps |
| Rhodium | 103-2 | 6078535 | 6116731 | 6040287 | 6078518 | 0.63 | cps |
| Scandium | 45-1 | 6093778 | 6005405 | 6067768 | 6055650 | 0.75 | cps |
| Scandium | 45-2 | 509360 | 510187 | 514825 | 511457 | 0.58 | cps |
| Selenium | 82-1 | 369 | 271 | 316 | 319 | 15.44 | cps |
| Selenium | 77-2 | 343 | 343 | 397 | 361 | 8.53 | cps |
| Selenium | 78-2 | 707 | 763 | 703 | 724 | 4.65 | cps |
| Silicon | 28-1 | 129113781 | 130304171 | 130117558 | 129845170 | 0.49 | cps |
| Silver | 107-1 | 430 | 460 | 437 | 442 | 3.56 | cps |
| Silver | 109-1 | 447 | 437 | 490 | 458 | 6.19 | cps |
| Sodium | 23-2 | 6594157 | 6618675 | 6626416 | 6613082 | 0.25 | cps |
| Strontium | 86-1 | 1044302 | 1056947 | 1047135 | 1049461 | 0.63 | cps |
| Strontium | 88-1 | 9415858 | 9442815 | 9507332 | 9455335 | 0.50 | cps |
| Sulfur | 34-1 | 10314135 | 10202832 | 10400120 | 10305696 | 0.96 | cps |
| Terbium | 159-1 | 14349796 | 14264793 | 14295343 | 14303311 | 0.30 | cps |
| Terbium | 159-2 | 10043235 | 9951735 | 9937427 | 9977465 | 0.58 | cps |
| Thallium | 203-1 | 700 | 613 | 627 | 647 | 7.22 | cps |
| Thallium | 205-1 | 1593 | 1653 | 1587 | 1611 | 2.28 | cps |
| Tin | 118-1 | 3154 | 3410 | 3107 | 3224 | 5.07 | cps |
| Titanium | 47-1 | 3961 | 4024 | 4164 | 4049 | 2.57 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-06DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-09-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:30:23 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 160778 | 163803 | 162970 | 162517 | 0.96 | cps |
| Vanadium | 51-2 | 1215832 | 1216796 | 1221549 | 1218059 | 0.25 | cps |
| Yttrium | 89-1 | 16786088 | 16693329 | 16726259 | 16735225 | 0.28 | cps |
| Yttrium | 89-2 | 4460439 | 4484289 | 4439100 | 4461276 | 0.51 | cps |
| Zinc | 66-2 | 209944 | 209881 | 210482 | 210102 | 0.16 | cps |
| Zirconium | 90-1 | 11748 | 11811 | 11471 | 11677 | 1.55 | cps |
| Zirconium | 91-1 | 2510 | 2594 | 2480 | 2528 | 2.32 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:33:31 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6031058 | 6079089 | 6167442 | 6092530 | 1.14 | cps |
| Antimony | 121-1 | 493 | 467 | 470 | 477 | 3.05 | cps |
| Arsenic | 75-2 | 907 | 977 | 937 | 940 | 3.74 | cps |
| Barium | 135-1 | 118437 | 120988 | 121140 | 120188 | 1.26 | cps |
| Barium | 137-1 | 205729 | 209276 | 209182 | 208063 | 0.97 | cps |
| Beryllium | 9-1 | 1020 | 993 | 1147 | 1053 | 7.78 | cps |
| Bismuth | 209-1 | 8292812 | 8092954 | 8004378 | 8130048 | 1.82 | cps |
| Bismuth | 209-2 | 7045132 | 6916743 | 7334877 | 7098918 | 3.02 | cps |
| Bromine | 81-1 | 14187 | 14564 | 14247 | 14333 | 1.41 | cps |
| Bromine | 81-2 | 610 | 537 | 540 | 562 | 7.37 | cps |
| Cadmium | 108-1 | 60 | 83 | 43 | 62 | 32.29 | cps |
| Cadmium | 106-1 | 3981 | 3991 | 3944 | 3972 | 0.62 | cps |
| Cadmium | 111-1 | 2961 | 2908 | 2954 | 2941 | 0.97 | cps |
| Calcium | 43-1 | 2500682 | 2587606 | 2544542 | 2544277 | 1.71 | cps |
| Calcium | 44-1 | 40003090 | 40546934 | 40647516 | 40399180 | 0.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 28838 | 29308 | 28861 | 29002 | 0.92 | cps |
| Cobalt | 59-2 | 524793 | 528557 | 526682 | 526677 | 0.36 | cps |
| Copper | 63-2 | 76028 | 76668 | 76253 | 76316 | 0.43 | cps |
| Dysprosium | 156-1 | 153950 | 158587 | 160259 | 157599 | 2.07 | cps |
| Dysprosium | 156-2 | 127856 | 127122 | 128312 | 127763 | 0.47 | cps |
| Erbium | 164-1 | 207386 | 210478 | 210924 | 209596 | 0.92 | cps |
| Erbium | 164-2 | 152816 | 151728 | 152630 | 152391 | 0.38 | cps |
| Gadolinium | 160-1 | 166979 | 168965 | 170135 | 168693 | 0.95 | cps |
| Gadolinium | 160-2 | 129492 | 128661 | 129677 | 129277 | 0.42 | cps |
| Holmium | 165-1 | 14343020 | 14111843 | 14143182 | 14199349 | 0.88 | cps |
| Holmium | 165-2 | 10242245 | 10129830 | 10682714 | 10351596 | 2.82 | cps |
| Indium | 115-1 | 11497290 | 11476020 | 11419584 | 11464298 | 0.35 | cps |
| Indium | 115-2 | 4088848 | 4145906 | 4241135 | 4158630 | 1.85 | cps |
| Iron | 56-2 | 938154466 | 933999639 | 932514279 | 934889462 | 0.31 | cps |
| Iron | 57-2 | 22754215 | 22776848 | 22700315 | 22743792 | 0.17 | cps |
| Iron | 54-2 | 50201798 | 50104176 | 50211466 | 50172480 | 0.12 | cps |
| Krypton | 83-1 | 580 | 600 | 590 | 590 | 1.69 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:33:31 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5748 | 5805 | 5751 | 5768 | 0.55 | cps |
| Lead | 207-1 | 4678 | 4931 | 4728 | 4779 | 2.81 | cps |
| Lead | 208-1 | 22411 | 22384 | 22611 | 22469 | 0.55 | cps |
| Lithium | 6-1 | 1685344 | 1687830 | 1680587 | 1684587 | 0.22 | cps |
| Magnesium | 24-2 | 14360874 | 14421241 | 14281949 | 14354688 | 0.49 | cps |
| Manganese | 55-2 | 12224771 | 12287082 | 12244922 | 12252259 | 0.26 | cps |
| Molybdenum | 94-1 | 9336 | 9413 | 9493 | 9414 | 0.83 | cps |
| Molybdenum | 95-1 | 913 | 1007 | 910 | 943 | 5.82 | cps |
| Molybdenum | 96-1 | 12796 | 13013 | 12879 | 12896 | 0.85 | cps |
| Molybdenum | 97-1 | 593 | 587 | 583 | 588 | 0.87 | cps |
| Molybdenum | 98-1 | 1003 | 1003 | 1117 | 1041 | 6.28 | cps |
| Neodymium | 150-1 | 174162 | 177040 | 176384 | 175862 | 0.86 | cps |
| Neodymium | 150-2 | 109410 | 107529 | 110414 | 109118 | 1.34 | cps |
| Nickel | 60-2 | 32742 | 32629 | 32442 | 32604 | 0.47 | cps |
| Phosphorus | 31-2 | 6281 | 6638 | 6775 | 6565 | 3.88 | cps |
| Potassium | 39-2 | 458134 | 452377 | 455312 | 455274 | 0.63 | cps |
| Rhodium | 103-1 | 10410308 | 10313635 | 10217664 | 10313869 | 0.93 | cps |
| Rhodium | 103-2 | 6217106 | 6230528 | 6411066 | 6286233 | 1.72 | cps |
| Scandium | 45-1 | 6374786 | 6273956 | 6227948 | 6292230 | 1.19 | cps |
| Scandium | 45-2 | 533540 | 540864 | 552218 | 542207 | 1.74 | cps |
| Selenium | 82-1 | 394 | 409 | 311 | 371 | 14.15 | cps |
| Selenium | 77-2 | 353 | 383 | 343 | 360 | 5.78 | cps |
| Selenium | 78-2 | 630 | 700 | 683 | 671 | 5.45 | cps |
| Silicon | 28-1 | 158861818 | 164739761 | 163550004 | 162383861 | 1.91 | cps |
| Silver | 107-1 | 543 | 503 | 463 | 503 | 7.95 | cps |
| Silver | 109-1 | 377 | 423 | 390 | 397 | 6.06 | cps |
| Sodium | 23-2 | 7739870 | 7758319 | 7687184 | 7728458 | 0.48 | cps |
| Strontium | 86-1 | 797086 | 809869 | 812105 | 806353 | 1.00 | cps |
| Strontium | 88-1 | 7171514 | 7313279 | 7273338 | 7252710 | 1.01 | cps |
| Sulfur | 34-1 | 9812299 | 9809734 | 9910171 | 9844068 | 0.58 | cps |
| Terbium | 159-1 | 14807354 | 14657081 | 14519972 | 14661469 | 0.98 | cps |
| Terbium | 159-2 | 10151560 | 10150733 | 10246195 | 10182830 | 0.54 | cps |
| Thallium | 203-1 | 693 | 593 | 543 | 610 | 12.52 | cps |
| Thallium | 205-1 | 1517 | 1477 | 1533 | 1509 | 1.93 | cps |
| Tin | 118-1 | 3761 | 3827 | 3881 | 3823 | 1.57 | cps |
| Titanium | 47-1 | 6308 | 6335 | 6285 | 6309 | 0.40 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:33:31 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 87481 | 89826 | 89766 | 89025 | 1.50 | cps |
| Vanadium | 51-2 | 960570 | 954806 | 955520 | 956965 | 0.33 | cps |
| Yttrium | 89-1 | 17182650 | 16974441 | 17205897 | 17120996 | 0.74 | cps |
| Yttrium | 89-2 | 4535200 | 4545568 | 4552790 | 4544519 | 0.19 | cps |
| Zinc | 66-2 | 232797 | 232546 | 231470 | 232271 | 0.30 | cps |
| Zirconium | 90-1 | 22991 | 23749 | 23679 | 23473 | 1.78 | cps |
| Zirconium | 91-1 | 5331 | 5218 | 5451 | 5333 | 2.19 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:36:42 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5539734 | 5409451 | 5413495 | 5454227 | 1.36 | cps |
| Antimony | 121-1 | 423 | 463 | 480 | 456 | 6.39 | cps |
| Arsenic | 75-2 | 953 | 1067 | 897 | 972 | 8.90 | cps |
| Barium | 135-1 | 121016 | 120988 | 119009 | 120337 | 0.96 | cps |
| Barium | 137-1 | 209479 | 208896 | 208071 | 208816 | 0.34 | cps |
| Beryllium | 9-1 | 1027 | 1047 | 963 | 1012 | 4.30 | cps |
| Bismuth | 209-1 | 8249710 | 8159532 | 8003109 | 8137450 | 1.53 | cps |
| Bismuth | 209-2 | 6926337 | 7099452 | 6969959 | 6998583 | 1.29 | cps |
| Bromine | 81-1 | 14517 | 14654 | 13913 | 14362 | 2.74 | cps |
| Bromine | 81-2 | 553 | 570 | 443 | 522 | 13.18 | cps |
| Cadmium | 108-1 | 67 | 53 | 27 | 49 | 41.66 | cps |
| Cadmium | 106-1 | 4277 | 3961 | 3604 | 3947 | 8.54 | cps |
| Cadmium | 111-1 | 3231 | 3035 | 2724 | 2997 | 8.53 | cps |
| Calcium | 43-1 | 2999343 | 3013378 | 3007462 | 3006728 | 0.23 | cps |
| Calcium | 44-1 | 48337849 | 48166596 | 47604038 | 48036161 | 0.80 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 24413 | 23942 | 24043 | 24133 | 1.03 | cps |
| Cobalt | 59-2 | 473711 | 475625 | 474385 | 474574 | 0.20 | cps |
| Copper | 63-2 | 57038 | 56576 | 56208 | 56608 | 0.73 | cps |
| Dysprosium | 156-1 | 154256 | 157316 | 154826 | 155466 | 1.05 | cps |
| Dysprosium | 156-2 | 123581 | 123810 | 124035 | 123808 | 0.18 | cps |
| Erbium | 164-1 | 207788 | 207860 | 206743 | 207464 | 0.30 | cps |
| Erbium | 164-2 | 148695 | 149972 | 148237 | 148968 | 0.60 | cps |
| Gadolinium | 160-1 | 166769 | 166732 | 165090 | 166197 | 0.58 | cps |
| Gadolinium | 160-2 | 125012 | 125284 | 125146 | 125147 | 0.11 | cps |
| Holmium | 165-1 | 14318905 | 14291073 | 14027222 | 14212400 | 1.13 | cps |
| Holmium | 165-2 | 10380185 | 10266055 | 10166717 | 10270985 | 1.04 | cps |
| Indium | 115-1 | 11486217 | 11386183 | 11317389 | 11396597 | 0.74 | cps |
| Indium | 115-2 | 4167493 | 4199353 | 4185382 | 4184076 | 0.38 | cps |
| Iron | 56-2 | 891430840 | 886276280 | 884277267 | 887328129 | 0.42 | cps |
| Iron | 57-2 | 22040723 | 21810714 | 21821401 | 21890946 | 0.59 | cps |
| Iron | 54-2 | 47525776 | 47918684 | 47707674 | 47717378 | 0.41 | cps |
| Krypton | 83-1 | 603 | 630 | 540 | 591 | 7.82 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:36:42 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4327 | 4507 | 4461 | 4432 | 2.11 | cps |
| Lead | 207-1 | 3867 | 3741 | 3881 | 3829 | 2.02 | cps |
| Lead | 208-1 | 17354 | 17571 | 17511 | 17479 | 0.64 | cps |
| Lithium | 6-1 | 1685226 | 1696765 | 1668802 | 1683598 | 0.83 | cps |
| Magnesium | 24-2 | 14212889 | 14134148 | 14211211 | 14186083 | 0.32 | cps |
| Manganese | 55-2 | 13550624 | 13693802 | 13530117 | 13591515 | 0.66 | cps |
| Molybdenum | 94-1 | 7655 | 7729 | 7779 | 7721 | 0.80 | cps |
| Molybdenum | 95-1 | 937 | 807 | 873 | 872 | 7.45 | cps |
| Molybdenum | 96-1 | 11925 | 12095 | 12035 | 12018 | 0.72 | cps |
| Molybdenum | 97-1 | 507 | 553 | 550 | 537 | 4.85 | cps |
| Molybdenum | 98-1 | 787 | 760 | 777 | 774 | 1.74 | cps |
| Neodymium | 150-1 | 171003 | 171218 | 170688 | 170970 | 0.16 | cps |
| Neodymium | 150-2 | 105319 | 105736 | 104957 | 105337 | 0.37 | cps |
| Nickel | 60-2 | 30461 | 30451 | 29369 | 30094 | 2.09 | cps |
| Phosphorus | 31-2 | 5078 | 5024 | 4958 | 5020 | 1.20 | cps |
| Potassium | 39-2 | 436496 | 433115 | 435784 | 435132 | 0.41 | cps |
| Rhodium | 103-1 | 10265106 | 10213418 | 10087147 | 10188557 | 0.90 | cps |
| Rhodium | 103-2 | 6332552 | 6196929 | 6089553 | 6206345 | 1.96 | cps |
| Scandium | 45-1 | 6289231 | 6275777 | 6115457 | 6226822 | 1.55 | cps |
| Scandium | 45-2 | 526274 | 524106 | 525006 | 525129 | 0.21 | cps |
| Selenium | 82-1 | 358 | 329 | 369 | 352 | 5.80 | cps |
| Selenium | 77-2 | 320 | 363 | 343 | 342 | 6.34 | cps |
| Selenium | 78-2 | 683 | 730 | 713 | 709 | 3.34 | cps |
| Silicon | 28-1 | 143894915 | 143951601 | 142632758 | 143493091 | 0.52 | cps |
| Silver | 107-1 | 520 | 420 | 467 | 469 | 10.67 | cps |
| Silver | 109-1 | 357 | 417 | 330 | 368 | 12.07 | cps |
| Sodium | 23-2 | 6726172 | 6622423 | 6663400 | 6670665 | 0.78 | cps |
| Strontium | 86-1 | 894458 | 892460 | 889348 | 892088 | 0.29 | cps |
| Strontium | 88-1 | 8043780 | 8062350 | 7955644 | 8020591 | 0.71 | cps |
| Sulfur | 34-1 | 10085848 | 10132145 | 9933460 | 10050484 | 1.03 | cps |
| Terbium | 159-1 | 14681154 | 14609595 | 14444264 | 14578338 | 0.83 | cps |
| Terbium | 159-2 | 10139542 | 10094271 | 10186973 | 10140262 | 0.46 | cps |
| Thallium | 203-1 | 553 | 600 | 523 | 559 | 6.91 | cps |
| Thallium | 205-1 | 1327 | 1263 | 1253 | 1281 | 3.10 | cps |
| Tin | 118-1 | 3254 | 3434 | 3244 | 3310 | 3.23 | cps |
| Titanium | 47-1 | 5378 | 5224 | 5228 | 5277 | 1.66 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:36:42 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 95463 | 95486 | 95220 | 95389 | 0.15 | cps |
| Vanadium | 51-2 | 933600 | 930640 | 929672 | 931304 | 0.22 | cps |
| Yttrium | 89-1 | 17194795 | 17110497 | 16859969 | 17055087 | 1.02 | cps |
| Yttrium | 89-2 | 4507617 | 4413310 | 4422292 | 4447740 | 1.17 | cps |
| Zinc | 66-2 | 214366 | 214468 | 212871 | 213902 | 0.42 | cps |
| Zirconium | 90-1 | 18785 | 18392 | 18412 | 18530 | 1.20 | cps |
| Zirconium | 91-1 | 4127 | 4021 | 4191 | 4113 | 2.09 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-12DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-12-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:39:49 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9481138 | 9554130 | 9567326 | 9534198 | 0.49 | cps |
| Antimony | 121-1 | 310 | 333 | 337 | 327 | 4.45 | cps |
| Arsenic | 75-2 | 1150 | 1303 | 1147 | 1200 | 7.46 | cps |
| Barium | 135-1 | 105594 | 107965 | 106417 | 106659 | 1.13 | cps |
| Barium | 137-1 | 184595 | 186627 | 185320 | 185514 | 0.56 | cps |
| Beryllium | 9-1 | 293 | 287 | 340 | 307 | 9.48 | cps |
| Bismuth | 209-1 | 8150146 | 8093537 | 8135015 | 8126233 | 0.36 | cps |
| Bismuth | 209-2 | 6932748 | 7105425 | 6914933 | 6984368 | 1.51 | cps |
| Bromine | 81-1 | 14761 | 14350 | 14100 | 14404 | 2.32 | cps |
| Bromine | 81-2 | 440 | 443 | 480 | 454 | 4.88 | cps |
| Cadmium | 108-1 | 33 | 53 | 70 | 52 | 35.16 | cps |
| Cadmium | 106-1 | 3844 | 3957 | 3627 | 3809 | 4.40 | cps |
| Cadmium | 111-1 | 2984 | 3029 | 2747 | 2920 | 5.20 | cps |
| Calcium | 43-1 | 1587342 | 1598926 | 1568906 | 1585058 | 0.96 | cps |
| Calcium | 44-1 | 25012899 | 25487405 | 25440468 | 25313591 | 1.03 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 82139 | 81452 | 81857 | 81816 | 0.42 | cps |
| Cobalt | 59-2 | 438289 | 440792 | 439096 | 439392 | 0.29 | cps |
| Copper | 63-2 | 179412 | 180160 | 179282 | 179618 | 0.26 | cps |
| Dysprosium | 156-1 | 142023 | 142023 | 142305 | 142117 | 0.11 | cps |
| Dysprosium | 156-2 | 114542 | 113917 | 115634 | 114698 | 0.76 | cps |
| Erbium | 164-1 | 157534 | 160207 | 160351 | 159364 | 1.00 | cps |
| Erbium | 164-2 | 114464 | 114246 | 115966 | 114892 | 0.82 | cps |
| Gadolinium | 160-1 | 145126 | 147426 | 148063 | 146871 | 1.05 | cps |
| Gadolinium | 160-2 | 112702 | 112325 | 112027 | 112351 | 0.30 | cps |
| Holmium | 165-1 | 14597988 | 14166001 | 14190345 | 14318111 | 1.69 | cps |
| Holmium | 165-2 | 10354983 | 10334205 | 10331993 | 10340394 | 0.12 | cps |
| Indium | 115-1 | 11595345 | 11581135 | 11633117 | 11603199 | 0.23 | cps |
| Indium | 115-2 | 4169504 | 4183003 | 4143440 | 4165316 | 0.48 | cps |
| Iron | 56-2 | 702508870 | 699652363 | 701053776 | 701071670 | 0.20 | cps |
| Iron | 57-2 | 17271788 | 17041732 | 17286064 | 17199861 | 0.80 | cps |
| Iron | 54-2 | 37659449 | 37607979 | 37717444 | 37661624 | 0.15 | cps |
| Krypton | 83-1 | 400 | 447 | 487 | 444 | 9.76 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-12DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-12-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:39:49 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 13503 | 13477 | 13453 | 13478 | 0.19 | cps |
| Lead | 207-1 | 11392 | 11115 | 11338 | 11281 | 1.30 | cps |
| Lead | 208-1 | 52817 | 52697 | 53258 | 52924 | 0.56 | cps |
| Lithium | 6-1 | 1705315 | 1650192 | 1670098 | 1675202 | 1.67 | cps |
| Magnesium | 24-2 | 20951034 | 21030010 | 20864107 | 20948384 | 0.40 | cps |
| Manganese | 55-2 | 4869420 | 4836686 | 4859143 | 4855083 | 0.34 | cps |
| Molybdenum | 94-1 | 5184 | 5231 | 5554 | 5323 | 3.79 | cps |
| Molybdenum | 95-1 | 710 | 673 | 837 | 740 | 11.58 | cps |
| Molybdenum | 96-1 | 9467 | 9827 | 9687 | 9660 | 1.88 | cps |
| Molybdenum | 97-1 | 623 | 597 | 543 | 588 | 6.93 | cps |
| Molybdenum | 98-1 | 1027 | 1010 | 1040 | 1026 | 1.47 | cps |
| Neodymium | 150-1 | 173695 | 177765 | 178723 | 176728 | 1.51 | cps |
| Neodymium | 150-2 | 108486 | 107737 | 106988 | 107737 | 0.70 | cps |
| Nickel | 60-2 | 143424 | 142600 | 144124 | 143383 | 0.53 | cps |
| Phosphorus | 31-2 | 15284 | 15628 | 15661 | 15525 | 1.34 | cps |
| Potassium | 39-2 | 564051 | 566234 | 560478 | 563587 | 0.52 | cps |
| Rhodium | 103-1 | 10600812 | 10465523 | 10327004 | 10464446 | 1.31 | cps |
| Rhodium | 103-2 | 6218281 | 6303796 | 6247266 | 6256448 | 0.70 | cps |
| Scandium | 45-1 | 6530272 | 6395990 | 6403039 | 6443100 | 1.17 | cps |
| Scandium | 45-2 | 541884 | 543341 | 542319 | 542515 | 0.14 | cps |
| Selenium | 82-1 | 444 | 331 | 315 | 363 | 19.46 | cps |
| Selenium | 77-2 | 320 | 337 | 277 | 311 | 9.96 | cps |
| Selenium | 78-2 | 720 | 740 | 670 | 710 | 5.08 | cps |
| Silicon | 28-1 | 126675268 | 127743595 | 129658821 | 128025895 | 1.18 | cps |
| Silver | 107-1 | 733 | 780 | 653 | 722 | 8.87 | cps |
| Silver | 109-1 | 517 | 710 | 640 | 622 | 15.73 | cps |
| Sodium | 23-2 | 17057590 | 17064341 | 17068530 | 17063487 | 0.03 | cps |
| Strontium | 86-1 | 582671 | 595096 | 598085 | 591951 | 1.38 | cps |
| Strontium | 88-1 | 5321181 | 5298233 | 5275637 | 5298350 | 0.43 | cps |
| Sulfur | 34-1 | 10260062 | 10362836 | 10476623 | 10366507 | 1.04 | cps |
| Terbium | 159-1 | 14757276 | 14797384 | 14558184 | 14704281 | 0.87 | cps |
| Terbium | 159-2 | 10151390 | 10192287 | 10098552 | 10147410 | 0.46 | cps |
| Thallium | 203-1 | 580 | 610 | 590 | 593 | 2.57 | cps |
| Thallium | 205-1 | 1307 | 1477 | 1347 | 1377 | 6.46 | cps |
| Tin | 118-1 | 2770 | 2787 | 2847 | 2801 | 1.44 | cps |
| Titanium | 47-1 | 6642 | 6448 | 6872 | 6654 | 3.19 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-12DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-12-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:39:49 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 81987 | 83067 | 84724 | 83259 | 1.66 | cps |
| Vanadium | 51-2 | 1234630 | 1231627 | 1225937 | 1230731 | 0.36 | cps |
| Yttrium | 89-1 | 16535591 | 16147359 | 16203373 | 16295441 | 1.29 | cps |
| Yttrium | 89-2 | 4297207 | 4268385 | 4238520 | 4268037 | 0.69 | cps |
| Zinc | 66-2 | 283300 | 284777 | 285790 | 284623 | 0.44 | cps |
| Zirconium | 90-1 | 12182 | 12382 | 12642 | 12402 | 1.86 | cps |
| Zirconium | 91-1 | 2637 | 2977 | 2730 | 2781 | 6.32 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-14DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-13-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:43:00 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7092431 | 7128982 | 7197195 | 7139536 | 0.74 | cps |
| Antimony | 121-1 | 333 | 370 | 337 | 347 | 5.85 | cps |
| Arsenic | 75-2 | 1353 | 1310 | 1457 | 1373 | 5.49 | cps |
| Barium | 135-1 | 114714 | 116055 | 114972 | 115247 | 0.62 | cps |
| Barium | 137-1 | 198306 | 201754 | 198661 | 199574 | 0.95 | cps |
| Beryllium | 9-1 | 357 | 427 | 393 | 392 | 8.93 | cps |
| Bismuth | 209-1 | 8140843 | 8147523 | 8118719 | 8135695 | 0.19 | cps |
| Bismuth | 209-2 | 7029336 | 7059826 | 7002218 | 7030460 | 0.41 | cps |
| Bromine | 81-1 | 14958 | 14687 | 14841 | 14829 | 0.91 | cps |
| Bromine | 81-2 | 453 | 473 | 430 | 452 | 4.80 | cps |
| Cadmium | 108-1 | 47 | 27 | 63 | 46 | 40.29 | cps |
| Cadmium | 106-1 | 3814 | 4001 | 3734 | 3849 | 3.56 | cps |
| Cadmium | 111-1 | 2914 | 3018 | 2833 | 2922 | 3.19 | cps |
| Calcium | 43-1 | 1917623 | 1963212 | 2010463 | 1963766 | 2.36 | cps |
| Calcium | 44-1 | 31257580 | 31006695 | 30882935 | 31049070 | 0.61 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 74432 | 73793 | 74051 | 74092 | 0.43 | cps |
| Cobalt | 59-2 | 462430 | 463549 | 458210 | 461396 | 0.61 | cps |
| Copper | 63-2 | 158240 | 158371 | 159300 | 158637 | 0.36 | cps |
| Dysprosium | 156-1 | 147344 | 149334 | 147905 | 148194 | 0.69 | cps |
| Dysprosium | 156-2 | 119251 | 121335 | 120193 | 120259 | 0.87 | cps |
| Erbium | 164-1 | 169346 | 171755 | 169832 | 170311 | 0.75 | cps |
| Erbium | 164-2 | 123695 | 123389 | 122961 | 123348 | 0.30 | cps |
| Gadolinium | 160-1 | 153945 | 156283 | 158300 | 156176 | 1.40 | cps |
| Gadolinium | 160-2 | 116503 | 118106 | 116661 | 117090 | 0.75 | cps |
| Holmium | 165-1 | 14247038 | 14171014 | 14295591 | 14237881 | 0.44 | cps |
| Holmium | 165-2 | 10268875 | 10448068 | 10195845 | 10304263 | 1.26 | cps |
| Indium | 115-1 | 11682916 | 11674760 | 11555636 | 11637771 | 0.61 | cps |
| Indium | 115-2 | 4229235 | 4152671 | 4190191 | 4190699 | 0.91 | cps |
| Iron | 56-2 | 788374095 | 798889215 | 797387188 | 794883499 | 0.72 | cps |
| Iron | 57-2 | 19549991 | 19455779 | 19506197 | 19503989 | 0.24 | cps |
| Iron | 54-2 | 43048029 | 43144296 | 43077464 | 43089930 | 0.11 | cps |
| Krypton | 83-1 | 510 | 520 | 530 | 520 | 1.92 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-14DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-13-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:43:00 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10214 | 10024 | 10017 | 10085 | 1.11 | cps |
| Lead | 207-1 | 8463 | 8563 | 8493 | 8506 | 0.60 | cps |
| Lead | 208-1 | 39990 | 39369 | 40211 | 39857 | 1.09 | cps |
| Lithium | 6-1 | 1658902 | 1635546 | 1679955 | 1658134 | 1.34 | cps |
| Magnesium | 24-2 | 20230478 | 20442890 | 20515371 | 20396247 | 0.73 | cps |
| Manganese | 55-2 | 6646923 | 6629511 | 6661502 | 6645979 | 0.24 | cps |
| Molybdenum | 94-1 | 5895 | 6028 | 6228 | 6050 | 2.77 | cps |
| Molybdenum | 95-1 | 980 | 903 | 840 | 908 | 7.72 | cps |
| Molybdenum | 96-1 | 10654 | 11348 | 11148 | 11050 | 3.23 | cps |
| Molybdenum | 97-1 | 637 | 593 | 687 | 639 | 7.31 | cps |
| Molybdenum | 98-1 | 1147 | 1143 | 1157 | 1149 | 0.60 | cps |
| Neodymium | 150-1 | 177523 | 180168 | 177672 | 178454 | 0.83 | cps |
| Neodymium | 150-2 | 109044 | 109504 | 109914 | 109487 | 0.40 | cps |
| Nickel | 60-2 | 125798 | 127442 | 126094 | 126445 | 0.69 | cps |
| Phosphorus | 31-2 | 13856 | 13886 | 13773 | 13839 | 0.42 | cps |
| Potassium | 39-2 | 575127 | 575685 | 573218 | 574677 | 0.23 | cps |
| Rhodium | 103-1 | 10547720 | 10373551 | 10436889 | 10452720 | 0.84 | cps |
| Rhodium | 103-2 | 6299164 | 6325481 | 6280583 | 6301743 | 0.36 | cps |
| Scandium | 45-1 | 6418931 | 6428642 | 6348664 | 6398746 | 0.68 | cps |
| Scandium | 45-2 | 537172 | 541301 | 540280 | 539584 | 0.40 | cps |
| Selenium | 82-1 | 316 | 268 | 307 | 297 | 8.65 | cps |
| Selenium | 77-2 | 350 | 293 | 317 | 320 | 8.90 | cps |
| Selenium | 78-2 | 730 | 730 | 703 | 721 | 2.14 | cps |
| Silicon | 28-1 | 136530501 | 138490971 | 137271975 | 137431149 | 0.72 | cps |
| Silver | 107-1 | 480 | 660 | 577 | 572 | 15.74 | cps |
| Silver | 109-1 | 497 | 600 | 463 | 520 | 13.70 | cps |
| Sodium | 23-2 | 19491689 | 19460591 | 19422397 | 19458226 | 0.18 | cps |
| Strontium | 86-1 | 706345 | 716458 | 715543 | 712782 | 0.78 | cps |
| Strontium | 88-1 | 6366800 | 6396324 | 6383458 | 6382194 | 0.23 | cps |
| Sulfur | 34-1 | 10331072 | 10284399 | 10174761 | 10263410 | 0.78 | cps |
| Terbium | 159-1 | 14554729 | 14669738 | 14608206 | 14610891 | 0.39 | cps |
| Terbium | 159-2 | 10201319 | 10206276 | 10229916 | 10212504 | 0.15 | cps |
| Thallium | 203-1 | 523 | 603 | 500 | 542 | 9.99 | cps |
| Thallium | 205-1 | 1307 | 1257 | 1353 | 1306 | 3.70 | cps |
| Tin | 118-1 | 6478 | 6585 | 6525 | 6529 | 0.82 | cps |
| Titanium | 47-1 | 8512 | 8522 | 8969 | 8668 | 3.01 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-14DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-13-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:43:00 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 83000 | 84342 | 83691 | 83677 | 0.80 | cps |
| Vanadium | 51-2 | 1181762 | 1193666 | 1189677 | 1188368 | 0.51 | cps |
| Yttrium | 89-1 | 16393274 | 16474948 | 16319036 | 16395753 | 0.48 | cps |
| Yttrium | 89-2 | 4304625 | 4309743 | 4302473 | 4305614 | 0.09 | cps |
| Zinc | 66-2 | 275324 | 272015 | 273155 | 273498 | 0.61 | cps |
| Zirconium | 90-1 | 13706 | 13917 | 13573 | 13732 | 1.26 | cps |
| Zirconium | 91-1 | 3054 | 2827 | 3034 | 2971 | 4.22 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-16DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-14-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:46:07 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9571588 | 9467179 | 9370505 | 9469757 | 1.06 | cps |
| Antimony | 121-1 | 6278 | 6215 | 6341 | 6278 | 1.01 | cps |
| Arsenic | 75-2 | 1117 | 1193 | 1097 | 1136 | 4.49 | cps |
| Barium | 135-1 | 113410 | 115057 | 115402 | 114623 | 0.93 | cps |
| Barium | 137-1 | 198351 | 198372 | 198520 | 198414 | 0.05 | cps |
| Beryllium | 9-1 | 367 | 350 | 400 | 372 | 6.84 | cps |
| Bismuth | 209-1 | 8295642 | 8090144 | 8071185 | 8152324 | 1.53 | cps |
| Bismuth | 209-2 | 7020449 | 6991771 | 7040970 | 7017730 | 0.35 | cps |
| Bromine | 81-1 | 14454 | 14601 | 14497 | 14517 | 0.52 | cps |
| Bromine | 81-2 | 430 | 427 | 393 | 417 | 4.87 | cps |
| Cadmium | 108-1 | 63 | 50 | 83 | 66 | 25.59 | cps |
| Cadmium | 106-1 | 4117 | 3964 | 3741 | 3941 | 4.81 | cps |
| Cadmium | 111-1 | 3178 | 3096 | 2943 | 3073 | 3.87 | cps |
| Calcium | 43-1 | 1518068 | 1546169 | 1530480 | 1531572 | 0.92 | cps |
| Calcium | 44-1 | 24420180 | 24622208 | 24438877 | 24493755 | 0.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 84461 | 84015 | 83398 | 83958 | 0.64 | cps |
| Cobalt | 59-2 | 440174 | 440028 | 440230 | 440144 | 0.02 | cps |
| Copper | 63-2 | 180076 | 179249 | 178470 | 179265 | 0.45 | cps |
| Dysprosium | 156-1 | 137058 | 138350 | 138629 | 138012 | 0.61 | cps |
| Dysprosium | 156-2 | 110953 | 111965 | 112734 | 111884 | 0.80 | cps |
| Erbium | 164-1 | 160443 | 159606 | 158825 | 159625 | 0.51 | cps |
| Erbium | 164-2 | 114478 | 113271 | 115341 | 114363 | 0.91 | cps |
| Gadolinium | 160-1 | 145523 | 146207 | 144661 | 145464 | 0.53 | cps |
| Gadolinium | 160-2 | 108455 | 109057 | 109342 | 108951 | 0.42 | cps |
| Holmium | 165-1 | 14285297 | 14243854 | 14279140 | 14269430 | 0.16 | cps |
| Holmium | 165-2 | 10182978 | 10209857 | 10354564 | 10249133 | 0.90 | cps |
| Indium | 115-1 | 11519194 | 11701369 | 11644624 | 11621729 | 0.80 | cps |
| Indium | 115-2 | 4202986 | 4207113 | 4246917 | 4219006 | 0.58 | cps |
| Iron | 56-2 | 641603137 | 642949617 | 640176764 | 641576506 | 0.22 | cps |
| Iron | 57-2 | 15764855 | 15717948 | 15666610 | 15716471 | 0.31 | cps |
| Iron | 54-2 | 34322212 | 34623966 | 34659643 | 34535274 | 0.54 | cps |
| Krypton | 83-1 | 490 | 560 | 413 | 488 | 15.04 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-16DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-14-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:46:07 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 20135 | 19825 | 20075 | 20011 | 0.82 | cps |
| Lead | 207-1 | 16767 | 16944 | 16387 | 16699 | 1.71 | cps |
| Lead | 208-1 | 78950 | 79205 | 78282 | 78812 | 0.60 | cps |
| Lithium | 6-1 | 1681734 | 1666691 | 1665748 | 1671391 | 0.54 | cps |
| Magnesium | 24-2 | 21589699 | 21439581 | 21319587 | 21449622 | 0.63 | cps |
| Manganese | 55-2 | 5369033 | 5418776 | 5375595 | 5387802 | 0.50 | cps |
| Molybdenum | 94-1 | 4464 | 4364 | 4624 | 4484 | 2.93 | cps |
| Molybdenum | 95-1 | 847 | 900 | 800 | 849 | 5.89 | cps |
| Molybdenum | 96-1 | 8976 | 9266 | 8933 | 9058 | 2.00 | cps |
| Molybdenum | 97-1 | 583 | 653 | 620 | 619 | 5.66 | cps |
| Molybdenum | 98-1 | 1183 | 1360 | 1193 | 1246 | 7.97 | cps |
| Neodymium | 150-1 | 168706 | 169732 | 167644 | 168694 | 0.62 | cps |
| Neodymium | 150-2 | 105239 | 103714 | 104812 | 104588 | 0.75 | cps |
| Nickel | 60-2 | 135441 | 134426 | 136013 | 135293 | 0.59 | cps |
| Phosphorus | 31-2 | 11308 | 10574 | 10891 | 10924 | 3.37 | cps |
| Potassium | 39-2 | 554336 | 552727 | 552302 | 553122 | 0.19 | cps |
| Rhodium | 103-1 | 10506735 | 10500700 | 10599794 | 10535743 | 0.53 | cps |
| Rhodium | 103-2 | 6306708 | 6347851 | 6356009 | 6336856 | 0.42 | cps |
| Scandium | 45-1 | 6431571 | 6502286 | 6451849 | 6461902 | 0.56 | cps |
| Scandium | 45-2 | 552276 | 549596 | 550076 | 550649 | 0.26 | cps |
| Selenium | 82-1 | 274 | 218 | 303 | 265 | 16.32 | cps |
| Selenium | 77-2 | 337 | 310 | 313 | 320 | 4.54 | cps |
| Selenium | 78-2 | 687 | 657 | 727 | 690 | 5.09 | cps |
| Silicon | 28-1 | 122661608 | 124272508 | 124241911 | 123725343 | 0.74 | cps |
| Silver | 107-1 | 740 | 723 | 743 | 736 | 1.46 | cps |
| Silver | 109-1 | 677 | 637 | 617 | 643 | 4.75 | cps |
| Sodium | 23-2 | 16178543 | 16141644 | 15995783 | 16105323 | 0.60 | cps |
| Strontium | 86-1 | 519405 | 521072 | 520999 | 520492 | 0.18 | cps |
| Strontium | 88-1 | 4675947 | 4651523 | 4680913 | 4669461 | 0.34 | cps |
| Sulfur | 34-1 | 10678652 | 10620711 | 10653053 | 10650805 | 0.27 | cps |
| Terbium | 159-1 | 14759191 | 14676253 | 14506021 | 14647155 | 0.88 | cps |
| Terbium | 159-2 | 10253782 | 10217148 | 10339405 | 10270111 | 0.61 | cps |
| Thallium | 203-1 | 667 | 543 | 667 | 626 | 11.38 | cps |
| Thallium | 205-1 | 1457 | 1330 | 1383 | 1390 | 4.58 | cps |
| Tin | 118-1 | 6502 | 6648 | 6655 | 6602 | 1.31 | cps |
| Titanium | 47-1 | 8669 | 8286 | 8643 | 8532 | 2.51 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-16DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-14-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:46:07 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 79200 | 80538 | 81045 | 80261 | 1.19 | cps |
| Vanadium | 51-2 | 1205246 | 1203370 | 1206140 | 1204919 | 0.12 | cps |
| Yttrium | 89-1 | 16315481 | 16223310 | 16239906 | 16259566 | 0.30 | cps |
| Yttrium | 89-2 | 4258408 | 4313884 | 4279047 | 4283780 | 0.65 | cps |
| Zinc | 66-2 | 282258 | 283225 | 280657 | 282047 | 0.46 | cps |
| Zirconium | 90-1 | 9680 | 10167 | 9560 | 9802 | 3.28 | cps |
| Zirconium | 91-1 | 2010 | 2160 | 2187 | 2119 | 4.49 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-18DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-06R-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:49:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5656086 | 5640753 | 5596889 | 5631243 | 0.55 | cps |
| Antimony | 121-1 | 28528 | 28538 | 28856 | 28641 | 0.65 | cps |
| Arsenic | 75-2 | 1170 | 1193 | 1247 | 1203 | 3.27 | cps |
| Barium | 135-1 | 130343 | 129754 | 131638 | 130578 | 0.74 | cps |
| Barium | 137-1 | 225330 | 225231 | 225930 | 225497 | 0.17 | cps |
| Beryllium | 9-1 | 777 | 820 | 700 | 766 | 7.94 | cps |
| Bismuth | 209-1 | 8193684 | 8084525 | 8323988 | 8200733 | 1.46 | cps |
| Bismuth | 209-2 | 7095497 | 7041782 | 7074623 | 7070634 | 0.38 | cps |
| Bromine | 81-1 | 15165 | 14594 | 14551 | 14770 | 2.32 | cps |
| Bromine | 81-2 | 577 | 640 | 587 | 601 | 5.66 | cps |
| Cadmium | 108-1 | 40 | 60 | 80 | 60 | 33.33 | cps |
| Cadmium | 106-1 | 4207 | 4017 | 3997 | 4074 | 2.85 | cps |
| Cadmium | 111-1 | 3134 | 2993 | 3075 | 3068 | 2.30 | cps |
| Calcium | 43-1 | 2930763 | 2916377 | 2925981 | 2924374 | 0.25 | cps |
| Calcium | 44-1 | 46633278 | 46616409 | 46330981 | 46526889 | 0.37 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 42663 | 43148 | 42490 | 42767 | 0.80 | cps |
| Cobalt | 59-2 | 485728 | 484137 | 482404 | 484089 | 0.34 | cps |
| Copper | 63-2 | 95153 | 94939 | 93949 | 94680 | 0.68 | cps |
| Dysprosium | 156-1 | 169057 | 168311 | 167695 | 168354 | 0.41 | cps |
| Dysprosium | 156-2 | 133107 | 135785 | 132881 | 133924 | 1.21 | cps |
| Erbium | 164-1 | 213720 | 215845 | 216099 | 215221 | 0.61 | cps |
| Erbium | 164-2 | 152934 | 151559 | 151182 | 151892 | 0.61 | cps |
| Gadolinium | 160-1 | 178961 | 180899 | 179213 | 179691 | 0.59 | cps |
| Gadolinium | 160-2 | 133213 | 134354 | 134363 | 133977 | 0.49 | cps |
| Holmium | 165-1 | 14430119 | 14293437 | 14464223 | 14395926 | 0.63 | cps |
| Holmium | 165-2 | 10126151 | 10208808 | 10267198 | 10200719 | 0.69 | cps |
| Indium | 115-1 | 11461911 | 11467924 | 11634051 | 11521295 | 0.85 | cps |
| Indium | 115-2 | 4137968 | 4154889 | 4150019 | 4147625 | 0.21 | cps |
| Iron | 56-2 | 893774440 | 902583027 | 901718253 | 899358573 | 0.54 | cps |
| Iron | 57-2 | 22439806 | 22276177 | 22043561 | 22253181 | 0.89 | cps |
| Iron | 54-2 | 49295954 | 48913933 | 48162579 | 48790822 | 1.18 | cps |
| Krypton | 83-1 | 633 | 510 | 597 | 580 | 10.92 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-18DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-06R-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:49:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6021 | 5768 | 6332 | 6040 | 4.67 | cps |
| Lead | 207-1 | 5138 | 4858 | 4928 | 4974 | 2.93 | cps |
| Lead | 208-1 | 23285 | 23148 | 24159 | 23530 | 2.33 | cps |
| Lithium | 6-1 | 1669648 | 1665213 | 1688462 | 1674441 | 0.74 | cps |
| Magnesium | 24-2 | 17217747 | 17136273 | 17075684 | 17143235 | 0.42 | cps |
| Manganese | 55-2 | 11900327 | 11897263 | 11827121 | 11874904 | 0.35 | cps |
| Molybdenum | 94-1 | 6375 | 6258 | 6301 | 6311 | 0.93 | cps |
| Molybdenum | 95-1 | 1110 | 1067 | 1073 | 1083 | 2.15 | cps |
| Molybdenum | 96-1 | 12622 | 11905 | 12232 | 12253 | 2.93 | cps |
| Molybdenum | 97-1 | 603 | 713 | 730 | 682 | 10.09 | cps |
| Molybdenum | 98-1 | 1107 | 1107 | 1220 | 1145 | 5.72 | cps |
| Neodymium | 150-1 | 187542 | 191843 | 189960 | 189782 | 1.14 | cps |
| Neodymium | 150-2 | 115878 | 114987 | 116674 | 115846 | 0.73 | cps |
| Nickel | 60-2 | 69918 | 70096 | 68871 | 69628 | 0.95 | cps |
| Phosphorus | 31-2 | 4757 | 4918 | 4877 | 4851 | 1.72 | cps |
| Potassium | 39-2 | 532439 | 529713 | 524777 | 528976 | 0.73 | cps |
| Rhodium | 103-1 | 10574266 | 10419115 | 10218980 | 10404120 | 1.71 | cps |
| Rhodium | 103-2 | 6189367 | 6205263 | 6198508 | 6197713 | 0.13 | cps |
| Scandium | 45-1 | 6422182 | 6411167 | 6363239 | 6398862 | 0.49 | cps |
| Scandium | 45-2 | 528520 | 535093 | 534654 | 532756 | 0.69 | cps |
| Selenium | 82-1 | 323 | 412 | 353 | 363 | 12.47 | cps |
| Selenium | 77-2 | 327 | 403 | 413 | 381 | 12.44 | cps |
| Selenium | 78-2 | 753 | 673 | 693 | 707 | 5.89 | cps |
| Silicon | 28-1 | 145210191 | 148932688 | 146073231 | 146738703 | 1.33 | cps |
| Silver | 107-1 | 673 | 583 | 597 | 618 | 7.86 | cps |
| Silver | 109-1 | 463 | 603 | 583 | 550 | 13.77 | cps |
| Sodium | 23-2 | 14092660 | 13929021 | 13771598 | 13931093 | 1.15 | cps |
| Strontium | 86-1 | 926474 | 925657 | 921705 | 924612 | 0.28 | cps |
| Strontium | 88-1 | 8320132 | 8371664 | 8310519 | 8334105 | 0.39 | cps |
| Sulfur | 34-1 | 10886417 | 10678384 | 10639125 | 10734642 | 1.24 | cps |
| Terbium | 159-1 | 14943544 | 14605708 | 14666715 | 14738655 | 1.22 | cps |
| Terbium | 159-2 | 9994227 | 10209318 | 10099491 | 10101012 | 1.06 | cps |
| Thallium | 203-1 | 600 | 537 | 520 | 552 | 7.64 | cps |
| Thallium | 205-1 | 1250 | 1253 | 1190 | 1231 | 2.90 | cps |
| Tin | 118-1 | 3014 | 3227 | 3280 | 3174 | 4.45 | cps |
| Titanium | 47-1 | 4894 | 5151 | 5044 | 5030 | 2.56 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5306-18DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-06R-121224 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 13:49:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 101805 | 101321 | 102184 | 101770 | 0.43 | cps |
| Vanadium | 51-2 | 1090593 | 1088153 | 1090707 | 1089818 | 0.13 | cps |
| Yttrium | 89-1 | 17246701 | 17182258 | 17132750 | 17187236 | 0.33 | cps |
| Yttrium | 89-2 | 4483034 | 4438920 | 4527620 | 4483191 | 0.99 | cps |
| Zinc | 66-2 | 247613 | 245590 | 243128 | 245444 | 0.92 | cps |
| Zirconium | 90-1 | 14264 | 14437 | 14060 | 14254 | 1.32 | cps |
| Zirconium | 91-1 | 3187 | 3127 | 2910 | 3075 | 4.73 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165699TB | Instrumnet Name : | P7 |
| Client Sample ID : | PB165699TB | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:52:26 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1053 | 1120 | 1090 | 1088 | 3.07 | cps |
| Antimony | 121-1 | 22508 | 22024 | 22528 | 22353 | 1.28 | cps |
| Arsenic | 75-2 | 17 | 20 | 13 | 17 | 20.01 | cps |
| Barium | 135-1 | 107 | 150 | 113 | 123 | 18.92 | cps |
| Barium | 137-1 | 210 | 267 | 237 | 238 | 11.92 | cps |
| Beryllium | 9-1 | 93 | 57 | 93 | 81 | 26.10 | cps |
| Bismuth | 209-1 | 8517685 | 8505968 | 8431232 | 8484962 | 0.55 | cps |
| Bismuth | 209-2 | 7305990 | 7277811 | 7356459 | 7313420 | 0.54 | cps |
| Bromine | 81-1 | 15098 | 15201 | 14491 | 14930 | 2.57 | cps |
| Bromine | 81-2 | 127 | 113 | 153 | 131 | 15.53 | cps |
| Cadmium | 108-1 | 7 | 23 | 3 | 11 | 96.43 | cps |
| Cadmium | 106-1 | 3217 | 3120 | 3077 | 3138 | 2.28 | cps |
| Cadmium | 111-1 | 2271 | 2195 | 2175 | 2213 | 2.28 | cps |
| Calcium | 43-1 | 1103 | 920 | 687 | 903 | 23.12 | cps |
| Calcium | 44-1 | 22023 | 17847 | 16272 | 18714 | 15.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2457 | 2467 | 2407 | 2444 | 1.32 | cps |
| Cobalt | 59-2 | 227 | 253 | 200 | 227 | 11.77 | cps |
| Copper | 63-2 | 1033 | 1043 | 1017 | 1031 | 1.31 | cps |
| Dysprosium | 156-1 | 60 | 27 | 13 | 33 | 72.11 | cps |
| Dysprosium | 156-2 | 20 | 17 | 10 | 16 | 32.73 | cps |
| Erbium | 164-1 | 93 | 40 | 47 | 60 | 48.43 | cps |
| Erbium | 164-2 | 47 | 47 | 40 | 44 | 8.66 | cps |
| Gadolinium | 160-1 | 97 | 83 | 57 | 79 | 25.82 | cps |
| Gadolinium | 160-2 | 430 | 433 | 477 | 447 | 5.83 | cps |
| Holmium | 165-1 | 14248354 | 14150808 | 14277176 | 14225446 | 0.47 | cps |
| Holmium | 165-2 | 10298633 | 10293238 | 10445285 | 10345719 | 0.83 | cps |
| Indium | 115-1 | 11801102 | 11909698 | 11856521 | 11855774 | 0.46 | cps |
| Indium | 115-2 | 4338403 | 4428528 | 4398725 | 4388552 | 1.05 | cps |
| Iron | 56-2 | 79824 | 76402 | 69975 | 75400 | 6.63 | cps |
| Iron | 57-2 | 2490 | 2560 | 2294 | 2448 | 5.65 | cps |
| Iron | 54-2 | 6295 | 5724 | 5294 | 5771 | 8.70 | cps |
| Krypton | 83-1 | 247 | 207 | 233 | 229 | 8.90 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165699TB | Instrumnet Name : | P7 |
| Client Sample ID : | PB165699TB | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:52:26 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1693 | 1717 | 1677 | 1696 | 1.18 | cps |
| Lead | 207-1 | 1633 | 1597 | 1490 | 1573 | 4.73 | cps |
| Lead | 208-1 | 7111 | 7174 | 6881 | 7055 | 2.19 | cps |
| Lithium | 6-1 | 1673441 | 1676902 | 1678080 | 1676141 | 0.14 | cps |
| Magnesium | 24-2 | 1773 | 1767 | 1617 | 1719 | 5.15 | cps |
| Manganese | 55-2 | 7545 | 7469 | 7455 | 7490 | 0.65 | cps |
| Molybdenum | 94-1 | 420 | 417 | 350 | 396 | 9.98 | cps |
| Molybdenum | 95-1 | 253 | 217 | 173 | 214 | 18.67 | cps |
| Molybdenum | 96-1 | 263 | 283 | 293 | 280 | 5.46 | cps |
| Molybdenum | 97-1 | 123 | 130 | 140 | 131 | 6.40 | cps |
| Molybdenum | 98-1 | 313 | 257 | 343 | 304 | 14.46 | cps |
| Neodymium | 150-1 | 37 | 37 | 37 | 37 | 0.00 | cps |
| Neodymium | 150-2 | 10 | 3 | 13 | 9 | 57.30 | cps |
| Nickel | 60-2 | 577 | 660 | 513 | 583 | 12.61 | cps |
| Phosphorus | 31-2 | 177 | 130 | 193 | 167 | 19.70 | cps |
| Potassium | 39-2 | 50978 | 50564 | 50828 | 50790 | 0.41 | cps |
| Rhodium | 103-1 | 11101370 | 11065017 | 10975362 | 11047250 | 0.59 | cps |
| Rhodium | 103-2 | 6657432 | 6769194 | 6756562 | 6727730 | 0.91 | cps |
| Scandium | 45-1 | 6428488 | 6414067 | 6424018 | 6422191 | 0.11 | cps |
| Scandium | 45-2 | 554511 | 558535 | 559935 | 557660 | 0.50 | cps |
| Selenium | 82-1 | 125 | 130 | 95 | 117 | 16.28 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 500 | 533 | 437 | 490 | 10.02 | cps |
| Silicon | 28-1 | 777809 | 779187 | 767982 | 774993 | 0.79 | cps |
| Silver | 107-1 | 143 | 143 | 160 | 149 | 6.46 | cps |
| Silver | 109-1 | 107 | 83 | 100 | 97 | 12.44 | cps |
| Sodium | 23-2 | 118733 | 119297 | 118139 | 118723 | 0.49 | cps |
| Strontium | 86-1 | 583 | 513 | 490 | 529 | 9.18 | cps |
| Strontium | 88-1 | 2044 | 1643 | 1340 | 1676 | 21.06 | cps |
| Sulfur | 34-1 | 344090 | 343068 | 343325 | 343494 | 0.15 | cps |
| Terbium | 159-1 | 14902291 | 14647712 | 14600601 | 14716868 | 1.10 | cps |
| Terbium | 159-2 | 10149663 | 10304930 | 10326017 | 10260203 | 0.94 | cps |
| Thallium | 203-1 | 320 | 383 | 330 | 344 | 9.88 | cps |
| Thallium | 205-1 | 720 | 593 | 620 | 644 | 10.36 | cps |
| Tin | 118-1 | 2434 | 2550 | 2777 | 2587 | 6.75 | cps |
| Titanium | 47-1 | 190 | 230 | 203 | 208 | 9.80 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165699TB | Instrumnet Name : | P7 |
| Client Sample ID : | PB165699TB | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:52:26 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33 | 33 | 13 | 27 | 43.31 | cps |
| Vanadium | 51-2 | 73 | 107 | 83 | 88 | 19.49 | cps |
| Yttrium | 89-1 | 13762181 | 13938699 | 13836730 | 13845870 | 0.64 | cps |
| Yttrium | 89-2 | 3727420 | 3754285 | 3731935 | 3737880 | 0.38 | cps |
| Zinc | 66-2 | 897 | 913 | 1030 | 947 | 7.67 | cps |
| Zirconium | 90-1 | 643 | 667 | 773 | 694 | 9.98 | cps |
| Zirconium | 91-1 | 187 | 123 | 150 | 153 | 20.74 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:55:45 | DataFile Name : | 048CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14110195 | 13980892 | 13836038 | 13975708 | 0.98 | cps |
| Antimony | 121-1 | 6373487 | 6291788 | 6173348 | 6279541 | 1.60 | cps |
| Arsenic | 75-2 | 301885 | 299951 | 297737 | 299858 | 0.69 | cps |
| Barium | 135-1 | 8299228 | 8254787 | 8177992 | 8244002 | 0.74 | cps |
| Barium | 137-1 | 14154509 | 14312779 | 13892892 | 14120060 | 1.50 | cps |
| Beryllium | 9-1 | 732202 | 733273 | 734375 | 733283 | 0.15 | cps |
| Bismuth | 209-1 | 7807184 | 7917467 | 7903690 | 7876114 | 0.76 | cps |
| Bismuth | 209-2 | 6541399 | 6603106 | 6549953 | 6564819 | 0.51 | cps |
| Bromine | 81-1 | 13736 | 13016 | 13526 | 13426 | 2.76 | cps |
| Bromine | 81-2 | 147 | 100 | 143 | 130 | 20.03 | cps |
| Cadmium | 108-1 | 111974 | 110496 | 111581 | 111351 | 0.69 | cps |
| Cadmium | 106-1 | 160415 | 159471 | 158046 | 159311 | 0.75 | cps |
| Cadmium | 111-1 | 1504441 | 1492494 | 1482876 | 1493270 | 0.72 | cps |
| Calcium | 43-1 | 8358845 | 8287455 | 8278243 | 8308181 | 0.53 | cps |
| Calcium | 44-1 | 135134608 | 132645735 | 132822431 | 133534258 | 1.04 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2427073 | 2413435 | 2422986 | 2421165 | 0.29 | cps |
| Cobalt | 59-2 | 3766416 | 3732698 | 3736779 | 3745298 | 0.49 | cps |
| Copper | 63-2 | 26258315 | 26339460 | 26053863 | 26217213 | 0.56 | cps |
| Dysprosium | 156-1 | 287 | 317 | 273 | 292 | 7.59 | cps |
| Dysprosium | 156-2 | 423 | 483 | 547 | 484 | 12.73 | cps |
| Erbium | 164-1 | 357 | 313 | 250 | 307 | 17.49 | cps |
| Erbium | 164-2 | 207 | 180 | 187 | 191 | 7.26 | cps |
| Gadolinium | 160-1 | 323 | 330 | 237 | 297 | 17.55 | cps |
| Gadolinium | 160-2 | 623 | 533 | 593 | 583 | 7.86 | cps |
| Holmium | 165-1 | 14355869 | 13988410 | 14141981 | 14162087 | 1.30 | cps |
| Holmium | 165-2 | 10097842 | 9956376 | 9928697 | 9994305 | 0.91 | cps |
| Indium | 115-1 | 11050986 | 10830281 | 10837858 | 10906375 | 1.15 | cps |
| Indium | 115-2 | 3904913 | 3875200 | 3858099 | 3879404 | 0.61 | cps |
| Iron | 56-2 | 567991392 | 574415191 | 566553858 | 569653480 | 0.73 | cps |
| Iron | 57-2 | 14000402 | 14119409 | 13980958 | 14033590 | 0.53 | cps |
| Iron | 54-2 | 30773589 | 30800710 | 30616346 | 30730215 | 0.32 | cps |
| Krypton | 83-1 | 240 | 270 | 220 | 243 | 10.34 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:55:45 | DataFile Name : | 048CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23190258 | 23472133 | 23137596 | 23266662 | 0.77 | cps |
| Lead | 207-1 | 21034069 | 21123037 | 20908497 | 21021868 | 0.51 | cps |
| Lead | 208-1 | 94720556 | 95817107 | 94820861 | 95119508 | 0.64 | cps |
| Lithium | 6-1 | 1703837 | 1668063 | 1705937 | 1692612 | 1.26 | cps |
| Magnesium | 24-2 | 107902165 | 107393332 | 106846228 | 107380575 | 0.49 | cps |
| Manganese | 55-2 | 19393191 | 19452561 | 19223966 | 19356573 | 0.61 | cps |
| Molybdenum | 94-1 | 22334790 | 22059780 | 21872430 | 22089000 | 1.05 | cps |
| Molybdenum | 95-1 | 32633324 | 31647220 | 31687638 | 31989394 | 1.74 | cps |
| Molybdenum | 96-1 | 35450311 | 34933434 | 34965766 | 35116504 | 0.82 | cps |
| Molybdenum | 97-1 | 20081099 | 19799387 | 19714636 | 19865041 | 0.97 | cps |
| Molybdenum | 98-1 | 51665161 | 51281198 | 50873206 | 51273188 | 0.77 | cps |
| Neodymium | 150-1 | 473 | 483 | 483 | 480 | 1.20 | cps |
| Neodymium | 150-2 | 193 | 167 | 137 | 166 | 17.12 | cps |
| Nickel | 60-2 | 887210 | 889011 | 886593 | 887604 | 0.14 | cps |
| Phosphorus | 31-2 | 123433 | 124118 | 122999 | 123517 | 0.46 | cps |
| Potassium | 39-2 | 69508809 | 69722387 | 69036667 | 69422621 | 0.51 | cps |
| Rhodium | 103-1 | 9743896 | 9485687 | 9728895 | 9652826 | 1.50 | cps |
| Rhodium | 103-2 | 5769691 | 5697072 | 5707178 | 5724647 | 0.69 | cps |
| Scandium | 45-1 | 6172494 | 6106754 | 6091858 | 6123702 | 0.70 | cps |
| Scandium | 45-2 | 515818 | 514120 | 510878 | 513605 | 0.49 | cps |
| Selenium | 82-1 | 90308 | 90485 | 89678 | 90157 | 0.47 | cps |
| Selenium | 77-2 | 9023 | 9023 | 9173 | 9073 | 0.96 | cps |
| Selenium | 78-2 | 30952 | 30685 | 30565 | 30734 | 0.65 | cps |
| Silicon | 28-1 | 3675739 | 3600387 | 3653475 | 3643200 | 1.06 | cps |
| Silver | 107-1 | 7737044 | 7558009 | 7587010 | 7627354 | 1.26 | cps |
| Silver | 109-1 | 7479965 | 7350272 | 7391612 | 7407283 | 0.89 | cps |
| Sodium | 23-2 | 173179231 | 174612737 | 175023664 | 174271877 | 0.56 | cps |
| Strontium | 86-1 | 2058955 | 2030776 | 2034529 | 2041420 | 0.75 | cps |
| Strontium | 88-1 | 17873108 | 17504897 | 17457306 | 17611770 | 1.29 | cps |
| Sulfur | 34-1 | 627340 | 611388 | 614388 | 617705 | 1.37 | cps |
| Terbium | 159-1 | 14460956 | 14377474 | 14336409 | 14391613 | 0.44 | cps |
| Terbium | 159-2 | 9833195 | 10012253 | 9707972 | 9851140 | 1.55 | cps |
| Thallium | 203-1 | 6073153 | 6001501 | 5972578 | 6015744 | 0.86 | cps |
| Thallium | 205-1 | 14300991 | 14398034 | 14185990 | 14295005 | 0.74 | cps |
| Tin | 118-1 | 5262514 | 5285667 | 5225373 | 5257851 | 0.58 | cps |
| Titanium | 47-1 | 7787994 | 7754330 | 7678957 | 7740427 | 0.72 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:55:45 | DataFile Name : | 048CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 19249597 | 19366968 | 19473217 | 19363261 | 0.58 | cps |
| Vanadium | 51-2 | 2160569 | 2174767 | 2197903 | 2177746 | 0.87 | cps |
| Yttrium | 89-1 | 13396087 | 13074481 | 13154443 | 13208337 | 1.27 | cps |
| Yttrium | 89-2 | 3428294 | 3405520 | 3391892 | 3408569 | 0.54 | cps |
| Zinc | 66-2 | 4353558 | 4334565 | 4296751 | 4328291 | 0.67 | cps |
| Zirconium | 90-1 | 11006706 | 10773355 | 10666837 | 10815633 | 1.61 | cps |
| Zirconium | 91-1 | 2425403 | 2378058 | 2385708 | 2396390 | 1.06 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:58:28 | DataFile Name : | 049CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 400 | 370 | 473 | 414 | 12.83 | cps |
| Antimony | 121-1 | 2960 | 2744 | 2337 | 2680 | 11.81 | cps |
| Arsenic | 75-2 | 10 | 20 | 10 | 13 | 43.30 | cps |
| Barium | 135-1 | 820 | 463 | 353 | 546 | 44.72 | cps |
| Barium | 137-1 | 1307 | 733 | 493 | 844 | 49.49 | cps |
| Beryllium | 9-1 | 190 | 177 | 207 | 191 | 7.86 | cps |
| Bismuth | 209-1 | 8210251 | 8540599 | 8700498 | 8483783 | 2.95 | cps |
| Bismuth | 209-2 | 7440373 | 7355044 | 7359123 | 7384847 | 0.65 | cps |
| Bromine | 81-1 | 13773 | 13717 | 13606 | 13699 | 0.62 | cps |
| Bromine | 81-2 | 297 | 227 | 193 | 239 | 22.08 | cps |
| Cadmium | 108-1 | 27 | 23 | 17 | 22 | 22.91 | cps |
| Cadmium | 106-1 | 2894 | 3080 | 2900 | 2958 | 3.58 | cps |
| Cadmium | 111-1 | 2217 | 2267 | 2112 | 2198 | 3.59 | cps |
| Calcium | 43-1 | 1033 | 760 | 623 | 806 | 25.92 | cps |
| Calcium | 44-1 | 21042 | 15805 | 13549 | 16799 | 22.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1393 | 1453 | 1357 | 1401 | 3.48 | cps |
| Cobalt | 59-2 | 183 | 183 | 210 | 192 | 8.01 | cps |
| Copper | 63-2 | 1477 | 1507 | 1323 | 1436 | 6.85 | cps |
| Dysprosium | 156-1 | 7 | 13 | 10 | 10 | 33.30 | cps |
| Dysprosium | 156-2 | 7 | 7 | 0 | 4 | 86.60 | cps |
| Erbium | 164-1 | 57 | 63 | 60 | 60 | 5.55 | cps |
| Erbium | 164-2 | 23 | 33 | 43 | 33 | 30.00 | cps |
| Gadolinium | 160-1 | 47 | 50 | 40 | 46 | 11.18 | cps |
| Gadolinium | 160-2 | 460 | 413 | 450 | 441 | 5.57 | cps |
| Holmium | 165-1 | 13484747 | 14022742 | 14115561 | 13874350 | 2.45 | cps |
| Holmium | 165-2 | 10276082 | 9990060 | 10067227 | 10111123 | 1.46 | cps |
| Indium | 115-1 | 11041638 | 11424222 | 11741821 | 11402560 | 3.07 | cps |
| Indium | 115-2 | 4287331 | 4228638 | 4231299 | 4249089 | 0.78 | cps |
| Iron | 56-2 | 34807 | 34209 | 33347 | 34121 | 2.15 | cps |
| Iron | 57-2 | 1313 | 1197 | 1297 | 1269 | 4.97 | cps |
| Iron | 54-2 | 3287 | 3227 | 3147 | 3220 | 2.18 | cps |
| Krypton | 83-1 | 217 | 253 | 233 | 234 | 7.83 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:58:28 | DataFile Name : | 049CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2460 | 1893 | 1400 | 1918 | 27.66 | cps |
| Lead | 207-1 | 2484 | 1490 | 1363 | 1779 | 34.48 | cps |
| Lead | 208-1 | 10749 | 7241 | 5987 | 7992 | 30.88 | cps |
| Lithium | 6-1 | 1706119 | 1764124 | 1806498 | 1758914 | 2.86 | cps |
| Magnesium | 24-2 | 3297 | 3177 | 2957 | 3144 | 5.49 | cps |
| Manganese | 55-2 | 830 | 817 | 820 | 822 | 0.84 | cps |
| Molybdenum | 94-1 | 2774 | 2017 | 1487 | 2092 | 30.91 | cps |
| Molybdenum | 95-1 | 3714 | 2364 | 1697 | 2591 | 39.66 | cps |
| Molybdenum | 96-1 | 4031 | 2604 | 1910 | 2848 | 37.96 | cps |
| Molybdenum | 97-1 | 2167 | 1403 | 1063 | 1545 | 36.59 | cps |
| Molybdenum | 98-1 | 5558 | 3644 | 2867 | 4023 | 34.43 | cps |
| Neodymium | 150-1 | 3 | 10 | 0 | 4 | 114.60 | cps |
| Neodymium | 150-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Nickel | 60-2 | 410 | 320 | 307 | 346 | 16.27 | cps |
| Phosphorus | 31-2 | 197 | 193 | 183 | 191 | 3.63 | cps |
| Potassium | 39-2 | 51955 | 51718 | 50624 | 51432 | 1.38 | cps |
| Rhodium | 103-1 | 9894046 | 10619392 | 10689274 | 10400904 | 4.23 | cps |
| Rhodium | 103-2 | 6469842 | 6484316 | 6392819 | 6448992 | 0.76 | cps |
| Scandium | 45-1 | 5783690 | 6083575 | 6186004 | 6017756 | 3.47 | cps |
| Scandium | 45-2 | 528395 | 526091 | 524891 | 526459 | 0.34 | cps |
| Selenium | 82-1 | 133 | 85 | 67 | 95 | 35.99 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 423 | 447 | 373 | 414 | 9.04 | cps |
| Silicon | 28-1 | 634412 | 620686 | 613431 | 622843 | 1.71 | cps |
| Silver | 107-1 | 1333 | 977 | 920 | 1077 | 20.81 | cps |
| Silver | 109-1 | 1187 | 860 | 740 | 929 | 24.89 | cps |
| Sodium | 23-2 | 32648 | 32160 | 32488 | 32432 | 0.77 | cps |
| Strontium | 86-1 | 577 | 547 | 527 | 550 | 4.58 | cps |
| Strontium | 88-1 | 1893 | 1120 | 977 | 1330 | 37.08 | cps |
| Sulfur | 34-1 | 171800 | 172673 | 171093 | 171855 | 0.46 | cps |
| Terbium | 159-1 | 13597139 | 14533134 | 14726238 | 14285504 | 4.23 | cps |
| Terbium | 159-2 | 10281553 | 10055872 | 9893338 | 10076921 | 1.93 | cps |
| Thallium | 203-1 | 970 | 883 | 723 | 859 | 14.57 | cps |
| Thallium | 205-1 | 2564 | 1970 | 1593 | 2042 | 23.95 | cps |
| Tin | 118-1 | 2194 | 2117 | 1933 | 2081 | 6.42 | cps |
| Titanium | 47-1 | 877 | 520 | 450 | 616 | 37.17 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB043 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB043 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 13:58:28 | DataFile Name : | 049CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1567 | 953 | 780 | 1100 | 37.58 | cps |
| Vanadium | 51-2 | 73 | 67 | 63 | 68 | 7.51 | cps |
| Yttrium | 89-1 | 12781077 | 13224264 | 13485829 | 13163724 | 2.71 | cps |
| Yttrium | 89-2 | 3553298 | 3505859 | 3528943 | 3529367 | 0.67 | cps |
| Zinc | 66-2 | 360 | 390 | 387 | 379 | 4.34 | cps |
| Zirconium | 90-1 | 1837 | 1540 | 1373 | 1583 | 14.82 | cps |
| Zirconium | 91-1 | 387 | 333 | 247 | 322 | 21.93 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5184-20A | Instrumnet Name : | P7 |
| Client Sample ID : | MYCZF8ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:01:46 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 26093165 | 26097017 | 26159168 | 26116450 | 0.14 | cps |
| Antimony | 121-1 | 8172 | 8349 | 8256 | 8259 | 1.07 | cps |
| Arsenic | 75-2 | 174445 | 171491 | 172273 | 172736 | 0.89 | cps |
| Barium | 135-1 | 573679 | 572766 | 573732 | 573392 | 0.09 | cps |
| Barium | 137-1 | 997191 | 994281 | 986358 | 992610 | 0.56 | cps |
| Beryllium | 9-1 | 1570 | 1420 | 1623 | 1538 | 6.86 | cps |
| Bismuth | 209-1 | 8974113 | 8838107 | 8727720 | 8846647 | 1.40 | cps |
| Bismuth | 209-2 | 7403036 | 7338186 | 7413047 | 7384757 | 0.55 | cps |
| Bromine | 81-1 | 14641 | 14818 | 15011 | 14823 | 1.25 | cps |
| Bromine | 81-2 | 390 | 387 | 440 | 406 | 7.37 | cps |
| Cadmium | 108-1 | 1497 | 1607 | 1660 | 1588 | 5.25 | cps |
| Cadmium | 106-1 | 5975 | 5881 | 5751 | 5869 | 1.91 | cps |
| Cadmium | 111-1 | 24447 | 24441 | 23609 | 24166 | 2.00 | cps |
| Calcium | 43-1 | 389113 | 393834 | 390946 | 391298 | 0.61 | cps |
| Calcium | 44-1 | 5992851 | 5962107 | 5939873 | 5964944 | 0.45 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2012831 | 1980951 | 2007110 | 2000297 | 0.85 | cps |
| Cobalt | 59-2 | 930158 | 928003 | 923934 | 927365 | 0.34 | cps |
| Copper | 63-2 | 17425986 | 17353398 | 17272690 | 17350691 | 0.44 | cps |
| Dysprosium | 156-1 | 62448 | 62143 | 62213 | 62268 | 0.26 | cps |
| Dysprosium | 156-2 | 49082 | 49009 | 49366 | 49152 | 0.38 | cps |
| Erbium | 164-1 | 70138 | 70600 | 69877 | 70205 | 0.52 | cps |
| Erbium | 164-2 | 50203 | 50324 | 49758 | 50095 | 0.59 | cps |
| Gadolinium | 160-1 | 65241 | 66098 | 65264 | 65534 | 0.75 | cps |
| Gadolinium | 160-2 | 49203 | 49363 | 48634 | 49067 | 0.78 | cps |
| Holmium | 165-1 | 15480395 | 15140006 | 14967905 | 15196102 | 1.72 | cps |
| Holmium | 165-2 | 10703379 | 10701168 | 10756469 | 10720339 | 0.29 | cps |
| Indium | 115-1 | 12320083 | 12011307 | 12219036 | 12183475 | 1.29 | cps |
| Indium | 115-2 | 4311197 | 4342427 | 4346785 | 4333470 | 0.45 | cps |
| Iron | 56-2 | 900874733 | 885873107 | 884378867 | 890375569 | 1.02 | cps |
| Iron | 57-2 | 21854139 | 21872969 | 21625785 | 21784297 | 0.63 | cps |
| Iron | 54-2 | 48105438 | 48003131 | 47840713 | 47983094 | 0.28 | cps |
| Krypton | 83-1 | 330 | 283 | 347 | 320 | 10.26 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5184-20A | Instrumnet Name : | P7 |
| Client Sample ID : | MYCZF8ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:01:46 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5000973 | 4959445 | 4967300 | 4975906 | 0.44 | cps |
| Lead | 207-1 | 4639628 | 4634738 | 4568080 | 4614149 | 0.87 | cps |
| Lead | 208-1 | 20633290 | 20531852 | 20370817 | 20511986 | 0.65 | cps |
| Lithium | 6-1 | 1904703 | 1833605 | 1836165 | 1858158 | 2.17 | cps |
| Magnesium | 24-2 | 29446063 | 29411007 | 29498090 | 29451720 | 0.15 | cps |
| Manganese | 55-2 | 14115395 | 14037221 | 13883070 | 14011895 | 0.84 | cps |
| Molybdenum | 94-1 | 39262 | 40128 | 40028 | 39806 | 1.19 | cps |
| Molybdenum | 95-1 | 4117 | 4251 | 4304 | 4224 | 2.28 | cps |
| Molybdenum | 96-1 | 19970 | 19747 | 20274 | 19997 | 1.32 | cps |
| Molybdenum | 97-1 | 2624 | 2797 | 2774 | 2731 | 3.44 | cps |
| Molybdenum | 98-1 | 6311 | 6485 | 6378 | 6391 | 1.37 | cps |
| Neodymium | 150-1 | 82258 | 82385 | 82261 | 82301 | 0.09 | cps |
| Neodymium | 150-2 | 49403 | 48888 | 49429 | 49240 | 0.62 | cps |
| Nickel | 60-2 | 441588 | 444023 | 441065 | 442225 | 0.36 | cps |
| Phosphorus | 31-2 | 12292 | 12438 | 12495 | 12408 | 0.85 | cps |
| Potassium | 39-2 | 1292322 | 1310751 | 1295815 | 1299629 | 0.75 | cps |
| Rhodium | 103-1 | 11136180 | 10861390 | 10842406 | 10946659 | 1.50 | cps |
| Rhodium | 103-2 | 6585042 | 6614079 | 6586323 | 6595148 | 0.25 | cps |
| Scandium | 45-1 | 7880787 | 7790635 | 7835802 | 7835741 | 0.58 | cps |
| Scandium | 45-2 | 667617 | 667642 | 662641 | 665967 | 0.43 | cps |
| Selenium | 82-1 | 614 | 704 | 614 | 644 | 8.08 | cps |
| Selenium | 77-2 | 187 | 267 | 227 | 227 | 17.65 | cps |
| Selenium | 78-2 | 760 | 740 | 693 | 731 | 4.68 | cps |
| Silicon | 28-1 | 51638294 | 52203458 | 51320948 | 51720900 | 0.86 | cps |
| Silver | 107-1 | 56044 | 55375 | 55382 | 55600 | 0.69 | cps |
| Silver | 109-1 | 52799 | 52685 | 53167 | 52884 | 0.48 | cps |
| Sodium | 23-2 | 91251 | 91583 | 90155 | 90997 | 0.82 | cps |
| Strontium | 86-1 | 191714 | 195956 | 195064 | 194244 | 1.15 | cps |
| Strontium | 88-1 | 1726810 | 1757231 | 1759895 | 1747979 | 1.05 | cps |
| Sulfur | 34-1 | 180455 | 177069 | 176776 | 178100 | 1.15 | cps |
| Terbium | 159-1 | 15538831 | 15378062 | 15267653 | 15394849 | 0.89 | cps |
| Terbium | 159-2 | 10772722 | 10597420 | 10645263 | 10671801 | 0.85 | cps |
| Thallium | 203-1 | 2797 | 2690 | 2647 | 2711 | 2.85 | cps |
| Thallium | 205-1 | 6482 | 6188 | 6285 | 6318 | 2.37 | cps |
| Tin | 118-1 | 3460 | 3791 | 3404 | 3552 | 5.89 | cps |
| Titanium | 47-1 | 2176757 | 2227139 | 2220083 | 2207993 | 1.24 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5184-20A | Instrumnet Name : | P7 |
| Client Sample ID : | MYCZF8ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:01:46 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 23421 | 22686 | 22369 | 22825 | 2.36 | cps |
| Vanadium | 51-2 | 2302679 | 2283690 | 2277492 | 2287954 | 0.57 | cps |
| Yttrium | 89-1 | 15439037 | 15332113 | 15306779 | 15359310 | 0.46 | cps |
| Yttrium | 89-2 | 4061399 | 3994446 | 4020089 | 4025312 | 0.84 | cps |
| Zinc | 66-2 | 575018 | 573585 | 571350 | 573318 | 0.32 | cps |
| Zirconium | 90-1 | 100135 | 102202 | 100977 | 101105 | 1.03 | cps |
| Zirconium | 91-1 | 21957 | 22350 | 23032 | 22446 | 2.42 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5191-13A | Instrumnet Name : | P7 |
| Client Sample ID : | MYD033ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:04:49 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8686377 | 8628692 | 8568323 | 8627797 | 0.68 | cps |
| Antimony | 121-1 | 1453 | 1487 | 1557 | 1499 | 3.52 | cps |
| Arsenic | 75-2 | 24176 | 23298 | 23716 | 23730 | 1.85 | cps |
| Barium | 135-1 | 650263 | 647428 | 643414 | 647035 | 0.53 | cps |
| Barium | 137-1 | 1114841 | 1119190 | 1109907 | 1114646 | 0.42 | cps |
| Beryllium | 9-1 | 1113 | 1243 | 1150 | 1169 | 5.73 | cps |
| Bismuth | 209-1 | 8777107 | 8686679 | 8581766 | 8681851 | 1.13 | cps |
| Bismuth | 209-2 | 7315314 | 7357874 | 7311027 | 7328072 | 0.35 | cps |
| Bromine | 81-1 | 14250 | 14958 | 14567 | 14592 | 2.43 | cps |
| Bromine | 81-2 | 310 | 223 | 310 | 281 | 17.80 | cps |
| Cadmium | 108-1 | 190 | 217 | 157 | 188 | 16.01 | cps |
| Cadmium | 106-1 | 3764 | 3831 | 3644 | 3746 | 2.53 | cps |
| Cadmium | 111-1 | 3098 | 3123 | 3144 | 3122 | 0.74 | cps |
| Calcium | 43-1 | 526465 | 531357 | 522853 | 526892 | 0.81 | cps |
| Calcium | 44-1 | 8050754 | 8173758 | 8083741 | 8102751 | 0.79 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 476900 | 478541 | 473597 | 476346 | 0.53 | cps |
| Cobalt | 59-2 | 271721 | 271006 | 270277 | 271002 | 0.27 | cps |
| Copper | 63-2 | 572810 | 571717 | 566720 | 570415 | 0.57 | cps |
| Dysprosium | 156-1 | 48420 | 47570 | 47918 | 47969 | 0.89 | cps |
| Dysprosium | 156-2 | 42370 | 41919 | 41615 | 41968 | 0.91 | cps |
| Erbium | 164-1 | 40218 | 39409 | 39823 | 39817 | 1.02 | cps |
| Erbium | 164-2 | 27858 | 28746 | 28259 | 28288 | 1.57 | cps |
| Gadolinium | 160-1 | 42581 | 42835 | 42956 | 42791 | 0.45 | cps |
| Gadolinium | 160-2 | 32337 | 32447 | 32284 | 32356 | 0.26 | cps |
| Holmium | 165-1 | 14758784 | 14531781 | 14433321 | 14574629 | 1.15 | cps |
| Holmium | 165-2 | 10582500 | 10504151 | 10422028 | 10502893 | 0.76 | cps |
| Indium | 115-1 | 12222808 | 11976353 | 11923274 | 12040811 | 1.33 | cps |
| Indium | 115-2 | 4425587 | 4403607 | 4357541 | 4395578 | 0.79 | cps |
| Iron | 56-2 | 324489595 | 324858068 | 323996575 | 324448080 | 0.13 | cps |
| Iron | 57-2 | 7976777 | 7955402 | 7897209 | 7943129 | 0.52 | cps |
| Iron | 54-2 | 17636963 | 17428225 | 17407216 | 17490802 | 0.73 | cps |
| Krypton | 83-1 | 300 | 263 | 290 | 284 | 6.66 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5191-13A | Instrumnet Name : | P7 |
| Client Sample ID : | MYD033ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:04:49 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 191619 | 193702 | 192745 | 192689 | 0.54 | cps |
| Lead | 207-1 | 138737 | 138339 | 136481 | 137852 | 0.87 | cps |
| Lead | 208-1 | 671472 | 673351 | 664982 | 669935 | 0.66 | cps |
| Lithium | 6-1 | 1795956 | 1797616 | 1850854 | 1814809 | 1.72 | cps |
| Magnesium | 24-2 | 11016233 | 10937999 | 10906364 | 10953532 | 0.52 | cps |
| Manganese | 55-2 | 4517411 | 4495774 | 4512211 | 4508465 | 0.25 | cps |
| Molybdenum | 94-1 | 50353 | 52002 | 50654 | 51003 | 1.72 | cps |
| Molybdenum | 95-1 | 3050 | 3034 | 2920 | 3001 | 2.36 | cps |
| Molybdenum | 96-1 | 14924 | 14971 | 15058 | 14984 | 0.45 | cps |
| Molybdenum | 97-1 | 1887 | 1843 | 1910 | 1880 | 1.80 | cps |
| Molybdenum | 98-1 | 4554 | 4841 | 4854 | 4750 | 3.57 | cps |
| Neodymium | 150-1 | 86279 | 88854 | 87932 | 87688 | 1.49 | cps |
| Neodymium | 150-2 | 53106 | 53357 | 54106 | 53523 | 0.97 | cps |
| Nickel | 60-2 | 135956 | 134699 | 135142 | 135265 | 0.47 | cps |
| Phosphorus | 31-2 | 25168 | 25064 | 24436 | 24889 | 1.59 | cps |
| Potassium | 39-2 | 1420294 | 1414512 | 1417684 | 1417497 | 0.20 | cps |
| Rhodium | 103-1 | 11042332 | 10898550 | 10938062 | 10959648 | 0.68 | cps |
| Rhodium | 103-2 | 6572813 | 6587674 | 6541478 | 6567321 | 0.36 | cps |
| Scandium | 45-1 | 6820277 | 6734161 | 6708306 | 6754248 | 0.87 | cps |
| Scandium | 45-2 | 582286 | 578884 | 576847 | 579339 | 0.47 | cps |
| Selenium | 82-1 | 149 | 222 | 112 | 161 | 34.51 | cps |
| Selenium | 77-2 | 93 | 150 | 90 | 111 | 30.35 | cps |
| Selenium | 78-2 | 640 | 533 | 660 | 611 | 11.14 | cps |
| Silicon | 28-1 | 21673446 | 21853428 | 21824709 | 21783861 | 0.44 | cps |
| Silver | 107-1 | 1123 | 980 | 963 | 1022 | 8.61 | cps |
| Silver | 109-1 | 847 | 823 | 877 | 849 | 3.15 | cps |
| Sodium | 23-2 | 236205 | 234168 | 234496 | 234956 | 0.47 | cps |
| Strontium | 86-1 | 297307 | 297189 | 298385 | 297627 | 0.22 | cps |
| Strontium | 88-1 | 2627233 | 2681500 | 2683815 | 2664183 | 1.20 | cps |
| Sulfur | 34-1 | 168318 | 169451 | 169852 | 169207 | 0.47 | cps |
| Terbium | 159-1 | 15341935 | 15005039 | 15182688 | 15176554 | 1.11 | cps |
| Terbium | 159-2 | 10547567 | 10416897 | 10232564 | 10399009 | 1.52 | cps |
| Thallium | 203-1 | 1510 | 1363 | 1403 | 1426 | 5.32 | cps |
| Thallium | 205-1 | 3230 | 3234 | 3180 | 3215 | 0.93 | cps |
| Tin | 118-1 | 6745 | 6672 | 6692 | 6703 | 0.57 | cps |
| Titanium | 47-1 | 2803975 | 2796041 | 2783629 | 2794548 | 0.37 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5191-13A | Instrumnet Name : | P7 |
| Client Sample ID : | MYD033ARE | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:04:49 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 57838 | 57423 | 56921 | 57394 | 0.80 | cps |
| Vanadium | 51-2 | 560149 | 558313 | 552288 | 556917 | 0.74 | cps |
| Yttrium | 89-1 | 14792288 | 14599729 | 14864212 | 14752076 | 0.93 | cps |
| Yttrium | 89-2 | 3944627 | 3893211 | 3892787 | 3910209 | 0.76 | cps |
| Zinc | 66-2 | 173157 | 173471 | 172385 | 173005 | 0.32 | cps |
| Zirconium | 90-1 | 132756 | 134862 | 134167 | 133928 | 0.80 | cps |
| Zirconium | 91-1 | 29680 | 29917 | 29807 | 29801 | 0.40 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:08:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2560347 | 2555036 | 2586453 | 2567279 | 0.66 | cps |
| Antimony | 121-1 | 3878478 | 3956297 | 3920065 | 3918280 | 0.99 | cps |
| Arsenic | 75-2 | 537416 | 533468 | 540626 | 537170 | 0.67 | cps |
| Barium | 135-1 | 406138 | 408959 | 408067 | 407721 | 0.35 | cps |
| Barium | 137-1 | 700487 | 707406 | 708931 | 705608 | 0.64 | cps |
| Beryllium | 9-1 | 583 | 620 | 607 | 603 | 3.08 | cps |
| Bismuth | 209-1 | 8917921 | 8741831 | 8807805 | 8822519 | 1.01 | cps |
| Bismuth | 209-2 | 7541790 | 7476856 | 7501831 | 7506826 | 0.44 | cps |
| Bromine | 81-1 | 37955 | 40953 | 41936 | 40282 | 5.15 | cps |
| Bromine | 81-2 | 5564 | 5491 | 5428 | 5494 | 1.25 | cps |
| Cadmium | 108-1 | 657 | 677 | 727 | 687 | 5.25 | cps |
| Cadmium | 106-1 | 4494 | 4354 | 4197 | 4348 | 3.41 | cps |
| Cadmium | 111-1 | 7067 | 7268 | 7127 | 7154 | 1.45 | cps |
| Calcium | 43-1 | 253032 | 256849 | 257717 | 255866 | 0.97 | cps |
| Calcium | 44-1 | 3894721 | 4004649 | 3912795 | 3937388 | 1.50 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 117013 | 117459 | 117570 | 117347 | 0.25 | cps |
| Cobalt | 59-2 | 688184 | 685995 | 688463 | 687548 | 0.20 | cps |
| Copper | 63-2 | 3155521 | 3127503 | 3130727 | 3137917 | 0.49 | cps |
| Dysprosium | 156-1 | 16834 | 16480 | 16577 | 16630 | 1.10 | cps |
| Dysprosium | 156-2 | 13507 | 13820 | 13610 | 13646 | 1.17 | cps |
| Erbium | 164-1 | 15489 | 16193 | 16126 | 15936 | 2.44 | cps |
| Erbium | 164-2 | 11368 | 11585 | 11391 | 11448 | 1.04 | cps |
| Gadolinium | 160-1 | 16413 | 16917 | 16290 | 16540 | 2.01 | cps |
| Gadolinium | 160-2 | 12689 | 12849 | 12809 | 12783 | 0.65 | cps |
| Holmium | 165-1 | 15059389 | 14582604 | 14691663 | 14777885 | 1.69 | cps |
| Holmium | 165-2 | 10506858 | 10473975 | 10530516 | 10503783 | 0.27 | cps |
| Indium | 115-1 | 12953796 | 12606945 | 12612817 | 12724519 | 1.56 | cps |
| Indium | 115-2 | 4713839 | 4668218 | 4640108 | 4674055 | 0.80 | cps |
| Iron | 56-2 | 251037183 | 251758183 | 251435163 | 251410176 | 0.14 | cps |
| Iron | 57-2 | 6182132 | 6066514 | 6119830 | 6122825 | 0.95 | cps |
| Iron | 54-2 | 13520097 | 13511076 | 13700630 | 13577268 | 0.79 | cps |
| Krypton | 83-1 | 197 | 307 | 310 | 271 | 23.79 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:08:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7837803 | 7915114 | 7961675 | 7904864 | 0.79 | cps |
| Lead | 207-1 | 7190132 | 7122446 | 7149604 | 7154061 | 0.48 | cps |
| Lead | 208-1 | 32198129 | 32182874 | 32407016 | 32262673 | 0.39 | cps |
| Lithium | 6-1 | 1856640 | 1786367 | 1781824 | 1808277 | 2.32 | cps |
| Magnesium | 24-2 | 2465612 | 2485288 | 2472001 | 2474300 | 0.41 | cps |
| Manganese | 55-2 | 1517895 | 1481350 | 1508919 | 1502721 | 1.27 | cps |
| Molybdenum | 94-1 | 88904 | 92181 | 90826 | 90637 | 1.82 | cps |
| Molybdenum | 95-1 | 72729 | 73721 | 72304 | 72918 | 1.00 | cps |
| Molybdenum | 96-1 | 88922 | 89988 | 89002 | 89304 | 0.66 | cps |
| Molybdenum | 97-1 | 45383 | 46447 | 45955 | 45929 | 1.16 | cps |
| Molybdenum | 98-1 | 116164 | 118244 | 117044 | 117151 | 0.89 | cps |
| Neodymium | 150-1 | 25851 | 25894 | 25066 | 25603 | 1.82 | cps |
| Neodymium | 150-2 | 15382 | 15552 | 15212 | 15382 | 1.11 | cps |
| Nickel | 60-2 | 50528 | 49411 | 50210 | 50050 | 1.15 | cps |
| Phosphorus | 31-2 | 9940 | 10007 | 9857 | 9934 | 0.76 | cps |
| Potassium | 39-2 | 1333151 | 1351130 | 1366437 | 1350239 | 1.23 | cps |
| Rhodium | 103-1 | 11261557 | 11123775 | 11133653 | 11172995 | 0.69 | cps |
| Rhodium | 103-2 | 6768721 | 6659187 | 6842234 | 6756714 | 1.36 | cps |
| Scandium | 45-1 | 6847324 | 6698524 | 6812794 | 6786214 | 1.15 | cps |
| Scandium | 45-2 | 577296 | 583361 | 590253 | 583637 | 1.11 | cps |
| Selenium | 82-1 | 391 | 250 | 233 | 291 | 29.72 | cps |
| Selenium | 77-2 | 53 | 97 | 63 | 71 | 31.91 | cps |
| Selenium | 78-2 | 547 | 523 | 687 | 586 | 15.09 | cps |
| Silicon | 28-1 | 18536559 | 18609725 | 18877445 | 18674577 | 0.96 | cps |
| Silver | 107-1 | 24017 | 25255 | 24537 | 24603 | 2.53 | cps |
| Silver | 109-1 | 23169 | 24227 | 23359 | 23585 | 2.39 | cps |
| Sodium | 23-2 | 4938664 | 4954928 | 4997211 | 4963601 | 0.61 | cps |
| Strontium | 86-1 | 256450 | 262280 | 261730 | 260153 | 1.24 | cps |
| Strontium | 88-1 | 2324008 | 2337361 | 2312467 | 2324612 | 0.54 | cps |
| Sulfur | 34-1 | 240396 | 242968 | 239518 | 240961 | 0.74 | cps |
| Terbium | 159-1 | 15435764 | 14969963 | 15024773 | 15143500 | 1.68 | cps |
| Terbium | 159-2 | 10346315 | 10466638 | 10469079 | 10427344 | 0.67 | cps |
| Thallium | 203-1 | 4804 | 5184 | 4844 | 4944 | 4.22 | cps |
| Thallium | 205-1 | 11575 | 11445 | 11765 | 11595 | 1.39 | cps |
| Tin | 118-1 | 1094507 | 1105277 | 1099396 | 1099727 | 0.49 | cps |
| Titanium | 47-1 | 623622 | 631042 | 632089 | 628918 | 0.73 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:08:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43474 | 44143 | 43825 | 43814 | 0.76 | cps |
| Vanadium | 51-2 | 141468 | 140220 | 141330 | 141006 | 0.49 | cps |
| Yttrium | 89-1 | 14688086 | 14296088 | 14412924 | 14465699 | 1.39 | cps |
| Yttrium | 89-2 | 3844370 | 3879843 | 3882582 | 3868932 | 0.55 | cps |
| Zinc | 66-2 | 3643429 | 3588857 | 3676804 | 3636364 | 1.22 | cps |
| Zirconium | 90-1 | 132045 | 133278 | 131778 | 132367 | 0.60 | cps |
| Zirconium | 91-1 | 30164 | 30559 | 30642 | 30455 | 0.84 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:11:01 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2593521 | 2598723 | 2531967 | 2574737 | 1.44 | cps |
| Antimony | 121-1 | 3929628 | 3951943 | 3917005 | 3932859 | 0.45 | cps |
| Arsenic | 75-2 | 541268 | 538764 | 537546 | 539193 | 0.35 | cps |
| Barium | 135-1 | 404597 | 411213 | 408666 | 408159 | 0.82 | cps |
| Barium | 137-1 | 696850 | 710341 | 704566 | 703919 | 0.96 | cps |
| Beryllium | 9-1 | 613 | 583 | 600 | 599 | 2.51 | cps |
| Bismuth | 209-1 | 8803975 | 8806598 | 8697418 | 8769330 | 0.71 | cps |
| Bismuth | 209-2 | 7606120 | 7513403 | 7517482 | 7545668 | 0.69 | cps |
| Bromine | 81-1 | 38928 | 41401 | 42364 | 40898 | 4.33 | cps |
| Bromine | 81-2 | 5581 | 5484 | 5598 | 5554 | 1.10 | cps |
| Cadmium | 108-1 | 650 | 613 | 740 | 668 | 9.76 | cps |
| Cadmium | 106-1 | 4487 | 4491 | 4467 | 4482 | 0.28 | cps |
| Cadmium | 111-1 | 7174 | 7352 | 7123 | 7216 | 1.66 | cps |
| Calcium | 43-1 | 255523 | 255575 | 257320 | 256140 | 0.40 | cps |
| Calcium | 44-1 | 3924547 | 3938014 | 3923466 | 3928676 | 0.21 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 119932 | 118991 | 118081 | 119001 | 0.78 | cps |
| Cobalt | 59-2 | 695983 | 691723 | 689134 | 692280 | 0.50 | cps |
| Copper | 63-2 | 3172632 | 3164860 | 3192721 | 3176738 | 0.45 | cps |
| Dysprosium | 156-1 | 16493 | 16740 | 16540 | 16591 | 0.79 | cps |
| Dysprosium | 156-2 | 13633 | 13477 | 13440 | 13517 | 0.76 | cps |
| Erbium | 164-1 | 15882 | 15926 | 16400 | 16069 | 1.79 | cps |
| Erbium | 164-2 | 11064 | 11602 | 11308 | 11325 | 2.37 | cps |
| Gadolinium | 160-1 | 15956 | 16744 | 16737 | 16479 | 2.75 | cps |
| Gadolinium | 160-2 | 12733 | 12586 | 12582 | 12634 | 0.68 | cps |
| Holmium | 165-1 | 14659123 | 14737262 | 14595071 | 14663819 | 0.49 | cps |
| Holmium | 165-2 | 10577582 | 10547081 | 10524968 | 10549877 | 0.25 | cps |
| Indium | 115-1 | 12849676 | 12887055 | 12687193 | 12807975 | 0.83 | cps |
| Indium | 115-2 | 4757359 | 4686492 | 4651847 | 4698566 | 1.14 | cps |
| Iron | 56-2 | 254954210 | 256462943 | 250919363 | 254112172 | 1.13 | cps |
| Iron | 57-2 | 6187944 | 6240923 | 6155328 | 6194731 | 0.70 | cps |
| Iron | 54-2 | 13787238 | 13706533 | 13509631 | 13667800 | 1.04 | cps |
| Krypton | 83-1 | 217 | 343 | 220 | 260 | 27.77 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:11:01 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7751427 | 7933308 | 7838451 | 7841062 | 1.16 | cps |
| Lead | 207-1 | 7101604 | 7109559 | 7199136 | 7136766 | 0.76 | cps |
| Lead | 208-1 | 31698861 | 32247966 | 32237819 | 32061549 | 0.98 | cps |
| Lithium | 6-1 | 1808877 | 1782692 | 1801205 | 1797591 | 0.75 | cps |
| Magnesium | 24-2 | 2465287 | 2468865 | 2482711 | 2472288 | 0.37 | cps |
| Manganese | 55-2 | 1540243 | 1522870 | 1498059 | 1520391 | 1.39 | cps |
| Molybdenum | 94-1 | 89726 | 91101 | 90718 | 90515 | 0.78 | cps |
| Molybdenum | 95-1 | 72559 | 73825 | 73376 | 73253 | 0.88 | cps |
| Molybdenum | 96-1 | 89367 | 90182 | 89693 | 89747 | 0.46 | cps |
| Molybdenum | 97-1 | 45527 | 46166 | 45577 | 45757 | 0.78 | cps |
| Molybdenum | 98-1 | 117000 | 119440 | 118512 | 118317 | 1.04 | cps |
| Neodymium | 150-1 | 25410 | 26021 | 25383 | 25604 | 1.41 | cps |
| Neodymium | 150-2 | 15519 | 15479 | 15472 | 15490 | 0.16 | cps |
| Nickel | 60-2 | 49970 | 50314 | 50993 | 50426 | 1.03 | cps |
| Phosphorus | 31-2 | 10304 | 10254 | 10460 | 10339 | 1.04 | cps |
| Potassium | 39-2 | 1342382 | 1372930 | 1377667 | 1364327 | 1.40 | cps |
| Rhodium | 103-1 | 11278821 | 11233695 | 11221817 | 11244777 | 0.27 | cps |
| Rhodium | 103-2 | 6781178 | 6791897 | 6692558 | 6755211 | 0.81 | cps |
| Scandium | 45-1 | 6895000 | 6786994 | 6768061 | 6816685 | 1.00 | cps |
| Scandium | 45-2 | 593237 | 589374 | 582450 | 588354 | 0.93 | cps |
| Selenium | 82-1 | 354 | 186 | 353 | 298 | 32.39 | cps |
| Selenium | 77-2 | 53 | 43 | 50 | 49 | 10.42 | cps |
| Selenium | 78-2 | 543 | 643 | 550 | 579 | 9.66 | cps |
| Silicon | 28-1 | 18593820 | 18901216 | 19059853 | 18851630 | 1.26 | cps |
| Silver | 107-1 | 23773 | 24938 | 24347 | 24353 | 2.39 | cps |
| Silver | 109-1 | 22858 | 23162 | 23683 | 23234 | 1.79 | cps |
| Sodium | 23-2 | 5040325 | 4974903 | 4987822 | 5001017 | 0.69 | cps |
| Strontium | 86-1 | 257804 | 259770 | 263250 | 260275 | 1.06 | cps |
| Strontium | 88-1 | 2319026 | 2352308 | 2356250 | 2342528 | 0.87 | cps |
| Sulfur | 34-1 | 233660 | 236361 | 237710 | 235910 | 0.87 | cps |
| Terbium | 159-1 | 15317976 | 15082005 | 15088803 | 15162928 | 0.89 | cps |
| Terbium | 159-2 | 10581046 | 10434510 | 10387812 | 10467789 | 0.96 | cps |
| Thallium | 203-1 | 4421 | 4474 | 4477 | 4457 | 0.71 | cps |
| Thallium | 205-1 | 10311 | 10294 | 10911 | 10505 | 3.35 | cps |
| Tin | 118-1 | 1092007 | 1102039 | 1102787 | 1098944 | 0.55 | cps |
| Titanium | 47-1 | 624405 | 633984 | 632159 | 630183 | 0.81 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:11:01 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43099 | 43461 | 43447 | 43336 | 0.47 | cps |
| Vanadium | 51-2 | 143857 | 142084 | 140924 | 142289 | 1.04 | cps |
| Yttrium | 89-1 | 14757189 | 14529336 | 14632267 | 14639598 | 0.78 | cps |
| Yttrium | 89-2 | 3962283 | 3855130 | 3821873 | 3879762 | 1.89 | cps |
| Zinc | 66-2 | 3660237 | 3653252 | 3696382 | 3669957 | 0.63 | cps |
| Zirconium | 90-1 | 131859 | 133998 | 132639 | 132832 | 0.81 | cps |
| Zirconium | 91-1 | 29830 | 30144 | 30448 | 30141 | 1.03 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 14:14:03 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 501982 | 498915 | 497809 | 499569 | 0.43 | cps |
| Antimony | 121-1 | 730553 | 733916 | 734166 | 732878 | 0.28 | cps |
| Arsenic | 75-2 | 107724 | 107895 | 107193 | 107604 | 0.34 | cps |
| Barium | 135-1 | 80536 | 81823 | 80583 | 80981 | 0.90 | cps |
| Barium | 137-1 | 137830 | 139149 | 139290 | 138756 | 0.58 | cps |
| Beryllium | 9-1 | 210 | 213 | 163 | 196 | 14.29 | cps |
| Bismuth | 209-1 | 8749510 | 8576646 | 8548924 | 8625027 | 1.26 | cps |
| Bismuth | 209-2 | 7363868 | 7222950 | 7307572 | 7298130 | 0.97 | cps |
| Bromine | 81-1 | 20685 | 21015 | 20645 | 20781 | 0.98 | cps |
| Bromine | 81-2 | 1300 | 1430 | 1297 | 1342 | 5.66 | cps |
| Cadmium | 108-1 | 157 | 193 | 167 | 172 | 11.01 | cps |
| Cadmium | 106-1 | 3594 | 3177 | 3244 | 3338 | 6.71 | cps |
| Cadmium | 111-1 | 3346 | 3095 | 2941 | 3127 | 6.54 | cps |
| Calcium | 43-1 | 50430 | 50888 | 51072 | 50797 | 0.65 | cps |
| Calcium | 44-1 | 821535 | 823339 | 823760 | 822878 | 0.14 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 24737 | 24009 | 24811 | 24519 | 1.81 | cps |
| Cobalt | 59-2 | 136352 | 137073 | 138829 | 137418 | 0.93 | cps |
| Copper | 63-2 | 604550 | 603172 | 607917 | 605213 | 0.40 | cps |
| Dysprosium | 156-1 | 3324 | 3310 | 3284 | 3306 | 0.62 | cps |
| Dysprosium | 156-2 | 2580 | 2647 | 2750 | 2659 | 3.22 | cps |
| Erbium | 164-1 | 3087 | 3360 | 2974 | 3140 | 6.33 | cps |
| Erbium | 164-2 | 2257 | 2310 | 2457 | 2341 | 4.42 | cps |
| Gadolinium | 160-1 | 3300 | 3367 | 3217 | 3295 | 2.28 | cps |
| Gadolinium | 160-2 | 3050 | 2870 | 3137 | 3019 | 4.51 | cps |
| Holmium | 165-1 | 14542610 | 14497221 | 14226964 | 14422265 | 1.18 | cps |
| Holmium | 165-2 | 10451900 | 10239347 | 10243770 | 10311672 | 1.18 | cps |
| Indium | 115-1 | 12402343 | 11986683 | 12149462 | 12179496 | 1.72 | cps |
| Indium | 115-2 | 4406360 | 4417734 | 4443251 | 4422448 | 0.43 | cps |
| Iron | 56-2 | 49538326 | 49813679 | 49809606 | 49720537 | 0.32 | cps |
| Iron | 57-2 | 1239622 | 1248599 | 1238891 | 1242371 | 0.44 | cps |
| Iron | 54-2 | 2689202 | 2683999 | 2712615 | 2695272 | 0.57 | cps |
| Krypton | 83-1 | 157 | 227 | 260 | 214 | 24.59 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 14:14:03 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1450917 | 1441686 | 1444774 | 1445792 | 0.32 | cps |
| Lead | 207-1 | 1276732 | 1281357 | 1284763 | 1280951 | 0.31 | cps |
| Lead | 208-1 | 6094078 | 6104324 | 6158132 | 6118845 | 0.56 | cps |
| Lithium | 6-1 | 1805748 | 1782713 | 1755242 | 1781235 | 1.42 | cps |
| Magnesium | 24-2 | 480999 | 483034 | 477764 | 480599 | 0.55 | cps |
| Manganese | 55-2 | 293446 | 291816 | 289272 | 291511 | 0.72 | cps |
| Molybdenum | 94-1 | 18195 | 18004 | 18075 | 18091 | 0.53 | cps |
| Molybdenum | 95-1 | 14974 | 14674 | 14818 | 14822 | 1.01 | cps |
| Molybdenum | 96-1 | 17694 | 18211 | 17828 | 17911 | 1.50 | cps |
| Molybdenum | 97-1 | 9120 | 8853 | 9010 | 8994 | 1.49 | cps |
| Molybdenum | 98-1 | 23519 | 23763 | 22951 | 23411 | 1.78 | cps |
| Neodymium | 150-1 | 4891 | 4968 | 5018 | 4959 | 1.29 | cps |
| Neodymium | 150-2 | 3037 | 3060 | 3027 | 3041 | 0.56 | cps |
| Nickel | 60-2 | 10550 | 10540 | 10154 | 10415 | 2.17 | cps |
| Phosphorus | 31-2 | 2104 | 2027 | 2114 | 2081 | 2.28 | cps |
| Potassium | 39-2 | 318314 | 317722 | 320638 | 318891 | 0.48 | cps |
| Rhodium | 103-1 | 11249520 | 11119705 | 11040034 | 11136420 | 0.95 | cps |
| Rhodium | 103-2 | 6756246 | 6683978 | 6664767 | 6701664 | 0.72 | cps |
| Scandium | 45-1 | 6747433 | 6616177 | 6571487 | 6645032 | 1.38 | cps |
| Scandium | 45-2 | 570190 | 570880 | 575085 | 572052 | 0.46 | cps |
| Selenium | 82-1 | 245 | 139 | 121 | 168 | 39.60 | cps |
| Selenium | 77-2 | 23 | 30 | 13 | 22 | 37.76 | cps |
| Selenium | 78-2 | 503 | 507 | 457 | 489 | 5.72 | cps |
| Silicon | 28-1 | 4381935 | 4397160 | 4437196 | 4405430 | 0.65 | cps |
| Silver | 107-1 | 4737 | 4994 | 5068 | 4933 | 3.51 | cps |
| Silver | 109-1 | 4801 | 4644 | 4461 | 4635 | 3.67 | cps |
| Sodium | 23-2 | 994117 | 989453 | 982132 | 988568 | 0.61 | cps |
| Strontium | 86-1 | 51547 | 51630 | 51918 | 51698 | 0.38 | cps |
| Strontium | 88-1 | 446098 | 445377 | 445667 | 445714 | 0.08 | cps |
| Sulfur | 34-1 | 166816 | 167203 | 167399 | 167139 | 0.18 | cps |
| Terbium | 159-1 | 15159743 | 14723064 | 14682881 | 14855230 | 1.78 | cps |
| Terbium | 159-2 | 10306019 | 10210557 | 10208698 | 10241758 | 0.54 | cps |
| Thallium | 203-1 | 1257 | 1253 | 1253 | 1255 | 0.15 | cps |
| Thallium | 205-1 | 3054 | 2810 | 2874 | 2913 | 4.34 | cps |
| Tin | 118-1 | 219713 | 221053 | 219808 | 220191 | 0.34 | cps |
| Titanium | 47-1 | 123720 | 124080 | 124933 | 124244 | 0.50 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-01LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 14:14:03 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8576 | 8416 | 8519 | 8504 | 0.95 | cps |
| Vanadium | 51-2 | 28016 | 28046 | 28066 | 28043 | 0.09 | cps |
| Yttrium | 89-1 | 14307613 | 14091188 | 14052878 | 14150560 | 0.97 | cps |
| Yttrium | 89-2 | 3714394 | 3736924 | 3732441 | 3727920 | 0.32 | cps |
| Zinc | 66-2 | 700605 | 700756 | 701177 | 700846 | 0.04 | cps |
| Zirconium | 90-1 | 26220 | 26330 | 26788 | 26446 | 1.14 | cps |
| Zirconium | 91-1 | 6035 | 6325 | 5955 | 6105 | 3.19 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:17:18 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2666050 | 2656763 | 2632496 | 2651770 | 0.65 | cps |
| Antimony | 121-1 | 4101460 | 4125050 | 4108600 | 4111703 | 0.29 | cps |
| Arsenic | 75-2 | 552772 | 546378 | 550425 | 549858 | 0.59 | cps |
| Barium | 135-1 | 1091257 | 1106637 | 1104469 | 1100788 | 0.76 | cps |
| Barium | 137-1 | 1995058 | 2011413 | 1985302 | 1997258 | 0.66 | cps |
| Beryllium | 9-1 | 8873 | 8959 | 9169 | 9000 | 1.70 | cps |
| Bismuth | 209-1 | 8740520 | 8792404 | 8623140 | 8718688 | 0.99 | cps |
| Bismuth | 209-2 | 7579918 | 7507034 | 7542394 | 7543115 | 0.48 | cps |
| Bromine | 81-1 | 38470 | 40913 | 41017 | 40133 | 3.59 | cps |
| Bromine | 81-2 | 5401 | 5474 | 5614 | 5497 | 1.97 | cps |
| Cadmium | 108-1 | 1943 | 1980 | 1880 | 1935 | 2.62 | cps |
| Cadmium | 106-1 | 5958 | 5981 | 5881 | 5940 | 0.88 | cps |
| Cadmium | 111-1 | 25251 | 25278 | 25428 | 25319 | 0.38 | cps |
| Calcium | 43-1 | 256343 | 262198 | 260561 | 259701 | 1.16 | cps |
| Calcium | 44-1 | 3925222 | 3966097 | 3931625 | 3940982 | 0.56 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 238194 | 232620 | 235236 | 235350 | 1.18 | cps |
| Cobalt | 59-2 | 1154621 | 1151564 | 1151236 | 1152473 | 0.16 | cps |
| Copper | 63-2 | 3346784 | 3333403 | 3323611 | 3334599 | 0.35 | cps |
| Dysprosium | 156-1 | 16533 | 16950 | 16950 | 16811 | 1.43 | cps |
| Dysprosium | 156-2 | 13467 | 14020 | 13864 | 13784 | 2.07 | cps |
| Erbium | 164-1 | 16206 | 16093 | 16209 | 16169 | 0.41 | cps |
| Erbium | 164-2 | 11735 | 11872 | 11658 | 11755 | 0.92 | cps |
| Gadolinium | 160-1 | 16383 | 16914 | 16774 | 16690 | 1.65 | cps |
| Gadolinium | 160-2 | 12779 | 13123 | 12696 | 12866 | 1.76 | cps |
| Holmium | 165-1 | 14474154 | 14461135 | 14330915 | 14422068 | 0.55 | cps |
| Holmium | 165-2 | 10514350 | 10548282 | 10509451 | 10524028 | 0.20 | cps |
| Indium | 115-1 | 12387708 | 12621573 | 12593556 | 12534279 | 1.02 | cps |
| Indium | 115-2 | 4619336 | 4620241 | 4642169 | 4627249 | 0.28 | cps |
| Iron | 56-2 | 258303489 | 255140990 | 254481736 | 255975405 | 0.80 | cps |
| Iron | 57-2 | 6318635 | 6211221 | 6293334 | 6274397 | 0.89 | cps |
| Iron | 54-2 | 13846659 | 13805676 | 13985995 | 13879443 | 0.68 | cps |
| Krypton | 83-1 | 237 | 293 | 297 | 276 | 12.24 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:17:18 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7817541 | 7912649 | 7813426 | 7847872 | 0.72 | cps |
| Lead | 207-1 | 7178651 | 7221929 | 7257608 | 7219396 | 0.55 | cps |
| Lead | 208-1 | 32362032 | 32687312 | 32419620 | 32489655 | 0.53 | cps |
| Lithium | 6-1 | 1796909 | 1770285 | 1793577 | 1786924 | 0.81 | cps |
| Magnesium | 24-2 | 2525615 | 2482984 | 2448370 | 2485656 | 1.56 | cps |
| Manganese | 55-2 | 1759821 | 1737438 | 1736840 | 1744700 | 0.75 | cps |
| Molybdenum | 94-1 | 89958 | 92084 | 90594 | 90878 | 1.20 | cps |
| Molybdenum | 95-1 | 73423 | 74023 | 75188 | 74211 | 1.21 | cps |
| Molybdenum | 96-1 | 90219 | 89505 | 91165 | 90296 | 0.92 | cps |
| Molybdenum | 97-1 | 46300 | 46293 | 46798 | 46464 | 0.62 | cps |
| Molybdenum | 98-1 | 118408 | 118939 | 121903 | 119750 | 1.57 | cps |
| Neodymium | 150-1 | 25266 | 25613 | 25153 | 25344 | 0.95 | cps |
| Neodymium | 150-2 | 15782 | 15599 | 15776 | 15719 | 0.66 | cps |
| Nickel | 60-2 | 165977 | 166749 | 164760 | 165829 | 0.60 | cps |
| Phosphorus | 31-2 | 10237 | 10067 | 10414 | 10239 | 1.69 | cps |
| Potassium | 39-2 | 1385633 | 1365945 | 1376428 | 1376002 | 0.72 | cps |
| Rhodium | 103-1 | 11095704 | 11080211 | 11081018 | 11085644 | 0.08 | cps |
| Rhodium | 103-2 | 6850463 | 6679539 | 6725051 | 6751684 | 1.31 | cps |
| Scandium | 45-1 | 6581437 | 6714416 | 6603635 | 6633162 | 1.07 | cps |
| Scandium | 45-2 | 588931 | 581404 | 582192 | 584176 | 0.71 | cps |
| Selenium | 82-1 | 2604 | 2656 | 2543 | 2601 | 2.18 | cps |
| Selenium | 77-2 | 317 | 293 | 317 | 309 | 4.36 | cps |
| Selenium | 78-2 | 1440 | 1330 | 1387 | 1386 | 3.97 | cps |
| Silicon | 28-1 | 18582781 | 19058840 | 18914815 | 18852146 | 1.30 | cps |
| Silver | 107-1 | 112979 | 112986 | 114080 | 113348 | 0.56 | cps |
| Silver | 109-1 | 108344 | 107955 | 108871 | 108390 | 0.42 | cps |
| Sodium | 23-2 | 5053804 | 5002486 | 5007028 | 5021106 | 0.57 | cps |
| Strontium | 86-1 | 260405 | 263319 | 266382 | 263369 | 1.13 | cps |
| Strontium | 88-1 | 2324161 | 2355093 | 2368462 | 2349239 | 0.97 | cps |
| Sulfur | 34-1 | 230996 | 230458 | 227796 | 229750 | 0.75 | cps |
| Terbium | 159-1 | 14959560 | 14888828 | 14749296 | 14865894 | 0.72 | cps |
| Terbium | 159-2 | 10596143 | 10435468 | 10403246 | 10478286 | 0.99 | cps |
| Thallium | 203-1 | 65212 | 65379 | 65252 | 65281 | 0.13 | cps |
| Thallium | 205-1 | 152190 | 155548 | 154547 | 154095 | 1.12 | cps |
| Tin | 118-1 | 1104549 | 1118151 | 1110656 | 1111118 | 0.61 | cps |
| Titanium | 47-1 | 625387 | 639044 | 635018 | 633150 | 1.11 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKD0S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:17:18 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43113 | 44267 | 44006 | 43795 | 1.38 | cps |
| Vanadium | 51-2 | 397698 | 392417 | 396399 | 395505 | 0.70 | cps |
| Yttrium | 89-1 | 14311591 | 14352541 | 14439039 | 14367724 | 0.45 | cps |
| Yttrium | 89-2 | 3831769 | 3792905 | 3839154 | 3821276 | 0.65 | cps |
| Zinc | 66-2 | 3675583 | 3711092 | 3726748 | 3704474 | 0.71 | cps |
| Zirconium | 90-1 | 130719 | 133954 | 133224 | 132632 | 1.28 | cps |
| Zirconium | 91-1 | 30131 | 30836 | 30525 | 30497 | 1.16 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLH6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:20:22 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2386473 | 2426482 | 2396918 | 2403291 | 0.86 | cps |
| Antimony | 121-1 | 4073699 | 4110841 | 4103336 | 4095959 | 0.48 | cps |
| Arsenic | 75-2 | 519936 | 521101 | 516530 | 519189 | 0.46 | cps |
| Barium | 135-1 | 384903 | 387219 | 385837 | 385986 | 0.30 | cps |
| Barium | 137-1 | 664776 | 668950 | 674045 | 669257 | 0.69 | cps |
| Beryllium | 9-1 | 687 | 587 | 560 | 611 | 10.93 | cps |
| Bismuth | 209-1 | 8691611 | 8791759 | 8651840 | 8711737 | 0.83 | cps |
| Bismuth | 209-2 | 7458334 | 7493465 | 7423890 | 7458563 | 0.47 | cps |
| Bromine | 81-1 | 34053 | 36244 | 36131 | 35476 | 3.48 | cps |
| Bromine | 81-2 | 4694 | 4454 | 4364 | 4504 | 3.79 | cps |
| Cadmium | 108-1 | 723 | 593 | 637 | 651 | 10.17 | cps |
| Cadmium | 106-1 | 4391 | 4354 | 4117 | 4287 | 3.46 | cps |
| Cadmium | 111-1 | 6621 | 6840 | 6290 | 6584 | 4.20 | cps |
| Calcium | 43-1 | 308870 | 311961 | 308338 | 309723 | 0.63 | cps |
| Calcium | 44-1 | 4717790 | 4731906 | 4770944 | 4740214 | 0.58 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 110904 | 112264 | 110709 | 111292 | 0.76 | cps |
| Cobalt | 59-2 | 659755 | 659196 | 659631 | 659527 | 0.04 | cps |
| Copper | 63-2 | 2956835 | 2889474 | 2910871 | 2919060 | 1.18 | cps |
| Dysprosium | 156-1 | 15852 | 16216 | 15946 | 16005 | 1.18 | cps |
| Dysprosium | 156-2 | 12836 | 13773 | 13090 | 13233 | 3.66 | cps |
| Erbium | 164-1 | 15712 | 15489 | 15319 | 15506 | 1.27 | cps |
| Erbium | 164-2 | 11435 | 11061 | 10868 | 11121 | 2.59 | cps |
| Gadolinium | 160-1 | 15525 | 16216 | 16223 | 15988 | 2.51 | cps |
| Gadolinium | 160-2 | 12309 | 12652 | 12566 | 12509 | 1.43 | cps |
| Holmium | 165-1 | 14834731 | 14751292 | 14456540 | 14680855 | 1.35 | cps |
| Holmium | 165-2 | 10426203 | 10450870 | 10309747 | 10395607 | 0.73 | cps |
| Indium | 115-1 | 12794381 | 12661348 | 12659902 | 12705210 | 0.61 | cps |
| Indium | 115-2 | 4663704 | 4643283 | 4682960 | 4663316 | 0.43 | cps |
| Iron | 56-2 | 242983216 | 242860650 | 239900170 | 241914679 | 0.72 | cps |
| Iron | 57-2 | 5903866 | 5949071 | 5838114 | 5897017 | 0.95 | cps |
| Iron | 54-2 | 13077216 | 13038788 | 12886141 | 13000715 | 0.78 | cps |
| Krypton | 83-1 | 263 | 257 | 220 | 247 | 9.46 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLH6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:20:22 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7211739 | 7309959 | 7216481 | 7246060 | 0.76 | cps |
| Lead | 207-1 | 6551593 | 6611451 | 6553104 | 6572049 | 0.52 | cps |
| Lead | 208-1 | 29475390 | 30002389 | 29472682 | 29650154 | 1.03 | cps |
| Lithium | 6-1 | 1798302 | 1772653 | 1795988 | 1788981 | 0.79 | cps |
| Magnesium | 24-2 | 2310927 | 2271250 | 2302013 | 2294730 | 0.91 | cps |
| Manganese | 55-2 | 1467483 | 1487520 | 1440931 | 1465312 | 1.59 | cps |
| Molybdenum | 94-1 | 82105 | 84659 | 84964 | 83910 | 1.87 | cps |
| Molybdenum | 95-1 | 68131 | 70612 | 68717 | 69153 | 1.88 | cps |
| Molybdenum | 96-1 | 83778 | 84378 | 83741 | 83966 | 0.43 | cps |
| Molybdenum | 97-1 | 42371 | 43973 | 43471 | 43272 | 1.89 | cps |
| Molybdenum | 98-1 | 109782 | 112693 | 112496 | 111657 | 1.46 | cps |
| Neodymium | 150-1 | 24882 | 24839 | 24685 | 24802 | 0.42 | cps |
| Neodymium | 150-2 | 15712 | 15365 | 14811 | 15296 | 2.97 | cps |
| Nickel | 60-2 | 46943 | 47478 | 48100 | 47507 | 1.22 | cps |
| Phosphorus | 31-2 | 10120 | 10630 | 10397 | 10382 | 2.46 | cps |
| Potassium | 39-2 | 1321582 | 1321432 | 1328534 | 1323849 | 0.31 | cps |
| Rhodium | 103-1 | 11220168 | 11162076 | 11265417 | 11215887 | 0.46 | cps |
| Rhodium | 103-2 | 6787108 | 6751404 | 6781844 | 6773452 | 0.28 | cps |
| Scandium | 45-1 | 6836982 | 6787723 | 6774494 | 6799733 | 0.48 | cps |
| Scandium | 45-2 | 583601 | 581544 | 580530 | 581892 | 0.27 | cps |
| Selenium | 82-1 | 242 | 284 | 306 | 277 | 11.80 | cps |
| Selenium | 77-2 | 63 | 63 | 73 | 67 | 8.66 | cps |
| Selenium | 78-2 | 500 | 533 | 510 | 514 | 3.33 | cps |
| Silicon | 28-1 | 15645395 | 15734693 | 15708176 | 15696088 | 0.29 | cps |
| Silver | 107-1 | 22811 | 23142 | 23219 | 23057 | 0.94 | cps |
| Silver | 109-1 | 22027 | 22351 | 22120 | 22166 | 0.75 | cps |
| Sodium | 23-2 | 4651338 | 4595661 | 4612254 | 4619751 | 0.62 | cps |
| Strontium | 86-1 | 275099 | 276777 | 274682 | 275519 | 0.40 | cps |
| Strontium | 88-1 | 2448697 | 2495248 | 2486525 | 2476823 | 1.00 | cps |
| Sulfur | 34-1 | 214135 | 214595 | 214957 | 214563 | 0.19 | cps |
| Terbium | 159-1 | 15235432 | 15095957 | 15078682 | 15136690 | 0.57 | cps |
| Terbium | 159-2 | 10473210 | 10461793 | 10414062 | 10449688 | 0.30 | cps |
| Thallium | 203-1 | 3741 | 3767 | 4284 | 3931 | 7.79 | cps |
| Thallium | 205-1 | 9073 | 9180 | 9110 | 9121 | 0.59 | cps |
| Tin | 118-1 | 1005411 | 1006729 | 1015474 | 1009205 | 0.54 | cps |
| Titanium | 47-1 | 567158 | 577443 | 574442 | 573014 | 0.92 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5248-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLH6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 14:20:22 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 38476 | 38034 | 38826 | 38445 | 1.03 | cps |
| Vanadium | 51-2 | 135411 | 136554 | 135373 | 135779 | 0.49 | cps |
| Yttrium | 89-1 | 14598294 | 14710941 | 14435991 | 14581742 | 0.95 | cps |
| Yttrium | 89-2 | 3877969 | 3872833 | 3793378 | 3848060 | 1.23 | cps |
| Zinc | 66-2 | 3434090 | 3434933 | 3404087 | 3424370 | 0.51 | cps |
| Zirconium | 90-1 | 121249 | 122495 | 123174 | 122306 | 0.80 | cps |
| Zirconium | 91-1 | 27873 | 27496 | 27977 | 27782 | 0.91 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:23:22 | DataFile Name : | 057CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13440339 | 13229519 | 13240304 | 13303388 | 0.89 | cps |
| Antimony | 121-1 | 5937432 | 6029714 | 5916029 | 5961058 | 1.01 | cps |
| Arsenic | 75-2 | 287853 | 282322 | 281985 | 284053 | 1.16 | cps |
| Barium | 135-1 | 7716703 | 7800997 | 7723815 | 7747172 | 0.60 | cps |
| Barium | 137-1 | 13328129 | 13407909 | 13356485 | 13364174 | 0.30 | cps |
| Beryllium | 9-1 | 706425 | 711634 | 711030 | 709696 | 0.40 | cps |
| Bismuth | 209-1 | 7910891 | 7582644 | 7697214 | 7730250 | 2.16 | cps |
| Bismuth | 209-2 | 6521440 | 6452136 | 6528454 | 6500677 | 0.65 | cps |
| Bromine | 81-1 | 14924 | 13943 | 13736 | 14201 | 4.47 | cps |
| Bromine | 81-2 | 250 | 227 | 267 | 248 | 8.11 | cps |
| Cadmium | 108-1 | 105221 | 107081 | 105077 | 105793 | 1.06 | cps |
| Cadmium | 106-1 | 152911 | 152339 | 150375 | 151875 | 0.88 | cps |
| Cadmium | 111-1 | 1414989 | 1418240 | 1422875 | 1418701 | 0.28 | cps |
| Calcium | 43-1 | 8119942 | 7861521 | 7864439 | 7948634 | 1.87 | cps |
| Calcium | 44-1 | 128220921 | 127140121 | 126671188 | 127344077 | 0.62 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2323845 | 2262302 | 2260456 | 2282201 | 1.58 | cps |
| Cobalt | 59-2 | 3562428 | 3547667 | 3533844 | 3547979 | 0.40 | cps |
| Copper | 63-2 | 24963173 | 24939406 | 25069720 | 24990767 | 0.28 | cps |
| Dysprosium | 156-1 | 320 | 317 | 317 | 318 | 0.61 | cps |
| Dysprosium | 156-2 | 500 | 483 | 517 | 500 | 3.33 | cps |
| Erbium | 164-1 | 310 | 273 | 283 | 289 | 6.56 | cps |
| Erbium | 164-2 | 193 | 203 | 200 | 199 | 2.56 | cps |
| Gadolinium | 160-1 | 247 | 320 | 337 | 301 | 15.90 | cps |
| Gadolinium | 160-2 | 560 | 543 | 553 | 552 | 1.52 | cps |
| Holmium | 165-1 | 14418529 | 13812058 | 13690684 | 13973757 | 2.79 | cps |
| Holmium | 165-2 | 9773810 | 9884509 | 9895489 | 9851269 | 0.68 | cps |
| Indium | 115-1 | 10980903 | 10490760 | 10506106 | 10659256 | 2.61 | cps |
| Indium | 115-2 | 3867861 | 3794706 | 3839355 | 3833974 | 0.96 | cps |
| Iron | 56-2 | 540689072 | 536778445 | 536574712 | 538014076 | 0.43 | cps |
| Iron | 57-2 | 13350087 | 13402084 | 13362661 | 13371611 | 0.20 | cps |
| Iron | 54-2 | 29309047 | 29374156 | 28999385 | 29227530 | 0.69 | cps |
| Krypton | 83-1 | 227 | 257 | 257 | 247 | 7.02 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:23:22 | DataFile Name : | 057CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 21890397 | 22705340 | 22008358 | 22201365 | 1.98 | cps |
| Lead | 207-1 | 19880086 | 20440633 | 19984291 | 20101670 | 1.48 | cps |
| Lead | 208-1 | 90005124 | 92235417 | 90563353 | 90934631 | 1.28 | cps |
| Lithium | 6-1 | 1713886 | 1700622 | 1690005 | 1701505 | 0.70 | cps |
| Magnesium | 24-2 | 103026975 | 102025582 | 103037832 | 102696796 | 0.57 | cps |
| Manganese | 55-2 | 18393470 | 18130903 | 18102441 | 18208938 | 0.88 | cps |
| Molybdenum | 94-1 | 21099260 | 20749289 | 20803142 | 20883897 | 0.90 | cps |
| Molybdenum | 95-1 | 30406482 | 30230586 | 29951742 | 30196270 | 0.76 | cps |
| Molybdenum | 96-1 | 33109701 | 33028756 | 32604211 | 32914223 | 0.82 | cps |
| Molybdenum | 97-1 | 18973191 | 18896268 | 18534859 | 18801439 | 1.24 | cps |
| Molybdenum | 98-1 | 49143676 | 48854318 | 47935989 | 48644661 | 1.30 | cps |
| Neodymium | 150-1 | 467 | 463 | 457 | 462 | 1.10 | cps |
| Neodymium | 150-2 | 113 | 170 | 123 | 136 | 22.31 | cps |
| Nickel | 60-2 | 853692 | 840972 | 842373 | 845679 | 0.82 | cps |
| Phosphorus | 31-2 | 117560 | 116328 | 117308 | 117065 | 0.56 | cps |
| Potassium | 39-2 | 65720531 | 65155844 | 65227141 | 65367838 | 0.47 | cps |
| Rhodium | 103-1 | 9917013 | 9438578 | 9259654 | 9538415 | 3.56 | cps |
| Rhodium | 103-2 | 5690475 | 5656280 | 5583714 | 5643490 | 0.97 | cps |
| Scandium | 45-1 | 6401315 | 5910615 | 5869553 | 6060494 | 4.88 | cps |
| Scandium | 45-2 | 503862 | 502507 | 503269 | 503213 | 0.13 | cps |
| Selenium | 82-1 | 86020 | 86447 | 85878 | 86115 | 0.34 | cps |
| Selenium | 77-2 | 8893 | 8776 | 8963 | 8877 | 1.06 | cps |
| Selenium | 78-2 | 30064 | 30024 | 28678 | 29588 | 2.67 | cps |
| Silicon | 28-1 | 3530954 | 3502223 | 3495904 | 3509693 | 0.53 | cps |
| Silver | 107-1 | 7393178 | 7251564 | 7107112 | 7250618 | 1.97 | cps |
| Silver | 109-1 | 7067232 | 6924770 | 6975997 | 6989333 | 1.03 | cps |
| Sodium | 23-2 | 167463608 | 167996168 | 166622121 | 167360632 | 0.41 | cps |
| Strontium | 86-1 | 1941532 | 1941238 | 1938516 | 1940429 | 0.09 | cps |
| Strontium | 88-1 | 16864981 | 16722779 | 16839986 | 16809249 | 0.45 | cps |
| Sulfur | 34-1 | 613232 | 603082 | 596347 | 604220 | 1.41 | cps |
| Terbium | 159-1 | 14561094 | 13920592 | 13965769 | 14149152 | 2.53 | cps |
| Terbium | 159-2 | 9750389 | 9732851 | 9703052 | 9728764 | 0.25 | cps |
| Thallium | 203-1 | 5652591 | 5756581 | 5825151 | 5744774 | 1.51 | cps |
| Thallium | 205-1 | 13434166 | 13824034 | 13554050 | 13604084 | 1.47 | cps |
| Tin | 118-1 | 4981584 | 5029333 | 4930437 | 4980451 | 0.99 | cps |
| Titanium | 47-1 | 7555610 | 7376087 | 7420731 | 7450809 | 1.25 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:23:22 | DataFile Name : | 057CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17942785 | 18302835 | 18377423 | 18207681 | 1.28 | cps |
| Vanadium | 51-2 | 2061082 | 2065317 | 2057390 | 2061263 | 0.19 | cps |
| Yttrium | 89-1 | 13552081 | 12909815 | 12842145 | 13101347 | 2.99 | cps |
| Yttrium | 89-2 | 3380709 | 3335210 | 3347616 | 3354511 | 0.70 | cps |
| Zinc | 66-2 | 4100866 | 4085193 | 4092728 | 4092929 | 0.19 | cps |
| Zirconium | 90-1 | 10379198 | 10353565 | 10251803 | 10328189 | 0.65 | cps |
| Zirconium | 91-1 | 2262250 | 2276537 | 2295373 | 2278053 | 0.73 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:26:08 | DataFile Name : | 058CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 917 | 693 | 567 | 726 | 24.42 | cps |
| Antimony | 121-1 | 3350 | 2804 | 2800 | 2985 | 10.61 | cps |
| Arsenic | 75-2 | 57 | 23 | 20 | 33 | 60.84 | cps |
| Barium | 135-1 | 1357 | 1243 | 923 | 1175 | 19.14 | cps |
| Barium | 137-1 | 2117 | 2244 | 1850 | 2070 | 9.70 | cps |
| Beryllium | 9-1 | 303 | 233 | 237 | 258 | 15.32 | cps |
| Bismuth | 209-1 | 8779272 | 8600601 | 8679270 | 8686381 | 1.03 | cps |
| Bismuth | 209-2 | 7438271 | 7369529 | 7401226 | 7403009 | 0.46 | cps |
| Bromine | 81-1 | 14344 | 14447 | 14454 | 14415 | 0.43 | cps |
| Bromine | 81-2 | 230 | 280 | 307 | 272 | 14.30 | cps |
| Cadmium | 108-1 | 23 | 23 | 17 | 21 | 18.21 | cps |
| Cadmium | 106-1 | 3287 | 3084 | 3324 | 3232 | 4.00 | cps |
| Cadmium | 111-1 | 2551 | 2456 | 2622 | 2543 | 3.28 | cps |
| Calcium | 43-1 | 1833 | 1677 | 1373 | 1628 | 14.37 | cps |
| Calcium | 44-1 | 30922 | 30968 | 25769 | 29220 | 10.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1507 | 1477 | 1477 | 1487 | 1.16 | cps |
| Cobalt | 59-2 | 357 | 263 | 223 | 281 | 24.34 | cps |
| Copper | 63-2 | 2500 | 1923 | 1823 | 2082 | 17.54 | cps |
| Dysprosium | 156-1 | 13 | 10 | 23 | 16 | 44.60 | cps |
| Dysprosium | 156-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Erbium | 164-1 | 50 | 37 | 60 | 49 | 23.94 | cps |
| Erbium | 164-2 | 30 | 37 | 27 | 31 | 16.37 | cps |
| Gadolinium | 160-1 | 37 | 30 | 70 | 46 | 47.04 | cps |
| Gadolinium | 160-2 | 483 | 467 | 463 | 471 | 2.28 | cps |
| Holmium | 165-1 | 14326226 | 14432102 | 14210036 | 14322788 | 0.78 | cps |
| Holmium | 165-2 | 10101865 | 10284031 | 10189421 | 10191772 | 0.89 | cps |
| Indium | 115-1 | 11711960 | 11739050 | 11796748 | 11749253 | 0.37 | cps |
| Indium | 115-2 | 4270072 | 4237352 | 4218567 | 4241997 | 0.61 | cps |
| Iron | 56-2 | 52244 | 44693 | 38847 | 45261 | 14.84 | cps |
| Iron | 57-2 | 1667 | 1493 | 1417 | 1526 | 8.40 | cps |
| Iron | 54-2 | 4311 | 3654 | 3327 | 3764 | 13.31 | cps |
| Krypton | 83-1 | 193 | 227 | 210 | 210 | 7.94 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:26:08 | DataFile Name : | 058CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4774 | 4931 | 3904 | 4536 | 12.20 | cps |
| Lead | 207-1 | 4434 | 4257 | 3444 | 4045 | 13.06 | cps |
| Lead | 208-1 | 19512 | 19262 | 15881 | 18218 | 11.13 | cps |
| Lithium | 6-1 | 1812445 | 1830165 | 1805384 | 1815998 | 0.70 | cps |
| Magnesium | 24-2 | 7062 | 5198 | 4451 | 5570 | 24.14 | cps |
| Manganese | 55-2 | 1567 | 1217 | 893 | 1226 | 27.48 | cps |
| Molybdenum | 94-1 | 3994 | 4171 | 3364 | 3843 | 11.04 | cps |
| Molybdenum | 95-1 | 5524 | 5688 | 4334 | 5182 | 14.26 | cps |
| Molybdenum | 96-1 | 6241 | 5935 | 4911 | 5696 | 12.23 | cps |
| Molybdenum | 97-1 | 3390 | 3340 | 2944 | 3225 | 7.59 | cps |
| Molybdenum | 98-1 | 9123 | 8793 | 6945 | 8287 | 14.16 | cps |
| Neodymium | 150-1 | 10 | 3 | 0 | 4 | 114.60 | cps |
| Neodymium | 150-2 | 0 | 3 | 0 | 1 | 173.21 | cps |
| Nickel | 60-2 | 357 | 373 | 380 | 370 | 3.25 | cps |
| Phosphorus | 31-2 | 197 | 143 | 143 | 161 | 19.11 | cps |
| Potassium | 39-2 | 52744 | 53149 | 52115 | 52670 | 0.99 | cps |
| Rhodium | 103-1 | 10601443 | 10617462 | 10632586 | 10617164 | 0.15 | cps |
| Rhodium | 103-2 | 6567129 | 6477158 | 6456472 | 6500253 | 0.91 | cps |
| Scandium | 45-1 | 6231269 | 6148572 | 6337187 | 6239009 | 1.52 | cps |
| Scandium | 45-2 | 524125 | 527383 | 533617 | 528375 | 0.91 | cps |
| Selenium | 82-1 | 114 | 86 | 107 | 102 | 14.49 | cps |
| Selenium | 77-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Selenium | 78-2 | 427 | 443 | 463 | 444 | 4.13 | cps |
| Silicon | 28-1 | 594367 | 598907 | 597351 | 596875 | 0.39 | cps |
| Silver | 107-1 | 2180 | 1940 | 1587 | 1902 | 15.69 | cps |
| Silver | 109-1 | 2020 | 1783 | 1537 | 1780 | 13.58 | cps |
| Sodium | 23-2 | 40339 | 39023 | 36817 | 38726 | 4.60 | cps |
| Strontium | 86-1 | 683 | 643 | 647 | 658 | 3.37 | cps |
| Strontium | 88-1 | 3097 | 2844 | 2560 | 2834 | 9.48 | cps |
| Sulfur | 34-1 | 175239 | 178766 | 178317 | 177441 | 1.08 | cps |
| Terbium | 159-1 | 14820648 | 14766552 | 14649684 | 14745628 | 0.59 | cps |
| Terbium | 159-2 | 10029115 | 10153681 | 10243079 | 10141958 | 1.06 | cps |
| Thallium | 203-1 | 1923 | 1803 | 1350 | 1692 | 17.87 | cps |
| Thallium | 205-1 | 5008 | 4231 | 3727 | 4322 | 14.93 | cps |
| Tin | 118-1 | 2547 | 2424 | 2277 | 2416 | 5.60 | cps |
| Titanium | 47-1 | 1257 | 1283 | 1020 | 1187 | 12.22 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB044 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB044 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:26:08 | DataFile Name : | 058CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2827 | 2734 | 2064 | 2541 | 16.39 | cps |
| Vanadium | 51-2 | 117 | 117 | 77 | 103 | 22.35 | cps |
| Yttrium | 89-1 | 13555129 | 13743874 | 13643355 | 13647453 | 0.69 | cps |
| Yttrium | 89-2 | 3584826 | 3504702 | 3548032 | 3545853 | 1.13 | cps |
| Zinc | 66-2 | 513 | 517 | 423 | 484 | 10.93 | cps |
| Zirconium | 90-1 | 2597 | 2650 | 2274 | 2507 | 8.13 | cps |
| Zirconium | 91-1 | 573 | 623 | 507 | 568 | 10.31 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:35:44 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 230 | 263 | 210 | 234 | 11.49 | cps |
| Antimony | 121-1 | 400 | 343 | 303 | 349 | 13.92 | cps |
| Arsenic | 75-2 | 0 | 10 | 10 | 7 | 86.60 | cps |
| Barium | 135-1 | 63 | 50 | 67 | 60 | 14.70 | cps |
| Barium | 137-1 | 133 | 130 | 107 | 123 | 11.78 | cps |
| Beryllium | 9-1 | 53 | 97 | 83 | 78 | 28.54 | cps |
| Bismuth | 209-1 | 8777669 | 8623931 | 8474917 | 8625506 | 1.76 | cps |
| Bismuth | 209-2 | 7398146 | 7489843 | 7352151 | 7413380 | 0.95 | cps |
| Bromine | 81-1 | 15268 | 14697 | 15061 | 15009 | 1.92 | cps |
| Bromine | 81-2 | 137 | 113 | 133 | 128 | 9.88 | cps |
| Cadmium | 108-1 | 10 | 3 | 7 | 7 | 50.03 | cps |
| Cadmium | 106-1 | 3047 | 3000 | 2974 | 3007 | 1.23 | cps |
| Cadmium | 111-1 | 2139 | 2131 | 2104 | 2125 | 0.88 | cps |
| Calcium | 43-1 | 337 | 360 | 373 | 357 | 5.20 | cps |
| Calcium | 44-1 | 9613 | 9676 | 9743 | 9678 | 0.67 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1327 | 1510 | 1430 | 1422 | 6.46 | cps |
| Cobalt | 59-2 | 147 | 107 | 147 | 133 | 17.32 | cps |
| Copper | 63-2 | 683 | 717 | 813 | 738 | 9.15 | cps |
| Dysprosium | 156-1 | 27 | 20 | 7 | 18 | 57.27 | cps |
| Dysprosium | 156-2 | 13 | 3 | 7 | 8 | 65.47 | cps |
| Erbium | 164-1 | 63 | 97 | 60 | 73 | 27.65 | cps |
| Erbium | 164-2 | 43 | 63 | 40 | 49 | 25.81 | cps |
| Gadolinium | 160-1 | 43 | 63 | 53 | 53 | 18.75 | cps |
| Gadolinium | 160-2 | 440 | 403 | 450 | 431 | 5.70 | cps |
| Holmium | 165-1 | 14487632 | 14130334 | 14290673 | 14302880 | 1.25 | cps |
| Holmium | 165-2 | 10224783 | 10287157 | 10182044 | 10231328 | 0.52 | cps |
| Indium | 115-1 | 11924819 | 11978483 | 11766317 | 11889873 | 0.93 | cps |
| Indium | 115-2 | 4408010 | 4299609 | 4355809 | 4354476 | 1.24 | cps |
| Iron | 56-2 | 19813 | 19596 | 19466 | 19625 | 0.89 | cps |
| Iron | 57-2 | 923 | 860 | 883 | 889 | 3.60 | cps |
| Iron | 54-2 | 2640 | 2397 | 2377 | 2471 | 5.93 | cps |
| Krypton | 83-1 | 203 | 233 | 230 | 222 | 7.40 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:35:44 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 733 | 800 | 783 | 772 | 4.49 | cps |
| Lead | 207-1 | 667 | 677 | 680 | 674 | 1.03 | cps |
| Lead | 208-1 | 3180 | 3070 | 2967 | 3072 | 3.47 | cps |
| Lithium | 6-1 | 1817727 | 1805888 | 1794713 | 1806109 | 0.64 | cps |
| Magnesium | 24-2 | 850 | 873 | 883 | 869 | 1.97 | cps |
| Manganese | 55-2 | 270 | 307 | 303 | 293 | 6.91 | cps |
| Molybdenum | 94-1 | 437 | 373 | 383 | 398 | 8.56 | cps |
| Molybdenum | 95-1 | 240 | 230 | 217 | 229 | 5.11 | cps |
| Molybdenum | 96-1 | 253 | 297 | 313 | 288 | 10.76 | cps |
| Molybdenum | 97-1 | 157 | 153 | 110 | 140 | 18.60 | cps |
| Molybdenum | 98-1 | 360 | 313 | 287 | 320 | 11.60 | cps |
| Neodymium | 150-1 | 3 | 3 | 7 | 4 | 43.40 | cps |
| Neodymium | 150-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Nickel | 60-2 | 343 | 363 | 313 | 340 | 7.40 | cps |
| Phosphorus | 31-2 | 177 | 123 | 153 | 151 | 17.69 | cps |
| Potassium | 39-2 | 48403 | 48410 | 48199 | 48338 | 0.25 | cps |
| Rhodium | 103-1 | 11012628 | 10951694 | 11023173 | 10995832 | 0.35 | cps |
| Rhodium | 103-2 | 6819899 | 6613553 | 6574848 | 6669433 | 1.98 | cps |
| Scandium | 45-1 | 6648718 | 6576350 | 6549891 | 6591653 | 0.78 | cps |
| Scandium | 45-2 | 555594 | 551789 | 549757 | 552380 | 0.54 | cps |
| Selenium | 82-1 | 145 | 111 | 107 | 121 | 17.14 | cps |
| Selenium | 77-2 | 10 | 0 | 0 | 3 | 173.21 | cps |
| Selenium | 78-2 | 387 | 423 | 400 | 403 | 4.60 | cps |
| Silicon | 28-1 | 641621 | 643335 | 644053 | 643003 | 0.19 | cps |
| Silver | 107-1 | 153 | 167 | 123 | 148 | 15.02 | cps |
| Silver | 109-1 | 100 | 113 | 147 | 120 | 20.03 | cps |
| Sodium | 23-2 | 26406 | 25234 | 25428 | 25689 | 2.45 | cps |
| Strontium | 86-1 | 387 | 390 | 377 | 384 | 1.80 | cps |
| Strontium | 88-1 | 403 | 367 | 303 | 358 | 14.14 | cps |
| Sulfur | 34-1 | 189877 | 191757 | 188882 | 190172 | 0.77 | cps |
| Terbium | 159-1 | 14907924 | 14662509 | 14729448 | 14766627 | 0.86 | cps |
| Terbium | 159-2 | 10217579 | 10118061 | 10192512 | 10176051 | 0.51 | cps |
| Thallium | 203-1 | 583 | 613 | 573 | 590 | 3.53 | cps |
| Thallium | 205-1 | 1363 | 1350 | 1380 | 1365 | 1.10 | cps |
| Tin | 118-1 | 1500 | 1410 | 1387 | 1432 | 4.18 | cps |
| Titanium | 47-1 | 90 | 100 | 70 | 87 | 17.63 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:35:44 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 37 | 13 | 17 | 22 | 56.80 | cps |
| Vanadium | 51-2 | 13 | 13 | 20 | 16 | 24.76 | cps |
| Yttrium | 89-1 | 13925347 | 13864492 | 14035386 | 13941742 | 0.62 | cps |
| Yttrium | 89-2 | 3730599 | 3666923 | 3655283 | 3684268 | 1.10 | cps |
| Zinc | 66-2 | 267 | 273 | 273 | 271 | 1.42 | cps |
| Zirconium | 90-1 | 793 | 750 | 683 | 742 | 7.47 | cps |
| Zirconium | 91-1 | 140 | 157 | 170 | 156 | 9.66 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:39:00 | DataFile Name : | 060LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11494 | 11331 | 11151 | 11325 | 1.52 | cps |
| Antimony | 121-1 | 49538 | 50512 | 50950 | 50333 | 1.44 | cps |
| Arsenic | 75-2 | 1450 | 1453 | 1383 | 1429 | 2.76 | cps |
| Barium | 135-1 | 61847 | 62101 | 61602 | 61850 | 0.40 | cps |
| Barium | 137-1 | 107082 | 106273 | 106263 | 106539 | 0.44 | cps |
| Beryllium | 9-1 | 3264 | 3367 | 3370 | 3334 | 1.82 | cps |
| Bismuth | 209-1 | 8503637 | 8398870 | 8554086 | 8485531 | 0.93 | cps |
| Bismuth | 209-2 | 7279080 | 7225843 | 7342869 | 7282598 | 0.80 | cps |
| Bromine | 81-1 | 14130 | 14497 | 14841 | 14489 | 2.45 | cps |
| Bromine | 81-2 | 163 | 133 | 170 | 156 | 12.55 | cps |
| Cadmium | 108-1 | 463 | 493 | 407 | 454 | 9.68 | cps |
| Cadmium | 106-1 | 3944 | 3834 | 3814 | 3864 | 1.81 | cps |
| Cadmium | 111-1 | 9331 | 8883 | 9130 | 9115 | 2.46 | cps |
| Calcium | 43-1 | 35822 | 36795 | 36110 | 36242 | 1.38 | cps |
| Calcium | 44-1 | 583871 | 584153 | 589145 | 585723 | 0.51 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 21262 | 21095 | 21412 | 21256 | 0.75 | cps |
| Cobalt | 59-2 | 16486 | 16639 | 16653 | 16593 | 0.56 | cps |
| Copper | 63-2 | 24861 | 25432 | 25355 | 25216 | 1.23 | cps |
| Dysprosium | 156-1 | 27 | 10 | 10 | 16 | 61.87 | cps |
| Dysprosium | 156-2 | 17 | 10 | 17 | 14 | 26.66 | cps |
| Erbium | 164-1 | 53 | 50 | 97 | 67 | 39.06 | cps |
| Erbium | 164-2 | 30 | 17 | 50 | 32 | 52.06 | cps |
| Gadolinium | 160-1 | 47 | 23 | 50 | 40 | 36.33 | cps |
| Gadolinium | 160-2 | 490 | 497 | 477 | 488 | 2.09 | cps |
| Holmium | 165-1 | 14102159 | 14348644 | 14172120 | 14207641 | 0.89 | cps |
| Holmium | 165-2 | 10349207 | 10042427 | 10211096 | 10200910 | 1.51 | cps |
| Indium | 115-1 | 11845345 | 11870227 | 11872702 | 11862758 | 0.13 | cps |
| Indium | 115-2 | 4348867 | 4280818 | 4330533 | 4320073 | 0.82 | cps |
| Iron | 56-2 | 2007628 | 1976452 | 1964066 | 1982715 | 1.13 | cps |
| Iron | 57-2 | 51046 | 50545 | 50053 | 50548 | 0.98 | cps |
| Iron | 54-2 | 110750 | 109397 | 111784 | 110643 | 1.08 | cps |
| Krypton | 83-1 | 180 | 227 | 217 | 208 | 11.83 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:39:00 | DataFile Name : | 060LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18179 | 18102 | 18499 | 18260 | 1.15 | cps |
| Lead | 207-1 | 16056 | 16694 | 16440 | 16397 | 1.96 | cps |
| Lead | 208-1 | 74752 | 74176 | 74443 | 74457 | 0.39 | cps |
| Lithium | 6-1 | 1774453 | 1744068 | 1783024 | 1767181 | 1.16 | cps |
| Magnesium | 24-2 | 444654 | 445457 | 443139 | 444417 | 0.26 | cps |
| Manganese | 55-2 | 8509 | 8703 | 8783 | 8665 | 1.62 | cps |
| Molybdenum | 94-1 | 51664 | 52731 | 52219 | 52205 | 1.02 | cps |
| Molybdenum | 95-1 | 62857 | 63229 | 62968 | 63018 | 0.30 | cps |
| Molybdenum | 96-1 | 69337 | 69993 | 70599 | 69976 | 0.90 | cps |
| Molybdenum | 97-1 | 38407 | 39443 | 39527 | 39126 | 1.59 | cps |
| Molybdenum | 98-1 | 100858 | 102137 | 100321 | 101106 | 0.92 | cps |
| Neodymium | 150-1 | 17 | 7 | 7 | 10 | 57.72 | cps |
| Neodymium | 150-2 | 13 | 13 | 3 | 10 | 57.75 | cps |
| Nickel | 60-2 | 4614 | 4517 | 4507 | 4546 | 1.30 | cps |
| Phosphorus | 31-2 | 803 | 820 | 753 | 792 | 4.38 | cps |
| Potassium | 39-2 | 653102 | 651213 | 652010 | 652108 | 0.15 | cps |
| Rhodium | 103-1 | 11038840 | 10901235 | 10959098 | 10966391 | 0.63 | cps |
| Rhodium | 103-2 | 6692505 | 6558356 | 6594306 | 6615056 | 1.05 | cps |
| Scandium | 45-1 | 6462486 | 6547327 | 6551727 | 6520513 | 0.77 | cps |
| Scandium | 45-2 | 562300 | 557757 | 559372 | 559810 | 0.41 | cps |
| Selenium | 82-1 | 2163 | 2027 | 2074 | 2088 | 3.33 | cps |
| Selenium | 77-2 | 283 | 160 | 193 | 212 | 30.06 | cps |
| Selenium | 78-2 | 1027 | 1147 | 1160 | 1111 | 6.61 | cps |
| Silicon | 28-1 | 796705 | 800363 | 807414 | 801494 | 0.68 | cps |
| Silver | 107-1 | 31805 | 32403 | 31751 | 31986 | 1.13 | cps |
| Silver | 109-1 | 30348 | 30569 | 30509 | 30475 | 0.37 | cps |
| Sodium | 23-2 | 744810 | 737525 | 741107 | 741147 | 0.49 | cps |
| Strontium | 86-1 | 8302 | 8469 | 8776 | 8516 | 2.82 | cps |
| Strontium | 88-1 | 70196 | 69915 | 70451 | 70187 | 0.38 | cps |
| Sulfur | 34-1 | 193870 | 195524 | 194849 | 194747 | 0.43 | cps |
| Terbium | 159-1 | 14786662 | 14352706 | 14705245 | 14614871 | 1.58 | cps |
| Terbium | 159-2 | 10169736 | 10125084 | 10176664 | 10157161 | 0.28 | cps |
| Thallium | 203-1 | 22686 | 22559 | 22936 | 22727 | 0.84 | cps |
| Thallium | 205-1 | 54532 | 53859 | 53374 | 53922 | 1.08 | cps |
| Tin | 118-1 | 106161 | 106084 | 105711 | 105985 | 0.23 | cps |
| Titanium | 47-1 | 3684 | 4057 | 4224 | 3988 | 6.94 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165532BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS532 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:39:00 | DataFile Name : | 060LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 66605 | 66046 | 66709 | 66453 | 0.54 | cps |
| Vanadium | 51-2 | 45164 | 45448 | 45709 | 45440 | 0.60 | cps |
| Yttrium | 89-1 | 13638057 | 13837594 | 13769924 | 13748525 | 0.74 | cps |
| Yttrium | 89-2 | 3688621 | 3644801 | 3647344 | 3660255 | 0.67 | cps |
| Zinc | 66-2 | 10397 | 10367 | 10257 | 10340 | 0.71 | cps |
| Zirconium | 90-1 | 43180 | 44755 | 43615 | 43850 | 1.85 | cps |
| Zirconium | 91-1 | 9483 | 9660 | 9823 | 9655 | 1.76 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28N9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:43:10 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4636384 | 4619675 | 4547527 | 4601195 | 1.03 | cps |
| Antimony | 121-1 | 3397 | 3420 | 3407 | 3408 | 0.34 | cps |
| Arsenic | 75-2 | 11301 | 11037 | 11194 | 11178 | 1.19 | cps |
| Barium | 135-1 | 453249 | 454330 | 452898 | 453492 | 0.16 | cps |
| Barium | 137-1 | 787762 | 793078 | 788384 | 789741 | 0.37 | cps |
| Beryllium | 9-1 | 2197 | 1910 | 2110 | 2072 | 7.10 | cps |
| Bismuth | 209-1 | 8958151 | 8860792 | 8717002 | 8845315 | 1.37 | cps |
| Bismuth | 209-2 | 7546723 | 7610740 | 7454067 | 7537177 | 1.05 | cps |
| Bromine | 81-1 | 20354 | 21673 | 22517 | 21515 | 5.07 | cps |
| Bromine | 81-2 | 1560 | 1643 | 1630 | 1611 | 2.78 | cps |
| Cadmium | 108-1 | 303 | 263 | 297 | 288 | 7.45 | cps |
| Cadmium | 106-1 | 3767 | 3600 | 3654 | 3674 | 2.32 | cps |
| Cadmium | 111-1 | 4832 | 4683 | 4887 | 4800 | 2.20 | cps |
| Calcium | 43-1 | 411459 | 414164 | 413259 | 412961 | 0.33 | cps |
| Calcium | 44-1 | 6369306 | 6422081 | 6355163 | 6382183 | 0.55 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 151085 | 149559 | 149304 | 149983 | 0.64 | cps |
| Cobalt | 59-2 | 144887 | 144064 | 143178 | 144043 | 0.59 | cps |
| Copper | 63-2 | 217087 | 215902 | 215475 | 216155 | 0.39 | cps |
| Dysprosium | 156-1 | 69085 | 70137 | 68905 | 69376 | 0.96 | cps |
| Dysprosium | 156-2 | 55449 | 55194 | 55101 | 55248 | 0.33 | cps |
| Erbium | 164-1 | 61635 | 62422 | 62516 | 62191 | 0.78 | cps |
| Erbium | 164-2 | 44367 | 43354 | 43715 | 43812 | 1.17 | cps |
| Gadolinium | 160-1 | 69193 | 69213 | 67183 | 68530 | 1.70 | cps |
| Gadolinium | 160-2 | 51561 | 50113 | 50568 | 50747 | 1.46 | cps |
| Holmium | 165-1 | 15292338 | 14753561 | 15041393 | 15029097 | 1.79 | cps |
| Holmium | 165-2 | 10774732 | 10732068 | 10477006 | 10661269 | 1.51 | cps |
| Indium | 115-1 | 12639083 | 12320748 | 12316520 | 12425450 | 1.49 | cps |
| Indium | 115-2 | 4465051 | 4478418 | 4400008 | 4447825 | 0.94 | cps |
| Iron | 56-2 | 174405504 | 173981617 | 171715237 | 173367453 | 0.83 | cps |
| Iron | 57-2 | 4265735 | 4253023 | 4274444 | 4264401 | 0.25 | cps |
| Iron | 54-2 | 9522364 | 9346487 | 9334134 | 9400995 | 1.12 | cps |
| Krypton | 83-1 | 290 | 277 | 257 | 274 | 6.11 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28N9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:43:10 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 395220 | 391861 | 390893 | 392658 | 0.58 | cps |
| Lead | 207-1 | 325920 | 325849 | 324473 | 325414 | 0.25 | cps |
| Lead | 208-1 | 1527519 | 1525597 | 1509001 | 1520706 | 0.67 | cps |
| Lithium | 6-1 | 1878571 | 1827958 | 1825173 | 1843901 | 1.63 | cps |
| Magnesium | 24-2 | 2907312 | 2848949 | 2842651 | 2866304 | 1.24 | cps |
| Manganese | 55-2 | 5846406 | 5861202 | 5759735 | 5822447 | 0.94 | cps |
| Molybdenum | 94-1 | 62161 | 61646 | 62312 | 62039 | 0.56 | cps |
| Molybdenum | 95-1 | 69574 | 69979 | 69886 | 69813 | 0.30 | cps |
| Molybdenum | 96-1 | 80855 | 81053 | 81207 | 81038 | 0.22 | cps |
| Molybdenum | 97-1 | 42779 | 44274 | 43281 | 43444 | 1.75 | cps |
| Molybdenum | 98-1 | 113244 | 113668 | 114444 | 113785 | 0.53 | cps |
| Neodymium | 150-1 | 103389 | 104413 | 104207 | 104003 | 0.52 | cps |
| Neodymium | 150-2 | 61115 | 61165 | 61544 | 61275 | 0.38 | cps |
| Nickel | 60-2 | 200376 | 197380 | 197844 | 198533 | 0.81 | cps |
| Phosphorus | 31-2 | 9757 | 9353 | 9710 | 9606 | 2.30 | cps |
| Potassium | 39-2 | 2078025 | 2069239 | 2079955 | 2075740 | 0.28 | cps |
| Rhodium | 103-1 | 11542399 | 11322911 | 11453007 | 11439439 | 0.96 | cps |
| Rhodium | 103-2 | 6850796 | 6882588 | 6751632 | 6828339 | 1.00 | cps |
| Scandium | 45-1 | 6957208 | 6904095 | 6920982 | 6927428 | 0.39 | cps |
| Scandium | 45-2 | 585025 | 581711 | 584274 | 583670 | 0.30 | cps |
| Selenium | 82-1 | 357 | 336 | 382 | 358 | 6.42 | cps |
| Selenium | 77-2 | 217 | 157 | 190 | 188 | 16.01 | cps |
| Selenium | 78-2 | 607 | 627 | 573 | 602 | 4.47 | cps |
| Silicon | 28-1 | 42086841 | 42061363 | 42676614 | 42274939 | 0.82 | cps |
| Silver | 107-1 | 3424 | 2624 | 2497 | 2848 | 17.65 | cps |
| Silver | 109-1 | 3424 | 2544 | 2364 | 2777 | 20.43 | cps |
| Sodium | 23-2 | 284084 | 284399 | 280689 | 283057 | 0.73 | cps |
| Strontium | 86-1 | 215051 | 216014 | 217746 | 216270 | 0.63 | cps |
| Strontium | 88-1 | 1915528 | 1960382 | 1911750 | 1929220 | 1.40 | cps |
| Sulfur | 34-1 | 225567 | 220383 | 216502 | 220817 | 2.06 | cps |
| Terbium | 159-1 | 15522364 | 15642818 | 15210853 | 15458678 | 1.44 | cps |
| Terbium | 159-2 | 10654708 | 10518537 | 10420428 | 10531224 | 1.12 | cps |
| Thallium | 203-1 | 5641 | 5058 | 5194 | 5298 | 5.76 | cps |
| Thallium | 205-1 | 12866 | 12166 | 12022 | 12351 | 3.66 | cps |
| Tin | 118-1 | 8753 | 9116 | 8466 | 8778 | 3.71 | cps |
| Titanium | 47-1 | 188927 | 190951 | 191701 | 190527 | 0.75 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28N9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:43:10 | DataFile Name : | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 57885 | 57878 | 57541 | 57768 | 0.34 | cps |
| Vanadium | 51-2 | 177290 | 174435 | 174287 | 175337 | 0.97 | cps |
| Yttrium | 89-1 | 15611904 | 15449959 | 15534273 | 15532045 | 0.52 | cps |
| Yttrium | 89-2 | 4024784 | 4088688 | 4011563 | 4041679 | 1.02 | cps |
| Zinc | 66-2 | 132663 | 129895 | 130121 | 130893 | 1.17 | cps |
| Zirconium | 90-1 | 59935 | 60641 | 60601 | 60392 | 0.66 | cps |
| Zirconium | 91-1 | 13296 | 13209 | 13987 | 13497 | 3.16 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:46:17 | DataFile Name : | 062SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6447360 | 6463171 | 6389048 | 6433193 | 0.61 | cps |
| Antimony | 121-1 | 2054 | 2144 | 2247 | 2148 | 4.50 | cps |
| Arsenic | 75-2 | 11231 | 11268 | 11024 | 11174 | 1.17 | cps |
| Barium | 135-1 | 468087 | 475306 | 472843 | 472079 | 0.78 | cps |
| Barium | 137-1 | 809118 | 824271 | 820349 | 817913 | 0.96 | cps |
| Beryllium | 9-1 | 2090 | 2370 | 2380 | 2280 | 7.22 | cps |
| Bismuth | 209-1 | 8649051 | 8601121 | 8715899 | 8655357 | 0.67 | cps |
| Bismuth | 209-2 | 7392214 | 7423578 | 7303909 | 7373234 | 0.84 | cps |
| Bromine | 81-1 | 18522 | 18318 | 18969 | 18603 | 1.79 | cps |
| Bromine | 81-2 | 1033 | 1077 | 1280 | 1130 | 11.66 | cps |
| Cadmium | 108-1 | 257 | 223 | 243 | 241 | 6.96 | cps |
| Cadmium | 106-1 | 3837 | 3661 | 3704 | 3734 | 2.47 | cps |
| Cadmium | 111-1 | 4440 | 4410 | 4196 | 4348 | 3.06 | cps |
| Calcium | 43-1 | 188384 | 190287 | 189636 | 189436 | 0.51 | cps |
| Calcium | 44-1 | 2866370 | 2935856 | 2886241 | 2896156 | 1.24 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 197863 | 196489 | 198623 | 197658 | 0.55 | cps |
| Cobalt | 59-2 | 199360 | 198332 | 199119 | 198937 | 0.27 | cps |
| Copper | 63-2 | 250448 | 249184 | 250005 | 249879 | 0.26 | cps |
| Dysprosium | 156-1 | 98270 | 97945 | 98566 | 98260 | 0.32 | cps |
| Dysprosium | 156-2 | 79001 | 79255 | 79647 | 79301 | 0.41 | cps |
| Erbium | 164-1 | 91094 | 92151 | 91527 | 91591 | 0.58 | cps |
| Erbium | 164-2 | 64414 | 65024 | 65271 | 64903 | 0.68 | cps |
| Gadolinium | 160-1 | 99383 | 100910 | 101138 | 100477 | 0.95 | cps |
| Gadolinium | 160-2 | 75693 | 74915 | 74560 | 75056 | 0.77 | cps |
| Holmium | 165-1 | 14791191 | 14808996 | 14567544 | 14722577 | 0.91 | cps |
| Holmium | 165-2 | 10483277 | 10514884 | 10421056 | 10473072 | 0.46 | cps |
| Indium | 115-1 | 12190008 | 11961767 | 12107505 | 12086427 | 0.96 | cps |
| Indium | 115-2 | 4393852 | 4391690 | 4332229 | 4372591 | 0.80 | cps |
| Iron | 56-2 | 245051356 | 241743956 | 240599276 | 242464863 | 0.95 | cps |
| Iron | 57-2 | 5971044 | 5937754 | 6010897 | 5973232 | 0.61 | cps |
| Iron | 54-2 | 13274955 | 13072987 | 13171187 | 13173043 | 0.77 | cps |
| Krypton | 83-1 | 340 | 397 | 320 | 352 | 11.29 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:46:17 | DataFile Name : | 062SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 254943 | 255989 | 257598 | 256177 | 0.52 | cps |
| Lead | 207-1 | 211290 | 213931 | 213524 | 212915 | 0.67 | cps |
| Lead | 208-1 | 981466 | 993127 | 994449 | 989681 | 0.72 | cps |
| Lithium | 6-1 | 1807473 | 1779210 | 1846301 | 1810995 | 1.86 | cps |
| Magnesium | 24-2 | 3423707 | 3412945 | 3389158 | 3408603 | 0.52 | cps |
| Manganese | 55-2 | 3590726 | 3554510 | 3507506 | 3550914 | 1.18 | cps |
| Molybdenum | 94-1 | 70770 | 72602 | 72287 | 71886 | 1.36 | cps |
| Molybdenum | 95-1 | 70455 | 71972 | 71962 | 71463 | 1.22 | cps |
| Molybdenum | 96-1 | 84686 | 87006 | 84777 | 85490 | 1.54 | cps |
| Molybdenum | 97-1 | 44183 | 44654 | 44959 | 44599 | 0.88 | cps |
| Molybdenum | 98-1 | 115583 | 115805 | 114883 | 115424 | 0.42 | cps |
| Neodymium | 150-1 | 145124 | 147967 | 146764 | 146618 | 0.97 | cps |
| Neodymium | 150-2 | 88612 | 88878 | 87593 | 88361 | 0.77 | cps |
| Nickel | 60-2 | 135458 | 133373 | 132805 | 133879 | 1.04 | cps |
| Phosphorus | 31-2 | 6882 | 6845 | 6728 | 6818 | 1.18 | cps |
| Potassium | 39-2 | 2024024 | 2003481 | 2012929 | 2013478 | 0.51 | cps |
| Rhodium | 103-1 | 11184639 | 11059367 | 11080580 | 11108195 | 0.60 | cps |
| Rhodium | 103-2 | 6718121 | 6814653 | 6651345 | 6728040 | 1.22 | cps |
| Scandium | 45-1 | 6786139 | 6848193 | 6742668 | 6792333 | 0.78 | cps |
| Scandium | 45-2 | 578794 | 575603 | 572271 | 575556 | 0.57 | cps |
| Selenium | 82-1 | 309 | 243 | 374 | 309 | 21.22 | cps |
| Selenium | 77-2 | 283 | 283 | 310 | 292 | 5.27 | cps |
| Selenium | 78-2 | 673 | 613 | 677 | 654 | 5.45 | cps |
| Silicon | 28-1 | 45884941 | 46973091 | 46307194 | 46388409 | 1.18 | cps |
| Silver | 107-1 | 1337 | 1407 | 1500 | 1415 | 5.79 | cps |
| Silver | 109-1 | 1300 | 1463 | 1440 | 1401 | 6.31 | cps |
| Sodium | 23-2 | 257237 | 255824 | 256119 | 256393 | 0.29 | cps |
| Strontium | 86-1 | 175643 | 177934 | 177596 | 177058 | 0.70 | cps |
| Strontium | 88-1 | 1584152 | 1582743 | 1590380 | 1585758 | 0.26 | cps |
| Sulfur | 34-1 | 162554 | 159614 | 156011 | 159393 | 2.06 | cps |
| Terbium | 159-1 | 15307911 | 15313263 | 15180622 | 15267265 | 0.49 | cps |
| Terbium | 159-2 | 10587993 | 10521879 | 10320966 | 10476946 | 1.33 | cps |
| Thallium | 203-1 | 5448 | 5778 | 5978 | 5735 | 4.67 | cps |
| Thallium | 205-1 | 13634 | 13800 | 14371 | 13935 | 2.77 | cps |
| Tin | 118-1 | 8463 | 8643 | 8579 | 8561 | 1.07 | cps |
| Titanium | 47-1 | 233823 | 238409 | 235687 | 235973 | 0.98 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:46:17 | DataFile Name : | 062SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 66682 | 67791 | 66806 | 67093 | 0.91 | cps |
| Vanadium | 51-2 | 221251 | 220611 | 219841 | 220568 | 0.32 | cps |
| Yttrium | 89-1 | 15634302 | 15545163 | 15701043 | 15626836 | 0.50 | cps |
| Yttrium | 89-2 | 4103474 | 4088346 | 4077962 | 4089927 | 0.31 | cps |
| Zinc | 66-2 | 123559 | 123119 | 122856 | 123178 | 0.29 | cps |
| Zirconium | 90-1 | 82715 | 83744 | 84223 | 83560 | 0.92 | cps |
| Zirconium | 91-1 | 18075 | 18712 | 18398 | 18395 | 1.73 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:49:28 | DataFile Name : | 063SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3689348 | 3652933 | 3682375 | 3674885 | 0.53 | cps |
| Antimony | 121-1 | 4307 | 4534 | 4301 | 4381 | 3.03 | cps |
| Arsenic | 75-2 | 7319 | 7515 | 7689 | 7508 | 2.47 | cps |
| Barium | 135-1 | 492567 | 494493 | 491334 | 492798 | 0.32 | cps |
| Barium | 137-1 | 854696 | 864619 | 853955 | 857757 | 0.69 | cps |
| Beryllium | 9-1 | 1303 | 1363 | 1303 | 1323 | 2.62 | cps |
| Bismuth | 209-1 | 8266776 | 8359639 | 8339992 | 8322136 | 0.59 | cps |
| Bismuth | 209-2 | 6458421 | 7058556 | 7192398 | 6903125 | 5.66 | cps |
| Bromine | 81-1 | 15722 | 16746 | 16166 | 16211 | 3.17 | cps |
| Bromine | 81-2 | 513 | 597 | 520 | 543 | 8.52 | cps |
| Cadmium | 108-1 | 250 | 260 | 213 | 241 | 10.19 | cps |
| Cadmium | 106-1 | 4001 | 3647 | 3857 | 3835 | 4.64 | cps |
| Cadmium | 111-1 | 4546 | 4395 | 4588 | 4509 | 2.25 | cps |
| Calcium | 43-1 | 6137562 | 6108074 | 6139305 | 6128314 | 0.29 | cps |
| Calcium | 44-1 | 99079492 | 97615212 | 97562922 | 98085875 | 0.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 149034 | 146965 | 147089 | 147696 | 0.79 | cps |
| Cobalt | 59-2 | 133376 | 132405 | 131624 | 132468 | 0.66 | cps |
| Copper | 63-2 | 182157 | 179573 | 176022 | 179251 | 1.72 | cps |
| Dysprosium | 156-1 | 53368 | 54197 | 54070 | 53878 | 0.83 | cps |
| Dysprosium | 156-2 | 43133 | 43039 | 43400 | 43191 | 0.43 | cps |
| Erbium | 164-1 | 44170 | 44765 | 43976 | 44303 | 0.93 | cps |
| Erbium | 164-2 | 31769 | 31054 | 31937 | 31587 | 1.48 | cps |
| Gadolinium | 160-1 | 52719 | 52638 | 51280 | 52212 | 1.55 | cps |
| Gadolinium | 160-2 | 39385 | 39148 | 38917 | 39150 | 0.60 | cps |
| Holmium | 165-1 | 14440299 | 14569221 | 14696315 | 14568612 | 0.88 | cps |
| Holmium | 165-2 | 9277505 | 10221218 | 10368747 | 9955823 | 5.95 | cps |
| Indium | 115-1 | 11914040 | 11796173 | 11738191 | 11816135 | 0.76 | cps |
| Indium | 115-2 | 3774096 | 4193812 | 4292770 | 4086893 | 6.74 | cps |
| Iron | 56-2 | 164558708 | 162305144 | 162953231 | 163272361 | 0.71 | cps |
| Iron | 57-2 | 4139367 | 4117838 | 4118145 | 4125117 | 0.30 | cps |
| Iron | 54-2 | 8816557 | 8752952 | 8788809 | 8786106 | 0.36 | cps |
| Krypton | 83-1 | 220 | 350 | 263 | 278 | 23.83 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:49:28 | DataFile Name : | 063SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 148033 | 148771 | 147263 | 148022 | 0.51 | cps |
| Lead | 207-1 | 117846 | 117449 | 116406 | 117234 | 0.63 | cps |
| Lead | 208-1 | 557839 | 559474 | 552563 | 556625 | 0.65 | cps |
| Lithium | 6-1 | 1851476 | 1770681 | 1784470 | 1802209 | 2.40 | cps |
| Magnesium | 24-2 | 27424364 | 27259985 | 27442295 | 27375548 | 0.37 | cps |
| Manganese | 55-2 | 2643286 | 2706742 | 2677320 | 2675782 | 1.19 | cps |
| Molybdenum | 94-1 | 69701 | 70026 | 69939 | 69889 | 0.24 | cps |
| Molybdenum | 95-1 | 44340 | 43692 | 43675 | 43902 | 0.86 | cps |
| Molybdenum | 96-1 | 56211 | 56154 | 55244 | 55870 | 0.97 | cps |
| Molybdenum | 97-1 | 27663 | 27600 | 26821 | 27361 | 1.71 | cps |
| Molybdenum | 98-1 | 70318 | 70144 | 70747 | 70403 | 0.44 | cps |
| Neodymium | 150-1 | 83519 | 83679 | 82747 | 83315 | 0.60 | cps |
| Neodymium | 150-2 | 50497 | 49807 | 49573 | 49959 | 0.96 | cps |
| Nickel | 60-2 | 91990 | 90920 | 91171 | 91360 | 0.61 | cps |
| Phosphorus | 31-2 | 9353 | 9156 | 9253 | 9254 | 1.06 | cps |
| Potassium | 39-2 | 1365638 | 1342745 | 1340606 | 1349663 | 1.03 | cps |
| Rhodium | 103-1 | 10622304 | 10750400 | 10626357 | 10666354 | 0.68 | cps |
| Rhodium | 103-2 | 5727793 | 6388205 | 6445945 | 6187314 | 6.45 | cps |
| Scandium | 45-1 | 6711431 | 6662143 | 6702069 | 6691881 | 0.39 | cps |
| Scandium | 45-2 | 502089 | 557324 | 563908 | 541107 | 6.27 | cps |
| Selenium | 82-1 | 439 | 250 | 313 | 334 | 28.84 | cps |
| Selenium | 77-2 | 170 | 213 | 153 | 179 | 17.31 | cps |
| Selenium | 78-2 | 507 | 553 | 510 | 523 | 4.98 | cps |
| Silicon | 28-1 | 37593056 | 38216654 | 38072779 | 37960830 | 0.86 | cps |
| Silver | 107-1 | 2010 | 1797 | 2010 | 1939 | 6.35 | cps |
| Silver | 109-1 | 1587 | 1743 | 1607 | 1646 | 5.18 | cps |
| Sodium | 23-2 | 254300 | 251816 | 254249 | 253455 | 0.56 | cps |
| Strontium | 86-1 | 1861551 | 1854924 | 1834602 | 1850359 | 0.76 | cps |
| Strontium | 88-1 | 15934908 | 16053574 | 15887552 | 15958678 | 0.54 | cps |
| Sulfur | 34-1 | 452924 | 460001 | 455781 | 456236 | 0.78 | cps |
| Terbium | 159-1 | 15109401 | 15067716 | 14930231 | 15035783 | 0.62 | cps |
| Terbium | 159-2 | 9168922 | 10284107 | 10285552 | 9912860 | 6.50 | cps |
| Thallium | 203-1 | 2947 | 2934 | 2970 | 2950 | 0.63 | cps |
| Thallium | 205-1 | 6939 | 6905 | 7019 | 6954 | 0.84 | cps |
| Tin | 118-1 | 6842 | 6842 | 6241 | 6642 | 5.22 | cps |
| Titanium | 47-1 | 333012 | 333338 | 332904 | 333085 | 0.07 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:49:28 | DataFile Name : | 063SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 98178 | 99545 | 97799 | 98507 | 0.93 | cps |
| Vanadium | 51-2 | 183375 | 180630 | 180333 | 181446 | 0.92 | cps |
| Yttrium | 89-1 | 14702692 | 14791619 | 14555191 | 14683168 | 0.81 | cps |
| Yttrium | 89-2 | 3481912 | 3796393 | 3884245 | 3720850 | 5.69 | cps |
| Zinc | 66-2 | 94067 | 92460 | 92169 | 92899 | 1.10 | cps |
| Zirconium | 90-1 | 122627 | 121796 | 122751 | 122391 | 0.42 | cps |
| Zirconium | 91-1 | 27152 | 27509 | 27289 | 27317 | 0.66 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:52:35 | DataFile Name : | 064SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4074369 | 4074342 | 4046698 | 4065136 | 0.39 | cps |
| Antimony | 121-1 | 2674 | 2644 | 2720 | 2679 | 1.44 | cps |
| Arsenic | 75-2 | 9640 | 9316 | 9393 | 9450 | 1.79 | cps |
| Barium | 135-1 | 652651 | 654862 | 657896 | 655136 | 0.40 | cps |
| Barium | 137-1 | 1140576 | 1139307 | 1134617 | 1138167 | 0.28 | cps |
| Beryllium | 9-1 | 1567 | 1520 | 1457 | 1515 | 3.65 | cps |
| Bismuth | 209-1 | 8486343 | 8454854 | 8473647 | 8471615 | 0.19 | cps |
| Bismuth | 209-2 | 7152522 | 7138537 | 7098807 | 7129955 | 0.39 | cps |
| Bromine | 81-1 | 16820 | 17330 | 17003 | 17051 | 1.52 | cps |
| Bromine | 81-2 | 707 | 803 | 743 | 751 | 6.50 | cps |
| Cadmium | 108-1 | 210 | 247 | 230 | 229 | 8.02 | cps |
| Cadmium | 106-1 | 3927 | 3761 | 3737 | 3808 | 2.72 | cps |
| Cadmium | 111-1 | 4726 | 4480 | 4435 | 4547 | 3.44 | cps |
| Calcium | 43-1 | 5546196 | 5545372 | 5479331 | 5523633 | 0.69 | cps |
| Calcium | 44-1 | 88726495 | 88883812 | 87863712 | 88491340 | 0.62 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 166032 | 165645 | 166049 | 165909 | 0.14 | cps |
| Cobalt | 59-2 | 137519 | 138102 | 136315 | 137312 | 0.66 | cps |
| Copper | 63-2 | 189935 | 192808 | 188983 | 190575 | 1.04 | cps |
| Dysprosium | 156-1 | 60282 | 60319 | 60573 | 60391 | 0.26 | cps |
| Dysprosium | 156-2 | 48507 | 48269 | 48470 | 48415 | 0.26 | cps |
| Erbium | 164-1 | 53027 | 53535 | 52973 | 53178 | 0.58 | cps |
| Erbium | 164-2 | 37621 | 37450 | 37260 | 37443 | 0.48 | cps |
| Gadolinium | 160-1 | 61109 | 60681 | 59867 | 60552 | 1.04 | cps |
| Gadolinium | 160-2 | 44584 | 45206 | 44718 | 44836 | 0.73 | cps |
| Holmium | 165-1 | 14518915 | 14574407 | 14487479 | 14526934 | 0.30 | cps |
| Holmium | 165-2 | 10314551 | 10129201 | 10196627 | 10213460 | 0.92 | cps |
| Indium | 115-1 | 11760009 | 11979575 | 11900117 | 11879900 | 0.94 | cps |
| Indium | 115-2 | 4206859 | 4219303 | 4233929 | 4220030 | 0.32 | cps |
| Iron | 56-2 | 173139917 | 171022251 | 170925577 | 171695915 | 0.73 | cps |
| Iron | 57-2 | 4335259 | 4340427 | 4313868 | 4329851 | 0.33 | cps |
| Iron | 54-2 | 9411903 | 9295067 | 9146360 | 9284443 | 1.43 | cps |
| Krypton | 83-1 | 300 | 317 | 307 | 308 | 2.72 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:52:35 | DataFile Name : | 064SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 283414 | 280892 | 281483 | 281930 | 0.47 | cps |
| Lead | 207-1 | 234178 | 235464 | 234675 | 234772 | 0.28 | cps |
| Lead | 208-1 | 1090635 | 1095071 | 1089266 | 1091658 | 0.28 | cps |
| Lithium | 6-1 | 1824658 | 1776456 | 1831312 | 1810809 | 1.65 | cps |
| Magnesium | 24-2 | 22061083 | 22249080 | 22081005 | 22130389 | 0.47 | cps |
| Manganese | 55-2 | 3937890 | 3934160 | 3945087 | 3939046 | 0.14 | cps |
| Molybdenum | 94-1 | 40874 | 41756 | 40335 | 40988 | 1.75 | cps |
| Molybdenum | 95-1 | 36693 | 36379 | 37458 | 36843 | 1.51 | cps |
| Molybdenum | 96-1 | 44822 | 45052 | 44481 | 44785 | 0.64 | cps |
| Molybdenum | 97-1 | 23649 | 23185 | 23192 | 23342 | 1.14 | cps |
| Molybdenum | 98-1 | 59708 | 59132 | 59059 | 59300 | 0.60 | cps |
| Neodymium | 150-1 | 90927 | 92138 | 91179 | 91415 | 0.70 | cps |
| Neodymium | 150-2 | 55435 | 54659 | 54869 | 54988 | 0.73 | cps |
| Nickel | 60-2 | 84623 | 84543 | 84429 | 84532 | 0.12 | cps |
| Phosphorus | 31-2 | 9183 | 9503 | 9563 | 9416 | 2.17 | cps |
| Potassium | 39-2 | 887778 | 889478 | 886124 | 887793 | 0.19 | cps |
| Rhodium | 103-1 | 10698081 | 10717153 | 10683799 | 10699678 | 0.16 | cps |
| Rhodium | 103-2 | 6481877 | 6419961 | 6404188 | 6435342 | 0.64 | cps |
| Scandium | 45-1 | 6616514 | 6611679 | 6638796 | 6622330 | 0.22 | cps |
| Scandium | 45-2 | 551908 | 558357 | 556655 | 555640 | 0.60 | cps |
| Selenium | 82-1 | 321 | 314 | 291 | 309 | 5.12 | cps |
| Selenium | 77-2 | 170 | 147 | 137 | 151 | 11.32 | cps |
| Selenium | 78-2 | 653 | 610 | 560 | 608 | 7.69 | cps |
| Silicon | 28-1 | 45333503 | 45355571 | 44958024 | 45215699 | 0.49 | cps |
| Silver | 107-1 | 1517 | 1607 | 1647 | 1590 | 4.19 | cps |
| Silver | 109-1 | 1487 | 1700 | 1467 | 1551 | 8.34 | cps |
| Sodium | 23-2 | 193155 | 193098 | 194674 | 193642 | 0.46 | cps |
| Strontium | 86-1 | 2292002 | 2288898 | 2254064 | 2278321 | 0.92 | cps |
| Strontium | 88-1 | 19778731 | 19619553 | 19621701 | 19673328 | 0.46 | cps |
| Sulfur | 34-1 | 254031 | 255791 | 256427 | 255416 | 0.49 | cps |
| Terbium | 159-1 | 15116724 | 15019591 | 14842524 | 14992946 | 0.93 | cps |
| Terbium | 159-2 | 10221673 | 10141664 | 10150809 | 10171382 | 0.43 | cps |
| Thallium | 203-1 | 4271 | 4567 | 4541 | 4460 | 3.68 | cps |
| Thallium | 205-1 | 10307 | 10347 | 10074 | 10243 | 1.44 | cps |
| Tin | 118-1 | 7759 | 7939 | 7525 | 7741 | 2.68 | cps |
| Titanium | 47-1 | 153752 | 152859 | 151661 | 152757 | 0.69 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:52:35 | DataFile Name : | 064SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 81122 | 82094 | 82363 | 81859 | 0.80 | cps |
| Vanadium | 51-2 | 175734 | 176718 | 174462 | 175638 | 0.64 | cps |
| Yttrium | 89-1 | 14907282 | 14825414 | 14702056 | 14811584 | 0.70 | cps |
| Yttrium | 89-2 | 3884832 | 3809549 | 3850092 | 3848158 | 0.98 | cps |
| Zinc | 66-2 | 126089 | 127485 | 127280 | 126951 | 0.59 | cps |
| Zirconium | 90-1 | 52657 | 52634 | 51958 | 52416 | 0.76 | cps |
| Zirconium | 91-1 | 11521 | 11575 | 11688 | 11595 | 0.73 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:55:46 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3357014 | 3355203 | 3364150 | 3358789 | 0.14 | cps |
| Antimony | 121-1 | 21149 | 21313 | 21590 | 21350 | 1.04 | cps |
| Arsenic | 75-2 | 56611 | 57792 | 57220 | 57207 | 1.03 | cps |
| Barium | 135-1 | 2472039 | 2484998 | 2413196 | 2456744 | 1.56 | cps |
| Barium | 137-1 | 4254111 | 4253467 | 4204511 | 4237363 | 0.67 | cps |
| Beryllium | 9-1 | 1920 | 1940 | 1853 | 1905 | 2.38 | cps |
| Bismuth | 209-1 | 8654296 | 8662183 | 8476665 | 8597715 | 1.22 | cps |
| Bismuth | 209-2 | 7146404 | 7243450 | 7148797 | 7179550 | 0.77 | cps |
| Bromine | 81-1 | 15585 | 15618 | 16306 | 15836 | 2.57 | cps |
| Bromine | 81-2 | 563 | 493 | 557 | 538 | 7.18 | cps |
| Cadmium | 108-1 | 1360 | 1483 | 1453 | 1432 | 4.49 | cps |
| Cadmium | 106-1 | 5965 | 5501 | 5494 | 5653 | 4.77 | cps |
| Cadmium | 111-1 | 20741 | 20450 | 20830 | 20673 | 0.96 | cps |
| Calcium | 43-1 | 5624205 | 5604307 | 5564337 | 5597616 | 0.54 | cps |
| Calcium | 44-1 | 88619779 | 89748922 | 88536619 | 88968440 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 231006 | 230820 | 231939 | 231255 | 0.26 | cps |
| Cobalt | 59-2 | 80836 | 79814 | 80176 | 80275 | 0.65 | cps |
| Copper | 63-2 | 525879 | 527253 | 524518 | 525883 | 0.26 | cps |
| Dysprosium | 156-1 | 33680 | 34319 | 33921 | 33973 | 0.95 | cps |
| Dysprosium | 156-2 | 27607 | 28015 | 27888 | 27837 | 0.75 | cps |
| Erbium | 164-1 | 32314 | 32417 | 32294 | 32342 | 0.20 | cps |
| Erbium | 164-2 | 23093 | 22962 | 22732 | 22929 | 0.80 | cps |
| Gadolinium | 160-1 | 33533 | 34138 | 33614 | 33762 | 0.97 | cps |
| Gadolinium | 160-2 | 25346 | 25470 | 25657 | 25491 | 0.61 | cps |
| Holmium | 165-1 | 14581575 | 14543144 | 14497754 | 14540824 | 0.29 | cps |
| Holmium | 165-2 | 10170530 | 10151448 | 10142374 | 10154784 | 0.14 | cps |
| Indium | 115-1 | 12007725 | 11694524 | 11685849 | 11796033 | 1.55 | cps |
| Indium | 115-2 | 4332333 | 4248569 | 4288023 | 4289642 | 0.98 | cps |
| Iron | 56-2 | 245968963 | 246323310 | 249105750 | 247132674 | 0.70 | cps |
| Iron | 57-2 | 6201913 | 6144886 | 6209304 | 6185368 | 0.57 | cps |
| Iron | 54-2 | 13254661 | 13300604 | 13344676 | 13299980 | 0.34 | cps |
| Krypton | 83-1 | 257 | 267 | 327 | 283 | 13.36 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:55:46 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 12995736 | 13113279 | 12778073 | 12962362 | 1.31 | cps |
| Lead | 207-1 | 10865298 | 10928955 | 10852958 | 10882404 | 0.37 | cps |
| Lead | 208-1 | 50574054 | 50974776 | 50077862 | 50542230 | 0.89 | cps |
| Lithium | 6-1 | 1826673 | 1765239 | 1813902 | 1801938 | 1.80 | cps |
| Magnesium | 24-2 | 9358884 | 9364142 | 9288393 | 9337140 | 0.45 | cps |
| Manganese | 55-2 | 2384433 | 2364174 | 2417275 | 2388627 | 1.12 | cps |
| Molybdenum | 94-1 | 108145 | 109818 | 108626 | 108863 | 0.79 | cps |
| Molybdenum | 95-1 | 39433 | 39584 | 40148 | 39722 | 0.95 | cps |
| Molybdenum | 96-1 | 59845 | 59711 | 59651 | 59736 | 0.17 | cps |
| Molybdenum | 97-1 | 24708 | 25419 | 24708 | 24945 | 1.65 | cps |
| Molybdenum | 98-1 | 64090 | 65201 | 64485 | 64592 | 0.87 | cps |
| Neodymium | 150-1 | 52297 | 52320 | 50473 | 51697 | 2.05 | cps |
| Neodymium | 150-2 | 30971 | 31208 | 31007 | 31062 | 0.41 | cps |
| Nickel | 60-2 | 75056 | 75495 | 75026 | 75193 | 0.35 | cps |
| Phosphorus | 31-2 | 7879 | 8066 | 7782 | 7909 | 1.82 | cps |
| Potassium | 39-2 | 989656 | 986923 | 991027 | 989202 | 0.21 | cps |
| Rhodium | 103-1 | 10665623 | 10640744 | 10675501 | 10660622 | 0.17 | cps |
| Rhodium | 103-2 | 6398012 | 6386485 | 6452033 | 6412177 | 0.55 | cps |
| Scandium | 45-1 | 6612113 | 6620606 | 6505859 | 6579526 | 0.97 | cps |
| Scandium | 45-2 | 560371 | 559642 | 562983 | 560999 | 0.31 | cps |
| Selenium | 82-1 | 1513 | 1411 | 1364 | 1429 | 5.33 | cps |
| Selenium | 77-2 | 260 | 183 | 250 | 231 | 18.03 | cps |
| Selenium | 78-2 | 867 | 910 | 883 | 887 | 2.47 | cps |
| Silicon | 28-1 | 45788449 | 45754384 | 45779266 | 45774033 | 0.04 | cps |
| Silver | 107-1 | 2360 | 2487 | 2280 | 2376 | 4.39 | cps |
| Silver | 109-1 | 1943 | 2177 | 2023 | 2048 | 5.79 | cps |
| Sodium | 23-2 | 372286 | 371585 | 374587 | 372819 | 0.42 | cps |
| Strontium | 86-1 | 2669691 | 2693478 | 2685107 | 2682759 | 0.45 | cps |
| Strontium | 88-1 | 22937464 | 23375777 | 23291315 | 23201519 | 1.00 | cps |
| Sulfur | 34-1 | 334532 | 332875 | 332749 | 333385 | 0.30 | cps |
| Terbium | 159-1 | 14925255 | 14908544 | 14856850 | 14896883 | 0.24 | cps |
| Terbium | 159-2 | 10303973 | 10039818 | 10118230 | 10154007 | 1.34 | cps |
| Thallium | 203-1 | 9400 | 9103 | 9433 | 9312 | 1.95 | cps |
| Thallium | 205-1 | 21944 | 22455 | 22495 | 22298 | 1.38 | cps |
| Tin | 118-1 | 70521 | 70625 | 69875 | 70340 | 0.58 | cps |
| Titanium | 47-1 | 757425 | 761914 | 757955 | 759098 | 0.32 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:55:46 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 83322 | 84305 | 82537 | 83388 | 1.06 | cps |
| Vanadium | 51-2 | 188728 | 190847 | 188137 | 189237 | 0.75 | cps |
| Yttrium | 89-1 | 14447534 | 14486854 | 14545149 | 14493179 | 0.34 | cps |
| Yttrium | 89-2 | 3753226 | 3761589 | 3787069 | 3767294 | 0.47 | cps |
| Zinc | 66-2 | 1187955 | 1195646 | 1198165 | 1193922 | 0.45 | cps |
| Zirconium | 90-1 | 234117 | 235857 | 235985 | 235320 | 0.44 | cps |
| Zirconium | 91-1 | 52437 | 52212 | 52992 | 52547 | 0.76 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:58:50 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3750819 | 3711286 | 3722753 | 3728286 | 0.55 | cps |
| Antimony | 121-1 | 4984 | 4881 | 4604 | 4823 | 4.08 | cps |
| Arsenic | 75-2 | 6875 | 6945 | 6822 | 6881 | 0.90 | cps |
| Barium | 135-1 | 469782 | 465220 | 465855 | 466952 | 0.53 | cps |
| Barium | 137-1 | 808028 | 813628 | 808505 | 810054 | 0.38 | cps |
| Beryllium | 9-1 | 1883 | 1807 | 1933 | 1875 | 3.40 | cps |
| Bismuth | 209-1 | 8243966 | 8340180 | 8334207 | 8306118 | 0.65 | cps |
| Bismuth | 209-2 | 7040158 | 7027359 | 7034934 | 7034151 | 0.09 | cps |
| Bromine | 81-1 | 15935 | 15441 | 16055 | 15811 | 2.06 | cps |
| Bromine | 81-2 | 527 | 480 | 443 | 483 | 8.64 | cps |
| Cadmium | 108-1 | 343 | 293 | 390 | 342 | 14.13 | cps |
| Cadmium | 106-1 | 4147 | 3904 | 3977 | 4009 | 3.11 | cps |
| Cadmium | 111-1 | 4290 | 4101 | 4218 | 4203 | 2.27 | cps |
| Calcium | 43-1 | 8182998 | 8128277 | 8138286 | 8149854 | 0.36 | cps |
| Calcium | 44-1 | 130552478 | 130572741 | 130498811 | 130541344 | 0.03 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 151471 | 150902 | 152835 | 151736 | 0.65 | cps |
| Cobalt | 59-2 | 93770 | 94830 | 95364 | 94655 | 0.86 | cps |
| Copper | 63-2 | 207991 | 206342 | 205967 | 206766 | 0.52 | cps |
| Dysprosium | 156-1 | 58186 | 58501 | 58404 | 58364 | 0.28 | cps |
| Dysprosium | 156-2 | 46932 | 47142 | 46453 | 46842 | 0.75 | cps |
| Erbium | 164-1 | 51431 | 50936 | 50042 | 50803 | 1.39 | cps |
| Erbium | 164-2 | 35238 | 35231 | 35699 | 35389 | 0.76 | cps |
| Gadolinium | 160-1 | 57856 | 58619 | 57470 | 57982 | 1.01 | cps |
| Gadolinium | 160-2 | 43073 | 42956 | 42357 | 42795 | 0.90 | cps |
| Holmium | 165-1 | 14556945 | 14763626 | 14566667 | 14629079 | 0.80 | cps |
| Holmium | 165-2 | 10294515 | 10240910 | 10182883 | 10239436 | 0.55 | cps |
| Indium | 115-1 | 11743387 | 11670681 | 11629601 | 11681223 | 0.49 | cps |
| Indium | 115-2 | 4123918 | 4141892 | 4143387 | 4136399 | 0.26 | cps |
| Iron | 56-2 | 144860691 | 143319561 | 144903148 | 144361133 | 0.63 | cps |
| Iron | 57-2 | 3670009 | 3672708 | 3670668 | 3671128 | 0.04 | cps |
| Iron | 54-2 | 7791840 | 7792798 | 7808316 | 7797651 | 0.12 | cps |
| Krypton | 83-1 | 243 | 390 | 283 | 306 | 24.81 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:58:50 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 302370 | 305651 | 304333 | 304118 | 0.54 | cps |
| Lead | 207-1 | 253019 | 250285 | 248551 | 250618 | 0.90 | cps |
| Lead | 208-1 | 1174637 | 1168448 | 1161714 | 1168266 | 0.55 | cps |
| Lithium | 6-1 | 1763824 | 1750571 | 1805234 | 1773210 | 1.61 | cps |
| Magnesium | 24-2 | 25456330 | 25232217 | 25254615 | 25314388 | 0.49 | cps |
| Manganese | 55-2 | 4019748 | 3999195 | 4000309 | 4006417 | 0.29 | cps |
| Molybdenum | 94-1 | 104979 | 105258 | 105023 | 105087 | 0.14 | cps |
| Molybdenum | 95-1 | 40837 | 39928 | 39426 | 40064 | 1.78 | cps |
| Molybdenum | 96-1 | 58998 | 59002 | 57566 | 58522 | 1.41 | cps |
| Molybdenum | 97-1 | 25382 | 25432 | 25085 | 25300 | 0.74 | cps |
| Molybdenum | 98-1 | 65161 | 65707 | 63936 | 64935 | 1.40 | cps |
| Neodymium | 150-1 | 89257 | 89864 | 89357 | 89492 | 0.36 | cps |
| Neodymium | 150-2 | 53140 | 53032 | 52059 | 52744 | 1.13 | cps |
| Nickel | 60-2 | 68271 | 68820 | 68502 | 68531 | 0.40 | cps |
| Phosphorus | 31-2 | 9066 | 9373 | 9096 | 9178 | 1.84 | cps |
| Potassium | 39-2 | 1367526 | 1338486 | 1323724 | 1343245 | 1.66 | cps |
| Rhodium | 103-1 | 10548369 | 10466856 | 10418905 | 10478043 | 0.62 | cps |
| Rhodium | 103-2 | 6254371 | 6200368 | 6175682 | 6210140 | 0.65 | cps |
| Scandium | 45-1 | 6546402 | 6541553 | 6543375 | 6543777 | 0.04 | cps |
| Scandium | 45-2 | 545597 | 539751 | 536930 | 540759 | 0.82 | cps |
| Selenium | 82-1 | 476 | 312 | 296 | 362 | 27.62 | cps |
| Selenium | 77-2 | 163 | 193 | 147 | 168 | 14.10 | cps |
| Selenium | 78-2 | 560 | 537 | 580 | 559 | 3.88 | cps |
| Silicon | 28-1 | 134580868 | 136095378 | 135012785 | 135229677 | 0.58 | cps |
| Silver | 107-1 | 1563 | 1760 | 1653 | 1659 | 5.94 | cps |
| Silver | 109-1 | 1383 | 1333 | 1330 | 1349 | 2.22 | cps |
| Sodium | 23-2 | 577259 | 575088 | 571882 | 574743 | 0.47 | cps |
| Strontium | 86-1 | 4413553 | 4469565 | 4484981 | 4456033 | 0.84 | cps |
| Strontium | 88-1 | 38389418 | 38642338 | 38881111 | 38637622 | 0.64 | cps |
| Sulfur | 34-1 | 338271 | 337426 | 338217 | 337971 | 0.14 | cps |
| Terbium | 159-1 | 15130938 | 14968724 | 14946623 | 15015428 | 0.67 | cps |
| Terbium | 159-2 | 10076339 | 10082967 | 10017116 | 10058808 | 0.36 | cps |
| Thallium | 203-1 | 4044 | 4177 | 4297 | 4173 | 3.04 | cps |
| Thallium | 205-1 | 10324 | 9900 | 10084 | 10103 | 2.10 | cps |
| Tin | 118-1 | 77651 | 77175 | 77276 | 77367 | 0.32 | cps |
| Titanium | 47-1 | 476936 | 479377 | 476970 | 477761 | 0.29 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 14:58:50 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 89321 | 89075 | 89035 | 89143 | 0.17 | cps |
| Vanadium | 51-2 | 125042 | 123792 | 121840 | 123558 | 1.31 | cps |
| Yttrium | 89-1 | 14649124 | 14689504 | 14510997 | 14616541 | 0.64 | cps |
| Yttrium | 89-2 | 3771680 | 3737038 | 3704287 | 3737668 | 0.90 | cps |
| Zinc | 66-2 | 162843 | 162567 | 159781 | 161730 | 1.05 | cps |
| Zirconium | 90-1 | 223274 | 222602 | 223109 | 222995 | 0.16 | cps |
| Zirconium | 91-1 | 48945 | 48701 | 49329 | 48991 | 0.65 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:02:02 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6035239 | 5991716 | 5921134 | 5982696 | 0.96 | cps |
| Antimony | 121-1 | 2517 | 2430 | 2504 | 2484 | 1.88 | cps |
| Arsenic | 75-2 | 13963 | 13750 | 13843 | 13852 | 0.77 | cps |
| Barium | 135-1 | 542055 | 553213 | 550937 | 548735 | 1.07 | cps |
| Barium | 137-1 | 937714 | 957506 | 960693 | 951971 | 1.31 | cps |
| Beryllium | 9-1 | 2610 | 2784 | 2610 | 2668 | 3.75 | cps |
| Bismuth | 209-1 | 8999837 | 8629404 | 8819522 | 8816254 | 2.10 | cps |
| Bismuth | 209-2 | 7556296 | 7410425 | 7345574 | 7437432 | 1.45 | cps |
| Bromine | 81-1 | 17667 | 19022 | 19236 | 18642 | 4.56 | cps |
| Bromine | 81-2 | 1163 | 1057 | 1150 | 1123 | 5.17 | cps |
| Cadmium | 108-1 | 223 | 300 | 290 | 271 | 15.37 | cps |
| Cadmium | 106-1 | 4054 | 3811 | 3767 | 3877 | 3.99 | cps |
| Cadmium | 111-1 | 4992 | 4801 | 4648 | 4813 | 3.58 | cps |
| Calcium | 43-1 | 361048 | 368428 | 365839 | 365105 | 1.03 | cps |
| Calcium | 44-1 | 5495000 | 5643183 | 5567700 | 5568628 | 1.33 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 207750 | 206088 | 206679 | 206839 | 0.41 | cps |
| Cobalt | 59-2 | 238062 | 239037 | 238153 | 238417 | 0.23 | cps |
| Copper | 63-2 | 244347 | 243954 | 243358 | 243886 | 0.20 | cps |
| Dysprosium | 156-1 | 77730 | 78983 | 77787 | 78167 | 0.91 | cps |
| Dysprosium | 156-2 | 62404 | 63091 | 63067 | 62854 | 0.62 | cps |
| Erbium | 164-1 | 66973 | 69411 | 67240 | 67875 | 1.97 | cps |
| Erbium | 164-2 | 48042 | 48143 | 48163 | 48116 | 0.13 | cps |
| Gadolinium | 160-1 | 74611 | 75978 | 76487 | 75692 | 1.28 | cps |
| Gadolinium | 160-2 | 56831 | 56929 | 55844 | 56535 | 1.06 | cps |
| Holmium | 165-1 | 15301508 | 14739912 | 14969183 | 15003534 | 1.88 | cps |
| Holmium | 165-2 | 10468847 | 10593271 | 10345871 | 10469330 | 1.18 | cps |
| Indium | 115-1 | 12622401 | 12065353 | 12121006 | 12269587 | 2.50 | cps |
| Indium | 115-2 | 4369453 | 4377769 | 4368633 | 4371952 | 0.12 | cps |
| Iron | 56-2 | 262151836 | 261894116 | 261909303 | 261985085 | 0.06 | cps |
| Iron | 57-2 | 6326732 | 6353167 | 6390659 | 6356853 | 0.51 | cps |
| Iron | 54-2 | 14087573 | 14082202 | 14132846 | 14100874 | 0.20 | cps |
| Krypton | 83-1 | 253 | 297 | 310 | 287 | 10.34 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:02:02 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 412951 | 415694 | 415086 | 414577 | 0.35 | cps |
| Lead | 207-1 | 337460 | 341104 | 342356 | 340307 | 0.75 | cps |
| Lead | 208-1 | 1584104 | 1609743 | 1603012 | 1598953 | 0.83 | cps |
| Lithium | 6-1 | 1859865 | 1802673 | 1798816 | 1820451 | 1.88 | cps |
| Magnesium | 24-2 | 3431853 | 3435432 | 3390264 | 3419183 | 0.73 | cps |
| Manganese | 55-2 | 8737277 | 8721135 | 8655342 | 8704585 | 0.50 | cps |
| Molybdenum | 94-1 | 55535 | 57502 | 57432 | 56823 | 1.96 | cps |
| Molybdenum | 95-1 | 48165 | 49346 | 50172 | 49228 | 2.05 | cps |
| Molybdenum | 96-1 | 58650 | 60203 | 60287 | 59713 | 1.54 | cps |
| Molybdenum | 97-1 | 30275 | 30859 | 30732 | 30622 | 1.00 | cps |
| Molybdenum | 98-1 | 78275 | 79243 | 79062 | 78860 | 0.65 | cps |
| Neodymium | 150-1 | 115915 | 118462 | 118402 | 117593 | 1.24 | cps |
| Neodymium | 150-2 | 71744 | 70555 | 70830 | 71043 | 0.88 | cps |
| Nickel | 60-2 | 98504 | 98541 | 97954 | 98333 | 0.33 | cps |
| Phosphorus | 31-2 | 7509 | 7372 | 7258 | 7380 | 1.70 | cps |
| Potassium | 39-2 | 1021947 | 1018142 | 1014834 | 1018308 | 0.35 | cps |
| Rhodium | 103-1 | 11412373 | 11085949 | 11194938 | 11231086 | 1.48 | cps |
| Rhodium | 103-2 | 6669942 | 6654959 | 6580796 | 6635232 | 0.72 | cps |
| Scandium | 45-1 | 6903436 | 6681062 | 6712117 | 6765539 | 1.78 | cps |
| Scandium | 45-2 | 570710 | 563242 | 563070 | 565674 | 0.77 | cps |
| Selenium | 82-1 | 405 | 423 | 346 | 391 | 10.36 | cps |
| Selenium | 77-2 | 197 | 210 | 253 | 220 | 13.47 | cps |
| Selenium | 78-2 | 630 | 637 | 583 | 617 | 4.71 | cps |
| Silicon | 28-1 | 43661319 | 44372224 | 44169113 | 44067552 | 0.83 | cps |
| Silver | 107-1 | 2137 | 2144 | 2114 | 2131 | 0.74 | cps |
| Silver | 109-1 | 1987 | 1917 | 2114 | 2006 | 4.97 | cps |
| Sodium | 23-2 | 284801 | 285260 | 286494 | 285518 | 0.31 | cps |
| Strontium | 86-1 | 722396 | 740007 | 736540 | 732981 | 1.27 | cps |
| Strontium | 88-1 | 6606448 | 6618643 | 6577846 | 6600979 | 0.32 | cps |
| Sulfur | 34-1 | 202966 | 202820 | 192638 | 199475 | 2.97 | cps |
| Terbium | 159-1 | 15865532 | 15053821 | 15279971 | 15399775 | 2.72 | cps |
| Terbium | 159-2 | 10397707 | 10366970 | 10366688 | 10377122 | 0.17 | cps |
| Thallium | 203-1 | 5191 | 5064 | 4821 | 5025 | 3.74 | cps |
| Thallium | 205-1 | 11862 | 12252 | 11795 | 11970 | 2.06 | cps |
| Tin | 118-1 | 9046 | 9663 | 9547 | 9419 | 3.48 | cps |
| Titanium | 47-1 | 177626 | 182644 | 183059 | 181110 | 1.67 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:02:02 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 98437 | 100169 | 98262 | 98956 | 1.07 | cps |
| Vanadium | 51-2 | 255837 | 259220 | 255692 | 256916 | 0.78 | cps |
| Yttrium | 89-1 | 15675775 | 15047691 | 15170299 | 15297922 | 2.18 | cps |
| Yttrium | 89-2 | 3921397 | 3993028 | 3935254 | 3949893 | 0.96 | cps |
| Zinc | 66-2 | 128587 | 128413 | 127639 | 128213 | 0.39 | cps |
| Zirconium | 90-1 | 76994 | 78883 | 79095 | 78324 | 1.48 | cps |
| Zirconium | 91-1 | 16873 | 17477 | 16987 | 17112 | 1.88 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:05:12 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3592265 | 3638498 | 3580050 | 3603604 | 0.86 | cps |
| Antimony | 121-1 | 3364 | 3357 | 3287 | 3336 | 1.27 | cps |
| Arsenic | 75-2 | 8689 | 9103 | 8599 | 8797 | 3.05 | cps |
| Barium | 135-1 | 447969 | 450845 | 446671 | 448495 | 0.48 | cps |
| Barium | 137-1 | 779168 | 782544 | 773472 | 778395 | 0.59 | cps |
| Beryllium | 9-1 | 1167 | 1187 | 1190 | 1181 | 1.07 | cps |
| Bismuth | 209-1 | 8411503 | 8524928 | 8604492 | 8513641 | 1.14 | cps |
| Bismuth | 209-2 | 7033915 | 7123947 | 7085404 | 7081089 | 0.64 | cps |
| Bromine | 81-1 | 15391 | 15618 | 15845 | 15618 | 1.45 | cps |
| Bromine | 81-2 | 613 | 497 | 550 | 553 | 10.56 | cps |
| Cadmium | 108-1 | 220 | 193 | 187 | 200 | 8.82 | cps |
| Cadmium | 106-1 | 3837 | 3804 | 3721 | 3787 | 1.59 | cps |
| Cadmium | 111-1 | 3625 | 3634 | 3544 | 3601 | 1.38 | cps |
| Calcium | 43-1 | 7814945 | 7897601 | 7855888 | 7856145 | 0.53 | cps |
| Calcium | 44-1 | 125199278 | 125223301 | 124495341 | 124972640 | 0.33 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 131107 | 129332 | 130851 | 130430 | 0.74 | cps |
| Cobalt | 59-2 | 127869 | 126441 | 127247 | 127185 | 0.56 | cps |
| Copper | 63-2 | 218687 | 218424 | 219439 | 218850 | 0.24 | cps |
| Dysprosium | 156-1 | 67739 | 69169 | 67471 | 68126 | 1.34 | cps |
| Dysprosium | 156-2 | 54408 | 54284 | 53274 | 53989 | 1.15 | cps |
| Erbium | 164-1 | 59965 | 60199 | 59419 | 59861 | 0.67 | cps |
| Erbium | 164-2 | 42083 | 42187 | 41200 | 41824 | 1.30 | cps |
| Gadolinium | 160-1 | 67655 | 69360 | 69049 | 68688 | 1.32 | cps |
| Gadolinium | 160-2 | 50109 | 50638 | 50584 | 50444 | 0.58 | cps |
| Holmium | 165-1 | 14631310 | 14611941 | 14505684 | 14582979 | 0.46 | cps |
| Holmium | 165-2 | 10192357 | 10245447 | 10200058 | 10212621 | 0.28 | cps |
| Indium | 115-1 | 11815699 | 11636727 | 11702290 | 11718239 | 0.77 | cps |
| Indium | 115-2 | 4223073 | 4113941 | 4165468 | 4167494 | 1.31 | cps |
| Iron | 56-2 | 173979124 | 174498617 | 172361391 | 173613044 | 0.64 | cps |
| Iron | 57-2 | 4367890 | 4354611 | 4360821 | 4361107 | 0.15 | cps |
| Iron | 54-2 | 9429200 | 9443348 | 9327653 | 9400067 | 0.67 | cps |
| Krypton | 83-1 | 270 | 340 | 330 | 313 | 12.08 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:05:12 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 179768 | 183229 | 182303 | 181767 | 0.99 | cps |
| Lead | 207-1 | 145934 | 150075 | 148649 | 148219 | 1.42 | cps |
| Lead | 208-1 | 691896 | 698692 | 700383 | 696990 | 0.64 | cps |
| Lithium | 6-1 | 1766685 | 1817898 | 1837258 | 1807280 | 2.02 | cps |
| Magnesium | 24-2 | 13850868 | 13888189 | 13785998 | 13841685 | 0.37 | cps |
| Manganese | 55-2 | 3786556 | 3781681 | 3753575 | 3773937 | 0.47 | cps |
| Molybdenum | 94-1 | 79739 | 79370 | 79363 | 79491 | 0.27 | cps |
| Molybdenum | 95-1 | 64240 | 65358 | 65676 | 65092 | 1.16 | cps |
| Molybdenum | 96-1 | 79113 | 79759 | 78469 | 79113 | 0.82 | cps |
| Molybdenum | 97-1 | 40449 | 41201 | 40118 | 40590 | 1.37 | cps |
| Molybdenum | 98-1 | 106091 | 106347 | 106723 | 106387 | 0.30 | cps |
| Neodymium | 150-1 | 104795 | 105467 | 104657 | 104973 | 0.41 | cps |
| Neodymium | 150-2 | 61952 | 62196 | 61266 | 61805 | 0.78 | cps |
| Nickel | 60-2 | 87017 | 86152 | 85613 | 86261 | 0.82 | cps |
| Phosphorus | 31-2 | 12555 | 12926 | 12539 | 12673 | 1.73 | cps |
| Potassium | 39-2 | 1144515 | 1141149 | 1131883 | 1139182 | 0.57 | cps |
| Rhodium | 103-1 | 10604584 | 10628515 | 10565319 | 10599473 | 0.30 | cps |
| Rhodium | 103-2 | 6388503 | 6230914 | 6255512 | 6291643 | 1.35 | cps |
| Scandium | 45-1 | 6534223 | 6587014 | 6545603 | 6555614 | 0.42 | cps |
| Scandium | 45-2 | 547722 | 538883 | 541228 | 542611 | 0.84 | cps |
| Selenium | 82-1 | 345 | 241 | 291 | 292 | 17.67 | cps |
| Selenium | 77-2 | 240 | 207 | 203 | 217 | 9.36 | cps |
| Selenium | 78-2 | 513 | 493 | 603 | 537 | 10.92 | cps |
| Silicon | 28-1 | 34631468 | 34316194 | 33832055 | 34259906 | 1.18 | cps |
| Silver | 107-1 | 1140 | 1140 | 1267 | 1182 | 6.19 | cps |
| Silver | 109-1 | 1030 | 1063 | 1067 | 1053 | 1.92 | cps |
| Sodium | 23-2 | 323554 | 324316 | 323132 | 323667 | 0.19 | cps |
| Strontium | 86-1 | 1502947 | 1522949 | 1505072 | 1510323 | 0.73 | cps |
| Strontium | 88-1 | 12825041 | 13136418 | 13130530 | 13030663 | 1.37 | cps |
| Sulfur | 34-1 | 208684 | 208401 | 208512 | 208532 | 0.07 | cps |
| Terbium | 159-1 | 14953853 | 15143575 | 14918627 | 15005352 | 0.81 | cps |
| Terbium | 159-2 | 10077785 | 10005775 | 10077466 | 10053675 | 0.41 | cps |
| Thallium | 203-1 | 5038 | 5221 | 4921 | 5060 | 2.99 | cps |
| Thallium | 205-1 | 11638 | 11829 | 11765 | 11744 | 0.82 | cps |
| Tin | 118-1 | 7119 | 7192 | 6905 | 7072 | 2.11 | cps |
| Titanium | 47-1 | 365764 | 367686 | 364509 | 365986 | 0.44 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:05:12 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 77296 | 77078 | 76796 | 77057 | 0.32 | cps |
| Vanadium | 51-2 | 144954 | 143985 | 142801 | 143914 | 0.75 | cps |
| Yttrium | 89-1 | 14649270 | 14744458 | 14726737 | 14706822 | 0.34 | cps |
| Yttrium | 89-2 | 3753340 | 3732001 | 3774581 | 3753307 | 0.57 | cps |
| Zinc | 66-2 | 102374 | 102206 | 102720 | 102433 | 0.26 | cps |
| Zirconium | 90-1 | 116101 | 117293 | 116276 | 116557 | 0.55 | cps |
| Zirconium | 91-1 | 25512 | 25302 | 25779 | 25531 | 0.94 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:08:25 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 457368 | 455307 | 451959 | 454878 | 0.60 | cps |
| Antimony | 121-1 | 2257 | 2197 | 2290 | 2248 | 2.10 | cps |
| Arsenic | 75-2 | 1660 | 1910 | 1760 | 1777 | 7.08 | cps |
| Barium | 135-1 | 149034 | 149589 | 150849 | 149824 | 0.62 | cps |
| Barium | 137-1 | 258272 | 254869 | 260675 | 257939 | 1.13 | cps |
| Beryllium | 9-1 | 217 | 290 | 227 | 244 | 16.27 | cps |
| Bismuth | 209-1 | 8130749 | 8136389 | 8121425 | 8129521 | 0.09 | cps |
| Bismuth | 209-2 | 6880593 | 6803422 | 6910062 | 6864692 | 0.80 | cps |
| Bromine | 81-1 | 17120 | 17851 | 17787 | 17586 | 2.30 | cps |
| Bromine | 81-2 | 687 | 757 | 663 | 702 | 6.92 | cps |
| Cadmium | 108-1 | 90 | 87 | 110 | 96 | 13.21 | cps |
| Cadmium | 106-1 | 3971 | 3704 | 3957 | 3877 | 3.88 | cps |
| Cadmium | 111-1 | 3136 | 2995 | 3150 | 3094 | 2.77 | cps |
| Calcium | 43-1 | 16033145 | 16114234 | 16210707 | 16119362 | 0.55 | cps |
| Calcium | 44-1 | 254458956 | 257733849 | 262356389 | 258183065 | 1.54 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 53264 | 53491 | 53505 | 53420 | 0.25 | cps |
| Cobalt | 59-2 | 18084 | 18585 | 18405 | 18358 | 1.38 | cps |
| Copper | 63-2 | 33654 | 33815 | 34252 | 33907 | 0.91 | cps |
| Dysprosium | 156-1 | 12723 | 12879 | 12396 | 12666 | 1.95 | cps |
| Dysprosium | 156-2 | 9964 | 10027 | 9860 | 9950 | 0.85 | cps |
| Erbium | 164-1 | 13480 | 13567 | 13363 | 13470 | 0.76 | cps |
| Erbium | 164-2 | 9507 | 9700 | 9613 | 9607 | 1.01 | cps |
| Gadolinium | 160-1 | 12623 | 12989 | 13133 | 12915 | 2.04 | cps |
| Gadolinium | 160-2 | 10094 | 10130 | 9847 | 10024 | 1.54 | cps |
| Holmium | 165-1 | 14981059 | 14705312 | 14649648 | 14778673 | 1.20 | cps |
| Holmium | 165-2 | 10343660 | 10349417 | 10425345 | 10372807 | 0.44 | cps |
| Indium | 115-1 | 11950886 | 11881928 | 11912802 | 11915205 | 0.29 | cps |
| Indium | 115-2 | 4289789 | 4293673 | 4275306 | 4286256 | 0.23 | cps |
| Iron | 56-2 | 24915450 | 24666485 | 24663298 | 24748411 | 0.58 | cps |
| Iron | 57-2 | 872284 | 880521 | 886870 | 879892 | 0.83 | cps |
| Iron | 54-2 | 1361178 | 1346386 | 1346315 | 1351293 | 0.63 | cps |
| Krypton | 83-1 | 343 | 287 | 337 | 322 | 9.61 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:08:25 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 50300 | 50012 | 49677 | 49996 | 0.62 | cps |
| Lead | 207-1 | 36044 | 36048 | 35770 | 35954 | 0.44 | cps |
| Lead | 208-1 | 172851 | 173219 | 174386 | 173485 | 0.46 | cps |
| Lithium | 6-1 | 1752435 | 1691676 | 1762024 | 1735379 | 2.20 | cps |
| Magnesium | 24-2 | 121644165 | 121854145 | 121269432 | 121589247 | 0.24 | cps |
| Manganese | 55-2 | 814677 | 819733 | 814618 | 816343 | 0.36 | cps |
| Molybdenum | 94-1 | 31561 | 31564 | 32058 | 31728 | 0.90 | cps |
| Molybdenum | 95-1 | 12842 | 13096 | 13536 | 13158 | 2.67 | cps |
| Molybdenum | 96-1 | 17934 | 18642 | 18859 | 18478 | 2.62 | cps |
| Molybdenum | 97-1 | 8032 | 7882 | 8609 | 8175 | 4.70 | cps |
| Molybdenum | 98-1 | 21676 | 21449 | 21296 | 21474 | 0.89 | cps |
| Neodymium | 150-1 | 16854 | 16834 | 16810 | 16832 | 0.13 | cps |
| Neodymium | 150-2 | 10534 | 10117 | 10244 | 10298 | 2.08 | cps |
| Nickel | 60-2 | 22490 | 22600 | 22220 | 22437 | 0.87 | cps |
| Phosphorus | 31-2 | 1967 | 1927 | 2013 | 1969 | 2.20 | cps |
| Potassium | 39-2 | 315851 | 319652 | 319083 | 318195 | 0.64 | cps |
| Rhodium | 103-1 | 10661798 | 10650201 | 10751997 | 10687999 | 0.52 | cps |
| Rhodium | 103-2 | 6525249 | 6438436 | 6468771 | 6477485 | 0.68 | cps |
| Scandium | 45-1 | 6787456 | 6730840 | 6820726 | 6779674 | 0.67 | cps |
| Scandium | 45-2 | 600740 | 594009 | 603947 | 599565 | 0.85 | cps |
| Selenium | 82-1 | 332 | 352 | 314 | 333 | 5.66 | cps |
| Selenium | 77-2 | 33 | 43 | 40 | 39 | 13.09 | cps |
| Selenium | 78-2 | 547 | 540 | 550 | 546 | 0.93 | cps |
| Silicon | 28-1 | 12269399 | 12399266 | 12467806 | 12378824 | 0.81 | cps |
| Silver | 107-1 | 653 | 850 | 943 | 816 | 18.15 | cps |
| Silver | 109-1 | 493 | 687 | 850 | 677 | 26.39 | cps |
| Sodium | 23-2 | 461347 | 456617 | 459857 | 459274 | 0.53 | cps |
| Strontium | 86-1 | 1889825 | 1896483 | 1879690 | 1888666 | 0.45 | cps |
| Strontium | 88-1 | 16347321 | 16476052 | 16401270 | 16408214 | 0.39 | cps |
| Sulfur | 34-1 | 319371 | 325346 | 330585 | 325101 | 1.73 | cps |
| Terbium | 159-1 | 15488584 | 15105533 | 15314446 | 15302854 | 1.25 | cps |
| Terbium | 159-2 | 10275281 | 10360341 | 10207327 | 10280983 | 0.75 | cps |
| Thallium | 203-1 | 1547 | 1630 | 1727 | 1635 | 5.51 | cps |
| Thallium | 205-1 | 3397 | 3644 | 3754 | 3598 | 5.08 | cps |
| Tin | 118-1 | 3557 | 3357 | 3524 | 3479 | 3.08 | cps |
| Titanium | 47-1 | 64222 | 65273 | 65725 | 65074 | 1.19 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:08:25 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 142948 | 143746 | 143511 | 143402 | 0.29 | cps |
| Vanadium | 51-2 | 51999 | 51507 | 51808 | 51772 | 0.48 | cps |
| Yttrium | 89-1 | 14681728 | 14541123 | 14771063 | 14664638 | 0.79 | cps |
| Yttrium | 89-2 | 3921202 | 3813869 | 3913719 | 3882930 | 1.54 | cps |
| Zinc | 66-2 | 21706 | 21682 | 21309 | 21566 | 1.03 | cps |
| Zirconium | 90-1 | 65652 | 64715 | 66480 | 65616 | 1.35 | cps |
| Zirconium | 91-1 | 14467 | 14954 | 14254 | 14558 | 2.47 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:11:38 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3900290 | 3841651 | 3827870 | 3856604 | 1.00 | cps |
| Antimony | 121-1 | 38832 | 38769 | 38592 | 38731 | 0.32 | cps |
| Arsenic | 75-2 | 16870 | 16493 | 16346 | 16569 | 1.63 | cps |
| Barium | 135-1 | 935571 | 936630 | 925272 | 932491 | 0.67 | cps |
| Barium | 137-1 | 1703433 | 1690648 | 1681037 | 1691706 | 0.66 | cps |
| Beryllium | 9-1 | 2427 | 2190 | 2144 | 2254 | 6.74 | cps |
| Bismuth | 209-1 | 8849887 | 8789886 | 8821437 | 8820403 | 0.34 | cps |
| Bismuth | 209-2 | 7255375 | 7262618 | 7244657 | 7254217 | 0.12 | cps |
| Bromine | 81-1 | 18438 | 19193 | 19216 | 18949 | 2.33 | cps |
| Bromine | 81-2 | 1303 | 1220 | 1317 | 1280 | 4.09 | cps |
| Cadmium | 108-1 | 697 | 653 | 707 | 686 | 4.13 | cps |
| Cadmium | 106-1 | 4567 | 4647 | 4407 | 4541 | 2.69 | cps |
| Cadmium | 111-1 | 10021 | 9688 | 9852 | 9854 | 1.69 | cps |
| Calcium | 43-1 | 2488876 | 2451661 | 2404870 | 2448469 | 1.72 | cps |
| Calcium | 44-1 | 39693906 | 38995449 | 38403164 | 39030839 | 1.66 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1933790 | 1905138 | 1930251 | 1923060 | 0.81 | cps |
| Cobalt | 59-2 | 121073 | 120058 | 120475 | 120535 | 0.42 | cps |
| Copper | 63-2 | 3587236 | 3559288 | 3546394 | 3564306 | 0.59 | cps |
| Dysprosium | 156-1 | 62843 | 61822 | 61537 | 62067 | 1.11 | cps |
| Dysprosium | 156-2 | 49651 | 49728 | 49346 | 49575 | 0.41 | cps |
| Erbium | 164-1 | 58769 | 57722 | 58020 | 58170 | 0.93 | cps |
| Erbium | 164-2 | 41257 | 40626 | 40305 | 40729 | 1.19 | cps |
| Gadolinium | 160-1 | 62221 | 61970 | 61253 | 61814 | 0.81 | cps |
| Gadolinium | 160-2 | 45547 | 45069 | 44072 | 44896 | 1.68 | cps |
| Holmium | 165-1 | 14959251 | 14720791 | 14673210 | 14784417 | 1.04 | cps |
| Holmium | 165-2 | 10180462 | 10234009 | 10183016 | 10199162 | 0.30 | cps |
| Indium | 115-1 | 11896996 | 11817529 | 11755999 | 11823508 | 0.60 | cps |
| Indium | 115-2 | 4140105 | 4106691 | 4059594 | 4102130 | 0.99 | cps |
| Iron | 56-2 | 333434035 | 328358642 | 329060908 | 330284528 | 0.83 | cps |
| Iron | 57-2 | 8145865 | 7992449 | 8078503 | 8072272 | 0.95 | cps |
| Iron | 54-2 | 17897196 | 17710366 | 17821116 | 17809559 | 0.53 | cps |
| Krypton | 83-1 | 357 | 377 | 273 | 336 | 16.33 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:11:38 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3786737 | 3824567 | 3772846 | 3794717 | 0.71 | cps |
| Lead | 207-1 | 3399174 | 3416888 | 3415062 | 3410375 | 0.29 | cps |
| Lead | 208-1 | 15247227 | 15506815 | 15436849 | 15396963 | 0.87 | cps |
| Lithium | 6-1 | 1901885 | 1889317 | 1834087 | 1875096 | 1.92 | cps |
| Magnesium | 24-2 | 6155904 | 6136449 | 6059139 | 6117164 | 0.84 | cps |
| Manganese | 55-2 | 4099099 | 4061799 | 4107224 | 4089374 | 0.59 | cps |
| Molybdenum | 94-1 | 193666 | 192528 | 191913 | 192702 | 0.46 | cps |
| Molybdenum | 95-1 | 296488 | 296655 | 296354 | 296499 | 0.05 | cps |
| Molybdenum | 96-1 | 329766 | 327525 | 321976 | 326422 | 1.23 | cps |
| Molybdenum | 97-1 | 187611 | 186834 | 184563 | 186336 | 0.85 | cps |
| Molybdenum | 98-1 | 484842 | 482634 | 483608 | 483695 | 0.23 | cps |
| Neodymium | 150-1 | 94248 | 97437 | 95688 | 95791 | 1.67 | cps |
| Neodymium | 150-2 | 57025 | 57155 | 56593 | 56924 | 0.52 | cps |
| Nickel | 60-2 | 461278 | 457445 | 457908 | 458877 | 0.46 | cps |
| Phosphorus | 31-2 | 14670 | 13863 | 14223 | 14252 | 2.84 | cps |
| Potassium | 39-2 | 2026237 | 2020244 | 2025306 | 2023929 | 0.16 | cps |
| Rhodium | 103-1 | 10952027 | 10772981 | 10639516 | 10788175 | 1.45 | cps |
| Rhodium | 103-2 | 6367045 | 6291532 | 6226282 | 6294953 | 1.12 | cps |
| Scandium | 45-1 | 6741855 | 6506364 | 6412596 | 6553605 | 2.59 | cps |
| Scandium | 45-2 | 528604 | 523894 | 525869 | 526122 | 0.45 | cps |
| Selenium | 82-1 | 212 | 160 | 309 | 227 | 33.25 | cps |
| Selenium | 77-2 | 207 | 187 | 150 | 181 | 15.87 | cps |
| Selenium | 78-2 | 483 | 517 | 580 | 527 | 9.32 | cps |
| Silicon | 28-1 | 57828267 | 57360344 | 56192271 | 57126961 | 1.47 | cps |
| Silver | 107-1 | 15368 | 15652 | 15095 | 15372 | 1.81 | cps |
| Silver | 109-1 | 15018 | 14864 | 14701 | 14861 | 1.07 | cps |
| Sodium | 23-2 | 562502 | 552679 | 555801 | 556994 | 0.90 | cps |
| Strontium | 86-1 | 1297655 | 1287658 | 1299912 | 1295075 | 0.50 | cps |
| Strontium | 88-1 | 11744848 | 11584764 | 11569885 | 11633166 | 0.83 | cps |
| Sulfur | 34-1 | 319877 | 314883 | 309981 | 314914 | 1.57 | cps |
| Terbium | 159-1 | 15182969 | 15208994 | 15124666 | 15172210 | 0.28 | cps |
| Terbium | 159-2 | 10235981 | 10043329 | 9983167 | 10087492 | 1.31 | cps |
| Thallium | 203-1 | 2657 | 2934 | 2927 | 2839 | 5.56 | cps |
| Thallium | 205-1 | 6862 | 6945 | 6892 | 6900 | 0.61 | cps |
| Tin | 118-1 | 804777 | 810036 | 805414 | 806743 | 0.36 | cps |
| Titanium | 47-1 | 651092 | 643782 | 630686 | 641854 | 1.61 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:11:38 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 68049 | 68937 | 68032 | 68340 | 0.76 | cps |
| Vanadium | 51-2 | 208710 | 207574 | 206353 | 207546 | 0.57 | cps |
| Yttrium | 89-1 | 15087044 | 14780763 | 14421678 | 14763162 | 2.26 | cps |
| Yttrium | 89-2 | 3716481 | 3763952 | 3736369 | 3738934 | 0.64 | cps |
| Zinc | 66-2 | 955554 | 953847 | 952412 | 953938 | 0.16 | cps |
| Zirconium | 90-1 | 62569 | 62114 | 63621 | 62768 | 1.23 | cps |
| Zirconium | 91-1 | 13903 | 14104 | 13920 | 13976 | 0.80 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:14:41 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6929478 | 7004663 | 7032172 | 6988771 | 0.76 | cps |
| Antimony | 121-1 | 54259 | 53803 | 53743 | 53935 | 0.52 | cps |
| Arsenic | 75-2 | 19172 | 19767 | 19943 | 19627 | 2.06 | cps |
| Barium | 135-1 | 1176916 | 1170019 | 1163888 | 1170275 | 0.56 | cps |
| Barium | 137-1 | 2172307 | 2118468 | 2086530 | 2125768 | 2.04 | cps |
| Beryllium | 9-1 | 2427 | 2270 | 2327 | 2341 | 3.39 | cps |
| Bismuth | 209-1 | 5331472 | 8521140 | 8609092 | 7487235 | 24.94 | cps |
| Bismuth | 209-2 | 7246426 | 7237748 | 7164864 | 7216346 | 0.62 | cps |
| Bromine | 81-1 | 17541 | 17991 | 18071 | 17868 | 1.60 | cps |
| Bromine | 81-2 | 853 | 837 | 820 | 837 | 1.99 | cps |
| Cadmium | 108-1 | 783 | 623 | 753 | 720 | 11.81 | cps |
| Cadmium | 106-1 | 3347 | 4741 | 4581 | 4223 | 18.06 | cps |
| Cadmium | 111-1 | 8476 | 9534 | 9434 | 9148 | 6.38 | cps |
| Calcium | 43-1 | 1995442 | 1985838 | 1969912 | 1983731 | 0.65 | cps |
| Calcium | 44-1 | 31560592 | 31393105 | 31166657 | 31373451 | 0.63 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2455544 | 2463914 | 2486436 | 2468631 | 0.65 | cps |
| Cobalt | 59-2 | 330298 | 329837 | 330328 | 330155 | 0.08 | cps |
| Copper | 63-2 | 4002937 | 3956415 | 4009105 | 3989486 | 0.72 | cps |
| Dysprosium | 156-1 | 54545 | 53729 | 53401 | 53892 | 1.09 | cps |
| Dysprosium | 156-2 | 44697 | 43918 | 44266 | 44294 | 0.88 | cps |
| Erbium | 164-1 | 51919 | 52311 | 52033 | 52088 | 0.39 | cps |
| Erbium | 164-2 | 36859 | 36103 | 35749 | 36237 | 1.56 | cps |
| Gadolinium | 160-1 | 51344 | 51926 | 50855 | 51375 | 1.04 | cps |
| Gadolinium | 160-2 | 38840 | 37918 | 37884 | 38214 | 1.42 | cps |
| Holmium | 165-1 | 9243153 | 14732039 | 15053403 | 13009531 | 25.10 | cps |
| Holmium | 165-2 | 10461908 | 10389678 | 10317811 | 10389799 | 0.69 | cps |
| Indium | 115-1 | 7505432 | 11948100 | 12039854 | 10497795 | 24.69 | cps |
| Indium | 115-2 | 4286272 | 4310064 | 4325430 | 4307255 | 0.46 | cps |
| Iron | 56-2 | 1584397896 | 1590140830 | 1593818216 | 1589452314 | 0.30 | cps |
| Iron | 57-2 | 39008992 | 39379550 | 39660469 | 39349670 | 0.83 | cps |
| Iron | 54-2 | 85565909 | 85706302 | 86208469 | 85826893 | 0.39 | cps |
| Krypton | 83-1 | 333 | 283 | 270 | 296 | 11.30 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:14:41 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3040373 | 3006178 | 2980860 | 3009137 | 0.99 | cps |
| Lead | 207-1 | 2729554 | 2628810 | 2698569 | 2685644 | 1.92 | cps |
| Lead | 208-1 | 12349606 | 12070888 | 12056465 | 12158987 | 1.36 | cps |
| Lithium | 6-1 | 1149334 | 1719233 | 1788499 | 1552355 | 22.59 | cps |
| Magnesium | 24-2 | 6640898 | 6597382 | 6727331 | 6655204 | 0.99 | cps |
| Manganese | 55-2 | 8579690 | 8623846 | 8618863 | 8607466 | 0.28 | cps |
| Molybdenum | 94-1 | 227338 | 227855 | 226613 | 227269 | 0.27 | cps |
| Molybdenum | 95-1 | 262839 | 261300 | 262487 | 262209 | 0.31 | cps |
| Molybdenum | 96-1 | 313953 | 312283 | 312309 | 312848 | 0.31 | cps |
| Molybdenum | 97-1 | 163753 | 163773 | 163684 | 163737 | 0.03 | cps |
| Molybdenum | 98-1 | 423542 | 422402 | 420872 | 422272 | 0.32 | cps |
| Neodymium | 150-1 | 84159 | 85122 | 84393 | 84558 | 0.59 | cps |
| Neodymium | 150-2 | 50794 | 50179 | 50386 | 50453 | 0.62 | cps |
| Nickel | 60-2 | 697894 | 695327 | 699455 | 697559 | 0.30 | cps |
| Phosphorus | 31-2 | 10484 | 10564 | 10791 | 10613 | 1.50 | cps |
| Potassium | 39-2 | 1889472 | 1905466 | 1937076 | 1910671 | 1.27 | cps |
| Rhodium | 103-1 | 6719858 | 10740716 | 10910709 | 9457094 | 25.08 | cps |
| Rhodium | 103-2 | 6613097 | 6552320 | 6578989 | 6581469 | 0.46 | cps |
| Scandium | 45-1 | 4227407 | 6587687 | 6771382 | 5862159 | 24.20 | cps |
| Scandium | 45-2 | 568480 | 568847 | 572280 | 569869 | 0.37 | cps |
| Selenium | 82-1 | 248 | 265 | 284 | 266 | 6.81 | cps |
| Selenium | 77-2 | 113 | 127 | 143 | 128 | 11.77 | cps |
| Selenium | 78-2 | 550 | 507 | 557 | 538 | 5.05 | cps |
| Silicon | 28-1 | 67158156 | 66663271 | 66514907 | 66778778 | 0.50 | cps |
| Silver | 107-1 | 10070 | 10187 | 10217 | 10158 | 0.76 | cps |
| Silver | 109-1 | 9943 | 9773 | 9680 | 9799 | 1.36 | cps |
| Sodium | 23-2 | 443626 | 443718 | 446108 | 444484 | 0.32 | cps |
| Strontium | 86-1 | 689345 | 684405 | 682504 | 685418 | 0.52 | cps |
| Strontium | 88-1 | 6172797 | 6158824 | 6054718 | 6128780 | 1.05 | cps |
| Sulfur | 34-1 | 260052 | 256654 | 256223 | 257643 | 0.81 | cps |
| Terbium | 159-1 | 9355509 | 15084972 | 15275559 | 13238680 | 25.41 | cps |
| Terbium | 159-2 | 10438754 | 10374424 | 10239342 | 10350840 | 0.98 | cps |
| Thallium | 203-1 | 1463 | 1577 | 1597 | 1546 | 4.65 | cps |
| Thallium | 205-1 | 3721 | 3707 | 3687 | 3705 | 0.45 | cps |
| Tin | 118-1 | 719575 | 721229 | 717250 | 719351 | 0.28 | cps |
| Titanium | 47-1 | 2234053 | 2236107 | 2198009 | 2222723 | 0.96 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28P9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:14:41 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 69802 | 70022 | 68136 | 69320 | 1.49 | cps |
| Vanadium | 51-2 | 283255 | 284566 | 285982 | 284601 | 0.48 | cps |
| Yttrium | 89-1 | 9543060 | 14779980 | 15169614 | 13164218 | 23.87 | cps |
| Yttrium | 89-2 | 3851983 | 3930543 | 3910214 | 3897580 | 1.05 | cps |
| Zinc | 66-2 | 452306 | 453490 | 452529 | 452775 | 0.14 | cps |
| Zirconium | 90-1 | 207142 | 206734 | 205542 | 206473 | 0.40 | cps |
| Zirconium | 91-1 | 45377 | 46453 | 45845 | 45891 | 1.18 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:17:42 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5089864 | 4949898 | 4999168 | 5012976 | 1.42 | cps |
| Antimony | 121-1 | 26488 | 26271 | 26575 | 26444 | 0.59 | cps |
| Arsenic | 75-2 | 12215 | 11895 | 12048 | 12053 | 1.33 | cps |
| Barium | 135-1 | 2364529 | 2415665 | 2348303 | 2376166 | 1.48 | cps |
| Barium | 137-1 | 4096578 | 4034320 | 4039884 | 4056927 | 0.85 | cps |
| Beryllium | 9-1 | 3150 | 3310 | 3320 | 3260 | 2.93 | cps |
| Bismuth | 209-1 | 8679457 | 8707054 | 8647886 | 8678132 | 0.34 | cps |
| Bismuth | 209-2 | 7243388 | 7222992 | 7238934 | 7235104 | 0.15 | cps |
| Bromine | 81-1 | 33662 | 35496 | 36224 | 35127 | 3.76 | cps |
| Bromine | 81-2 | 4337 | 4457 | 4277 | 4357 | 2.10 | cps |
| Cadmium | 108-1 | 1200 | 1020 | 1150 | 1123 | 8.27 | cps |
| Cadmium | 106-1 | 5548 | 5224 | 5071 | 5281 | 4.61 | cps |
| Cadmium | 111-1 | 16643 | 16746 | 16067 | 16486 | 2.22 | cps |
| Calcium | 43-1 | 2745217 | 2702951 | 2681838 | 2710002 | 1.19 | cps |
| Calcium | 44-1 | 43228826 | 42710619 | 42828168 | 42922538 | 0.63 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 904853 | 891892 | 894749 | 897165 | 0.76 | cps |
| Cobalt | 59-2 | 128740 | 130061 | 128262 | 129021 | 0.72 | cps |
| Copper | 63-2 | 2537074 | 2472326 | 2494733 | 2501378 | 1.31 | cps |
| Dysprosium | 156-1 | 85652 | 85622 | 84214 | 85163 | 0.97 | cps |
| Dysprosium | 156-2 | 68402 | 69005 | 68466 | 68624 | 0.48 | cps |
| Erbium | 164-1 | 85228 | 86817 | 85426 | 85824 | 1.01 | cps |
| Erbium | 164-2 | 60169 | 59814 | 60326 | 60103 | 0.44 | cps |
| Gadolinium | 160-1 | 85334 | 87175 | 84053 | 85521 | 1.84 | cps |
| Gadolinium | 160-2 | 63015 | 62954 | 63279 | 63082 | 0.27 | cps |
| Holmium | 165-1 | 14879930 | 14669931 | 14702606 | 14750822 | 0.77 | cps |
| Holmium | 165-2 | 10177850 | 10266741 | 10211782 | 10218791 | 0.44 | cps |
| Indium | 115-1 | 12120181 | 11852096 | 11869808 | 11947362 | 1.25 | cps |
| Indium | 115-2 | 4191064 | 4109275 | 4187584 | 4162641 | 1.11 | cps |
| Iron | 56-2 | 252513310 | 249706383 | 251274476 | 251164723 | 0.56 | cps |
| Iron | 57-2 | 6301645 | 6210899 | 6151111 | 6221218 | 1.22 | cps |
| Iron | 54-2 | 13702075 | 13340569 | 13574393 | 13539012 | 1.35 | cps |
| Krypton | 83-1 | 360 | 393 | 287 | 347 | 15.74 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:17:42 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9633568 | 9631583 | 9775780 | 9680311 | 0.85 | cps |
| Lead | 207-1 | 8469099 | 8322728 | 8520393 | 8437407 | 1.22 | cps |
| Lead | 208-1 | 38376318 | 38254701 | 38821203 | 38484074 | 0.77 | cps |
| Lithium | 6-1 | 1803391 | 1798216 | 1799148 | 1800252 | 0.15 | cps |
| Magnesium | 24-2 | 9416402 | 9278568 | 9292401 | 9329124 | 0.81 | cps |
| Manganese | 55-2 | 8668141 | 8418962 | 8581161 | 8556088 | 1.48 | cps |
| Molybdenum | 94-1 | 119768 | 118887 | 119149 | 119268 | 0.38 | cps |
| Molybdenum | 95-1 | 121287 | 120510 | 120491 | 120763 | 0.38 | cps |
| Molybdenum | 96-1 | 140639 | 141684 | 138922 | 140415 | 0.99 | cps |
| Molybdenum | 97-1 | 75567 | 75638 | 74458 | 75221 | 0.88 | cps |
| Molybdenum | 98-1 | 195037 | 193710 | 192311 | 193686 | 0.70 | cps |
| Neodymium | 150-1 | 123280 | 124557 | 122375 | 123404 | 0.89 | cps |
| Neodymium | 150-2 | 72683 | 72223 | 73025 | 72644 | 0.55 | cps |
| Nickel | 60-2 | 541803 | 535326 | 538285 | 538471 | 0.60 | cps |
| Phosphorus | 31-2 | 21949 | 22139 | 22246 | 22112 | 0.68 | cps |
| Potassium | 39-2 | 2617217 | 2598267 | 2612911 | 2609465 | 0.38 | cps |
| Rhodium | 103-1 | 11040139 | 10847477 | 10577161 | 10821592 | 2.15 | cps |
| Rhodium | 103-2 | 6403434 | 6438489 | 6327306 | 6389743 | 0.89 | cps |
| Scandium | 45-1 | 6613599 | 6566778 | 6505761 | 6562046 | 0.82 | cps |
| Scandium | 45-2 | 540587 | 533982 | 537472 | 537347 | 0.61 | cps |
| Selenium | 82-1 | 392 | 365 | 452 | 403 | 11.04 | cps |
| Selenium | 77-2 | 247 | 150 | 187 | 194 | 25.10 | cps |
| Selenium | 78-2 | 720 | 623 | 603 | 649 | 9.62 | cps |
| Silicon | 28-1 | 96069209 | 96282909 | 94983025 | 95778381 | 0.73 | cps |
| Silver | 107-1 | 17668 | 17287 | 17177 | 17377 | 1.48 | cps |
| Silver | 109-1 | 16566 | 16523 | 16046 | 16378 | 1.76 | cps |
| Sodium | 23-2 | 1131257 | 1111534 | 1114373 | 1119055 | 0.95 | cps |
| Strontium | 86-1 | 1231099 | 1219825 | 1220197 | 1223707 | 0.52 | cps |
| Strontium | 88-1 | 11096948 | 10958000 | 10924534 | 10993161 | 0.83 | cps |
| Sulfur | 34-1 | 336428 | 335088 | 330235 | 333917 | 0.98 | cps |
| Terbium | 159-1 | 15027045 | 15181693 | 15117269 | 15108669 | 0.51 | cps |
| Terbium | 159-2 | 10176645 | 10196812 | 10132764 | 10168740 | 0.32 | cps |
| Thallium | 203-1 | 3017 | 3070 | 3150 | 3079 | 2.18 | cps |
| Thallium | 205-1 | 6848 | 7022 | 6872 | 6914 | 1.36 | cps |
| Tin | 118-1 | 130387 | 130784 | 129670 | 130280 | 0.43 | cps |
| Titanium | 47-1 | 1266568 | 1249671 | 1222121 | 1246120 | 1.80 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:17:42 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 85771 | 86163 | 86391 | 86108 | 0.36 | cps |
| Vanadium | 51-2 | 178862 | 175915 | 178370 | 177716 | 0.89 | cps |
| Yttrium | 89-1 | 15563666 | 15679639 | 15280826 | 15508044 | 1.32 | cps |
| Yttrium | 89-2 | 3933673 | 3931749 | 3975862 | 3947095 | 0.63 | cps |
| Zinc | 66-2 | 944274 | 933698 | 940143 | 939372 | 0.57 | cps |
| Zirconium | 90-1 | 137493 | 136900 | 137661 | 137351 | 0.29 | cps |
| Zirconium | 91-1 | 30278 | 30852 | 30993 | 30708 | 1.23 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:20:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4300469 | 4259806 | 4251730 | 4270668 | 0.61 | cps |
| Antimony | 121-1 | 91489 | 95994 | 93877 | 93787 | 2.40 | cps |
| Arsenic | 75-2 | 38677 | 38580 | 38403 | 38553 | 0.36 | cps |
| Barium | 135-1 | 1299574 | 1347042 | 1349725 | 1332114 | 2.12 | cps |
| Barium | 137-1 | 2380570 | 2481809 | 2476854 | 2446411 | 2.33 | cps |
| Beryllium | 9-1 | 2457 | 2734 | 2790 | 2660 | 6.71 | cps |
| Bismuth | 209-1 | 9245481 | 8748282 | 8687990 | 8893918 | 3.44 | cps |
| Bismuth | 209-2 | 7188194 | 7147215 | 7221285 | 7185565 | 0.52 | cps |
| Bromine | 81-1 | 18352 | 18352 | 18715 | 18473 | 1.14 | cps |
| Bromine | 81-2 | 960 | 983 | 873 | 939 | 6.17 | cps |
| Cadmium | 108-1 | 1233 | 1237 | 1203 | 1225 | 1.50 | cps |
| Cadmium | 106-1 | 5341 | 5114 | 5318 | 5258 | 2.37 | cps |
| Cadmium | 111-1 | 15601 | 16511 | 16537 | 16216 | 3.29 | cps |
| Calcium | 43-1 | 2425024 | 2507449 | 2464980 | 2465818 | 1.67 | cps |
| Calcium | 44-1 | 38060789 | 39982326 | 39187019 | 39076712 | 2.47 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4352826 | 4360666 | 4371595 | 4361696 | 0.22 | cps |
| Cobalt | 59-2 | 284336 | 283488 | 284395 | 284073 | 0.18 | cps |
| Copper | 63-2 | 11751355 | 11646376 | 11651656 | 11683129 | 0.51 | cps |
| Dysprosium | 156-1 | 62572 | 65448 | 65843 | 64621 | 2.76 | cps |
| Dysprosium | 156-2 | 52862 | 53120 | 53444 | 53142 | 0.55 | cps |
| Erbium | 164-1 | 57976 | 60293 | 60115 | 59461 | 2.17 | cps |
| Erbium | 164-2 | 42083 | 41705 | 42722 | 42170 | 1.22 | cps |
| Gadolinium | 160-1 | 59553 | 62826 | 62502 | 61627 | 2.93 | cps |
| Gadolinium | 160-2 | 46075 | 45651 | 45621 | 45782 | 0.56 | cps |
| Holmium | 165-1 | 16131015 | 14798359 | 14763950 | 15231108 | 5.12 | cps |
| Holmium | 165-2 | 10304085 | 10251528 | 10322119 | 10292577 | 0.36 | cps |
| Indium | 115-1 | 12835156 | 12014485 | 12059661 | 12303101 | 3.75 | cps |
| Indium | 115-2 | 4221470 | 4161454 | 4181697 | 4188207 | 0.73 | cps |
| Iron | 56-2 | 1042957371 | 1042200491 | 1049693984 | 1044950616 | 0.39 | cps |
| Iron | 57-2 | 25617240 | 25659701 | 25821535 | 25699492 | 0.42 | cps |
| Iron | 54-2 | 56150586 | 56039241 | 56370644 | 56186824 | 0.30 | cps |
| Krypton | 83-1 | 280 | 370 | 267 | 306 | 18.40 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:20:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9967437 | 10526092 | 10201331 | 10231620 | 2.74 | cps |
| Lead | 207-1 | 8881513 | 9401994 | 9148270 | 9143926 | 2.85 | cps |
| Lead | 208-1 | 40374854 | 42570238 | 41817434 | 41587509 | 2.68 | cps |
| Lithium | 6-1 | 1851958 | 1773853 | 1755703 | 1793838 | 2.85 | cps |
| Magnesium | 24-2 | 7387962 | 7391839 | 7425920 | 7401907 | 0.28 | cps |
| Manganese | 55-2 | 10781851 | 10801058 | 10810808 | 10797906 | 0.14 | cps |
| Molybdenum | 94-1 | 429555 | 454611 | 449356 | 444507 | 2.97 | cps |
| Molybdenum | 95-1 | 690826 | 714914 | 719897 | 708546 | 2.19 | cps |
| Molybdenum | 96-1 | 754447 | 788157 | 783723 | 775442 | 2.36 | cps |
| Molybdenum | 97-1 | 431021 | 451727 | 447557 | 443435 | 2.47 | cps |
| Molybdenum | 98-1 | 1115955 | 1157438 | 1157323 | 1143572 | 2.09 | cps |
| Neodymium | 150-1 | 94041 | 99041 | 98645 | 97242 | 2.86 | cps |
| Neodymium | 150-2 | 58039 | 57627 | 58045 | 57904 | 0.41 | cps |
| Nickel | 60-2 | 822039 | 824719 | 823271 | 823343 | 0.16 | cps |
| Phosphorus | 31-2 | 12258 | 11561 | 11594 | 11805 | 3.33 | cps |
| Potassium | 39-2 | 1893926 | 1904224 | 1913065 | 1903738 | 0.50 | cps |
| Rhodium | 103-1 | 11867034 | 11250538 | 11007224 | 11374932 | 3.90 | cps |
| Rhodium | 103-2 | 6495352 | 6446419 | 6530442 | 6490738 | 0.65 | cps |
| Scandium | 45-1 | 7208549 | 6732312 | 6608428 | 6849763 | 4.63 | cps |
| Scandium | 45-2 | 555878 | 558473 | 555301 | 556550 | 0.30 | cps |
| Selenium | 82-1 | 311 | 229 | 333 | 291 | 18.94 | cps |
| Selenium | 77-2 | 173 | 200 | 163 | 179 | 10.59 | cps |
| Selenium | 78-2 | 570 | 580 | 570 | 573 | 1.01 | cps |
| Silicon | 28-1 | 85553792 | 89293722 | 88187815 | 87678443 | 2.19 | cps |
| Silver | 107-1 | 17090 | 17738 | 18055 | 17627 | 2.79 | cps |
| Silver | 109-1 | 16243 | 16873 | 16703 | 16606 | 1.97 | cps |
| Sodium | 23-2 | 502200 | 499087 | 501404 | 500897 | 0.32 | cps |
| Strontium | 86-1 | 723328 | 759149 | 757256 | 746578 | 2.70 | cps |
| Strontium | 88-1 | 6506083 | 6839587 | 6732143 | 6692604 | 2.54 | cps |
| Sulfur | 34-1 | 266509 | 267968 | 267612 | 267363 | 0.28 | cps |
| Terbium | 159-1 | 16236603 | 15376654 | 15158972 | 15590743 | 3.65 | cps |
| Terbium | 159-2 | 10335105 | 10093332 | 10228583 | 10219007 | 1.19 | cps |
| Thallium | 203-1 | 1994 | 2097 | 2060 | 2050 | 2.56 | cps |
| Thallium | 205-1 | 5084 | 5301 | 5148 | 5178 | 2.15 | cps |
| Tin | 118-1 | 6436869 | 6792647 | 6799221 | 6676245 | 3.11 | cps |
| Titanium | 47-1 | 782552 | 819790 | 810490 | 804278 | 2.41 | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:20:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 61752 | 65671 | 64546 | 63990 | 3.15 | cps |
| Vanadium | 51-2 | 322449 | 321538 | 323711 | 322566 | 0.34 | cps |
| Yttrium | 89-1 | 16572466 | 15236859 | 15184726 | 15664684 | 5.02 | cps |
| Yttrium | 89-2 | 3875393 | 3873910 | 3872018 | 3873774 | 0.04 | cps |
| Zinc | 66-2 | 1292541 | 1280419 | 1283471 | 1285477 | 0.49 | cps |
| Zirconium | 90-1 | 96532 | 101564 | 102216 | 100104 | 3.11 | cps |
| Zirconium | 91-1 | 22027 | 22611 | 22764 | 22467 | 1.73 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:23:43 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4565407 | 4544367 | 4503758 | 4537844 | 0.69 | cps |
| Antimony | 121-1 | 28188 | 27797 | 28331 | 28105 | 0.98 | cps |
| Arsenic | 75-2 | 12972 | 13133 | 13363 | 13156 | 1.49 | cps |
| Barium | 135-1 | 862896 | 867672 | 857467 | 862678 | 0.59 | cps |
| Barium | 137-1 | 1505418 | 1498184 | 1496818 | 1500140 | 0.31 | cps |
| Beryllium | 9-1 | 2370 | 2120 | 2227 | 2239 | 5.60 | cps |
| Bismuth | 209-1 | 8802019 | 8765348 | 8707199 | 8758189 | 0.55 | cps |
| Bismuth | 209-2 | 7265282 | 7280724 | 7209963 | 7251990 | 0.51 | cps |
| Bromine | 81-1 | 17170 | 16950 | 17173 | 17098 | 0.75 | cps |
| Bromine | 81-2 | 763 | 810 | 867 | 813 | 6.36 | cps |
| Cadmium | 108-1 | 553 | 623 | 643 | 607 | 7.79 | cps |
| Cadmium | 106-1 | 4457 | 4504 | 4347 | 4436 | 1.81 | cps |
| Cadmium | 111-1 | 8938 | 8915 | 8791 | 8881 | 0.89 | cps |
| Calcium | 43-1 | 2446272 | 2471613 | 2437681 | 2451855 | 0.72 | cps |
| Calcium | 44-1 | 39140878 | 39436984 | 38793074 | 39123645 | 0.82 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2715625 | 2650208 | 2617105 | 2660979 | 1.88 | cps |
| Cobalt | 59-2 | 159807 | 159332 | 157325 | 158821 | 0.83 | cps |
| Copper | 63-2 | 2284324 | 2250728 | 2222745 | 2252599 | 1.37 | cps |
| Dysprosium | 156-1 | 62331 | 63131 | 62244 | 62568 | 0.78 | cps |
| Dysprosium | 156-2 | 50367 | 50765 | 49962 | 50364 | 0.80 | cps |
| Erbium | 164-1 | 58890 | 58940 | 58736 | 58855 | 0.18 | cps |
| Erbium | 164-2 | 41966 | 40883 | 40930 | 41260 | 1.48 | cps |
| Gadolinium | 160-1 | 61444 | 62649 | 61936 | 62010 | 0.98 | cps |
| Gadolinium | 160-2 | 45958 | 45891 | 45764 | 45871 | 0.21 | cps |
| Holmium | 165-1 | 14950176 | 14687317 | 14982488 | 14873327 | 1.09 | cps |
| Holmium | 165-2 | 10420045 | 10308889 | 10295202 | 10341379 | 0.66 | cps |
| Indium | 115-1 | 12261271 | 11945199 | 11923967 | 12043479 | 1.57 | cps |
| Indium | 115-2 | 4206910 | 4212500 | 4164200 | 4194537 | 0.63 | cps |
| Iron | 56-2 | 508976032 | 506746312 | 506663206 | 507461850 | 0.26 | cps |
| Iron | 57-2 | 12606725 | 12630600 | 12443387 | 12560237 | 0.81 | cps |
| Iron | 54-2 | 27816316 | 27463604 | 27376295 | 27552072 | 0.85 | cps |
| Krypton | 83-1 | 393 | 310 | 337 | 347 | 12.28 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:23:43 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2895800 | 2922956 | 2862670 | 2893809 | 1.04 | cps |
| Lead | 207-1 | 2545005 | 2553810 | 2571177 | 2556664 | 0.52 | cps |
| Lead | 208-1 | 11611353 | 11652076 | 11628877 | 11630769 | 0.18 | cps |
| Lithium | 6-1 | 1771196 | 1767210 | 1763964 | 1767456 | 0.20 | cps |
| Magnesium | 24-2 | 9000181 | 8936743 | 8886448 | 8941124 | 0.64 | cps |
| Manganese | 55-2 | 6453630 | 6415015 | 6438184 | 6435610 | 0.30 | cps |
| Molybdenum | 94-1 | 216743 | 218745 | 217250 | 217579 | 0.48 | cps |
| Molybdenum | 95-1 | 322353 | 320847 | 320698 | 321299 | 0.29 | cps |
| Molybdenum | 96-1 | 355156 | 357639 | 355584 | 356126 | 0.37 | cps |
| Molybdenum | 97-1 | 201155 | 203222 | 200918 | 201765 | 0.63 | cps |
| Molybdenum | 98-1 | 519615 | 519163 | 520012 | 519597 | 0.08 | cps |
| Neodymium | 150-1 | 94662 | 95708 | 96165 | 95512 | 0.81 | cps |
| Neodymium | 150-2 | 55759 | 56583 | 56208 | 56184 | 0.73 | cps |
| Nickel | 60-2 | 450812 | 450136 | 448460 | 449803 | 0.27 | cps |
| Phosphorus | 31-2 | 9460 | 9099 | 9386 | 9315 | 2.04 | cps |
| Potassium | 39-2 | 1445961 | 1426789 | 1424588 | 1432446 | 0.82 | cps |
| Rhodium | 103-1 | 11046385 | 10854091 | 10791175 | 10897217 | 1.22 | cps |
| Rhodium | 103-2 | 6443805 | 6368151 | 6243669 | 6351875 | 1.59 | cps |
| Scandium | 45-1 | 6731331 | 6569301 | 6472814 | 6591148 | 1.98 | cps |
| Scandium | 45-2 | 539084 | 530104 | 526482 | 531890 | 1.22 | cps |
| Selenium | 82-1 | 239 | 311 | 188 | 246 | 25.13 | cps |
| Selenium | 77-2 | 157 | 143 | 223 | 174 | 24.57 | cps |
| Selenium | 78-2 | 590 | 597 | 480 | 556 | 11.79 | cps |
| Silicon | 28-1 | 60566112 | 60665282 | 60120122 | 60450506 | 0.48 | cps |
| Silver | 107-1 | 7285 | 7462 | 7639 | 7462 | 2.37 | cps |
| Silver | 109-1 | 7115 | 7225 | 7028 | 7123 | 1.38 | cps |
| Sodium | 23-2 | 343904 | 342497 | 339911 | 342104 | 0.59 | cps |
| Strontium | 86-1 | 777179 | 773851 | 771213 | 774081 | 0.39 | cps |
| Strontium | 88-1 | 6923881 | 7030520 | 6857066 | 6937156 | 1.26 | cps |
| Sulfur | 34-1 | 264923 | 265546 | 265039 | 265169 | 0.13 | cps |
| Terbium | 159-1 | 15233142 | 14966170 | 15152175 | 15117162 | 0.91 | cps |
| Terbium | 159-2 | 10197207 | 10167370 | 10164534 | 10176370 | 0.18 | cps |
| Thallium | 203-1 | 2967 | 3037 | 2980 | 2995 | 1.24 | cps |
| Thallium | 205-1 | 6915 | 6762 | 6615 | 6764 | 2.22 | cps |
| Tin | 118-1 | 756874 | 762020 | 762577 | 760491 | 0.41 | cps |
| Titanium | 47-1 | 677662 | 689046 | 678042 | 681583 | 0.95 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:23:43 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 70542 | 71585 | 71430 | 71186 | 0.79 | cps |
| Vanadium | 51-2 | 237854 | 234396 | 234027 | 235426 | 0.90 | cps |
| Yttrium | 89-1 | 15288994 | 14906956 | 14759293 | 14985081 | 1.82 | cps |
| Yttrium | 89-2 | 3805229 | 3773359 | 3733565 | 3770718 | 0.95 | cps |
| Zinc | 66-2 | 897154 | 897726 | 888484 | 894455 | 0.58 | cps |
| Zirconium | 90-1 | 89779 | 91224 | 90010 | 90338 | 0.86 | cps |
| Zirconium | 91-1 | 20137 | 20137 | 20201 | 20158 | 0.18 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:26:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2541881 | 2508953 | 2544537 | 2531790 | 0.78 | cps |
| Antimony | 121-1 | 45605 | 46227 | 45806 | 45880 | 0.69 | cps |
| Arsenic | 75-2 | 18168 | 18054 | 18338 | 18187 | 0.79 | cps |
| Barium | 135-1 | 878372 | 889448 | 892226 | 886682 | 0.83 | cps |
| Barium | 137-1 | 1526277 | 1647348 | 1626747 | 1600124 | 4.05 | cps |
| Beryllium | 9-1 | 2650 | 2590 | 2530 | 2590 | 2.32 | cps |
| Bismuth | 209-1 | 8999587 | 8753382 | 8805911 | 8852960 | 1.46 | cps |
| Bismuth | 209-2 | 7347926 | 7224802 | 7336084 | 7302938 | 0.93 | cps |
| Bromine | 81-1 | 17754 | 17971 | 18495 | 18073 | 2.11 | cps |
| Bromine | 81-2 | 800 | 833 | 860 | 831 | 3.62 | cps |
| Cadmium | 108-1 | 2454 | 2414 | 2430 | 2432 | 0.83 | cps |
| Cadmium | 106-1 | 6642 | 7225 | 6902 | 6923 | 4.22 | cps |
| Cadmium | 111-1 | 32949 | 33807 | 33352 | 33369 | 1.29 | cps |
| Calcium | 43-1 | 3159008 | 3238219 | 3250025 | 3215750 | 1.54 | cps |
| Calcium | 44-1 | 50777113 | 51473609 | 51732731 | 51327818 | 0.96 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2705394 | 2745428 | 2716594 | 2722472 | 0.76 | cps |
| Cobalt | 59-2 | 115416 | 117119 | 115809 | 116115 | 0.77 | cps |
| Copper | 63-2 | 688732 | 686410 | 685403 | 686849 | 0.25 | cps |
| Dysprosium | 156-1 | 18375 | 18179 | 18302 | 18285 | 0.54 | cps |
| Dysprosium | 156-2 | 14875 | 15262 | 15175 | 15104 | 1.35 | cps |
| Erbium | 164-1 | 19046 | 19307 | 18950 | 19101 | 0.97 | cps |
| Erbium | 164-2 | 13333 | 13336 | 13313 | 13328 | 0.09 | cps |
| Gadolinium | 160-1 | 17484 | 17728 | 17738 | 17650 | 0.81 | cps |
| Gadolinium | 160-2 | 13210 | 13316 | 13243 | 13256 | 0.41 | cps |
| Holmium | 165-1 | 14603554 | 14491063 | 14655596 | 14583405 | 0.58 | cps |
| Holmium | 165-2 | 10173847 | 10241749 | 10250423 | 10222006 | 0.41 | cps |
| Indium | 115-1 | 11729724 | 11943473 | 11843713 | 11838970 | 0.90 | cps |
| Indium | 115-2 | 4202563 | 4229848 | 4274669 | 4235693 | 0.86 | cps |
| Iron | 56-2 | 1544776830 | 1532436511 | 1526258964 | 1534490768 | 0.61 | cps |
| Iron | 57-2 | 37976472 | 37800781 | 37053369 | 37610207 | 1.30 | cps |
| Iron | 54-2 | 83184819 | 82578275 | 82577982 | 82780359 | 0.42 | cps |
| Krypton | 83-1 | 243 | 223 | 290 | 252 | 13.56 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:26:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18612141 | 18838598 | 18632194 | 18694311 | 0.67 | cps |
| Lead | 207-1 | 16049565 | 16006854 | 15841931 | 15966117 | 0.69 | cps |
| Lead | 208-1 | 74098091 | 73505559 | 73204625 | 73602758 | 0.62 | cps |
| Lithium | 6-1 | 1743114 | 1744400 | 1693262 | 1726925 | 1.69 | cps |
| Magnesium | 24-2 | 7116588 | 7088467 | 7184373 | 7129810 | 0.69 | cps |
| Manganese | 55-2 | 56172266 | 55715344 | 55680506 | 55856039 | 0.49 | cps |
| Molybdenum | 94-1 | 104600 | 106060 | 106805 | 105822 | 1.06 | cps |
| Molybdenum | 95-1 | 136459 | 140827 | 137834 | 138373 | 1.61 | cps |
| Molybdenum | 96-1 | 167184 | 169267 | 167449 | 167967 | 0.67 | cps |
| Molybdenum | 97-1 | 84408 | 85582 | 86427 | 85472 | 1.19 | cps |
| Molybdenum | 98-1 | 218544 | 221619 | 222076 | 220747 | 0.87 | cps |
| Neodymium | 150-1 | 28776 | 29458 | 29948 | 29394 | 2.00 | cps |
| Neodymium | 150-2 | 17508 | 18165 | 17421 | 17698 | 2.30 | cps |
| Nickel | 60-2 | 572686 | 574033 | 569936 | 572218 | 0.36 | cps |
| Phosphorus | 31-2 | 15288 | 15184 | 15655 | 15376 | 1.61 | cps |
| Potassium | 39-2 | 1040380 | 1029094 | 1039905 | 1036459 | 0.62 | cps |
| Rhodium | 103-1 | 10732259 | 10877233 | 10738172 | 10782554 | 0.76 | cps |
| Rhodium | 103-2 | 6505282 | 6421733 | 6402802 | 6443272 | 0.85 | cps |
| Scandium | 45-1 | 6431291 | 6470334 | 6489435 | 6463687 | 0.46 | cps |
| Scandium | 45-2 | 545156 | 549071 | 546489 | 546905 | 0.36 | cps |
| Selenium | 82-1 | 338 | 330 | 273 | 314 | 11.31 | cps |
| Selenium | 77-2 | 103 | 53 | 50 | 69 | 43.37 | cps |
| Selenium | 78-2 | 517 | 530 | 533 | 527 | 1.67 | cps |
| Silicon | 28-1 | 36831899 | 37063321 | 37259567 | 37051596 | 0.58 | cps |
| Silver | 107-1 | 87227 | 88893 | 89215 | 88445 | 1.21 | cps |
| Silver | 109-1 | 83505 | 84766 | 85406 | 84559 | 1.14 | cps |
| Sodium | 23-2 | 489002 | 489860 | 491551 | 490137 | 0.26 | cps |
| Strontium | 86-1 | 548657 | 551892 | 550486 | 550345 | 0.29 | cps |
| Strontium | 88-1 | 4926482 | 4911082 | 4965501 | 4934355 | 0.57 | cps |
| Sulfur | 34-1 | 244259 | 244329 | 245840 | 244809 | 0.36 | cps |
| Terbium | 159-1 | 14903755 | 14809870 | 14906384 | 14873336 | 0.37 | cps |
| Terbium | 159-2 | 10230592 | 10065674 | 10081315 | 10125860 | 0.90 | cps |
| Thallium | 203-1 | 32375 | 31687 | 31253 | 31772 | 1.78 | cps |
| Thallium | 205-1 | 74951 | 75270 | 75515 | 75245 | 0.38 | cps |
| Tin | 118-1 | 185542 | 185096 | 185295 | 185311 | 0.12 | cps |
| Titanium | 47-1 | 919178 | 933550 | 930934 | 927887 | 0.82 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:26:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 31721 | 31781 | 31350 | 31617 | 0.74 | cps |
| Vanadium | 51-2 | 279459 | 279855 | 281511 | 280275 | 0.39 | cps |
| Yttrium | 89-1 | 14400811 | 14284252 | 14384559 | 14356541 | 0.44 | cps |
| Yttrium | 89-2 | 3689306 | 3740152 | 3700391 | 3709949 | 0.72 | cps |
| Zinc | 66-2 | 5060883 | 5003594 | 4932456 | 4998978 | 1.29 | cps |
| Zirconium | 90-1 | 75290 | 73097 | 71992 | 73460 | 2.29 | cps |
| Zirconium | 91-1 | 15769 | 16576 | 16289 | 16211 | 2.53 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:29:51 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2723028 | 2737313 | 2759524 | 2739955 | 0.67 | cps |
| Antimony | 121-1 | 45665 | 45592 | 45960 | 45739 | 0.43 | cps |
| Arsenic | 75-2 | 18792 | 19176 | 18745 | 18904 | 1.25 | cps |
| Barium | 135-1 | 804276 | 804035 | 809045 | 805785 | 0.35 | cps |
| Barium | 137-1 | 1395055 | 1398181 | 1401753 | 1398330 | 0.24 | cps |
| Beryllium | 9-1 | 2590 | 2987 | 2644 | 2740 | 7.86 | cps |
| Bismuth | 209-1 | 10235258 | 10229410 | 10129595 | 10198088 | 0.58 | cps |
| Bismuth | 209-2 | 8576875 | 8544616 | 8397767 | 8506419 | 1.12 | cps |
| Bromine | 81-1 | 18605 | 18659 | 19179 | 18814 | 1.69 | cps |
| Bromine | 81-2 | 1047 | 950 | 977 | 991 | 5.04 | cps |
| Cadmium | 108-1 | 3834 | 3981 | 3804 | 3873 | 2.44 | cps |
| Cadmium | 106-1 | 9126 | 8953 | 8923 | 9001 | 1.22 | cps |
| Cadmium | 111-1 | 32921 | 32079 | 31711 | 32237 | 1.92 | cps |
| Calcium | 43-1 | 3428817 | 3459709 | 3497897 | 3462141 | 1.00 | cps |
| Calcium | 44-1 | 55299119 | 55713421 | 55900806 | 55637782 | 0.55 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2701201 | 2734107 | 2748834 | 2728047 | 0.89 | cps |
| Cobalt | 59-2 | 119175 | 117666 | 117818 | 118220 | 0.70 | cps |
| Copper | 63-2 | 681134 | 681601 | 678685 | 680473 | 0.23 | cps |
| Dysprosium | 156-1 | 19834 | 19514 | 19440 | 19596 | 1.07 | cps |
| Dysprosium | 156-2 | 16296 | 16169 | 16069 | 16178 | 0.70 | cps |
| Erbium | 164-1 | 20141 | 20485 | 19677 | 20101 | 2.02 | cps |
| Erbium | 164-2 | 14334 | 14684 | 14277 | 14432 | 1.53 | cps |
| Gadolinium | 160-1 | 18399 | 19046 | 18385 | 18610 | 2.03 | cps |
| Gadolinium | 160-2 | 14261 | 14564 | 14281 | 14369 | 1.18 | cps |
| Holmium | 165-1 | 14819500 | 14753942 | 14419596 | 14664346 | 1.46 | cps |
| Holmium | 165-2 | 10400392 | 10379632 | 10272784 | 10350936 | 0.66 | cps |
| Indium | 115-1 | 12259519 | 12130993 | 11999983 | 12130165 | 1.07 | cps |
| Indium | 115-2 | 4317491 | 4271894 | 4245707 | 4278364 | 0.85 | cps |
| Iron | 56-2 | 1546890484 | 1525312457 | 1536531337 | 1536244759 | 0.70 | cps |
| Iron | 57-2 | 38197059 | 37410617 | 37689380 | 37765685 | 1.06 | cps |
| Iron | 54-2 | 82722470 | 82509745 | 82750059 | 82660758 | 0.16 | cps |
| Krypton | 83-1 | 343 | 290 | 310 | 314 | 8.57 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:29:51 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 55417074 | 55045631 | 54863283 | 55108663 | 0.51 | cps |
| Lead | 207-1 | 47527973 | 47119758 | 46939494 | 47195742 | 0.64 | cps |
| Lead | 208-1 | 218846675 | 217298813 | 216181758 | 217442416 | 0.62 | cps |
| Lithium | 6-1 | 1703355 | 1727097 | 1688666 | 1706372 | 1.14 | cps |
| Magnesium | 24-2 | 8996498 | 8972294 | 8952735 | 8973843 | 0.24 | cps |
| Manganese | 55-2 | 44712071 | 44693979 | 44822101 | 44742717 | 0.15 | cps |
| Molybdenum | 94-1 | 96797 | 97364 | 97055 | 97072 | 0.29 | cps |
| Molybdenum | 95-1 | 122306 | 122649 | 123297 | 122751 | 0.41 | cps |
| Molybdenum | 96-1 | 153118 | 155103 | 155534 | 154585 | 0.83 | cps |
| Molybdenum | 97-1 | 75353 | 76656 | 76917 | 76309 | 1.10 | cps |
| Molybdenum | 98-1 | 195763 | 199294 | 199304 | 198120 | 1.03 | cps |
| Neodymium | 150-1 | 30426 | 31335 | 30400 | 30720 | 1.73 | cps |
| Neodymium | 150-2 | 18516 | 18172 | 18472 | 18387 | 1.02 | cps |
| Nickel | 60-2 | 536567 | 537700 | 535896 | 536721 | 0.17 | cps |
| Phosphorus | 31-2 | 14380 | 14350 | 14764 | 14498 | 1.59 | cps |
| Potassium | 39-2 | 1197367 | 1196217 | 1194973 | 1196186 | 0.10 | cps |
| Rhodium | 103-1 | 10838424 | 10861600 | 10916043 | 10872022 | 0.37 | cps |
| Rhodium | 103-2 | 6566357 | 6516757 | 6507300 | 6530138 | 0.49 | cps |
| Scandium | 45-1 | 6569371 | 6550830 | 6595829 | 6572010 | 0.34 | cps |
| Scandium | 45-2 | 559575 | 561856 | 555127 | 558853 | 0.61 | cps |
| Selenium | 82-1 | 285 | 361 | 330 | 325 | 11.68 | cps |
| Selenium | 77-2 | 77 | 120 | 77 | 91 | 27.46 | cps |
| Selenium | 78-2 | 547 | 497 | 500 | 514 | 5.43 | cps |
| Silicon | 28-1 | 39186611 | 39466810 | 39827974 | 39493798 | 0.81 | cps |
| Silver | 107-1 | 85067 | 85976 | 87082 | 86042 | 1.17 | cps |
| Silver | 109-1 | 81645 | 81266 | 82101 | 81671 | 0.51 | cps |
| Sodium | 23-2 | 529964 | 530988 | 528497 | 529816 | 0.24 | cps |
| Strontium | 86-1 | 595267 | 596936 | 594646 | 595616 | 0.20 | cps |
| Strontium | 88-1 | 5273590 | 5334182 | 5392961 | 5333578 | 1.12 | cps |
| Sulfur | 34-1 | 275000 | 277250 | 279903 | 277385 | 0.88 | cps |
| Terbium | 159-1 | 15097309 | 15034349 | 15047719 | 15059792 | 0.22 | cps |
| Terbium | 159-2 | 10293589 | 10377954 | 10137364 | 10269636 | 1.19 | cps |
| Thallium | 203-1 | 27571 | 28209 | 27671 | 27817 | 1.23 | cps |
| Thallium | 205-1 | 65132 | 64957 | 65795 | 65294 | 0.68 | cps |
| Tin | 118-1 | 189296 | 186838 | 187719 | 187951 | 0.66 | cps |
| Titanium | 47-1 | 634205 | 642279 | 641403 | 639296 | 0.69 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:29:51 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 36443 | 36931 | 36366 | 36580 | 0.84 | cps |
| Vanadium | 51-2 | 241366 | 240406 | 242409 | 241394 | 0.42 | cps |
| Yttrium | 89-1 | 14724244 | 14571054 | 14662540 | 14652612 | 0.53 | cps |
| Yttrium | 89-2 | 3806598 | 3819787 | 3735375 | 3787253 | 1.20 | cps |
| Zinc | 66-2 | 24157512 | 24003485 | 23824443 | 23995147 | 0.69 | cps |
| Zirconium | 90-1 | 69909 | 71007 | 70374 | 70430 | 0.78 | cps |
| Zirconium | 91-1 | 15602 | 15729 | 15932 | 15754 | 1.06 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:32:58 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2764045 | 2768825 | 2707381 | 2746751 | 1.24 | cps |
| Antimony | 121-1 | 45428 | 46501 | 45585 | 45838 | 1.26 | cps |
| Arsenic | 75-2 | 19543 | 19176 | 19543 | 19421 | 1.09 | cps |
| Barium | 135-1 | 803849 | 813882 | 812098 | 809943 | 0.66 | cps |
| Barium | 137-1 | 1397730 | 1414651 | 1409502 | 1407294 | 0.62 | cps |
| Beryllium | 9-1 | 2710 | 2760 | 2750 | 2740 | 0.97 | cps |
| Bismuth | 209-1 | 10558448 | 10233385 | 10110157 | 10300663 | 2.25 | cps |
| Bismuth | 209-2 | 8633483 | 8602162 | 8581849 | 8605831 | 0.30 | cps |
| Bromine | 81-1 | 18405 | 19256 | 19019 | 18893 | 2.32 | cps |
| Bromine | 81-2 | 867 | 870 | 887 | 874 | 1.23 | cps |
| Cadmium | 108-1 | 3731 | 4074 | 3767 | 3857 | 4.89 | cps |
| Cadmium | 106-1 | 9366 | 9183 | 8963 | 9171 | 2.20 | cps |
| Cadmium | 111-1 | 32420 | 32408 | 32626 | 32485 | 0.38 | cps |
| Calcium | 43-1 | 3461749 | 3489535 | 3511364 | 3487549 | 0.71 | cps |
| Calcium | 44-1 | 55463601 | 56196121 | 56904652 | 56188125 | 1.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2783359 | 2741190 | 2725615 | 2750055 | 1.09 | cps |
| Cobalt | 59-2 | 120404 | 121853 | 119527 | 120595 | 0.97 | cps |
| Copper | 63-2 | 691308 | 686752 | 686667 | 688242 | 0.39 | cps |
| Dysprosium | 156-1 | 19183 | 19517 | 19163 | 19288 | 1.03 | cps |
| Dysprosium | 156-2 | 16370 | 16490 | 16149 | 16336 | 1.06 | cps |
| Erbium | 164-1 | 19757 | 20195 | 20425 | 20126 | 1.68 | cps |
| Erbium | 164-2 | 14171 | 14361 | 13760 | 14097 | 2.18 | cps |
| Gadolinium | 160-1 | 18319 | 19060 | 18976 | 18785 | 2.16 | cps |
| Gadolinium | 160-2 | 14244 | 14304 | 14311 | 14286 | 0.26 | cps |
| Holmium | 165-1 | 15251639 | 14673782 | 14486240 | 14803887 | 2.69 | cps |
| Holmium | 165-2 | 10500854 | 10371187 | 10201717 | 10357919 | 1.45 | cps |
| Indium | 115-1 | 12258660 | 12180494 | 11925681 | 12121612 | 1.44 | cps |
| Indium | 115-2 | 4349349 | 4296825 | 4295793 | 4313989 | 0.71 | cps |
| Iron | 56-2 | 1553655870 | 1544832670 | 1545387764 | 1547958768 | 0.32 | cps |
| Iron | 57-2 | 38367755 | 38324184 | 38302339 | 38331426 | 0.09 | cps |
| Iron | 54-2 | 83518907 | 83007347 | 83252412 | 83259555 | 0.31 | cps |
| Krypton | 83-1 | 260 | 290 | 263 | 271 | 6.07 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:32:58 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 55328046 | 55632923 | 54712989 | 55224653 | 0.85 | cps |
| Lead | 207-1 | 47519853 | 47590838 | 47270248 | 47460313 | 0.35 | cps |
| Lead | 208-1 | 218309713 | 219630302 | 218184418 | 218708145 | 0.37 | cps |
| Lithium | 6-1 | 1768914 | 1732657 | 1695458 | 1732343 | 2.12 | cps |
| Magnesium | 24-2 | 9156949 | 9130532 | 9107981 | 9131820 | 0.27 | cps |
| Manganese | 55-2 | 44668174 | 44889723 | 45097638 | 44885178 | 0.48 | cps |
| Molybdenum | 94-1 | 96606 | 98673 | 97646 | 97642 | 1.06 | cps |
| Molybdenum | 95-1 | 122672 | 125832 | 125038 | 124514 | 1.32 | cps |
| Molybdenum | 96-1 | 154254 | 157286 | 156403 | 155981 | 1.00 | cps |
| Molybdenum | 97-1 | 75886 | 77557 | 76291 | 76578 | 1.14 | cps |
| Molybdenum | 98-1 | 196292 | 198965 | 199237 | 198165 | 0.82 | cps |
| Neodymium | 150-1 | 30293 | 31331 | 30567 | 30730 | 1.75 | cps |
| Neodymium | 150-2 | 19096 | 19073 | 18592 | 18921 | 1.50 | cps |
| Nickel | 60-2 | 540192 | 539851 | 538471 | 539505 | 0.17 | cps |
| Phosphorus | 31-2 | 14997 | 14931 | 15238 | 15055 | 1.07 | cps |
| Potassium | 39-2 | 1219076 | 1209714 | 1201195 | 1209995 | 0.74 | cps |
| Rhodium | 103-1 | 11371722 | 10987433 | 10967520 | 11108892 | 2.05 | cps |
| Rhodium | 103-2 | 6704085 | 6591235 | 6482772 | 6592697 | 1.68 | cps |
| Scandium | 45-1 | 6858858 | 6613655 | 6515697 | 6662737 | 2.65 | cps |
| Scandium | 45-2 | 568911 | 566252 | 562245 | 565803 | 0.59 | cps |
| Selenium | 82-1 | 371 | 368 | 393 | 377 | 3.69 | cps |
| Selenium | 77-2 | 97 | 90 | 80 | 89 | 9.44 | cps |
| Selenium | 78-2 | 553 | 613 | 540 | 569 | 6.87 | cps |
| Silicon | 28-1 | 39471946 | 40016039 | 39810114 | 39766033 | 0.69 | cps |
| Silver | 107-1 | 86083 | 86864 | 86831 | 86593 | 0.51 | cps |
| Silver | 109-1 | 80556 | 83348 | 82396 | 82100 | 1.73 | cps |
| Sodium | 23-2 | 533958 | 534400 | 533780 | 534046 | 0.06 | cps |
| Strontium | 86-1 | 587342 | 602613 | 594677 | 594877 | 1.28 | cps |
| Strontium | 88-1 | 5321986 | 5401315 | 5316065 | 5346455 | 0.89 | cps |
| Sulfur | 34-1 | 276904 | 279442 | 277973 | 278106 | 0.46 | cps |
| Terbium | 159-1 | 15628360 | 15072279 | 15073537 | 15258059 | 2.10 | cps |
| Terbium | 159-2 | 10176852 | 10324195 | 10231888 | 10244312 | 0.73 | cps |
| Thallium | 203-1 | 27317 | 28096 | 27949 | 27787 | 1.49 | cps |
| Thallium | 205-1 | 64971 | 65366 | 66290 | 65542 | 1.03 | cps |
| Tin | 118-1 | 187743 | 191208 | 191235 | 190062 | 1.06 | cps |
| Titanium | 47-1 | 642203 | 648091 | 646382 | 645559 | 0.47 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:32:58 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 36132 | 36507 | 37412 | 36684 | 1.79 | cps |
| Vanadium | 51-2 | 243222 | 244452 | 243479 | 243718 | 0.27 | cps |
| Yttrium | 89-1 | 15067270 | 14569423 | 14452831 | 14696508 | 2.22 | cps |
| Yttrium | 89-2 | 3803615 | 3814782 | 3795692 | 3804697 | 0.25 | cps |
| Zinc | 66-2 | 24449481 | 24245219 | 23867796 | 24187499 | 1.22 | cps |
| Zirconium | 90-1 | 70190 | 71868 | 71195 | 71084 | 1.19 | cps |
| Zirconium | 91-1 | 15231 | 15872 | 16086 | 15730 | 2.83 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 15:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 530361 | 526758 | 528349 | 528489 | 0.34 | cps |
| Antimony | 121-1 | 8923 | 8643 | 8896 | 8821 | 1.75 | cps |
| Arsenic | 75-2 | 3867 | 3811 | 3610 | 3763 | 3.58 | cps |
| Barium | 135-1 | 156701 | 156667 | 158787 | 157385 | 0.77 | cps |
| Barium | 137-1 | 271869 | 274061 | 272686 | 272872 | 0.41 | cps |
| Beryllium | 9-1 | 573 | 600 | 580 | 584 | 2.37 | cps |
| Bismuth | 209-1 | 8992782 | 8875007 | 8887889 | 8918559 | 0.72 | cps |
| Bismuth | 209-2 | 7406033 | 7567493 | 7391111 | 7454879 | 1.31 | cps |
| Bromine | 81-1 | 16239 | 16136 | 16426 | 16267 | 0.90 | cps |
| Bromine | 81-2 | 297 | 277 | 333 | 302 | 9.51 | cps |
| Cadmium | 108-1 | 757 | 760 | 773 | 763 | 1.15 | cps |
| Cadmium | 106-1 | 4701 | 4211 | 4547 | 4486 | 5.59 | cps |
| Cadmium | 111-1 | 8402 | 8010 | 8580 | 8331 | 3.50 | cps |
| Calcium | 43-1 | 705967 | 715530 | 716674 | 712723 | 0.82 | cps |
| Calcium | 44-1 | 10868969 | 10969847 | 11023514 | 10954110 | 0.72 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 524933 | 525956 | 526940 | 525943 | 0.19 | cps |
| Cobalt | 59-2 | 24159 | 23822 | 23001 | 23661 | 2.52 | cps |
| Copper | 63-2 | 136687 | 136987 | 137501 | 137058 | 0.30 | cps |
| Dysprosium | 156-1 | 3677 | 3774 | 3947 | 3799 | 3.60 | cps |
| Dysprosium | 156-2 | 3194 | 3414 | 2950 | 3186 | 7.28 | cps |
| Erbium | 164-1 | 3774 | 4091 | 3911 | 3925 | 4.05 | cps |
| Erbium | 164-2 | 2837 | 2790 | 2704 | 2777 | 2.44 | cps |
| Gadolinium | 160-1 | 3600 | 3787 | 3751 | 3713 | 2.66 | cps |
| Gadolinium | 160-2 | 3164 | 3034 | 3187 | 3128 | 2.64 | cps |
| Holmium | 165-1 | 14486488 | 14479301 | 14350703 | 14438831 | 0.53 | cps |
| Holmium | 165-2 | 10183645 | 10135206 | 10152572 | 10157141 | 0.24 | cps |
| Indium | 115-1 | 12278917 | 11901036 | 11750196 | 11976716 | 2.27 | cps |
| Indium | 115-2 | 4240706 | 4299638 | 4246376 | 4262240 | 0.76 | cps |
| Iron | 56-2 | 301022602 | 301745569 | 302498915 | 301755696 | 0.24 | cps |
| Iron | 57-2 | 7387891 | 7357084 | 7386158 | 7377044 | 0.23 | cps |
| Iron | 54-2 | 16449193 | 16375319 | 16268599 | 16364370 | 0.55 | cps |
| Krypton | 83-1 | 187 | 217 | 253 | 219 | 15.25 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 15:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10776301 | 10906210 | 11049111 | 10910540 | 1.25 | cps |
| Lead | 207-1 | 9342598 | 9335315 | 9409990 | 9362635 | 0.44 | cps |
| Lead | 208-1 | 42844689 | 43099627 | 43660451 | 43201589 | 0.97 | cps |
| Lithium | 6-1 | 1736686 | 1685826 | 1668116 | 1696876 | 2.10 | cps |
| Magnesium | 24-2 | 1767470 | 1810902 | 1754133 | 1777502 | 1.67 | cps |
| Manganese | 55-2 | 8774143 | 8759084 | 8782021 | 8771749 | 0.13 | cps |
| Molybdenum | 94-1 | 18652 | 19236 | 18929 | 18939 | 1.54 | cps |
| Molybdenum | 95-1 | 23616 | 24544 | 24243 | 24134 | 1.96 | cps |
| Molybdenum | 96-1 | 29520 | 31073 | 29520 | 30038 | 2.99 | cps |
| Molybdenum | 97-1 | 15021 | 15135 | 15028 | 15061 | 0.42 | cps |
| Molybdenum | 98-1 | 37842 | 38828 | 39330 | 38667 | 1.96 | cps |
| Neodymium | 150-1 | 6321 | 5971 | 5955 | 6082 | 3.41 | cps |
| Neodymium | 150-2 | 3580 | 3767 | 3597 | 3648 | 2.83 | cps |
| Nickel | 60-2 | 106552 | 105883 | 105991 | 106142 | 0.34 | cps |
| Phosphorus | 31-2 | 2987 | 3134 | 3047 | 3056 | 2.41 | cps |
| Potassium | 39-2 | 293191 | 295610 | 295871 | 294891 | 0.50 | cps |
| Rhodium | 103-1 | 11068105 | 10984959 | 10805562 | 10952876 | 1.23 | cps |
| Rhodium | 103-2 | 6513388 | 6622272 | 6519143 | 6551601 | 0.94 | cps |
| Scandium | 45-1 | 6522550 | 6508550 | 6380546 | 6470549 | 1.21 | cps |
| Scandium | 45-2 | 543956 | 543692 | 545961 | 544536 | 0.23 | cps |
| Selenium | 82-1 | 215 | 138 | 105 | 152 | 37.02 | cps |
| Selenium | 77-2 | 13 | 0 | 30 | 14 | 104.07 | cps |
| Selenium | 78-2 | 387 | 447 | 473 | 436 | 10.19 | cps |
| Silicon | 28-1 | 8430303 | 8520761 | 8544772 | 8498612 | 0.71 | cps |
| Silver | 107-1 | 16973 | 17114 | 17534 | 17207 | 1.70 | cps |
| Silver | 109-1 | 15815 | 16343 | 16413 | 16190 | 2.02 | cps |
| Sodium | 23-2 | 137030 | 136269 | 135486 | 136262 | 0.57 | cps |
| Strontium | 86-1 | 117323 | 118888 | 118250 | 118153 | 0.67 | cps |
| Strontium | 88-1 | 1008138 | 1010392 | 1018659 | 1012396 | 0.55 | cps |
| Sulfur | 34-1 | 203554 | 206162 | 204412 | 204709 | 0.65 | cps |
| Terbium | 159-1 | 14999743 | 14869581 | 14748357 | 14872560 | 0.85 | cps |
| Terbium | 159-2 | 10256373 | 9985496 | 10106795 | 10116221 | 1.34 | cps |
| Thallium | 203-1 | 5578 | 5368 | 5681 | 5542 | 2.88 | cps |
| Thallium | 205-1 | 13100 | 13487 | 13570 | 13386 | 1.88 | cps |
| Tin | 118-1 | 37763 | 37906 | 37796 | 37822 | 0.20 | cps |
| Titanium | 47-1 | 124648 | 127054 | 126338 | 126013 | 0.98 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 15:36:00 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7275 | 6835 | 7012 | 7041 | 3.15 | cps |
| Vanadium | 51-2 | 46986 | 46542 | 46705 | 46744 | 0.48 | cps |
| Yttrium | 89-1 | 14180229 | 14038369 | 13714025 | 13977541 | 1.71 | cps |
| Yttrium | 89-2 | 3666320 | 3665537 | 3666108 | 3665988 | 0.01 | cps |
| Zinc | 66-2 | 4793843 | 4858547 | 4818600 | 4823663 | 0.68 | cps |
| Zirconium | 90-1 | 13339 | 13600 | 13666 | 13535 | 1.28 | cps |
| Zirconium | 91-1 | 2804 | 3087 | 2820 | 2904 | 5.48 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2783614 | 2817769 | 2810238 | 2803874 | 0.64 | cps |
| Antimony | 121-1 | 315580 | 317532 | 317821 | 316978 | 0.38 | cps |
| Arsenic | 75-2 | 24564 | 23856 | 23666 | 24028 | 1.97 | cps |
| Barium | 135-1 | 2313219 | 2297671 | 2331060 | 2313983 | 0.72 | cps |
| Barium | 137-1 | 3908661 | 3917081 | 3908679 | 3911474 | 0.12 | cps |
| Beryllium | 9-1 | 18224 | 18184 | 17824 | 18077 | 1.22 | cps |
| Bismuth | 209-1 | 10146287 | 10125079 | 10226871 | 10166079 | 0.53 | cps |
| Bismuth | 209-2 | 8558248 | 8432107 | 8555272 | 8515209 | 0.85 | cps |
| Bromine | 81-1 | 18889 | 19163 | 19543 | 19198 | 1.71 | cps |
| Bromine | 81-2 | 943 | 843 | 787 | 858 | 9.25 | cps |
| Cadmium | 108-1 | 6211 | 6321 | 6125 | 6219 | 1.59 | cps |
| Cadmium | 106-1 | 12108 | 12259 | 12245 | 12204 | 0.68 | cps |
| Cadmium | 111-1 | 67115 | 66864 | 66993 | 66991 | 0.19 | cps |
| Calcium | 43-1 | 3420198 | 3525345 | 3392048 | 3445864 | 2.04 | cps |
| Calcium | 44-1 | 54840344 | 55993559 | 55013099 | 55282334 | 1.13 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2911652 | 2889901 | 2932312 | 2911288 | 0.73 | cps |
| Cobalt | 59-2 | 965855 | 959042 | 956680 | 960525 | 0.50 | cps |
| Copper | 63-2 | 955790 | 951188 | 956066 | 954348 | 0.29 | cps |
| Dysprosium | 156-1 | 18960 | 19240 | 19400 | 19200 | 1.16 | cps |
| Dysprosium | 156-2 | 16006 | 15659 | 16133 | 15932 | 1.54 | cps |
| Erbium | 164-1 | 20021 | 20565 | 20044 | 20210 | 1.52 | cps |
| Erbium | 164-2 | 14187 | 14204 | 14297 | 14230 | 0.42 | cps |
| Gadolinium | 160-1 | 18506 | 18506 | 18436 | 18482 | 0.22 | cps |
| Gadolinium | 160-2 | 13940 | 14084 | 14037 | 14020 | 0.52 | cps |
| Holmium | 165-1 | 14596215 | 14828650 | 14856691 | 14760519 | 0.97 | cps |
| Holmium | 165-2 | 10366555 | 10189707 | 10293143 | 10283135 | 0.86 | cps |
| Indium | 115-1 | 12081395 | 12017462 | 11851263 | 11983373 | 0.99 | cps |
| Indium | 115-2 | 4259122 | 4213108 | 4278784 | 4250338 | 0.79 | cps |
| Iron | 56-2 | 1509672671 | 1494581258 | 1507872138 | 1504042022 | 0.55 | cps |
| Iron | 57-2 | 37288472 | 36356819 | 36766558 | 36803950 | 1.27 | cps |
| Iron | 54-2 | 81679109 | 81466069 | 81107555 | 81417578 | 0.35 | cps |
| Krypton | 83-1 | 297 | 283 | 273 | 284 | 4.11 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 53823894 | 54595486 | 54522921 | 54314100 | 0.78 | cps |
| Lead | 207-1 | 46545338 | 46318919 | 46518643 | 46460967 | 0.27 | cps |
| Lead | 208-1 | 215270323 | 213879433 | 214757328 | 214635695 | 0.33 | cps |
| Lithium | 6-1 | 1711197 | 1731265 | 1749296 | 1730586 | 1.10 | cps |
| Magnesium | 24-2 | 8911575 | 8885068 | 8815787 | 8870810 | 0.56 | cps |
| Manganese | 55-2 | 43817754 | 43899828 | 44130131 | 43949238 | 0.37 | cps |
| Molybdenum | 94-1 | 94613 | 96793 | 95277 | 95561 | 1.17 | cps |
| Molybdenum | 95-1 | 121617 | 122964 | 122144 | 122242 | 0.56 | cps |
| Molybdenum | 96-1 | 150619 | 152451 | 153412 | 152161 | 0.93 | cps |
| Molybdenum | 97-1 | 74669 | 76411 | 74431 | 75171 | 1.44 | cps |
| Molybdenum | 98-1 | 193919 | 195037 | 193764 | 194240 | 0.36 | cps |
| Neodymium | 150-1 | 30717 | 30830 | 30346 | 30631 | 0.83 | cps |
| Neodymium | 150-2 | 18602 | 17725 | 17938 | 18088 | 2.53 | cps |
| Nickel | 60-2 | 736083 | 732942 | 733858 | 734295 | 0.22 | cps |
| Phosphorus | 31-2 | 14447 | 14327 | 14353 | 14376 | 0.44 | cps |
| Potassium | 39-2 | 1171298 | 1168778 | 1169339 | 1169805 | 0.11 | cps |
| Rhodium | 103-1 | 10920692 | 10932079 | 10827616 | 10893462 | 0.53 | cps |
| Rhodium | 103-2 | 6535144 | 6532372 | 6580901 | 6549472 | 0.42 | cps |
| Scandium | 45-1 | 6623563 | 6619849 | 6665381 | 6636264 | 0.38 | cps |
| Scandium | 45-2 | 558075 | 555737 | 553874 | 555895 | 0.38 | cps |
| Selenium | 82-1 | 4659 | 4847 | 4627 | 4711 | 2.52 | cps |
| Selenium | 77-2 | 553 | 470 | 483 | 502 | 8.91 | cps |
| Selenium | 78-2 | 1853 | 1833 | 2040 | 1909 | 5.97 | cps |
| Silicon | 28-1 | 39395378 | 39563948 | 39242967 | 39400764 | 0.41 | cps |
| Silver | 107-1 | 254124 | 256949 | 255864 | 255646 | 0.56 | cps |
| Silver | 109-1 | 241980 | 244034 | 244004 | 243339 | 0.48 | cps |
| Sodium | 23-2 | 516313 | 515047 | 515731 | 515697 | 0.12 | cps |
| Strontium | 86-1 | 584804 | 589127 | 587293 | 587075 | 0.37 | cps |
| Strontium | 88-1 | 5350604 | 5324318 | 5289359 | 5321427 | 0.58 | cps |
| Sulfur | 34-1 | 276304 | 278665 | 274226 | 276399 | 0.80 | cps |
| Terbium | 159-1 | 15266414 | 15294674 | 15061539 | 15207542 | 0.84 | cps |
| Terbium | 159-2 | 10214988 | 10158038 | 10256842 | 10209956 | 0.49 | cps |
| Thallium | 203-1 | 145396 | 148543 | 146939 | 146960 | 1.07 | cps |
| Thallium | 205-1 | 345005 | 350022 | 345448 | 346825 | 0.80 | cps |
| Tin | 118-1 | 184282 | 185951 | 185340 | 185191 | 0.46 | cps |
| Titanium | 47-1 | 634632 | 644327 | 631764 | 636908 | 1.03 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:39:09 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 35761 | 36530 | 36731 | 36341 | 1.41 | cps |
| Vanadium | 51-2 | 718159 | 711619 | 716854 | 715544 | 0.48 | cps |
| Yttrium | 89-1 | 14682037 | 14517762 | 14482648 | 14560816 | 0.73 | cps |
| Yttrium | 89-2 | 3762127 | 3762339 | 3788960 | 3771142 | 0.41 | cps |
| Zinc | 66-2 | 23629022 | 23456759 | 23555922 | 23547234 | 0.37 | cps |
| Zirconium | 90-1 | 68783 | 70314 | 68854 | 69317 | 1.25 | cps |
| Zirconium | 91-1 | 15522 | 15732 | 14971 | 15408 | 2.55 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:42:08 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3606782 | 3547966 | 3572723 | 3575823 | 0.83 | cps |
| Antimony | 121-1 | 4894 | 5114 | 4968 | 4992 | 2.24 | cps |
| Arsenic | 75-2 | 12989 | 13159 | 13186 | 13111 | 0.81 | cps |
| Barium | 135-1 | 396897 | 400604 | 394593 | 397365 | 0.76 | cps |
| Barium | 137-1 | 688469 | 692855 | 690319 | 690548 | 0.32 | cps |
| Beryllium | 9-1 | 1603 | 1760 | 1727 | 1697 | 4.86 | cps |
| Bismuth | 209-1 | 8798814 | 8642391 | 8558456 | 8666554 | 1.41 | cps |
| Bismuth | 209-2 | 7279205 | 7158745 | 7086215 | 7174722 | 1.36 | cps |
| Bromine | 81-1 | 19119 | 19269 | 19129 | 19172 | 0.44 | cps |
| Bromine | 81-2 | 1127 | 1090 | 1210 | 1142 | 5.38 | cps |
| Cadmium | 108-1 | 437 | 453 | 383 | 424 | 8.62 | cps |
| Cadmium | 106-1 | 4011 | 4027 | 3901 | 3979 | 1.73 | cps |
| Cadmium | 111-1 | 7523 | 7339 | 7476 | 7446 | 1.28 | cps |
| Calcium | 43-1 | 2475544 | 2431859 | 2432183 | 2446528 | 1.03 | cps |
| Calcium | 44-1 | 39264556 | 39494434 | 38804474 | 39187821 | 0.90 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 212633 | 210914 | 210059 | 211202 | 0.62 | cps |
| Cobalt | 59-2 | 162280 | 162007 | 163450 | 162579 | 0.47 | cps |
| Copper | 63-2 | 452587 | 449407 | 448862 | 450285 | 0.45 | cps |
| Dysprosium | 156-1 | 67983 | 69078 | 68744 | 68602 | 0.82 | cps |
| Dysprosium | 156-2 | 55218 | 55204 | 54482 | 54968 | 0.77 | cps |
| Erbium | 164-1 | 58980 | 59282 | 58472 | 58911 | 0.69 | cps |
| Erbium | 164-2 | 40773 | 40198 | 40900 | 40623 | 0.92 | cps |
| Gadolinium | 160-1 | 67177 | 67960 | 67344 | 67494 | 0.61 | cps |
| Gadolinium | 160-2 | 49413 | 49347 | 48982 | 49247 | 0.47 | cps |
| Holmium | 165-1 | 14993431 | 14522136 | 14544992 | 14686853 | 1.81 | cps |
| Holmium | 165-2 | 10311882 | 10043322 | 10184064 | 10179756 | 1.32 | cps |
| Indium | 115-1 | 12213936 | 11802897 | 11762883 | 11926572 | 2.09 | cps |
| Indium | 115-2 | 4106323 | 4131730 | 4048889 | 4095648 | 1.04 | cps |
| Iron | 56-2 | 208170417 | 206106184 | 205466250 | 206580950 | 0.68 | cps |
| Iron | 57-2 | 5130480 | 5051863 | 5046036 | 5076126 | 0.93 | cps |
| Iron | 54-2 | 11197148 | 10982828 | 11093441 | 11091139 | 0.97 | cps |
| Krypton | 83-1 | 297 | 320 | 263 | 293 | 9.71 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:42:08 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 586918 | 598599 | 595205 | 593574 | 1.01 | cps |
| Lead | 207-1 | 491093 | 498211 | 493922 | 494409 | 0.72 | cps |
| Lead | 208-1 | 2287469 | 2317336 | 2312099 | 2305635 | 0.69 | cps |
| Lithium | 6-1 | 1805320 | 1765056 | 1776156 | 1782177 | 1.17 | cps |
| Magnesium | 24-2 | 5471407 | 5422868 | 5442726 | 5445667 | 0.45 | cps |
| Manganese | 55-2 | 4158004 | 4102009 | 4114081 | 4124698 | 0.71 | cps |
| Molybdenum | 94-1 | 42846 | 43160 | 43290 | 43099 | 0.53 | cps |
| Molybdenum | 95-1 | 41766 | 43307 | 42906 | 42660 | 1.87 | cps |
| Molybdenum | 96-1 | 51132 | 51708 | 51092 | 51311 | 0.67 | cps |
| Molybdenum | 97-1 | 26651 | 26808 | 26568 | 26676 | 0.46 | cps |
| Molybdenum | 98-1 | 69240 | 69360 | 68536 | 69045 | 0.64 | cps |
| Neodymium | 150-1 | 104702 | 105012 | 103365 | 104359 | 0.84 | cps |
| Neodymium | 150-2 | 61835 | 61771 | 60633 | 61413 | 1.10 | cps |
| Nickel | 60-2 | 124351 | 122099 | 123826 | 123425 | 0.95 | cps |
| Phosphorus | 31-2 | 24486 | 24253 | 24079 | 24273 | 0.84 | cps |
| Potassium | 39-2 | 1092488 | 1083276 | 1080597 | 1085454 | 0.57 | cps |
| Rhodium | 103-1 | 11314402 | 10780367 | 10579477 | 10891416 | 3.49 | cps |
| Rhodium | 103-2 | 6370467 | 6243564 | 6335728 | 6316586 | 1.04 | cps |
| Scandium | 45-1 | 6662017 | 6391463 | 6378066 | 6477182 | 2.47 | cps |
| Scandium | 45-2 | 521663 | 515185 | 515109 | 517319 | 0.73 | cps |
| Selenium | 82-1 | 339 | 286 | 364 | 330 | 12.03 | cps |
| Selenium | 77-2 | 193 | 210 | 237 | 213 | 10.25 | cps |
| Selenium | 78-2 | 623 | 493 | 543 | 553 | 11.85 | cps |
| Silicon | 28-1 | 37649326 | 37466720 | 36694850 | 37270299 | 1.36 | cps |
| Silver | 107-1 | 4097 | 3294 | 3524 | 3638 | 11.37 | cps |
| Silver | 109-1 | 3844 | 3164 | 3147 | 3385 | 11.75 | cps |
| Sodium | 23-2 | 250611 | 247684 | 248579 | 248958 | 0.60 | cps |
| Strontium | 86-1 | 440723 | 438972 | 439041 | 439579 | 0.23 | cps |
| Strontium | 88-1 | 3916845 | 3951536 | 3894165 | 3920849 | 0.74 | cps |
| Sulfur | 34-1 | 203651 | 203864 | 198478 | 201998 | 1.51 | cps |
| Terbium | 159-1 | 15617000 | 14873844 | 14955749 | 15148864 | 2.69 | cps |
| Terbium | 159-2 | 9987035 | 9955885 | 10133196 | 10025372 | 0.94 | cps |
| Thallium | 203-1 | 3450 | 3751 | 3704 | 3635 | 4.44 | cps |
| Thallium | 205-1 | 8673 | 8916 | 8770 | 8786 | 1.40 | cps |
| Tin | 118-1 | 21429 | 22060 | 21403 | 21631 | 1.72 | cps |
| Titanium | 47-1 | 152805 | 151519 | 149927 | 151417 | 0.95 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:42:08 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 61829 | 62291 | 62707 | 62276 | 0.70 | cps |
| Vanadium | 51-2 | 171448 | 171960 | 168344 | 170584 | 1.15 | cps |
| Yttrium | 89-1 | 15032873 | 14799298 | 14454250 | 14762140 | 1.97 | cps |
| Yttrium | 89-2 | 3716334 | 3646872 | 3641198 | 3668135 | 1.14 | cps |
| Zinc | 66-2 | 189105 | 187720 | 186600 | 187808 | 0.67 | cps |
| Zirconium | 90-1 | 50195 | 50761 | 52711 | 51222 | 2.58 | cps |
| Zirconium | 91-1 | 11178 | 11241 | 11251 | 11223 | 0.35 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:45:18 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3728608 | 3648480 | 3671195 | 3682761 | 1.12 | cps |
| Antimony | 121-1 | 19513 | 20184 | 19443 | 19714 | 2.08 | cps |
| Arsenic | 75-2 | 11024 | 10744 | 10827 | 10865 | 1.32 | cps |
| Barium | 135-1 | 628036 | 636130 | 630141 | 631436 | 0.67 | cps |
| Barium | 137-1 | 1081846 | 1101512 | 1094532 | 1092630 | 0.91 | cps |
| Beryllium | 9-1 | 1827 | 1950 | 1957 | 1911 | 3.83 | cps |
| Bismuth | 209-1 | 8987058 | 8759854 | 8586781 | 8777898 | 2.29 | cps |
| Bismuth | 209-2 | 7162429 | 7155228 | 7169172 | 7162276 | 0.10 | cps |
| Bromine | 81-1 | 19173 | 19717 | 19760 | 19550 | 1.67 | cps |
| Bromine | 81-2 | 1203 | 1243 | 1107 | 1185 | 5.93 | cps |
| Cadmium | 108-1 | 1650 | 1593 | 1683 | 1642 | 2.77 | cps |
| Cadmium | 106-1 | 5208 | 5294 | 5391 | 5298 | 1.73 | cps |
| Cadmium | 111-1 | 21563 | 22358 | 22319 | 22080 | 2.03 | cps |
| Calcium | 43-1 | 3570988 | 3601098 | 3608338 | 3593475 | 0.55 | cps |
| Calcium | 44-1 | 57625576 | 58169936 | 57816697 | 57870736 | 0.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1977730 | 1929089 | 1928932 | 1945250 | 1.45 | cps |
| Cobalt | 59-2 | 120018 | 120273 | 118305 | 119532 | 0.90 | cps |
| Copper | 63-2 | 863942 | 866489 | 853633 | 861355 | 0.79 | cps |
| Dysprosium | 156-1 | 42173 | 42554 | 41394 | 42040 | 1.41 | cps |
| Dysprosium | 156-2 | 33627 | 33226 | 33727 | 33527 | 0.79 | cps |
| Erbium | 164-1 | 37463 | 39211 | 38897 | 38524 | 2.42 | cps |
| Erbium | 164-2 | 26575 | 26469 | 27303 | 26782 | 1.70 | cps |
| Gadolinium | 160-1 | 42180 | 42076 | 41956 | 42071 | 0.27 | cps |
| Gadolinium | 160-2 | 31322 | 31365 | 30834 | 31174 | 0.95 | cps |
| Holmium | 165-1 | 14921449 | 14660114 | 14354039 | 14645200 | 1.94 | cps |
| Holmium | 165-2 | 10097118 | 10032418 | 10222629 | 10117388 | 0.96 | cps |
| Indium | 115-1 | 11892139 | 11861248 | 11598157 | 11783848 | 1.37 | cps |
| Indium | 115-2 | 4119577 | 4017571 | 4102973 | 4080041 | 1.34 | cps |
| Iron | 56-2 | 663814990 | 664781270 | 660527203 | 663041155 | 0.34 | cps |
| Iron | 57-2 | 16351319 | 16358986 | 16161376 | 16290560 | 0.69 | cps |
| Iron | 54-2 | 35613359 | 35705532 | 35490911 | 35603267 | 0.30 | cps |
| Krypton | 83-1 | 263 | 240 | 260 | 254 | 4.96 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:45:18 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6360679 | 6456101 | 6282659 | 6366480 | 1.36 | cps |
| Lead | 207-1 | 5513736 | 5572965 | 5498478 | 5528393 | 0.71 | cps |
| Lead | 208-1 | 24956444 | 25819585 | 25112414 | 25296148 | 1.82 | cps |
| Lithium | 6-1 | 1842465 | 1768785 | 1789334 | 1800195 | 2.11 | cps |
| Magnesium | 24-2 | 7001150 | 6941238 | 6929305 | 6957231 | 0.55 | cps |
| Manganese | 55-2 | 23789866 | 23834703 | 23529605 | 23718058 | 0.69 | cps |
| Molybdenum | 94-1 | 95854 | 98800 | 97881 | 97512 | 1.55 | cps |
| Molybdenum | 95-1 | 129348 | 130767 | 130912 | 130343 | 0.66 | cps |
| Molybdenum | 96-1 | 151176 | 151482 | 151896 | 151518 | 0.24 | cps |
| Molybdenum | 97-1 | 80336 | 81398 | 82092 | 81275 | 1.09 | cps |
| Molybdenum | 98-1 | 207568 | 212973 | 211425 | 210655 | 1.32 | cps |
| Neodymium | 150-1 | 64282 | 65698 | 64898 | 64960 | 1.09 | cps |
| Neodymium | 150-2 | 38422 | 38593 | 37603 | 38206 | 1.38 | cps |
| Nickel | 60-2 | 375453 | 373937 | 371480 | 373623 | 0.54 | cps |
| Phosphorus | 31-2 | 19973 | 19549 | 19840 | 19787 | 1.10 | cps |
| Potassium | 39-2 | 1922229 | 1912282 | 1916871 | 1917127 | 0.26 | cps |
| Rhodium | 103-1 | 10890778 | 10583302 | 10612163 | 10695414 | 1.59 | cps |
| Rhodium | 103-2 | 6256810 | 6242669 | 6167874 | 6222451 | 0.77 | cps |
| Scandium | 45-1 | 6506112 | 6308738 | 6263837 | 6359562 | 2.03 | cps |
| Scandium | 45-2 | 517277 | 507823 | 510546 | 511882 | 0.95 | cps |
| Selenium | 82-1 | 377 | 375 | 344 | 365 | 5.14 | cps |
| Selenium | 77-2 | 107 | 147 | 107 | 120 | 19.24 | cps |
| Selenium | 78-2 | 613 | 450 | 470 | 511 | 17.43 | cps |
| Silicon | 28-1 | 42162495 | 43118260 | 43089917 | 42790224 | 1.27 | cps |
| Silver | 107-1 | 36335 | 37004 | 36305 | 36548 | 1.08 | cps |
| Silver | 109-1 | 34728 | 35577 | 35587 | 35297 | 1.40 | cps |
| Sodium | 23-2 | 312111 | 309006 | 311501 | 310873 | 0.53 | cps |
| Strontium | 86-1 | 918508 | 928663 | 930245 | 925806 | 0.69 | cps |
| Strontium | 88-1 | 8275225 | 8346502 | 8359687 | 8327138 | 0.55 | cps |
| Sulfur | 34-1 | 254337 | 255105 | 254990 | 254811 | 0.16 | cps |
| Terbium | 159-1 | 15367416 | 14909933 | 14796031 | 15024460 | 2.01 | cps |
| Terbium | 159-2 | 10083962 | 10074762 | 10063608 | 10074111 | 0.10 | cps |
| Thallium | 203-1 | 11472 | 10965 | 10968 | 11135 | 2.62 | cps |
| Thallium | 205-1 | 26502 | 26710 | 26169 | 26460 | 1.03 | cps |
| Tin | 118-1 | 102166 | 104089 | 102444 | 102900 | 1.01 | cps |
| Titanium | 47-1 | 592631 | 590992 | 589762 | 591129 | 0.24 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:45:18 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 49883 | 50536 | 50385 | 50268 | 0.68 | cps |
| Vanadium | 51-2 | 376653 | 380425 | 374809 | 377295 | 0.76 | cps |
| Yttrium | 89-1 | 14841846 | 14408213 | 14210844 | 14486968 | 2.23 | cps |
| Yttrium | 89-2 | 3641475 | 3612425 | 3589488 | 3614463 | 0.72 | cps |
| Zinc | 66-2 | 1979067 | 1993187 | 1973559 | 1981938 | 0.51 | cps |
| Zirconium | 90-1 | 61213 | 62455 | 62854 | 62174 | 1.38 | cps |
| Zirconium | 91-1 | 13623 | 14160 | 13370 | 13718 | 2.94 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:48:20 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3924966 | 3881784 | 3908393 | 3905048 | 0.56 | cps |
| Antimony | 121-1 | 23823 | 24738 | 24648 | 24403 | 2.07 | cps |
| Arsenic | 75-2 | 13440 | 13910 | 13546 | 13632 | 1.81 | cps |
| Barium | 135-1 | 681152 | 680554 | 683029 | 681578 | 0.19 | cps |
| Barium | 137-1 | 1181952 | 1186807 | 1178486 | 1182415 | 0.35 | cps |
| Beryllium | 9-1 | 2010 | 1977 | 1987 | 1991 | 0.86 | cps |
| Bismuth | 209-1 | 8626574 | 8749177 | 8611506 | 8662419 | 0.87 | cps |
| Bismuth | 209-2 | 7123927 | 7192003 | 7180515 | 7165481 | 0.51 | cps |
| Bromine | 81-1 | 19039 | 19830 | 19566 | 19478 | 2.07 | cps |
| Bromine | 81-2 | 1217 | 1190 | 1250 | 1219 | 2.47 | cps |
| Cadmium | 108-1 | 1557 | 1633 | 1757 | 1649 | 6.12 | cps |
| Cadmium | 106-1 | 5745 | 5601 | 5755 | 5700 | 1.51 | cps |
| Cadmium | 111-1 | 23973 | 23809 | 23573 | 23785 | 0.85 | cps |
| Calcium | 43-1 | 3709135 | 3710864 | 3719738 | 3713246 | 0.15 | cps |
| Calcium | 44-1 | 59193986 | 58946779 | 59622157 | 59254307 | 0.58 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1843557 | 1855446 | 1837629 | 1845544 | 0.49 | cps |
| Cobalt | 59-2 | 147877 | 149586 | 149213 | 148892 | 0.60 | cps |
| Copper | 63-2 | 974529 | 977770 | 978536 | 976945 | 0.22 | cps |
| Dysprosium | 156-1 | 45002 | 44828 | 45236 | 45022 | 0.45 | cps |
| Dysprosium | 156-2 | 36471 | 35729 | 36872 | 36357 | 1.59 | cps |
| Erbium | 164-1 | 41030 | 41261 | 40890 | 41060 | 0.46 | cps |
| Erbium | 164-2 | 29004 | 28345 | 28893 | 28747 | 1.23 | cps |
| Gadolinium | 160-1 | 44788 | 45206 | 44300 | 44765 | 1.01 | cps |
| Gadolinium | 160-2 | 33794 | 33193 | 33610 | 33532 | 0.92 | cps |
| Holmium | 165-1 | 14568592 | 14641356 | 14559633 | 14589860 | 0.31 | cps |
| Holmium | 165-2 | 10192643 | 10123558 | 10115228 | 10143810 | 0.42 | cps |
| Indium | 115-1 | 11664384 | 11616288 | 11598144 | 11626272 | 0.29 | cps |
| Indium | 115-2 | 4090965 | 4129419 | 4089374 | 4103253 | 0.55 | cps |
| Iron | 56-2 | 853676387 | 848902547 | 843933694 | 848837543 | 0.57 | cps |
| Iron | 57-2 | 21007243 | 20934006 | 20831346 | 20924198 | 0.42 | cps |
| Iron | 54-2 | 45847704 | 45992746 | 45642953 | 45827801 | 0.38 | cps |
| Krypton | 83-1 | 273 | 227 | 273 | 258 | 10.45 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:48:20 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7074666 | 7211468 | 7129290 | 7138474 | 0.96 | cps |
| Lead | 207-1 | 6146021 | 6226804 | 6186633 | 6186486 | 0.65 | cps |
| Lead | 208-1 | 28062780 | 28589606 | 28373257 | 28341881 | 0.93 | cps |
| Lithium | 6-1 | 1777710 | 1763524 | 1735111 | 1758782 | 1.23 | cps |
| Magnesium | 24-2 | 7485624 | 7453261 | 7449136 | 7462673 | 0.27 | cps |
| Manganese | 55-2 | 25095010 | 24815683 | 24945783 | 24952159 | 0.56 | cps |
| Molybdenum | 94-1 | 84706 | 83952 | 83295 | 83984 | 0.84 | cps |
| Molybdenum | 95-1 | 107111 | 108532 | 107719 | 107788 | 0.66 | cps |
| Molybdenum | 96-1 | 128710 | 128811 | 130022 | 129181 | 0.57 | cps |
| Molybdenum | 97-1 | 67187 | 67675 | 66410 | 67091 | 0.95 | cps |
| Molybdenum | 98-1 | 172552 | 174630 | 174633 | 173939 | 0.69 | cps |
| Neodymium | 150-1 | 67641 | 69031 | 69058 | 68577 | 1.18 | cps |
| Neodymium | 150-2 | 41220 | 40926 | 39993 | 40713 | 1.57 | cps |
| Nickel | 60-2 | 392359 | 391212 | 393058 | 392210 | 0.24 | cps |
| Phosphorus | 31-2 | 21201 | 21776 | 21432 | 21470 | 1.35 | cps |
| Potassium | 39-2 | 1950087 | 1988311 | 1948224 | 1962207 | 1.15 | cps |
| Rhodium | 103-1 | 10524157 | 10590495 | 10529140 | 10547931 | 0.35 | cps |
| Rhodium | 103-2 | 6189490 | 6282619 | 6313937 | 6262015 | 1.03 | cps |
| Scandium | 45-1 | 6382606 | 6351873 | 6322556 | 6352345 | 0.47 | cps |
| Scandium | 45-2 | 522577 | 520658 | 520706 | 521314 | 0.21 | cps |
| Selenium | 82-1 | 304 | 414 | 340 | 353 | 15.84 | cps |
| Selenium | 77-2 | 123 | 97 | 127 | 116 | 14.23 | cps |
| Selenium | 78-2 | 483 | 513 | 510 | 502 | 3.27 | cps |
| Silicon | 28-1 | 37732703 | 38199511 | 38220349 | 38050854 | 0.72 | cps |
| Silver | 107-1 | 40409 | 39383 | 39420 | 39738 | 1.46 | cps |
| Silver | 109-1 | 38324 | 37746 | 38665 | 38245 | 1.21 | cps |
| Sodium | 23-2 | 332363 | 329490 | 330916 | 330923 | 0.43 | cps |
| Strontium | 86-1 | 929867 | 940929 | 924943 | 931913 | 0.88 | cps |
| Strontium | 88-1 | 8272138 | 8393237 | 8371949 | 8345775 | 0.77 | cps |
| Sulfur | 34-1 | 263810 | 264885 | 262234 | 263643 | 0.51 | cps |
| Terbium | 159-1 | 15015516 | 14711854 | 14866314 | 14864561 | 1.02 | cps |
| Terbium | 159-2 | 9974924 | 9998508 | 9995880 | 9989771 | 0.13 | cps |
| Thallium | 203-1 | 11959 | 12146 | 12289 | 12131 | 1.37 | cps |
| Thallium | 205-1 | 28156 | 28497 | 29064 | 28572 | 1.61 | cps |
| Tin | 118-1 | 132028 | 130346 | 130737 | 131037 | 0.67 | cps |
| Titanium | 47-1 | 588718 | 591653 | 587428 | 589267 | 0.37 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:48:20 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 51171 | 52215 | 52720 | 52035 | 1.52 | cps |
| Vanadium | 51-2 | 412345 | 413698 | 410487 | 412177 | 0.39 | cps |
| Yttrium | 89-1 | 14382586 | 14330762 | 14137046 | 14283465 | 0.91 | cps |
| Yttrium | 89-2 | 3683991 | 3668602 | 3688735 | 3680443 | 0.29 | cps |
| Zinc | 66-2 | 2120617 | 2117019 | 2119408 | 2119014 | 0.09 | cps |
| Zirconium | 90-1 | 60276 | 60524 | 60300 | 60367 | 0.23 | cps |
| Zirconium | 91-1 | 13480 | 13923 | 13590 | 13664 | 1.69 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:59:06 | DataFile Name : | 083CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12655112 | 12425131 | 12481441 | 12520562 | 0.96 | cps |
| Antimony | 121-1 | 5801177 | 5863220 | 5817808 | 5827402 | 0.55 | cps |
| Arsenic | 75-2 | 272726 | 272105 | 269248 | 271359 | 0.68 | cps |
| Barium | 135-1 | 7496764 | 7624081 | 7553826 | 7558224 | 0.84 | cps |
| Barium | 137-1 | 12829825 | 13188062 | 12966539 | 12994809 | 1.39 | cps |
| Beryllium | 9-1 | 667036 | 686810 | 680512 | 678119 | 1.49 | cps |
| Bismuth | 209-1 | 7819152 | 7665871 | 7548533 | 7677852 | 1.77 | cps |
| Bismuth | 209-2 | 6427307 | 6470617 | 6419565 | 6439163 | 0.43 | cps |
| Bromine | 81-1 | 13720 | 13757 | 13339 | 13605 | 1.70 | cps |
| Bromine | 81-2 | 160 | 123 | 103 | 129 | 22.30 | cps |
| Cadmium | 108-1 | 101059 | 104304 | 103496 | 102953 | 1.64 | cps |
| Cadmium | 106-1 | 146463 | 150581 | 146083 | 147709 | 1.69 | cps |
| Cadmium | 111-1 | 1358123 | 1389511 | 1373257 | 1373631 | 1.14 | cps |
| Calcium | 43-1 | 7800789 | 7872989 | 7634451 | 7769410 | 1.57 | cps |
| Calcium | 44-1 | 123219125 | 124547045 | 122862925 | 123543031 | 0.72 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2178736 | 2209145 | 2147571 | 2178484 | 1.41 | cps |
| Cobalt | 59-2 | 3446709 | 3391121 | 3368560 | 3402130 | 1.18 | cps |
| Copper | 63-2 | 24230669 | 24286581 | 24060384 | 24192545 | 0.49 | cps |
| Dysprosium | 156-1 | 313 | 250 | 280 | 281 | 11.27 | cps |
| Dysprosium | 156-2 | 467 | 423 | 513 | 468 | 9.62 | cps |
| Erbium | 164-1 | 263 | 277 | 313 | 284 | 9.10 | cps |
| Erbium | 164-2 | 153 | 223 | 173 | 183 | 19.67 | cps |
| Gadolinium | 160-1 | 253 | 240 | 260 | 251 | 4.06 | cps |
| Gadolinium | 160-2 | 620 | 553 | 617 | 597 | 6.30 | cps |
| Holmium | 165-1 | 13974208 | 13713731 | 13283746 | 13657229 | 2.55 | cps |
| Holmium | 165-2 | 9670088 | 9564155 | 9733415 | 9655886 | 0.89 | cps |
| Indium | 115-1 | 10718645 | 10510573 | 10252930 | 10494049 | 2.22 | cps |
| Indium | 115-2 | 3778480 | 3744953 | 3726800 | 3750078 | 0.70 | cps |
| Iron | 56-2 | 518734846 | 516522646 | 517102592 | 517453361 | 0.22 | cps |
| Iron | 57-2 | 12828731 | 12754422 | 12761184 | 12781446 | 0.32 | cps |
| Iron | 54-2 | 27955303 | 27880485 | 27805685 | 27880491 | 0.27 | cps |
| Krypton | 83-1 | 163 | 227 | 150 | 180 | 22.76 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:59:06 | DataFile Name : | 083CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 21295834 | 21898502 | 21721678 | 21638671 | 1.43 | cps |
| Lead | 207-1 | 19163975 | 19846253 | 19691718 | 19567315 | 1.83 | cps |
| Lead | 208-1 | 86633943 | 89289162 | 89073215 | 88332107 | 1.67 | cps |
| Lithium | 6-1 | 1650642 | 1600800 | 1608996 | 1620146 | 1.65 | cps |
| Magnesium | 24-2 | 98262049 | 96702255 | 96263382 | 97075895 | 1.08 | cps |
| Manganese | 55-2 | 17468874 | 17499147 | 17459062 | 17475694 | 0.12 | cps |
| Molybdenum | 94-1 | 19932959 | 20760961 | 20168857 | 20287592 | 2.10 | cps |
| Molybdenum | 95-1 | 28892340 | 30006023 | 29128895 | 29342420 | 2.00 | cps |
| Molybdenum | 96-1 | 31521298 | 32829563 | 31931747 | 32094203 | 2.08 | cps |
| Molybdenum | 97-1 | 18065558 | 18619643 | 18249569 | 18311590 | 1.54 | cps |
| Molybdenum | 98-1 | 46878053 | 48100706 | 47580654 | 47519804 | 1.29 | cps |
| Neodymium | 150-1 | 393 | 470 | 463 | 442 | 9.60 | cps |
| Neodymium | 150-2 | 150 | 123 | 150 | 141 | 10.91 | cps |
| Nickel | 60-2 | 813916 | 805590 | 800230 | 806578 | 0.86 | cps |
| Phosphorus | 31-2 | 111542 | 110575 | 108951 | 110356 | 1.19 | cps |
| Potassium | 39-2 | 62643744 | 62249004 | 62540846 | 62477865 | 0.33 | cps |
| Rhodium | 103-1 | 9737282 | 9432455 | 9211020 | 9460252 | 2.79 | cps |
| Rhodium | 103-2 | 5547817 | 5484304 | 5571625 | 5534582 | 0.82 | cps |
| Scandium | 45-1 | 6175605 | 6041716 | 5868390 | 6028570 | 2.55 | cps |
| Scandium | 45-2 | 480679 | 474673 | 478936 | 478096 | 0.65 | cps |
| Selenium | 82-1 | 83111 | 84237 | 84429 | 83925 | 0.85 | cps |
| Selenium | 77-2 | 8229 | 8586 | 8586 | 8467 | 2.43 | cps |
| Selenium | 78-2 | 28755 | 28063 | 28638 | 28485 | 1.30 | cps |
| Silicon | 28-1 | 3424497 | 3438563 | 3401713 | 3421591 | 0.54 | cps |
| Silver | 107-1 | 7108826 | 7128725 | 7041372 | 7092974 | 0.65 | cps |
| Silver | 109-1 | 6797757 | 7019295 | 6818233 | 6878429 | 1.78 | cps |
| Sodium | 23-2 | 157647181 | 159373288 | 156709898 | 157910122 | 0.86 | cps |
| Strontium | 86-1 | 1883284 | 1945962 | 1867836 | 1899027 | 2.18 | cps |
| Strontium | 88-1 | 16323970 | 16523576 | 16343346 | 16396964 | 0.67 | cps |
| Sulfur | 34-1 | 584023 | 593599 | 580524 | 586049 | 1.16 | cps |
| Terbium | 159-1 | 14270013 | 13926131 | 13815234 | 14003792 | 1.69 | cps |
| Terbium | 159-2 | 9516484 | 9593676 | 9557305 | 9555822 | 0.40 | cps |
| Thallium | 203-1 | 5537169 | 5744587 | 5604219 | 5628658 | 1.88 | cps |
| Thallium | 205-1 | 13194902 | 13302422 | 13175477 | 13224267 | 0.52 | cps |
| Tin | 118-1 | 4798253 | 4995406 | 4890411 | 4894690 | 2.02 | cps |
| Titanium | 47-1 | 7164318 | 7334037 | 7204994 | 7234450 | 1.22 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 15:59:06 | DataFile Name : | 083CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17273014 | 17600848 | 17800846 | 17558236 | 1.52 | cps |
| Vanadium | 51-2 | 1961771 | 1964994 | 1958351 | 1961705 | 0.17 | cps |
| Yttrium | 89-1 | 13067031 | 12887660 | 12561490 | 12838727 | 2.00 | cps |
| Yttrium | 89-2 | 3310757 | 3273507 | 3242892 | 3275718 | 1.04 | cps |
| Zinc | 66-2 | 4017564 | 3961617 | 3950279 | 3976487 | 0.91 | cps |
| Zirconium | 90-1 | 9957816 | 10209231 | 10063998 | 10077015 | 1.25 | cps |
| Zirconium | 91-1 | 2196522 | 2277164 | 2234030 | 2235905 | 1.80 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:03:31 | DataFile Name : | 084CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 513 | 503 | 570 | 529 | 6.80 | cps |
| Antimony | 121-1 | 1247 | 1233 | 1007 | 1162 | 11.61 | cps |
| Arsenic | 75-2 | 0 | 7 | 13 | 7 | 99.98 | cps |
| Barium | 135-1 | 430 | 293 | 233 | 319 | 31.61 | cps |
| Barium | 137-1 | 827 | 467 | 407 | 567 | 40.09 | cps |
| Beryllium | 9-1 | 120 | 143 | 103 | 122 | 16.44 | cps |
| Bismuth | 209-1 | 8924810 | 8645180 | 8395311 | 8655100 | 3.06 | cps |
| Bismuth | 209-2 | 7341641 | 7327510 | 7342807 | 7337319 | 0.12 | cps |
| Bromine | 81-1 | 13810 | 14124 | 13613 | 13849 | 1.86 | cps |
| Bromine | 81-2 | 123 | 133 | 130 | 129 | 3.95 | cps |
| Cadmium | 108-1 | 17 | 13 | 10 | 13 | 25.01 | cps |
| Cadmium | 106-1 | 3227 | 2724 | 2904 | 2951 | 8.64 | cps |
| Cadmium | 111-1 | 2321 | 1937 | 2072 | 2110 | 9.22 | cps |
| Calcium | 43-1 | 677 | 637 | 487 | 600 | 16.69 | cps |
| Calcium | 44-1 | 15011 | 12916 | 11685 | 13204 | 12.74 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1420 | 1333 | 1450 | 1401 | 4.32 | cps |
| Cobalt | 59-2 | 167 | 150 | 113 | 143 | 19.04 | cps |
| Copper | 63-2 | 1663 | 1593 | 1490 | 1582 | 5.51 | cps |
| Dysprosium | 156-1 | 17 | 3 | 0 | 7 | 132.33 | cps |
| Dysprosium | 156-2 | 10 | 7 | 7 | 8 | 24.71 | cps |
| Erbium | 164-1 | 50 | 50 | 37 | 46 | 16.89 | cps |
| Erbium | 164-2 | 23 | 67 | 17 | 36 | 76.36 | cps |
| Gadolinium | 160-1 | 43 | 47 | 50 | 47 | 7.15 | cps |
| Gadolinium | 160-2 | 530 | 427 | 483 | 480 | 10.78 | cps |
| Holmium | 165-1 | 14587160 | 14063938 | 13922166 | 14191088 | 2.47 | cps |
| Holmium | 165-2 | 10131222 | 9904524 | 9956128 | 9997291 | 1.19 | cps |
| Indium | 115-1 | 12092017 | 11534331 | 11463857 | 11696735 | 2.94 | cps |
| Indium | 115-2 | 4136765 | 4118450 | 4150955 | 4135390 | 0.39 | cps |
| Iron | 56-2 | 33783 | 29562 | 28931 | 30759 | 8.58 | cps |
| Iron | 57-2 | 1177 | 1143 | 1177 | 1166 | 1.65 | cps |
| Iron | 54-2 | 2830 | 2590 | 2960 | 2794 | 6.72 | cps |
| Krypton | 83-1 | 233 | 253 | 233 | 240 | 4.81 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:03:31 | DataFile Name : | 084CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2057 | 1823 | 1453 | 1778 | 17.11 | cps |
| Lead | 207-1 | 1880 | 1463 | 1363 | 1569 | 17.47 | cps |
| Lead | 208-1 | 8474 | 7031 | 5994 | 7166 | 17.38 | cps |
| Lithium | 6-1 | 1818787 | 1771956 | 1747025 | 1779256 | 2.05 | cps |
| Magnesium | 24-2 | 2297 | 2130 | 2057 | 2161 | 5.69 | cps |
| Manganese | 55-2 | 783 | 767 | 730 | 760 | 3.59 | cps |
| Molybdenum | 94-1 | 1700 | 1140 | 1070 | 1303 | 26.49 | cps |
| Molybdenum | 95-1 | 1940 | 1417 | 967 | 1441 | 33.80 | cps |
| Molybdenum | 96-1 | 2214 | 1513 | 1160 | 1629 | 32.91 | cps |
| Molybdenum | 97-1 | 1207 | 893 | 670 | 923 | 29.20 | cps |
| Molybdenum | 98-1 | 3277 | 2150 | 1677 | 2368 | 34.72 | cps |
| Neodymium | 150-1 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Neodymium | 150-2 | 0 | 3 | 0 | 1 | 173.21 | cps |
| Nickel | 60-2 | 330 | 337 | 307 | 324 | 4.86 | cps |
| Phosphorus | 31-2 | 173 | 130 | 130 | 144 | 17.32 | cps |
| Potassium | 39-2 | 48714 | 48230 | 48855 | 48600 | 0.67 | cps |
| Rhodium | 103-1 | 11018365 | 10501718 | 10500279 | 10673454 | 2.80 | cps |
| Rhodium | 103-2 | 6404013 | 6197192 | 6336236 | 6312480 | 1.67 | cps |
| Scandium | 45-1 | 6466312 | 6159727 | 6136801 | 6254280 | 2.94 | cps |
| Scandium | 45-2 | 514417 | 505994 | 514205 | 511539 | 0.94 | cps |
| Selenium | 82-1 | 53 | 8 | 53 | 38 | 67.57 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 460 | 500 | 360 | 440 | 16.39 | cps |
| Silicon | 28-1 | 572575 | 573938 | 584555 | 577023 | 1.14 | cps |
| Silver | 107-1 | 623 | 493 | 413 | 510 | 20.78 | cps |
| Silver | 109-1 | 563 | 473 | 410 | 482 | 15.98 | cps |
| Sodium | 23-2 | 30196 | 29131 | 29792 | 29706 | 1.81 | cps |
| Strontium | 86-1 | 413 | 520 | 420 | 451 | 13.25 | cps |
| Strontium | 88-1 | 1103 | 863 | 740 | 902 | 20.48 | cps |
| Sulfur | 34-1 | 174797 | 175535 | 178692 | 176341 | 1.17 | cps |
| Terbium | 159-1 | 15126188 | 14442761 | 14402203 | 14657051 | 2.78 | cps |
| Terbium | 159-2 | 9970812 | 9877434 | 9958757 | 9935668 | 0.51 | cps |
| Thallium | 203-1 | 807 | 760 | 697 | 754 | 7.32 | cps |
| Thallium | 205-1 | 1953 | 1717 | 1773 | 1815 | 6.81 | cps |
| Tin | 118-1 | 1673 | 1743 | 1590 | 1669 | 4.60 | cps |
| Titanium | 47-1 | 437 | 393 | 213 | 348 | 34.05 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB045 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB045 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:03:31 | DataFile Name : | 084CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 803 | 600 | 390 | 598 | 34.57 | cps |
| Vanadium | 51-2 | 50 | 40 | 53 | 48 | 14.52 | cps |
| Yttrium | 89-1 | 13778043 | 13475999 | 13368357 | 13540800 | 1.57 | cps |
| Yttrium | 89-2 | 3463865 | 3377122 | 3480151 | 3440379 | 1.61 | cps |
| Zinc | 66-2 | 510 | 423 | 600 | 511 | 17.28 | cps |
| Zirconium | 90-1 | 1317 | 1193 | 1150 | 1220 | 7.09 | cps |
| Zirconium | 91-1 | 317 | 283 | 230 | 277 | 15.80 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:16:47 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 553914 | 546418 | 551024 | 550452 | 0.69 | cps |
| Antimony | 121-1 | 8786 | 8933 | 8816 | 8845 | 0.88 | cps |
| Arsenic | 75-2 | 3664 | 3887 | 3711 | 3754 | 3.14 | cps |
| Barium | 135-1 | 158367 | 158464 | 159896 | 158909 | 0.54 | cps |
| Barium | 137-1 | 272059 | 274900 | 276678 | 274546 | 0.85 | cps |
| Beryllium | 9-1 | 587 | 613 | 607 | 602 | 2.30 | cps |
| Bismuth | 209-1 | 8917047 | 8971345 | 8775213 | 8887869 | 1.14 | cps |
| Bismuth | 209-2 | 7664622 | 7615735 | 7476295 | 7585551 | 1.29 | cps |
| Bromine | 81-1 | 15852 | 16493 | 16393 | 16246 | 2.12 | cps |
| Bromine | 81-2 | 323 | 300 | 343 | 322 | 6.73 | cps |
| Cadmium | 108-1 | 860 | 867 | 817 | 848 | 3.20 | cps |
| Cadmium | 106-1 | 4061 | 3864 | 4081 | 4002 | 2.99 | cps |
| Cadmium | 111-1 | 8048 | 8063 | 7996 | 8036 | 0.44 | cps |
| Calcium | 43-1 | 724096 | 737343 | 733548 | 731662 | 0.93 | cps |
| Calcium | 44-1 | 11264672 | 11353366 | 11182571 | 11266870 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 546569 | 539898 | 542681 | 543049 | 0.62 | cps |
| Cobalt | 59-2 | 23769 | 23886 | 24116 | 23924 | 0.74 | cps |
| Copper | 63-2 | 143460 | 143540 | 143786 | 143595 | 0.12 | cps |
| Dysprosium | 156-1 | 3764 | 3777 | 3841 | 3794 | 1.08 | cps |
| Dysprosium | 156-2 | 3187 | 3270 | 3137 | 3198 | 2.11 | cps |
| Erbium | 164-1 | 3917 | 4027 | 3841 | 3928 | 2.39 | cps |
| Erbium | 164-2 | 2794 | 2924 | 2807 | 2841 | 2.52 | cps |
| Gadolinium | 160-1 | 3564 | 3724 | 3530 | 3606 | 2.87 | cps |
| Gadolinium | 160-2 | 3364 | 3017 | 2954 | 3111 | 7.10 | cps |
| Holmium | 165-1 | 14369823 | 14275080 | 14078864 | 14241255 | 1.04 | cps |
| Holmium | 165-2 | 10259840 | 10291008 | 10390097 | 10313648 | 0.66 | cps |
| Indium | 115-1 | 11899490 | 11904112 | 11999107 | 11934236 | 0.47 | cps |
| Indium | 115-2 | 4413481 | 4340092 | 4343305 | 4365626 | 0.95 | cps |
| Iron | 56-2 | 311631395 | 311025075 | 311235755 | 311297409 | 0.10 | cps |
| Iron | 57-2 | 7697545 | 7603333 | 7698021 | 7666300 | 0.71 | cps |
| Iron | 54-2 | 17012667 | 16829609 | 16816267 | 16886181 | 0.65 | cps |
| Krypton | 83-1 | 270 | 207 | 243 | 240 | 13.25 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:16:47 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10927161 | 11065760 | 10991499 | 10994807 | 0.63 | cps |
| Lead | 207-1 | 9317979 | 9422793 | 9410809 | 9383861 | 0.61 | cps |
| Lead | 208-1 | 43107149 | 43517088 | 43190160 | 43271465 | 0.50 | cps |
| Lithium | 6-1 | 1710019 | 1730386 | 1689833 | 1710079 | 1.19 | cps |
| Magnesium | 24-2 | 1871413 | 1863722 | 1853109 | 1862748 | 0.49 | cps |
| Manganese | 55-2 | 9083529 | 8999303 | 9095802 | 9059544 | 0.58 | cps |
| Molybdenum | 94-1 | 19226 | 19430 | 19089 | 19248 | 0.89 | cps |
| Molybdenum | 95-1 | 24247 | 24314 | 24360 | 24307 | 0.23 | cps |
| Molybdenum | 96-1 | 30605 | 31140 | 30391 | 30712 | 1.25 | cps |
| Molybdenum | 97-1 | 14464 | 15051 | 14928 | 14814 | 2.09 | cps |
| Molybdenum | 98-1 | 38517 | 39126 | 39179 | 38941 | 0.94 | cps |
| Neodymium | 150-1 | 5975 | 6125 | 5928 | 6009 | 1.71 | cps |
| Neodymium | 150-2 | 3781 | 3774 | 3474 | 3676 | 4.77 | cps |
| Nickel | 60-2 | 109657 | 110665 | 109653 | 109992 | 0.53 | cps |
| Phosphorus | 31-2 | 3224 | 3110 | 3184 | 3173 | 1.81 | cps |
| Potassium | 39-2 | 283125 | 282429 | 286340 | 283965 | 0.73 | cps |
| Rhodium | 103-1 | 11065649 | 10947536 | 10976134 | 10996440 | 0.56 | cps |
| Rhodium | 103-2 | 6695733 | 6692681 | 6625939 | 6671451 | 0.59 | cps |
| Scandium | 45-1 | 6618896 | 6612127 | 6560374 | 6597133 | 0.49 | cps |
| Scandium | 45-2 | 559855 | 559627 | 560577 | 560020 | 0.09 | cps |
| Selenium | 82-1 | 129 | 179 | 126 | 144 | 20.52 | cps |
| Selenium | 77-2 | 7 | 17 | 20 | 14 | 48.02 | cps |
| Selenium | 78-2 | 470 | 477 | 430 | 459 | 5.50 | cps |
| Silicon | 28-1 | 8591021 | 8767736 | 8636709 | 8665155 | 1.06 | cps |
| Silver | 107-1 | 17317 | 17327 | 17531 | 17392 | 0.69 | cps |
| Silver | 109-1 | 16596 | 16496 | 16590 | 16561 | 0.34 | cps |
| Sodium | 23-2 | 128530 | 127025 | 127412 | 127656 | 0.61 | cps |
| Strontium | 86-1 | 117769 | 116597 | 120125 | 118164 | 1.52 | cps |
| Strontium | 88-1 | 1019871 | 1019349 | 1031782 | 1023667 | 0.69 | cps |
| Sulfur | 34-1 | 207928 | 211225 | 208073 | 209076 | 0.89 | cps |
| Terbium | 159-1 | 14807241 | 14678544 | 14836834 | 14774206 | 0.57 | cps |
| Terbium | 159-2 | 10297607 | 10186898 | 10249463 | 10244656 | 0.54 | cps |
| Thallium | 203-1 | 5621 | 5505 | 5588 | 5571 | 1.08 | cps |
| Thallium | 205-1 | 13283 | 13403 | 13300 | 13329 | 0.49 | cps |
| Tin | 118-1 | 37773 | 38652 | 38582 | 38335 | 1.27 | cps |
| Titanium | 47-1 | 126877 | 129683 | 128033 | 128198 | 1.10 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:16:47 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6982 | 7039 | 6989 | 7003 | 0.44 | cps |
| Vanadium | 51-2 | 48498 | 48511 | 47478 | 48162 | 1.23 | cps |
| Yttrium | 89-1 | 14157178 | 14113440 | 14072815 | 14114478 | 0.30 | cps |
| Yttrium | 89-2 | 3748971 | 3790492 | 3710889 | 3750117 | 1.06 | cps |
| Zinc | 66-2 | 4976377 | 4902211 | 4893540 | 4924043 | 0.92 | cps |
| Zirconium | 90-1 | 13823 | 14547 | 14167 | 14179 | 2.55 | cps |
| Zirconium | 91-1 | 3207 | 3147 | 3257 | 3204 | 1.72 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:20:43 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 571893 | 569203 | 566938 | 569344 | 0.44 | cps |
| Antimony | 121-1 | 9120 | 9473 | 9523 | 9372 | 2.35 | cps |
| Arsenic | 75-2 | 3994 | 4034 | 3941 | 3989 | 1.17 | cps |
| Barium | 135-1 | 159802 | 166042 | 163432 | 163092 | 1.92 | cps |
| Barium | 137-1 | 280089 | 281764 | 283699 | 281850 | 0.64 | cps |
| Beryllium | 9-1 | 570 | 633 | 600 | 601 | 5.27 | cps |
| Bismuth | 209-1 | 8814818 | 8879398 | 8766035 | 8820084 | 0.64 | cps |
| Bismuth | 209-2 | 7616734 | 7479812 | 7567597 | 7554714 | 0.92 | cps |
| Bromine | 81-1 | 16299 | 16266 | 16736 | 16434 | 1.60 | cps |
| Bromine | 81-2 | 323 | 337 | 337 | 332 | 2.32 | cps |
| Cadmium | 108-1 | 730 | 773 | 810 | 771 | 5.19 | cps |
| Cadmium | 106-1 | 4364 | 4437 | 4127 | 4310 | 3.76 | cps |
| Cadmium | 111-1 | 8568 | 8399 | 8610 | 8526 | 1.31 | cps |
| Calcium | 43-1 | 744987 | 749218 | 750983 | 748396 | 0.41 | cps |
| Calcium | 44-1 | 11719433 | 11509086 | 11662496 | 11630338 | 0.94 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 564080 | 558430 | 559978 | 560829 | 0.52 | cps |
| Cobalt | 59-2 | 24874 | 24914 | 24744 | 24844 | 0.36 | cps |
| Copper | 63-2 | 148625 | 147469 | 147852 | 147982 | 0.40 | cps |
| Dysprosium | 156-1 | 3944 | 3661 | 3771 | 3792 | 3.77 | cps |
| Dysprosium | 156-2 | 3364 | 3444 | 3247 | 3352 | 2.95 | cps |
| Erbium | 164-1 | 3994 | 4114 | 4137 | 4082 | 1.88 | cps |
| Erbium | 164-2 | 2880 | 2880 | 3064 | 2941 | 3.60 | cps |
| Gadolinium | 160-1 | 3894 | 3727 | 3634 | 3752 | 3.51 | cps |
| Gadolinium | 160-2 | 3210 | 3274 | 3390 | 3292 | 2.77 | cps |
| Holmium | 165-1 | 14516169 | 14250755 | 14095525 | 14287483 | 1.49 | cps |
| Holmium | 165-2 | 10486613 | 10439604 | 10306506 | 10410908 | 0.90 | cps |
| Indium | 115-1 | 12143667 | 11973124 | 11828725 | 11981839 | 1.32 | cps |
| Indium | 115-2 | 4412631 | 4323460 | 4347535 | 4361209 | 1.06 | cps |
| Iron | 56-2 | 324544575 | 319224769 | 320760609 | 321509984 | 0.85 | cps |
| Iron | 57-2 | 7963391 | 7874423 | 7893483 | 7910432 | 0.59 | cps |
| Iron | 54-2 | 17628626 | 17377247 | 17310173 | 17438682 | 0.96 | cps |
| Krypton | 83-1 | 283 | 260 | 283 | 276 | 4.89 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:20:43 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11225832 | 11165880 | 11058177 | 11149963 | 0.76 | cps |
| Lead | 207-1 | 9532896 | 9579994 | 9547924 | 9553605 | 0.25 | cps |
| Lead | 208-1 | 43850431 | 44145042 | 43865688 | 43953720 | 0.38 | cps |
| Lithium | 6-1 | 1666466 | 1702005 | 1692576 | 1687016 | 1.09 | cps |
| Magnesium | 24-2 | 1939874 | 1914525 | 1923972 | 1926123 | 0.67 | cps |
| Manganese | 55-2 | 9481442 | 9282857 | 9295223 | 9353174 | 1.19 | cps |
| Molybdenum | 94-1 | 19954 | 19910 | 20030 | 19965 | 0.30 | cps |
| Molybdenum | 95-1 | 24734 | 24841 | 25415 | 24997 | 1.47 | cps |
| Molybdenum | 96-1 | 31644 | 31811 | 31901 | 31786 | 0.41 | cps |
| Molybdenum | 97-1 | 15085 | 15572 | 15812 | 15489 | 2.39 | cps |
| Molybdenum | 98-1 | 40295 | 40178 | 40152 | 40209 | 0.19 | cps |
| Neodymium | 150-1 | 6285 | 6175 | 6325 | 6261 | 1.24 | cps |
| Neodymium | 150-2 | 3804 | 3797 | 3797 | 3799 | 0.10 | cps |
| Nickel | 60-2 | 112806 | 112743 | 113425 | 112991 | 0.33 | cps |
| Phosphorus | 31-2 | 3174 | 3310 | 3144 | 3209 | 2.77 | cps |
| Potassium | 39-2 | 294120 | 291370 | 293005 | 292832 | 0.47 | cps |
| Rhodium | 103-1 | 11225852 | 11071088 | 10951027 | 11082656 | 1.24 | cps |
| Rhodium | 103-2 | 6732192 | 6667819 | 6679943 | 6693318 | 0.51 | cps |
| Scandium | 45-1 | 6700808 | 6586117 | 6598268 | 6628398 | 0.95 | cps |
| Scandium | 45-2 | 568104 | 566765 | 565741 | 566870 | 0.21 | cps |
| Selenium | 82-1 | 106 | 130 | 103 | 113 | 13.24 | cps |
| Selenium | 77-2 | 17 | 30 | 27 | 24 | 28.38 | cps |
| Selenium | 78-2 | 440 | 513 | 460 | 471 | 8.05 | cps |
| Silicon | 28-1 | 8808226 | 8842102 | 8809612 | 8819980 | 0.22 | cps |
| Silver | 107-1 | 17941 | 17974 | 18011 | 17976 | 0.20 | cps |
| Silver | 109-1 | 16867 | 16850 | 16900 | 16872 | 0.15 | cps |
| Sodium | 23-2 | 130621 | 130587 | 131256 | 130822 | 0.29 | cps |
| Strontium | 86-1 | 119752 | 121365 | 121690 | 120936 | 0.86 | cps |
| Strontium | 88-1 | 1047531 | 1057011 | 1052749 | 1052430 | 0.45 | cps |
| Sulfur | 34-1 | 209391 | 208570 | 208053 | 208671 | 0.32 | cps |
| Terbium | 159-1 | 14879364 | 14810359 | 14870389 | 14853370 | 0.25 | cps |
| Terbium | 159-2 | 10334936 | 10330392 | 10374968 | 10346765 | 0.24 | cps |
| Thallium | 203-1 | 5575 | 5761 | 5645 | 5660 | 1.67 | cps |
| Thallium | 205-1 | 13754 | 13967 | 13353 | 13691 | 2.28 | cps |
| Tin | 118-1 | 43141 | 38856 | 40303 | 40766 | 5.35 | cps |
| Titanium | 47-1 | 130712 | 132423 | 133540 | 132225 | 1.08 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:20:43 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7162 | 7029 | 7089 | 7093 | 0.94 | cps |
| Vanadium | 51-2 | 49417 | 50216 | 49718 | 49784 | 0.81 | cps |
| Yttrium | 89-1 | 14109152 | 14174866 | 14116195 | 14133405 | 0.26 | cps |
| Yttrium | 89-2 | 3767539 | 3710677 | 3753307 | 3743841 | 0.79 | cps |
| Zinc | 66-2 | 5140159 | 5077623 | 5033925 | 5083902 | 1.05 | cps |
| Zirconium | 90-1 | 14497 | 14948 | 14751 | 14732 | 1.53 | cps |
| Zirconium | 91-1 | 3297 | 3137 | 3207 | 3214 | 2.50 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 16:23:49 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 111192 | 109937 | 111665 | 110931 | 0.81 | cps |
| Antimony | 121-1 | 1747 | 1960 | 1937 | 1881 | 6.22 | cps |
| Arsenic | 75-2 | 840 | 830 | 717 | 796 | 8.61 | cps |
| Barium | 135-1 | 31896 | 31916 | 31983 | 31931 | 0.14 | cps |
| Barium | 137-1 | 53995 | 54962 | 55478 | 54812 | 1.37 | cps |
| Beryllium | 9-1 | 210 | 133 | 123 | 156 | 30.48 | cps |
| Bismuth | 209-1 | 8698188 | 8681372 | 8550756 | 8643438 | 0.93 | cps |
| Bismuth | 209-2 | 7251358 | 7421851 | 7460103 | 7377771 | 1.51 | cps |
| Bromine | 81-1 | 15712 | 15812 | 16473 | 15999 | 2.58 | cps |
| Bromine | 81-2 | 167 | 170 | 187 | 174 | 6.14 | cps |
| Cadmium | 108-1 | 137 | 160 | 187 | 161 | 15.53 | cps |
| Cadmium | 106-1 | 3470 | 3474 | 3594 | 3513 | 2.00 | cps |
| Cadmium | 111-1 | 3497 | 3503 | 3568 | 3523 | 1.12 | cps |
| Calcium | 43-1 | 145866 | 147040 | 146243 | 146383 | 0.41 | cps |
| Calcium | 44-1 | 2242949 | 2280420 | 2225848 | 2249739 | 1.24 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 110215 | 109487 | 109641 | 109781 | 0.35 | cps |
| Cobalt | 59-2 | 4858 | 4594 | 4911 | 4787 | 3.54 | cps |
| Copper | 63-2 | 34092 | 33708 | 34613 | 34138 | 1.33 | cps |
| Dysprosium | 156-1 | 763 | 830 | 763 | 786 | 4.90 | cps |
| Dysprosium | 156-2 | 660 | 603 | 667 | 643 | 5.41 | cps |
| Erbium | 164-1 | 820 | 763 | 830 | 804 | 4.47 | cps |
| Erbium | 164-2 | 577 | 557 | 633 | 589 | 6.75 | cps |
| Gadolinium | 160-1 | 697 | 833 | 767 | 766 | 8.93 | cps |
| Gadolinium | 160-2 | 1050 | 990 | 1043 | 1028 | 3.20 | cps |
| Holmium | 165-1 | 14245894 | 14378535 | 14339837 | 14321422 | 0.48 | cps |
| Holmium | 165-2 | 10303418 | 10302217 | 10326732 | 10310789 | 0.13 | cps |
| Indium | 115-1 | 12237101 | 11993566 | 11945836 | 12058835 | 1.30 | cps |
| Indium | 115-2 | 4395669 | 4372104 | 4382839 | 4383537 | 0.27 | cps |
| Iron | 56-2 | 63343247 | 62171076 | 62260239 | 62591521 | 1.04 | cps |
| Iron | 57-2 | 1550666 | 1542693 | 1528559 | 1540639 | 0.73 | cps |
| Iron | 54-2 | 3404700 | 3392499 | 3395237 | 3397479 | 0.19 | cps |
| Krypton | 83-1 | 193 | 287 | 300 | 260 | 22.35 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 16:23:49 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2188061 | 2228734 | 2216518 | 2211105 | 0.94 | cps |
| Lead | 207-1 | 1868050 | 1894673 | 1909255 | 1890659 | 1.11 | cps |
| Lead | 208-1 | 8585348 | 8794730 | 8719264 | 8699781 | 1.22 | cps |
| Lithium | 6-1 | 1699251 | 1646399 | 1681605 | 1675752 | 1.61 | cps |
| Magnesium | 24-2 | 362386 | 359801 | 362894 | 361694 | 0.46 | cps |
| Manganese | 55-2 | 1853519 | 1815498 | 1840430 | 1836482 | 1.05 | cps |
| Molybdenum | 94-1 | 3917 | 4191 | 3937 | 4015 | 3.80 | cps |
| Molybdenum | 95-1 | 5064 | 5141 | 5204 | 5137 | 1.37 | cps |
| Molybdenum | 96-1 | 6181 | 6371 | 6502 | 6351 | 2.54 | cps |
| Molybdenum | 97-1 | 3310 | 2987 | 3000 | 3099 | 5.90 | cps |
| Molybdenum | 98-1 | 7665 | 8156 | 7649 | 7823 | 3.68 | cps |
| Neodymium | 150-1 | 1163 | 1243 | 1257 | 1221 | 4.13 | cps |
| Neodymium | 150-2 | 763 | 720 | 607 | 697 | 11.61 | cps |
| Nickel | 60-2 | 22590 | 22634 | 22550 | 22591 | 0.18 | cps |
| Phosphorus | 31-2 | 737 | 723 | 837 | 766 | 8.09 | cps |
| Potassium | 39-2 | 97842 | 96963 | 97637 | 97480 | 0.47 | cps |
| Rhodium | 103-1 | 11240502 | 11152532 | 11021032 | 11138022 | 0.99 | cps |
| Rhodium | 103-2 | 6759825 | 6678381 | 6788318 | 6742175 | 0.85 | cps |
| Scandium | 45-1 | 6624488 | 6626590 | 6514534 | 6588537 | 0.97 | cps |
| Scandium | 45-2 | 560912 | 561094 | 561082 | 561029 | 0.02 | cps |
| Selenium | 82-1 | 157 | 57 | 21 | 78 | 90.33 | cps |
| Selenium | 77-2 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Selenium | 78-2 | 470 | 463 | 423 | 452 | 5.58 | cps |
| Silicon | 28-1 | 2442809 | 2496577 | 2433903 | 2457763 | 1.38 | cps |
| Silver | 107-1 | 3480 | 3574 | 3400 | 3485 | 2.49 | cps |
| Silver | 109-1 | 3370 | 3364 | 3320 | 3352 | 0.81 | cps |
| Sodium | 23-2 | 45230 | 45189 | 45677 | 45365 | 0.60 | cps |
| Strontium | 86-1 | 23889 | 24170 | 24193 | 24084 | 0.70 | cps |
| Strontium | 88-1 | 202470 | 206620 | 205637 | 204909 | 1.06 | cps |
| Sulfur | 34-1 | 194632 | 197697 | 196540 | 196290 | 0.79 | cps |
| Terbium | 159-1 | 14770288 | 14865976 | 14597352 | 14744539 | 0.92 | cps |
| Terbium | 159-2 | 10146603 | 10233352 | 10131844 | 10170600 | 0.54 | cps |
| Thallium | 203-1 | 1383 | 1313 | 1290 | 1329 | 3.66 | cps |
| Thallium | 205-1 | 3180 | 3427 | 3384 | 3330 | 3.96 | cps |
| Tin | 118-1 | 8549 | 8966 | 8846 | 8787 | 2.44 | cps |
| Titanium | 47-1 | 25775 | 26507 | 25845 | 26042 | 1.55 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-23 16:23:49 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1313 | 1430 | 1543 | 1429 | 8.05 | cps |
| Vanadium | 51-2 | 9743 | 9556 | 9563 | 9621 | 1.10 | cps |
| Yttrium | 89-1 | 14225109 | 14175110 | 14025931 | 14142050 | 0.73 | cps |
| Yttrium | 89-2 | 3706194 | 3737119 | 3731968 | 3725094 | 0.44 | cps |
| Zinc | 66-2 | 963840 | 961337 | 961210 | 962129 | 0.15 | cps |
| Zirconium | 90-1 | 3234 | 3360 | 3377 | 3324 | 2.36 | cps |
| Zirconium | 91-1 | 760 | 740 | 670 | 723 | 6.53 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:27:36 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 575903 | 571244 | 575092 | 574080 | 0.43 | cps |
| Antimony | 121-1 | 62529 | 62950 | 64480 | 63320 | 1.62 | cps |
| Arsenic | 75-2 | 4731 | 4818 | 5118 | 4889 | 4.15 | cps |
| Barium | 135-1 | 418661 | 427651 | 430118 | 425477 | 1.42 | cps |
| Barium | 137-1 | 737879 | 741135 | 740697 | 739904 | 0.24 | cps |
| Beryllium | 9-1 | 3740 | 3877 | 3724 | 3780 | 2.23 | cps |
| Bismuth | 209-1 | 9080296 | 8882374 | 8243654 | 8735441 | 5.01 | cps |
| Bismuth | 209-2 | 7584163 | 7603248 | 7588700 | 7592037 | 0.13 | cps |
| Bromine | 81-1 | 16403 | 16987 | 16963 | 16784 | 1.97 | cps |
| Bromine | 81-2 | 373 | 340 | 327 | 347 | 6.93 | cps |
| Cadmium | 108-1 | 1240 | 1247 | 1207 | 1231 | 1.74 | cps |
| Cadmium | 106-1 | 5028 | 4604 | 4724 | 4785 | 4.56 | cps |
| Cadmium | 111-1 | 15347 | 14846 | 15612 | 15268 | 2.55 | cps |
| Calcium | 43-1 | 721717 | 732479 | 737166 | 730454 | 1.08 | cps |
| Calcium | 44-1 | 11250948 | 11374033 | 11280625 | 11301869 | 0.57 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 589546 | 587221 | 586286 | 587684 | 0.29 | cps |
| Cobalt | 59-2 | 201442 | 199581 | 201098 | 200707 | 0.49 | cps |
| Copper | 63-2 | 206180 | 204348 | 205789 | 205439 | 0.47 | cps |
| Dysprosium | 156-1 | 3857 | 3497 | 3717 | 3691 | 4.92 | cps |
| Dysprosium | 156-2 | 3284 | 3210 | 3310 | 3268 | 1.59 | cps |
| Erbium | 164-1 | 3801 | 3877 | 3854 | 3844 | 1.02 | cps |
| Erbium | 164-2 | 2940 | 2924 | 2964 | 2943 | 0.68 | cps |
| Gadolinium | 160-1 | 3724 | 3684 | 3774 | 3727 | 1.21 | cps |
| Gadolinium | 160-2 | 3214 | 3317 | 3237 | 3256 | 1.66 | cps |
| Holmium | 165-1 | 14874058 | 14305066 | 13261042 | 14146722 | 5.78 | cps |
| Holmium | 165-2 | 10442654 | 10408875 | 10249889 | 10367139 | 0.99 | cps |
| Indium | 115-1 | 12425379 | 12059396 | 11086492 | 11857089 | 5.84 | cps |
| Indium | 115-2 | 4422993 | 4393163 | 4406983 | 4407713 | 0.34 | cps |
| Iron | 56-2 | 314498635 | 314089515 | 311659189 | 313415780 | 0.49 | cps |
| Iron | 57-2 | 7651221 | 7696365 | 7664562 | 7670716 | 0.30 | cps |
| Iron | 54-2 | 17085781 | 16897033 | 16954675 | 16979163 | 0.57 | cps |
| Krypton | 83-1 | 290 | 267 | 270 | 276 | 4.58 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:27:36 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11135174 | 11048694 | 10899024 | 11027630 | 1.08 | cps |
| Lead | 207-1 | 9374059 | 9334686 | 9325829 | 9344858 | 0.27 | cps |
| Lead | 208-1 | 43087692 | 43180046 | 42976921 | 43081553 | 0.24 | cps |
| Lithium | 6-1 | 1761028 | 1664902 | 1597800 | 1674577 | 4.90 | cps |
| Magnesium | 24-2 | 1841704 | 1845803 | 1858452 | 1848653 | 0.47 | cps |
| Manganese | 55-2 | 9152587 | 9157834 | 9147835 | 9152752 | 0.05 | cps |
| Molybdenum | 94-1 | 18795 | 18856 | 18966 | 18872 | 0.46 | cps |
| Molybdenum | 95-1 | 23976 | 24611 | 24791 | 24459 | 1.75 | cps |
| Molybdenum | 96-1 | 30742 | 30322 | 30883 | 30649 | 0.95 | cps |
| Molybdenum | 97-1 | 15171 | 15068 | 15191 | 15143 | 0.44 | cps |
| Molybdenum | 98-1 | 38066 | 39543 | 39269 | 38960 | 2.02 | cps |
| Neodymium | 150-1 | 5788 | 5935 | 5845 | 5856 | 1.26 | cps |
| Neodymium | 150-2 | 3671 | 3654 | 3937 | 3754 | 4.24 | cps |
| Nickel | 60-2 | 155907 | 155295 | 155035 | 155412 | 0.29 | cps |
| Phosphorus | 31-2 | 3064 | 3047 | 3140 | 3084 | 1.61 | cps |
| Potassium | 39-2 | 283183 | 283977 | 285753 | 284304 | 0.46 | cps |
| Rhodium | 103-1 | 11494256 | 11260574 | 10436047 | 11063625 | 5.02 | cps |
| Rhodium | 103-2 | 6714875 | 6716594 | 6748596 | 6726689 | 0.28 | cps |
| Scandium | 45-1 | 6860077 | 6672388 | 6127229 | 6553231 | 5.81 | cps |
| Scandium | 45-2 | 570589 | 566122 | 566090 | 567600 | 0.46 | cps |
| Selenium | 82-1 | 999 | 1053 | 1013 | 1022 | 2.76 | cps |
| Selenium | 77-2 | 120 | 90 | 110 | 107 | 14.32 | cps |
| Selenium | 78-2 | 840 | 690 | 797 | 776 | 9.95 | cps |
| Silicon | 28-1 | 8607286 | 8700157 | 8697757 | 8668400 | 0.61 | cps |
| Silver | 107-1 | 51531 | 52387 | 51822 | 51914 | 0.84 | cps |
| Silver | 109-1 | 48367 | 50899 | 49691 | 49652 | 2.55 | cps |
| Sodium | 23-2 | 125211 | 126692 | 126924 | 126276 | 0.74 | cps |
| Strontium | 86-1 | 117350 | 119211 | 117877 | 118146 | 0.81 | cps |
| Strontium | 88-1 | 1006085 | 1025654 | 1028089 | 1019943 | 1.18 | cps |
| Sulfur | 34-1 | 209904 | 210887 | 209982 | 210258 | 0.26 | cps |
| Terbium | 159-1 | 15289435 | 14686655 | 13608649 | 14528246 | 5.86 | cps |
| Terbium | 159-2 | 10397200 | 10333941 | 10250909 | 10327350 | 0.71 | cps |
| Thallium | 203-1 | 29034 | 29141 | 29749 | 29308 | 1.32 | cps |
| Thallium | 205-1 | 68608 | 69114 | 69211 | 68978 | 0.47 | cps |
| Tin | 118-1 | 37883 | 38418 | 38084 | 38128 | 0.71 | cps |
| Titanium | 47-1 | 127246 | 129972 | 131361 | 129526 | 1.62 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 16:27:36 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7085 | 7069 | 6975 | 7043 | 0.84 | cps |
| Vanadium | 51-2 | 147475 | 147607 | 147994 | 147692 | 0.18 | cps |
| Yttrium | 89-1 | 14517159 | 14146891 | 13246320 | 13970124 | 4.68 | cps |
| Yttrium | 89-2 | 3789416 | 3772038 | 3762436 | 3774630 | 0.36 | cps |
| Zinc | 66-2 | 5035077 | 4947853 | 4978425 | 4987118 | 0.89 | cps |
| Zirconium | 90-1 | 13927 | 14240 | 13857 | 14008 | 1.46 | cps |
| Zirconium | 91-1 | 3090 | 3287 | 3207 | 3195 | 3.10 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:30:41 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1324385 | 1310774 | 1300604 | 1311921 | 0.91 | cps |
| Antimony | 121-1 | 23142 | 24117 | 23476 | 23578 | 2.10 | cps |
| Arsenic | 75-2 | 9070 | 9340 | 9426 | 9279 | 2.01 | cps |
| Barium | 135-1 | 451808 | 455972 | 457000 | 454927 | 0.60 | cps |
| Barium | 137-1 | 783995 | 793772 | 787016 | 788261 | 0.64 | cps |
| Beryllium | 9-1 | 1363 | 1510 | 1520 | 1465 | 5.99 | cps |
| Bismuth | 209-1 | 8518081 | 8825204 | 8640414 | 8661233 | 1.79 | cps |
| Bismuth | 209-2 | 7341433 | 7232420 | 7291401 | 7288418 | 0.75 | cps |
| Bromine | 81-1 | 17230 | 17924 | 17791 | 17648 | 2.09 | cps |
| Bromine | 81-2 | 613 | 517 | 593 | 574 | 8.88 | cps |
| Cadmium | 108-1 | 1157 | 1327 | 1320 | 1268 | 7.59 | cps |
| Cadmium | 106-1 | 5211 | 5308 | 5114 | 5211 | 1.86 | cps |
| Cadmium | 111-1 | 18223 | 18382 | 18732 | 18445 | 1.41 | cps |
| Calcium | 43-1 | 1669985 | 1679213 | 1698770 | 1682656 | 0.87 | cps |
| Calcium | 44-1 | 26778329 | 27243110 | 27099829 | 27040423 | 0.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1405253 | 1394371 | 1402369 | 1400664 | 0.40 | cps |
| Cobalt | 59-2 | 59939 | 59895 | 59404 | 59746 | 0.50 | cps |
| Copper | 63-2 | 362861 | 361900 | 360808 | 361856 | 0.28 | cps |
| Dysprosium | 156-1 | 9290 | 9600 | 9453 | 9448 | 1.64 | cps |
| Dysprosium | 156-2 | 7816 | 7896 | 8186 | 7966 | 2.45 | cps |
| Erbium | 164-1 | 9433 | 9830 | 9677 | 9647 | 2.07 | cps |
| Erbium | 164-2 | 6722 | 6745 | 6795 | 6754 | 0.55 | cps |
| Gadolinium | 160-1 | 8886 | 8856 | 8896 | 8880 | 0.23 | cps |
| Gadolinium | 160-2 | 6955 | 7065 | 6885 | 6968 | 1.30 | cps |
| Holmium | 165-1 | 14763912 | 14699956 | 14509364 | 14657744 | 0.90 | cps |
| Holmium | 165-2 | 10386914 | 10348292 | 10203814 | 10313007 | 0.94 | cps |
| Indium | 115-1 | 11916452 | 12184531 | 11863401 | 11988128 | 1.44 | cps |
| Indium | 115-2 | 4368962 | 4310774 | 4287655 | 4322464 | 0.97 | cps |
| Iron | 56-2 | 792837162 | 787694655 | 789249855 | 789927224 | 0.33 | cps |
| Iron | 57-2 | 19704420 | 19490035 | 19512131 | 19568862 | 0.60 | cps |
| Iron | 54-2 | 43105688 | 42851974 | 42748483 | 42902048 | 0.43 | cps |
| Krypton | 83-1 | 233 | 227 | 307 | 256 | 17.37 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:30:41 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9371056 | 9547004 | 9545229 | 9487763 | 1.07 | cps |
| Lead | 207-1 | 7842250 | 8117067 | 7906809 | 7955375 | 1.81 | cps |
| Lead | 208-1 | 36345207 | 37321393 | 36897775 | 36854791 | 1.33 | cps |
| Lithium | 6-1 | 1710308 | 1725854 | 1718033 | 1718065 | 0.45 | cps |
| Magnesium | 24-2 | 3786354 | 3727131 | 3694846 | 3736110 | 1.24 | cps |
| Manganese | 55-2 | 28907104 | 28852952 | 28933911 | 28897989 | 0.14 | cps |
| Molybdenum | 94-1 | 53735 | 55100 | 54006 | 54280 | 1.33 | cps |
| Molybdenum | 95-1 | 69504 | 69819 | 71061 | 70128 | 1.17 | cps |
| Molybdenum | 96-1 | 87181 | 87442 | 87999 | 87541 | 0.48 | cps |
| Molybdenum | 97-1 | 44110 | 44277 | 43722 | 44036 | 0.65 | cps |
| Molybdenum | 98-1 | 112952 | 113006 | 112452 | 112803 | 0.27 | cps |
| Neodymium | 150-1 | 14915 | 14868 | 14501 | 14761 | 1.53 | cps |
| Neodymium | 150-2 | 8850 | 8706 | 8893 | 8816 | 1.11 | cps |
| Nickel | 60-2 | 298443 | 297971 | 297228 | 297881 | 0.21 | cps |
| Phosphorus | 31-2 | 7999 | 7949 | 8279 | 8076 | 2.20 | cps |
| Potassium | 39-2 | 564048 | 565788 | 561975 | 563937 | 0.34 | cps |
| Rhodium | 103-1 | 11099072 | 11081703 | 10940939 | 11040571 | 0.79 | cps |
| Rhodium | 103-2 | 6607868 | 6587042 | 6548969 | 6581293 | 0.45 | cps |
| Scandium | 45-1 | 6652964 | 6634746 | 6579489 | 6622400 | 0.58 | cps |
| Scandium | 45-2 | 558851 | 559388 | 556106 | 558115 | 0.32 | cps |
| Selenium | 82-1 | 252 | 236 | 190 | 226 | 14.33 | cps |
| Selenium | 77-2 | 33 | 30 | 37 | 33 | 10.01 | cps |
| Selenium | 78-2 | 503 | 510 | 507 | 507 | 0.66 | cps |
| Silicon | 28-1 | 19879518 | 20002520 | 20073446 | 19985161 | 0.49 | cps |
| Silver | 107-1 | 46330 | 46815 | 46277 | 46474 | 0.64 | cps |
| Silver | 109-1 | 44632 | 44552 | 44274 | 44486 | 0.42 | cps |
| Sodium | 23-2 | 263254 | 262827 | 264326 | 263469 | 0.29 | cps |
| Strontium | 86-1 | 278866 | 284853 | 284751 | 282823 | 1.21 | cps |
| Strontium | 88-1 | 2490467 | 2561626 | 2528294 | 2526796 | 1.41 | cps |
| Sulfur | 34-1 | 223984 | 225908 | 225015 | 224969 | 0.43 | cps |
| Terbium | 159-1 | 15004944 | 15187138 | 14902009 | 15031364 | 0.96 | cps |
| Terbium | 159-2 | 10152198 | 10365599 | 10198333 | 10238710 | 1.10 | cps |
| Thallium | 203-1 | 15886 | 15856 | 15899 | 15880 | 0.14 | cps |
| Thallium | 205-1 | 37529 | 38635 | 38257 | 38140 | 1.47 | cps |
| Tin | 118-1 | 95765 | 96067 | 96567 | 96133 | 0.42 | cps |
| Titanium | 47-1 | 479217 | 487880 | 485212 | 484103 | 0.92 | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-15DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:30:41 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 15586 | 15616 | 15482 | 15561 | 0.45 | cps |
| Vanadium | 51-2 | 145126 | 143743 | 143777 | 144215 | 0.55 | cps |
| Yttrium | 89-1 | 14118412 | 14505894 | 14265961 | 14296756 | 1.37 | cps |
| Yttrium | 89-2 | 3746200 | 3745368 | 3708526 | 3733364 | 0.58 | cps |
| Zinc | 66-2 | 2600987 | 2599473 | 2559284 | 2586581 | 0.91 | cps |
| Zirconium | 90-1 | 37063 | 38250 | 38216 | 37843 | 1.78 | cps |
| Zirconium | 91-1 | 8690 | 8349 | 8309 | 8449 | 2.47 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:33:45 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1392913 | 1401775 | 1388213 | 1394300 | 0.49 | cps |
| Antimony | 121-1 | 22778 | 22875 | 22604 | 22753 | 0.60 | cps |
| Arsenic | 75-2 | 9793 | 9496 | 9560 | 9617 | 1.63 | cps |
| Barium | 135-1 | 397352 | 400971 | 402369 | 400231 | 0.65 | cps |
| Barium | 137-1 | 690591 | 697787 | 693628 | 694002 | 0.52 | cps |
| Beryllium | 9-1 | 1433 | 1413 | 1390 | 1412 | 1.54 | cps |
| Bismuth | 209-1 | 9537286 | 9250976 | 9283983 | 9357415 | 1.67 | cps |
| Bismuth | 209-2 | 7791638 | 7815135 | 7793907 | 7800227 | 0.17 | cps |
| Bromine | 81-1 | 17193 | 17284 | 16753 | 17077 | 1.66 | cps |
| Bromine | 81-2 | 620 | 600 | 567 | 596 | 4.52 | cps |
| Cadmium | 108-1 | 1733 | 2097 | 1753 | 1861 | 10.97 | cps |
| Cadmium | 106-1 | 6251 | 5941 | 6218 | 6137 | 2.77 | cps |
| Cadmium | 111-1 | 17516 | 16972 | 17789 | 17426 | 2.39 | cps |
| Calcium | 43-1 | 1738273 | 1758664 | 1751420 | 1749453 | 0.59 | cps |
| Calcium | 44-1 | 28017873 | 28288507 | 27853790 | 28053390 | 0.78 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1360969 | 1369697 | 1336164 | 1355610 | 1.28 | cps |
| Cobalt | 59-2 | 60602 | 58644 | 59808 | 59685 | 1.65 | cps |
| Copper | 63-2 | 345084 | 346057 | 345253 | 345465 | 0.15 | cps |
| Dysprosium | 156-1 | 9320 | 9343 | 9620 | 9428 | 1.77 | cps |
| Dysprosium | 156-2 | 7992 | 8146 | 8086 | 8075 | 0.96 | cps |
| Erbium | 164-1 | 9844 | 9814 | 9733 | 9797 | 0.58 | cps |
| Erbium | 164-2 | 7075 | 6938 | 7169 | 7061 | 1.64 | cps |
| Gadolinium | 160-1 | 9313 | 9113 | 9026 | 9151 | 1.61 | cps |
| Gadolinium | 160-2 | 7205 | 7135 | 7192 | 7177 | 0.52 | cps |
| Holmium | 165-1 | 14356193 | 14443234 | 14373254 | 14390894 | 0.32 | cps |
| Holmium | 165-2 | 10197504 | 10337007 | 10295354 | 10276622 | 0.70 | cps |
| Indium | 115-1 | 11998878 | 12022866 | 11865409 | 11962384 | 0.71 | cps |
| Indium | 115-2 | 4294662 | 4253290 | 4288104 | 4278685 | 0.52 | cps |
| Iron | 56-2 | 772186788 | 765482042 | 768341589 | 768670140 | 0.44 | cps |
| Iron | 57-2 | 18871922 | 18965045 | 18699813 | 18845593 | 0.71 | cps |
| Iron | 54-2 | 41745415 | 41409044 | 40977217 | 41377225 | 0.93 | cps |
| Krypton | 83-1 | 213 | 247 | 327 | 262 | 22.21 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:33:45 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 27766453 | 27636961 | 27130361 | 27511258 | 1.22 | cps |
| Lead | 207-1 | 23525301 | 23608015 | 23740324 | 23624547 | 0.46 | cps |
| Lead | 208-1 | 108652322 | 108682564 | 108646943 | 108660609 | 0.02 | cps |
| Lithium | 6-1 | 1728554 | 1659074 | 1690969 | 1692866 | 2.05 | cps |
| Magnesium | 24-2 | 4561824 | 4551128 | 4535837 | 4549596 | 0.29 | cps |
| Manganese | 55-2 | 22412847 | 22526495 | 22126166 | 22355169 | 0.92 | cps |
| Molybdenum | 94-1 | 47396 | 48734 | 48202 | 48111 | 1.40 | cps |
| Molybdenum | 95-1 | 60966 | 60939 | 62064 | 61323 | 1.05 | cps |
| Molybdenum | 96-1 | 76860 | 77742 | 76033 | 76878 | 1.11 | cps |
| Molybdenum | 97-1 | 37745 | 38227 | 38166 | 38046 | 0.69 | cps |
| Molybdenum | 98-1 | 97365 | 98086 | 97482 | 97644 | 0.40 | cps |
| Neodymium | 150-1 | 15362 | 15505 | 14714 | 15194 | 2.77 | cps |
| Neodymium | 150-2 | 9276 | 9196 | 9260 | 9244 | 0.46 | cps |
| Nickel | 60-2 | 268324 | 266875 | 268598 | 267932 | 0.35 | cps |
| Phosphorus | 31-2 | 7759 | 7519 | 7345 | 7541 | 2.75 | cps |
| Potassium | 39-2 | 625302 | 621065 | 621128 | 622498 | 0.39 | cps |
| Rhodium | 103-1 | 11021979 | 10814721 | 10925008 | 10920569 | 0.95 | cps |
| Rhodium | 103-2 | 6586621 | 6539355 | 6524898 | 6550291 | 0.49 | cps |
| Scandium | 45-1 | 6667889 | 6482260 | 6549303 | 6566484 | 1.43 | cps |
| Scandium | 45-2 | 552810 | 547262 | 547272 | 549114 | 0.58 | cps |
| Selenium | 82-1 | 304 | 245 | 176 | 241 | 26.56 | cps |
| Selenium | 77-2 | 33 | 40 | 37 | 37 | 9.10 | cps |
| Selenium | 78-2 | 427 | 430 | 493 | 450 | 8.35 | cps |
| Silicon | 28-1 | 20567902 | 20344192 | 20115508 | 20342534 | 1.11 | cps |
| Silver | 107-1 | 43358 | 43274 | 43475 | 43369 | 0.23 | cps |
| Silver | 109-1 | 41248 | 41687 | 40918 | 41284 | 0.93 | cps |
| Sodium | 23-2 | 279406 | 278083 | 277564 | 278351 | 0.34 | cps |
| Strontium | 86-1 | 294121 | 294964 | 293469 | 294185 | 0.25 | cps |
| Strontium | 88-1 | 2677542 | 2641979 | 2650567 | 2656696 | 0.70 | cps |
| Sulfur | 34-1 | 233613 | 235775 | 235853 | 235080 | 0.54 | cps |
| Terbium | 159-1 | 15002654 | 14868736 | 14633516 | 14834969 | 1.26 | cps |
| Terbium | 159-2 | 9955040 | 10232094 | 10280032 | 10155722 | 1.73 | cps |
| Thallium | 203-1 | 13890 | 13684 | 13734 | 13769 | 0.78 | cps |
| Thallium | 205-1 | 32071 | 32709 | 32352 | 32377 | 0.99 | cps |
| Tin | 118-1 | 93078 | 94594 | 93830 | 93834 | 0.81 | cps |
| Titanium | 47-1 | 322211 | 322381 | 317193 | 320595 | 0.92 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:33:45 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17448 | 17936 | 17905 | 17763 | 1.54 | cps |
| Vanadium | 51-2 | 119437 | 119014 | 119011 | 119154 | 0.21 | cps |
| Yttrium | 89-1 | 14456630 | 14323198 | 14188788 | 14322872 | 0.94 | cps |
| Yttrium | 89-2 | 3741244 | 3737853 | 3678514 | 3719203 | 0.95 | cps |
| Zinc | 66-2 | 12221997 | 12168578 | 12094291 | 12161622 | 0.53 | cps |
| Zirconium | 90-1 | 35092 | 35954 | 34577 | 35208 | 1.98 | cps |
| Zirconium | 91-1 | 7845 | 7926 | 7735 | 7835 | 1.22 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:36:52 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1386003 | 1365703 | 1379069 | 1376925 | 0.75 | cps |
| Antimony | 121-1 | 22665 | 21676 | 22341 | 22227 | 2.27 | cps |
| Arsenic | 75-2 | 9166 | 9173 | 9093 | 9144 | 0.49 | cps |
| Barium | 135-1 | 399141 | 398126 | 397041 | 398102 | 0.26 | cps |
| Barium | 137-1 | 690797 | 688166 | 684695 | 687886 | 0.44 | cps |
| Beryllium | 9-1 | 1540 | 1377 | 1397 | 1438 | 6.20 | cps |
| Bismuth | 209-1 | 9295097 | 9318906 | 9157863 | 9257288 | 0.94 | cps |
| Bismuth | 209-2 | 7831951 | 7814739 | 7872742 | 7839811 | 0.38 | cps |
| Bromine | 81-1 | 17334 | 17594 | 16806 | 17245 | 2.33 | cps |
| Bromine | 81-2 | 613 | 560 | 633 | 602 | 6.29 | cps |
| Cadmium | 108-1 | 1947 | 1780 | 1843 | 1857 | 4.53 | cps |
| Cadmium | 106-1 | 5881 | 5938 | 6145 | 5988 | 2.32 | cps |
| Cadmium | 111-1 | 16904 | 17411 | 17839 | 17385 | 2.69 | cps |
| Calcium | 43-1 | 1770602 | 1752177 | 1738588 | 1753789 | 0.92 | cps |
| Calcium | 44-1 | 28300271 | 28208821 | 27802098 | 28103730 | 0.94 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1383689 | 1351409 | 1348907 | 1361335 | 1.43 | cps |
| Cobalt | 59-2 | 59072 | 59333 | 59219 | 59208 | 0.22 | cps |
| Copper | 63-2 | 344523 | 344028 | 344160 | 344237 | 0.07 | cps |
| Dysprosium | 156-1 | 9390 | 9286 | 9593 | 9423 | 1.66 | cps |
| Dysprosium | 156-2 | 8049 | 8212 | 7896 | 8052 | 1.97 | cps |
| Erbium | 164-1 | 10220 | 9507 | 10090 | 9939 | 3.83 | cps |
| Erbium | 164-2 | 7042 | 7252 | 7492 | 7262 | 3.10 | cps |
| Gadolinium | 160-1 | 9507 | 9183 | 9303 | 9331 | 1.75 | cps |
| Gadolinium | 160-2 | 7465 | 7202 | 7135 | 7267 | 2.40 | cps |
| Holmium | 165-1 | 14389362 | 14340599 | 14361416 | 14363792 | 0.17 | cps |
| Holmium | 165-2 | 10080057 | 10274175 | 10133891 | 10162708 | 0.99 | cps |
| Indium | 115-1 | 11933532 | 11901956 | 11756732 | 11864073 | 0.79 | cps |
| Indium | 115-2 | 4242412 | 4200216 | 4214845 | 4219158 | 0.51 | cps |
| Iron | 56-2 | 761349189 | 768108122 | 764177935 | 764545082 | 0.44 | cps |
| Iron | 57-2 | 18820752 | 18967330 | 18712341 | 18833474 | 0.68 | cps |
| Iron | 54-2 | 40783284 | 41983410 | 41451106 | 41405933 | 1.45 | cps |
| Krypton | 83-1 | 307 | 243 | 237 | 262 | 14.73 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:36:52 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 27873989 | 27695555 | 27574044 | 27714529 | 0.54 | cps |
| Lead | 207-1 | 23765320 | 23656939 | 23404495 | 23608918 | 0.78 | cps |
| Lead | 208-1 | 109231403 | 109550497 | 107968663 | 108916854 | 0.77 | cps |
| Lithium | 6-1 | 1703280 | 1702712 | 1700697 | 1702230 | 0.08 | cps |
| Magnesium | 24-2 | 4487754 | 4514808 | 4496057 | 4499540 | 0.31 | cps |
| Manganese | 55-2 | 21949048 | 22414766 | 22185025 | 22182946 | 1.05 | cps |
| Molybdenum | 94-1 | 48988 | 49209 | 47988 | 48729 | 1.33 | cps |
| Molybdenum | 95-1 | 61217 | 61331 | 60658 | 61069 | 0.59 | cps |
| Molybdenum | 96-1 | 77132 | 76525 | 76093 | 76583 | 0.68 | cps |
| Molybdenum | 97-1 | 37769 | 38798 | 37715 | 38094 | 1.60 | cps |
| Molybdenum | 98-1 | 98338 | 98469 | 98093 | 98300 | 0.19 | cps |
| Neodymium | 150-1 | 15021 | 15328 | 15035 | 15128 | 1.15 | cps |
| Neodymium | 150-2 | 9753 | 9477 | 9063 | 9431 | 3.68 | cps |
| Nickel | 60-2 | 267675 | 268901 | 267608 | 268061 | 0.27 | cps |
| Phosphorus | 31-2 | 7492 | 7355 | 7098 | 7315 | 2.73 | cps |
| Potassium | 39-2 | 616864 | 622258 | 614876 | 617999 | 0.62 | cps |
| Rhodium | 103-1 | 11014190 | 10893550 | 10915183 | 10940974 | 0.59 | cps |
| Rhodium | 103-2 | 6521108 | 6428716 | 6466052 | 6471959 | 0.72 | cps |
| Scandium | 45-1 | 6608932 | 6538722 | 6454106 | 6533920 | 1.19 | cps |
| Scandium | 45-2 | 547659 | 545860 | 545291 | 546270 | 0.23 | cps |
| Selenium | 82-1 | 179 | 226 | 218 | 207 | 12.19 | cps |
| Selenium | 77-2 | 27 | 27 | 40 | 31 | 24.74 | cps |
| Selenium | 78-2 | 470 | 523 | 493 | 496 | 5.40 | cps |
| Silicon | 28-1 | 20450622 | 20355711 | 20091057 | 20299130 | 0.92 | cps |
| Silver | 107-1 | 43324 | 42258 | 43104 | 42895 | 1.31 | cps |
| Silver | 109-1 | 41355 | 41041 | 41232 | 41209 | 0.38 | cps |
| Sodium | 23-2 | 274605 | 276420 | 274042 | 275022 | 0.45 | cps |
| Strontium | 86-1 | 298575 | 297559 | 295178 | 297104 | 0.59 | cps |
| Strontium | 88-1 | 2695222 | 2635587 | 2651272 | 2660694 | 1.16 | cps |
| Sulfur | 34-1 | 234651 | 231505 | 230198 | 232118 | 0.99 | cps |
| Terbium | 159-1 | 14865920 | 14806734 | 14867084 | 14846579 | 0.23 | cps |
| Terbium | 159-2 | 10232244 | 10202915 | 9987486 | 10140882 | 1.32 | cps |
| Thallium | 203-1 | 14211 | 13100 | 13350 | 13554 | 4.30 | cps |
| Thallium | 205-1 | 32753 | 33047 | 32308 | 32703 | 1.14 | cps |
| Tin | 118-1 | 93913 | 94541 | 93940 | 94131 | 0.38 | cps |
| Titanium | 47-1 | 321670 | 322934 | 320172 | 321592 | 0.43 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:36:52 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18196 | 17889 | 17952 | 18012 | 0.90 | cps |
| Vanadium | 51-2 | 118739 | 118433 | 118850 | 118674 | 0.18 | cps |
| Yttrium | 89-1 | 14342711 | 14246431 | 14169780 | 14252974 | 0.61 | cps |
| Yttrium | 89-2 | 3757937 | 3684839 | 3679622 | 3707466 | 1.18 | cps |
| Zinc | 66-2 | 12065131 | 12020349 | 12069139 | 12051540 | 0.22 | cps |
| Zirconium | 90-1 | 34841 | 36295 | 35610 | 35582 | 2.04 | cps |
| Zirconium | 91-1 | 7792 | 7842 | 8132 | 7922 | 2.32 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 16:40:05 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 269113 | 269564 | 269575 | 269417 | 0.10 | cps |
| Antimony | 121-1 | 4387 | 4381 | 4454 | 4407 | 0.92 | cps |
| Arsenic | 75-2 | 1873 | 1807 | 1803 | 1828 | 2.16 | cps |
| Barium | 135-1 | 78692 | 79282 | 79303 | 79092 | 0.44 | cps |
| Barium | 137-1 | 136979 | 137483 | 137355 | 137272 | 0.19 | cps |
| Beryllium | 9-1 | 277 | 320 | 330 | 309 | 9.18 | cps |
| Bismuth | 209-1 | 8862395 | 8568633 | 8503159 | 8644729 | 2.21 | cps |
| Bismuth | 209-2 | 7415898 | 7328051 | 7203658 | 7315869 | 1.46 | cps |
| Bromine | 81-1 | 15321 | 15255 | 14984 | 15187 | 1.17 | cps |
| Bromine | 81-2 | 220 | 197 | 207 | 208 | 5.63 | cps |
| Cadmium | 108-1 | 350 | 427 | 450 | 409 | 12.79 | cps |
| Cadmium | 106-1 | 3821 | 3824 | 3877 | 3841 | 0.83 | cps |
| Cadmium | 111-1 | 5486 | 5205 | 5283 | 5325 | 2.73 | cps |
| Calcium | 43-1 | 356259 | 359826 | 362550 | 359545 | 0.88 | cps |
| Calcium | 44-1 | 5484937 | 5563027 | 5405983 | 5484649 | 1.43 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 267021 | 265491 | 266081 | 266198 | 0.29 | cps |
| Cobalt | 59-2 | 12272 | 11588 | 11788 | 11883 | 2.96 | cps |
| Copper | 63-2 | 73868 | 74048 | 74159 | 74025 | 0.20 | cps |
| Dysprosium | 156-1 | 1880 | 1850 | 1873 | 1868 | 0.84 | cps |
| Dysprosium | 156-2 | 1543 | 1630 | 1633 | 1602 | 3.18 | cps |
| Erbium | 164-1 | 1937 | 1953 | 2017 | 1969 | 2.14 | cps |
| Erbium | 164-2 | 1330 | 1487 | 1357 | 1391 | 6.03 | cps |
| Gadolinium | 160-1 | 1850 | 1817 | 1763 | 1810 | 2.42 | cps |
| Gadolinium | 160-2 | 1853 | 1747 | 1847 | 1816 | 3.29 | cps |
| Holmium | 165-1 | 14454215 | 14036220 | 13918373 | 14136269 | 1.99 | cps |
| Holmium | 165-2 | 10228443 | 10138752 | 9932185 | 10099793 | 1.50 | cps |
| Indium | 115-1 | 12133745 | 11896937 | 11673158 | 11901280 | 1.94 | cps |
| Indium | 115-2 | 4277502 | 4267542 | 4256512 | 4267185 | 0.25 | cps |
| Iron | 56-2 | 153975604 | 154042261 | 153070351 | 153696072 | 0.35 | cps |
| Iron | 57-2 | 3769051 | 3731912 | 3712315 | 3737760 | 0.77 | cps |
| Iron | 54-2 | 8348347 | 8277150 | 8292804 | 8306100 | 0.45 | cps |
| Krypton | 83-1 | 190 | 260 | 260 | 237 | 17.08 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 16:40:05 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5560756 | 5465419 | 5452405 | 5492860 | 1.08 | cps |
| Lead | 207-1 | 4742826 | 4717725 | 4726393 | 4728981 | 0.27 | cps |
| Lead | 208-1 | 21849413 | 21690246 | 21598334 | 21712664 | 0.59 | cps |
| Lithium | 6-1 | 1742675 | 1692276 | 1671695 | 1702215 | 2.15 | cps |
| Magnesium | 24-2 | 881945 | 875241 | 874687 | 877291 | 0.46 | cps |
| Manganese | 55-2 | 4454652 | 4456169 | 4444793 | 4451871 | 0.14 | cps |
| Molybdenum | 94-1 | 9713 | 9607 | 9823 | 9714 | 1.12 | cps |
| Molybdenum | 95-1 | 11885 | 12192 | 12038 | 12038 | 1.27 | cps |
| Molybdenum | 96-1 | 15368 | 15442 | 14798 | 15202 | 2.32 | cps |
| Molybdenum | 97-1 | 7025 | 7555 | 7505 | 7362 | 3.98 | cps |
| Molybdenum | 98-1 | 18809 | 19350 | 19623 | 19261 | 2.15 | cps |
| Neodymium | 150-1 | 2857 | 2957 | 3024 | 2946 | 2.85 | cps |
| Neodymium | 150-2 | 1760 | 1973 | 1857 | 1863 | 5.73 | cps |
| Nickel | 60-2 | 54883 | 54676 | 53736 | 54432 | 1.12 | cps |
| Phosphorus | 31-2 | 1477 | 1613 | 1607 | 1566 | 4.92 | cps |
| Potassium | 39-2 | 161462 | 161338 | 163666 | 162155 | 0.81 | cps |
| Rhodium | 103-1 | 11038454 | 10754594 | 10729855 | 10840968 | 1.58 | cps |
| Rhodium | 103-2 | 6515265 | 6505616 | 6519336 | 6513406 | 0.11 | cps |
| Scandium | 45-1 | 6491341 | 6432356 | 6260152 | 6394616 | 1.88 | cps |
| Scandium | 45-2 | 538357 | 537847 | 537998 | 538067 | 0.05 | cps |
| Selenium | 82-1 | 177 | 78 | 62 | 106 | 58.61 | cps |
| Selenium | 77-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Selenium | 78-2 | 430 | 433 | 497 | 453 | 8.29 | cps |
| Silicon | 28-1 | 4609752 | 4648668 | 4691331 | 4649917 | 0.88 | cps |
| Silver | 107-1 | 8272 | 8366 | 9010 | 8549 | 4.69 | cps |
| Silver | 109-1 | 8342 | 8312 | 8119 | 8258 | 1.47 | cps |
| Sodium | 23-2 | 76421 | 76324 | 76683 | 76476 | 0.24 | cps |
| Strontium | 86-1 | 58800 | 58325 | 57990 | 58372 | 0.70 | cps |
| Strontium | 88-1 | 503649 | 507712 | 504830 | 505397 | 0.41 | cps |
| Sulfur | 34-1 | 191451 | 190599 | 191801 | 191284 | 0.32 | cps |
| Terbium | 159-1 | 14888208 | 14371240 | 14722106 | 14660518 | 1.80 | cps |
| Terbium | 159-2 | 10185621 | 9917880 | 10023144 | 10042215 | 1.34 | cps |
| Thallium | 203-1 | 2940 | 2970 | 2777 | 2896 | 3.59 | cps |
| Thallium | 205-1 | 6952 | 6979 | 6825 | 6918 | 1.18 | cps |
| Tin | 118-1 | 19550 | 19513 | 19877 | 19647 | 1.02 | cps |
| Titanium | 47-1 | 62542 | 62890 | 63000 | 62811 | 0.38 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 16:40:05 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3464 | 3831 | 3287 | 3527 | 7.86 | cps |
| Vanadium | 51-2 | 23028 | 23502 | 23111 | 23213 | 1.09 | cps |
| Yttrium | 89-1 | 14159346 | 13710650 | 13561111 | 13810369 | 2.25 | cps |
| Yttrium | 89-2 | 3601796 | 3558286 | 3592227 | 3584103 | 0.64 | cps |
| Zinc | 66-2 | 2475501 | 2464370 | 2439802 | 2459891 | 0.74 | cps |
| Zirconium | 90-1 | 7242 | 7055 | 7189 | 7162 | 1.34 | cps |
| Zirconium | 91-1 | 1653 | 1650 | 1647 | 1650 | 0.20 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:43:13 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1414713 | 1440900 | 1386859 | 1414157 | 1.91 | cps |
| Antimony | 121-1 | 154578 | 156427 | 158243 | 156416 | 1.17 | cps |
| Arsenic | 75-2 | 12652 | 11938 | 12075 | 12222 | 3.10 | cps |
| Barium | 135-1 | 1049685 | 1059983 | 1055007 | 1054892 | 0.49 | cps |
| Barium | 137-1 | 1920669 | 1968922 | 1929097 | 1939563 | 1.33 | cps |
| Beryllium | 9-1 | 9286 | 9149 | 9396 | 9277 | 1.33 | cps |
| Bismuth | 209-1 | 9377617 | 9312829 | 9247479 | 9312641 | 0.70 | cps |
| Bismuth | 209-2 | 6854703 | 7634258 | 7851827 | 7446929 | 7.04 | cps |
| Bromine | 81-1 | 16222 | 16730 | 16750 | 16567 | 1.80 | cps |
| Bromine | 81-2 | 580 | 593 | 660 | 611 | 7.01 | cps |
| Cadmium | 108-1 | 3030 | 3034 | 3250 | 3105 | 4.06 | cps |
| Cadmium | 106-1 | 7642 | 7629 | 7889 | 7720 | 1.90 | cps |
| Cadmium | 111-1 | 34332 | 34116 | 35008 | 34485 | 1.35 | cps |
| Calcium | 43-1 | 1719947 | 1725594 | 1751548 | 1732363 | 0.97 | cps |
| Calcium | 44-1 | 27385593 | 27228316 | 27557982 | 27390630 | 0.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1450823 | 1443006 | 1443880 | 1445903 | 0.30 | cps |
| Cobalt | 59-2 | 489767 | 484626 | 480493 | 484962 | 0.96 | cps |
| Copper | 63-2 | 491520 | 484809 | 480095 | 485475 | 1.18 | cps |
| Dysprosium | 156-1 | 9460 | 9253 | 9647 | 9453 | 2.08 | cps |
| Dysprosium | 156-2 | 8099 | 8046 | 7989 | 8045 | 0.68 | cps |
| Erbium | 164-1 | 9867 | 9900 | 10254 | 10007 | 2.14 | cps |
| Erbium | 164-2 | 7392 | 7145 | 6862 | 7133 | 3.72 | cps |
| Gadolinium | 160-1 | 9457 | 9253 | 8940 | 9216 | 2.83 | cps |
| Gadolinium | 160-2 | 7582 | 7162 | 7322 | 7355 | 2.88 | cps |
| Holmium | 165-1 | 14608701 | 14623360 | 14389972 | 14540678 | 0.90 | cps |
| Holmium | 165-2 | 8920321 | 9869410 | 10180271 | 9656667 | 6.80 | cps |
| Indium | 115-1 | 11709508 | 12014989 | 11740988 | 11821828 | 1.42 | cps |
| Indium | 115-2 | 3660556 | 4053411 | 4186811 | 3966926 | 6.90 | cps |
| Iron | 56-2 | 765133082 | 756038522 | 756777589 | 759316398 | 0.67 | cps |
| Iron | 57-2 | 18786634 | 18495748 | 18350811 | 18544398 | 1.20 | cps |
| Iron | 54-2 | 41295264 | 41096553 | 40199804 | 40863874 | 1.43 | cps |
| Krypton | 83-1 | 260 | 267 | 230 | 252 | 7.74 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:43:13 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 27266265 | 27495480 | 27383222 | 27381656 | 0.42 | cps |
| Lead | 207-1 | 23546584 | 23259259 | 23335381 | 23380408 | 0.64 | cps |
| Lead | 208-1 | 107989112 | 107992870 | 107724476 | 107902153 | 0.14 | cps |
| Lithium | 6-1 | 1735893 | 1741561 | 1727215 | 1734889 | 0.42 | cps |
| Magnesium | 24-2 | 4498022 | 4465593 | 4477786 | 4480467 | 0.37 | cps |
| Manganese | 55-2 | 22333295 | 22157491 | 22150187 | 22213658 | 0.47 | cps |
| Molybdenum | 94-1 | 47115 | 47838 | 47309 | 47421 | 0.79 | cps |
| Molybdenum | 95-1 | 59413 | 60491 | 60400 | 60102 | 0.99 | cps |
| Molybdenum | 96-1 | 74050 | 75805 | 75909 | 75254 | 1.39 | cps |
| Molybdenum | 97-1 | 36412 | 38009 | 37414 | 37279 | 2.17 | cps |
| Molybdenum | 98-1 | 94372 | 95476 | 96751 | 95533 | 1.25 | cps |
| Neodymium | 150-1 | 15175 | 15355 | 15005 | 15178 | 1.15 | cps |
| Neodymium | 150-2 | 9450 | 8900 | 8789 | 9046 | 3.91 | cps |
| Nickel | 60-2 | 373274 | 372342 | 365433 | 370349 | 1.16 | cps |
| Phosphorus | 31-2 | 7105 | 7429 | 7332 | 7288 | 2.28 | cps |
| Potassium | 39-2 | 615159 | 612121 | 604954 | 610745 | 0.86 | cps |
| Rhodium | 103-1 | 10802754 | 10913604 | 10768384 | 10828247 | 0.70 | cps |
| Rhodium | 103-2 | 5629366 | 6197104 | 6514792 | 6113754 | 7.34 | cps |
| Scandium | 45-1 | 6475154 | 6470838 | 6425769 | 6457254 | 0.42 | cps |
| Scandium | 45-2 | 472888 | 517386 | 537811 | 509362 | 6.52 | cps |
| Selenium | 82-1 | 2435 | 2392 | 2352 | 2393 | 1.75 | cps |
| Selenium | 77-2 | 313 | 283 | 230 | 276 | 15.32 | cps |
| Selenium | 78-2 | 1287 | 1247 | 1217 | 1250 | 2.81 | cps |
| Silicon | 28-1 | 19886997 | 19940805 | 20059300 | 19962367 | 0.44 | cps |
| Silver | 107-1 | 125393 | 129121 | 126535 | 127016 | 1.50 | cps |
| Silver | 109-1 | 122148 | 123124 | 121900 | 122391 | 0.53 | cps |
| Sodium | 23-2 | 273587 | 269076 | 268781 | 270481 | 1.00 | cps |
| Strontium | 86-1 | 287557 | 292642 | 292404 | 290868 | 0.99 | cps |
| Strontium | 88-1 | 2601350 | 2622083 | 2647263 | 2623565 | 0.88 | cps |
| Sulfur | 34-1 | 229484 | 231281 | 229487 | 230084 | 0.45 | cps |
| Terbium | 159-1 | 14755624 | 14928016 | 14703555 | 14795731 | 0.79 | cps |
| Terbium | 159-2 | 8765779 | 9626818 | 10044850 | 9479149 | 6.88 | cps |
| Thallium | 203-1 | 72917 | 73044 | 74485 | 73482 | 1.19 | cps |
| Thallium | 205-1 | 171014 | 174301 | 174409 | 173241 | 1.11 | cps |
| Tin | 118-1 | 90750 | 92927 | 92967 | 92215 | 1.38 | cps |
| Titanium | 47-1 | 312632 | 317060 | 317775 | 315823 | 0.88 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 16:43:13 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17622 | 18233 | 17882 | 17912 | 1.71 | cps |
| Vanadium | 51-2 | 362362 | 356835 | 350815 | 356671 | 1.62 | cps |
| Yttrium | 89-1 | 13980367 | 14109120 | 14074185 | 14054557 | 0.47 | cps |
| Yttrium | 89-2 | 3186275 | 3471005 | 3671422 | 3442901 | 7.08 | cps |
| Zinc | 66-2 | 12296490 | 11986921 | 11761601 | 12015004 | 2.24 | cps |
| Zirconium | 90-1 | 33775 | 34373 | 34708 | 34285 | 1.38 | cps |
| Zirconium | 91-1 | 7585 | 7755 | 7765 | 7702 | 1.31 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:46:17 | DataFile Name : | 096CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12342824 | 12341149 | 12417342 | 12367105 | 0.35 | cps |
| Antimony | 121-1 | 5818610 | 5793544 | 5747713 | 5786622 | 0.62 | cps |
| Arsenic | 75-2 | 267211 | 267646 | 268294 | 267717 | 0.20 | cps |
| Barium | 135-1 | 7623952 | 7501186 | 7449964 | 7525034 | 1.19 | cps |
| Barium | 137-1 | 12909771 | 12754154 | 12691434 | 12785120 | 0.88 | cps |
| Beryllium | 9-1 | 675845 | 676637 | 673574 | 675352 | 0.24 | cps |
| Bismuth | 209-1 | 7693905 | 7678150 | 7567202 | 7646419 | 0.90 | cps |
| Bismuth | 209-2 | 6368742 | 6381875 | 6404706 | 6385108 | 0.29 | cps |
| Bromine | 81-1 | 12946 | 12515 | 13116 | 12859 | 2.41 | cps |
| Bromine | 81-2 | 137 | 93 | 137 | 122 | 20.47 | cps |
| Cadmium | 108-1 | 103150 | 103120 | 101109 | 102459 | 1.14 | cps |
| Cadmium | 106-1 | 146698 | 145170 | 144945 | 145604 | 0.66 | cps |
| Cadmium | 111-1 | 1374231 | 1362972 | 1355948 | 1364383 | 0.68 | cps |
| Calcium | 43-1 | 7708151 | 7561468 | 7444340 | 7571319 | 1.75 | cps |
| Calcium | 44-1 | 122737102 | 120103342 | 119718942 | 120853128 | 1.36 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2137672 | 2115483 | 2160482 | 2137879 | 1.05 | cps |
| Cobalt | 59-2 | 3330958 | 3363080 | 3364528 | 3352855 | 0.57 | cps |
| Copper | 63-2 | 23585649 | 23840423 | 23500655 | 23642242 | 0.75 | cps |
| Dysprosium | 156-1 | 257 | 240 | 270 | 256 | 5.88 | cps |
| Dysprosium | 156-2 | 480 | 470 | 467 | 472 | 1.47 | cps |
| Erbium | 164-1 | 260 | 263 | 270 | 264 | 1.93 | cps |
| Erbium | 164-2 | 190 | 160 | 287 | 212 | 31.19 | cps |
| Gadolinium | 160-1 | 207 | 300 | 280 | 262 | 18.74 | cps |
| Gadolinium | 160-2 | 587 | 570 | 630 | 596 | 5.20 | cps |
| Holmium | 165-1 | 13641063 | 13505354 | 13421381 | 13522599 | 0.82 | cps |
| Holmium | 165-2 | 9445087 | 9598525 | 9422631 | 9488748 | 1.01 | cps |
| Indium | 115-1 | 10398146 | 10254694 | 10299346 | 10317395 | 0.71 | cps |
| Indium | 115-2 | 3642666 | 3651408 | 3701555 | 3665210 | 0.87 | cps |
| Iron | 56-2 | 508297326 | 514270206 | 507115592 | 509894375 | 0.75 | cps |
| Iron | 57-2 | 12499894 | 12567149 | 12675866 | 12580970 | 0.71 | cps |
| Iron | 54-2 | 27562550 | 27362117 | 27210655 | 27378441 | 0.64 | cps |
| Krypton | 83-1 | 197 | 160 | 213 | 190 | 14.36 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:46:17 | DataFile Name : | 096CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 21692934 | 21883023 | 22005287 | 21860415 | 0.72 | cps |
| Lead | 207-1 | 19659690 | 19765470 | 19841300 | 19755487 | 0.46 | cps |
| Lead | 208-1 | 88400417 | 89912404 | 89841338 | 89384719 | 0.95 | cps |
| Lithium | 6-1 | 1631699 | 1609404 | 1643453 | 1628185 | 1.06 | cps |
| Magnesium | 24-2 | 95863982 | 95417699 | 95594015 | 95625232 | 0.24 | cps |
| Manganese | 55-2 | 17225560 | 17296460 | 17095306 | 17205775 | 0.59 | cps |
| Molybdenum | 94-1 | 20247914 | 20142020 | 19925939 | 20105291 | 0.82 | cps |
| Molybdenum | 95-1 | 29172479 | 29046652 | 28714067 | 28977733 | 0.82 | cps |
| Molybdenum | 96-1 | 32052015 | 31649360 | 31568615 | 31756663 | 0.82 | cps |
| Molybdenum | 97-1 | 18265276 | 18148602 | 17891033 | 18101637 | 1.06 | cps |
| Molybdenum | 98-1 | 47067796 | 46916163 | 45685416 | 46556458 | 1.63 | cps |
| Neodymium | 150-1 | 453 | 480 | 417 | 450 | 7.07 | cps |
| Neodymium | 150-2 | 177 | 133 | 173 | 161 | 14.97 | cps |
| Nickel | 60-2 | 793793 | 791326 | 795642 | 793587 | 0.27 | cps |
| Phosphorus | 31-2 | 108974 | 108766 | 107423 | 108388 | 0.78 | cps |
| Potassium | 39-2 | 60302249 | 60231442 | 60989549 | 60507747 | 0.69 | cps |
| Rhodium | 103-1 | 9363310 | 9108276 | 8975917 | 9149168 | 2.15 | cps |
| Rhodium | 103-2 | 5416703 | 5424861 | 5504673 | 5448746 | 0.89 | cps |
| Scandium | 45-1 | 5869722 | 5707804 | 5708477 | 5762001 | 1.62 | cps |
| Scandium | 45-2 | 469185 | 468784 | 471244 | 469738 | 0.28 | cps |
| Selenium | 82-1 | 83784 | 82618 | 82572 | 82991 | 0.83 | cps |
| Selenium | 77-2 | 8129 | 8369 | 8359 | 8286 | 1.64 | cps |
| Selenium | 78-2 | 27846 | 27970 | 27612 | 27809 | 0.65 | cps |
| Silicon | 28-1 | 3340146 | 3323748 | 3315855 | 3326583 | 0.37 | cps |
| Silver | 107-1 | 7183797 | 6944751 | 6948933 | 7025827 | 1.95 | cps |
| Silver | 109-1 | 6819711 | 6730360 | 6749691 | 6766587 | 0.69 | cps |
| Sodium | 23-2 | 154458378 | 154501644 | 156172904 | 155044309 | 0.63 | cps |
| Strontium | 86-1 | 1861216 | 1831985 | 1855823 | 1849675 | 0.84 | cps |
| Strontium | 88-1 | 16295117 | 15909074 | 16082125 | 16095439 | 1.20 | cps |
| Sulfur | 34-1 | 581617 | 569625 | 564895 | 572046 | 1.51 | cps |
| Terbium | 159-1 | 13952907 | 13815384 | 13760199 | 13842830 | 0.72 | cps |
| Terbium | 159-2 | 9439761 | 9345369 | 9444530 | 9409887 | 0.59 | cps |
| Thallium | 203-1 | 5672185 | 5625354 | 5705315 | 5667618 | 0.71 | cps |
| Thallium | 205-1 | 13281530 | 13234004 | 13397369 | 13304301 | 0.63 | cps |
| Tin | 118-1 | 4879437 | 4826721 | 4874434 | 4860197 | 0.60 | cps |
| Titanium | 47-1 | 7188702 | 7006969 | 6946769 | 7047480 | 1.79 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:46:17 | DataFile Name : | 096CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17885508 | 18217268 | 18094058 | 18065611 | 0.93 | cps |
| Vanadium | 51-2 | 1911690 | 1922196 | 1928306 | 1920731 | 0.44 | cps |
| Yttrium | 89-1 | 12684912 | 12261647 | 12390302 | 12445621 | 1.74 | cps |
| Yttrium | 89-2 | 3139390 | 3168652 | 3216874 | 3174972 | 1.23 | cps |
| Zinc | 66-2 | 3951346 | 3890616 | 3959758 | 3933907 | 0.96 | cps |
| Zirconium | 90-1 | 9920002 | 9823527 | 9879245 | 9874258 | 0.49 | cps |
| Zirconium | 91-1 | 2196199 | 2198577 | 2194318 | 2196365 | 0.10 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:48:59 | DataFile Name : | 097CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 353 | 263 | 240 | 286 | 20.96 | cps |
| Antimony | 121-1 | 3100 | 2507 | 2107 | 2571 | 19.44 | cps |
| Arsenic | 75-2 | 7 | 3 | 13 | 8 | 65.47 | cps |
| Barium | 135-1 | 1183 | 637 | 320 | 713 | 61.23 | cps |
| Barium | 137-1 | 2167 | 900 | 600 | 1222 | 68.04 | cps |
| Beryllium | 9-1 | 220 | 173 | 133 | 176 | 24.71 | cps |
| Bismuth | 209-1 | 8573795 | 8664597 | 8464282 | 8567558 | 1.17 | cps |
| Bismuth | 209-2 | 7361350 | 7327572 | 7227258 | 7305393 | 0.95 | cps |
| Bromine | 81-1 | 13666 | 13536 | 13757 | 13653 | 0.81 | cps |
| Bromine | 81-2 | 177 | 210 | 183 | 190 | 9.28 | cps |
| Cadmium | 108-1 | 23 | 7 | 17 | 16 | 53.90 | cps |
| Cadmium | 106-1 | 2897 | 3057 | 2984 | 2979 | 2.69 | cps |
| Cadmium | 111-1 | 2285 | 2255 | 2157 | 2232 | 3.00 | cps |
| Calcium | 43-1 | 1730 | 867 | 637 | 1078 | 53.49 | cps |
| Calcium | 44-1 | 28210 | 17984 | 13393 | 19862 | 38.19 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1210 | 1117 | 1213 | 1180 | 4.65 | cps |
| Cobalt | 59-2 | 150 | 177 | 107 | 144 | 24.46 | cps |
| Copper | 63-2 | 5771 | 5841 | 5554 | 5722 | 2.61 | cps |
| Dysprosium | 156-1 | 13 | 7 | 3 | 8 | 65.47 | cps |
| Dysprosium | 156-2 | 0 | 10 | 13 | 8 | 89.21 | cps |
| Erbium | 164-1 | 57 | 50 | 40 | 49 | 17.16 | cps |
| Erbium | 164-2 | 37 | 33 | 40 | 37 | 9.10 | cps |
| Gadolinium | 160-1 | 33 | 40 | 20 | 31 | 32.73 | cps |
| Gadolinium | 160-2 | 410 | 513 | 430 | 451 | 12.15 | cps |
| Holmium | 165-1 | 13865454 | 14119240 | 14029300 | 14004665 | 0.92 | cps |
| Holmium | 165-2 | 9996046 | 9944023 | 9924560 | 9954876 | 0.37 | cps |
| Indium | 115-1 | 11343881 | 11277874 | 11253889 | 11291881 | 0.41 | cps |
| Indium | 115-2 | 4074274 | 4047313 | 4039234 | 4053607 | 0.45 | cps |
| Iron | 56-2 | 29743 | 27749 | 27114 | 28202 | 4.86 | cps |
| Iron | 57-2 | 1160 | 1003 | 1087 | 1083 | 7.24 | cps |
| Iron | 54-2 | 2810 | 2594 | 2877 | 2760 | 5.37 | cps |
| Krypton | 83-1 | 260 | 223 | 250 | 244 | 7.75 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:48:59 | DataFile Name : | 097CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4521 | 2990 | 2110 | 3207 | 38.04 | cps |
| Lead | 207-1 | 4004 | 2457 | 1860 | 2774 | 39.89 | cps |
| Lead | 208-1 | 18602 | 11729 | 8501 | 12944 | 39.86 | cps |
| Lithium | 6-1 | 1714251 | 1722715 | 1694312 | 1710426 | 0.85 | cps |
| Magnesium | 24-2 | 2244 | 1840 | 1837 | 1973 | 11.85 | cps |
| Manganese | 55-2 | 860 | 787 | 730 | 792 | 8.23 | cps |
| Molybdenum | 94-1 | 3911 | 2264 | 1540 | 2571 | 47.25 | cps |
| Molybdenum | 95-1 | 5231 | 2607 | 1777 | 3205 | 56.26 | cps |
| Molybdenum | 96-1 | 5705 | 2957 | 1930 | 3531 | 55.27 | cps |
| Molybdenum | 97-1 | 3377 | 1687 | 1017 | 2027 | 60.01 | cps |
| Molybdenum | 98-1 | 8192 | 4424 | 2930 | 5182 | 52.33 | cps |
| Neodymium | 150-1 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Neodymium | 150-2 | 0 | 13 | 3 | 6 | 124.93 | cps |
| Nickel | 60-2 | 347 | 270 | 273 | 297 | 14.61 | cps |
| Phosphorus | 31-2 | 97 | 117 | 120 | 111 | 11.36 | cps |
| Potassium | 39-2 | 47754 | 48116 | 47290 | 47720 | 0.87 | cps |
| Rhodium | 103-1 | 10018335 | 10265667 | 10159064 | 10147689 | 1.22 | cps |
| Rhodium | 103-2 | 6179893 | 6216527 | 6094326 | 6163582 | 1.02 | cps |
| Scandium | 45-1 | 5760763 | 5860711 | 5835766 | 5819080 | 0.89 | cps |
| Scandium | 45-2 | 488470 | 487996 | 485087 | 487184 | 0.38 | cps |
| Selenium | 82-1 | 25 | 58 | 54 | 46 | 39.17 | cps |
| Selenium | 77-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Selenium | 78-2 | 390 | 397 | 390 | 392 | 0.98 | cps |
| Silicon | 28-1 | 524474 | 530020 | 533084 | 529192 | 0.82 | cps |
| Silver | 107-1 | 1763 | 997 | 693 | 1151 | 47.91 | cps |
| Silver | 109-1 | 1467 | 860 | 603 | 977 | 45.39 | cps |
| Sodium | 23-2 | 30360 | 29882 | 28807 | 29683 | 2.68 | cps |
| Strontium | 86-1 | 653 | 540 | 417 | 537 | 22.06 | cps |
| Strontium | 88-1 | 2817 | 1370 | 953 | 1713 | 57.08 | cps |
| Sulfur | 34-1 | 167217 | 166254 | 171160 | 168210 | 1.55 | cps |
| Terbium | 159-1 | 14230337 | 14413281 | 14196707 | 14280108 | 0.82 | cps |
| Terbium | 159-2 | 9813273 | 9898277 | 9777785 | 9829778 | 0.63 | cps |
| Thallium | 203-1 | 1623 | 1120 | 977 | 1240 | 27.39 | cps |
| Thallium | 205-1 | 3647 | 2487 | 2157 | 2764 | 28.32 | cps |
| Tin | 118-1 | 2494 | 1870 | 1847 | 2070 | 17.72 | cps |
| Titanium | 47-1 | 1173 | 547 | 333 | 684 | 63.79 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB046 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB046 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 16:48:59 | DataFile Name : | 097CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2497 | 1290 | 763 | 1517 | 58.59 | cps |
| Vanadium | 51-2 | 43 | 23 | 33 | 33 | 30.00 | cps |
| Yttrium | 89-1 | 12754766 | 12811807 | 12821279 | 12795951 | 0.28 | cps |
| Yttrium | 89-2 | 3364456 | 3384752 | 3326472 | 3358560 | 0.88 | cps |
| Zinc | 66-2 | 467 | 497 | 460 | 474 | 4.12 | cps |
| Zirconium | 90-1 | 2490 | 1760 | 1440 | 1897 | 28.38 | cps |
| Zirconium | 91-1 | 617 | 397 | 337 | 450 | 32.76 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:29:12 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2997948 | 2982396 | 2956550 | 2978965 | 0.70 | cps |
| Antimony | 121-1 | 47565 | 48548 | 47682 | 47932 | 1.12 | cps |
| Arsenic | 75-2 | 20030 | 19820 | 19897 | 19916 | 0.53 | cps |
| Barium | 135-1 | 841857 | 845188 | 838146 | 841730 | 0.42 | cps |
| Barium | 137-1 | 1446252 | 1464453 | 1459957 | 1456887 | 0.65 | cps |
| Beryllium | 9-1 | 2884 | 2874 | 2937 | 2898 | 1.18 | cps |
| Bismuth | 209-1 | 10169305 | 10017315 | 9968490 | 10051703 | 1.04 | cps |
| Bismuth | 209-2 | 8659311 | 8683849 | 8706762 | 8683307 | 0.27 | cps |
| Bromine | 81-1 | 20324 | 20608 | 20878 | 20603 | 1.34 | cps |
| Bromine | 81-2 | 1053 | 1007 | 910 | 990 | 7.38 | cps |
| Cadmium | 108-1 | 4231 | 4127 | 4044 | 4134 | 2.26 | cps |
| Cadmium | 106-1 | 9036 | 9356 | 9153 | 9182 | 1.76 | cps |
| Cadmium | 111-1 | 33135 | 34480 | 34433 | 34016 | 2.24 | cps |
| Calcium | 43-1 | 3872500 | 3906297 | 3831260 | 3870019 | 0.97 | cps |
| Calcium | 44-1 | 61851439 | 62255484 | 61919416 | 62008780 | 0.35 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2953245 | 2954350 | 2964719 | 2957438 | 0.21 | cps |
| Cobalt | 59-2 | 130266 | 129224 | 127782 | 129090 | 0.97 | cps |
| Copper | 63-2 | 2442897 | 2407335 | 2460844 | 2437025 | 1.12 | cps |
| Dysprosium | 156-1 | 19881 | 20201 | 20558 | 20214 | 1.68 | cps |
| Dysprosium | 156-2 | 17004 | 17087 | 17324 | 17138 | 0.97 | cps |
| Erbium | 164-1 | 21046 | 20672 | 21430 | 21049 | 1.80 | cps |
| Erbium | 164-2 | 15435 | 14938 | 15062 | 15145 | 1.71 | cps |
| Gadolinium | 160-1 | 18859 | 19537 | 19647 | 19348 | 2.20 | cps |
| Gadolinium | 160-2 | 15212 | 15345 | 15202 | 15253 | 0.53 | cps |
| Holmium | 165-1 | 14848133 | 14443787 | 14227003 | 14506308 | 2.17 | cps |
| Holmium | 165-2 | 10608540 | 10436973 | 10521594 | 10522369 | 0.82 | cps |
| Indium | 115-1 | 12447521 | 12093871 | 12017691 | 12186361 | 1.88 | cps |
| Indium | 115-2 | 4341045 | 4415559 | 4321180 | 4359261 | 1.14 | cps |
| Iron | 56-2 | 1669988935 | 1683888988 | 1676884242 | 1676920722 | 0.41 | cps |
| Iron | 57-2 | 41563344 | 41220077 | 41376820 | 41386747 | 0.42 | cps |
| Iron | 54-2 | 89926899 | 91376109 | 90294569 | 90532525 | 0.83 | cps |
| Krypton | 83-1 | 227 | 330 | 310 | 289 | 18.97 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:29:12 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 57327997 | 56865329 | 56940731 | 57044686 | 0.44 | cps |
| Lead | 207-1 | 48929976 | 48656101 | 48173506 | 48586528 | 0.79 | cps |
| Lead | 208-1 | 225415955 | 224385352 | 222531122 | 224110809 | 0.65 | cps |
| Lithium | 6-1 | 1641021 | 1618982 | 1603854 | 1621285 | 1.15 | cps |
| Magnesium | 24-2 | 9890062 | 9763446 | 9766985 | 9806831 | 0.74 | cps |
| Manganese | 55-2 | 48598889 | 49035033 | 48923688 | 48852536 | 0.46 | cps |
| Molybdenum | 94-1 | 102156 | 103966 | 102965 | 103029 | 0.88 | cps |
| Molybdenum | 95-1 | 129991 | 132227 | 132452 | 131557 | 1.03 | cps |
| Molybdenum | 96-1 | 164231 | 165393 | 165640 | 165088 | 0.46 | cps |
| Molybdenum | 97-1 | 81100 | 82300 | 81837 | 81746 | 0.74 | cps |
| Molybdenum | 98-1 | 209011 | 211816 | 211268 | 210698 | 0.71 | cps |
| Neodymium | 150-1 | 32223 | 32016 | 32928 | 32389 | 1.48 | cps |
| Neodymium | 150-2 | 19817 | 19197 | 19998 | 19671 | 2.14 | cps |
| Nickel | 60-2 | 1764162 | 1762859 | 1748316 | 1758446 | 0.50 | cps |
| Phosphorus | 31-2 | 16302 | 15958 | 15498 | 15919 | 2.53 | cps |
| Potassium | 39-2 | 1250834 | 1263053 | 1240964 | 1251617 | 0.88 | cps |
| Rhodium | 103-1 | 11234800 | 11096019 | 10983310 | 11104710 | 1.13 | cps |
| Rhodium | 103-2 | 6683750 | 6609465 | 6645116 | 6646110 | 0.56 | cps |
| Scandium | 45-1 | 7092065 | 6945156 | 6755575 | 6930932 | 2.43 | cps |
| Scandium | 45-2 | 570238 | 574200 | 568345 | 570928 | 0.52 | cps |
| Selenium | 82-1 | 518 | 397 | 383 | 433 | 17.16 | cps |
| Selenium | 77-2 | 67 | 90 | 97 | 84 | 18.65 | cps |
| Selenium | 78-2 | 610 | 667 | 580 | 619 | 7.11 | cps |
| Silicon | 28-1 | 42881187 | 43415506 | 43575457 | 43290717 | 0.84 | cps |
| Silver | 107-1 | 90238 | 91422 | 91717 | 91126 | 0.86 | cps |
| Silver | 109-1 | 84823 | 86583 | 86586 | 85997 | 1.18 | cps |
| Sodium | 23-2 | 572641 | 563705 | 561624 | 565990 | 1.03 | cps |
| Strontium | 86-1 | 627491 | 639522 | 639254 | 635422 | 1.08 | cps |
| Strontium | 88-1 | 5761105 | 5857780 | 5720963 | 5779949 | 1.22 | cps |
| Sulfur | 34-1 | 303504 | 301743 | 300357 | 301868 | 0.52 | cps |
| Terbium | 159-1 | 15197428 | 15017751 | 14796708 | 15003962 | 1.34 | cps |
| Terbium | 159-2 | 10460385 | 10430848 | 10440387 | 10443874 | 0.14 | cps |
| Thallium | 203-1 | 28543 | 29054 | 28757 | 28785 | 0.89 | cps |
| Thallium | 205-1 | 68669 | 68102 | 68076 | 68282 | 0.49 | cps |
| Tin | 118-1 | 196701 | 198772 | 197460 | 197644 | 0.53 | cps |
| Titanium | 47-1 | 696902 | 712275 | 700102 | 703093 | 1.15 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5154-16A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q4A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:29:12 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 37021 | 37302 | 36406 | 36910 | 1.24 | cps |
| Vanadium | 51-2 | 259402 | 262285 | 259063 | 260250 | 0.68 | cps |
| Yttrium | 89-1 | 14953661 | 15015756 | 14627898 | 14865772 | 1.40 | cps |
| Yttrium | 89-2 | 3867193 | 3858162 | 3865123 | 3863492 | 0.12 | cps |
| Zinc | 66-2 | 26203413 | 25952199 | 25920200 | 26025271 | 0.60 | cps |
| Zirconium | 90-1 | 74213 | 75158 | 76080 | 75150 | 1.24 | cps |
| Zirconium | 91-1 | 16987 | 16499 | 16753 | 16746 | 1.46 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:32:11 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12176289 | 12115090 | 12145281 | 12145554 | 0.25 | cps |
| Antimony | 121-1 | 5847208 | 5860360 | 5748569 | 5818712 | 1.05 | cps |
| Arsenic | 75-2 | 267871 | 266346 | 267327 | 267181 | 0.29 | cps |
| Barium | 135-1 | 7544024 | 7532895 | 7455768 | 7510896 | 0.64 | cps |
| Barium | 137-1 | 12865459 | 12988686 | 12783836 | 12879327 | 0.80 | cps |
| Beryllium | 9-1 | 684453 | 689621 | 678683 | 684252 | 0.80 | cps |
| Bismuth | 209-1 | 7774759 | 7683208 | 7388322 | 7615430 | 2.65 | cps |
| Bismuth | 209-2 | 6391344 | 6398587 | 6510098 | 6433343 | 1.03 | cps |
| Bromine | 81-1 | 14250 | 13563 | 12742 | 13518 | 5.58 | cps |
| Bromine | 81-2 | 153 | 117 | 153 | 141 | 15.00 | cps |
| Cadmium | 108-1 | 102136 | 103100 | 100287 | 101841 | 1.40 | cps |
| Cadmium | 106-1 | 147732 | 147409 | 146210 | 147117 | 0.55 | cps |
| Cadmium | 111-1 | 1380992 | 1366288 | 1361690 | 1369657 | 0.74 | cps |
| Calcium | 43-1 | 7842704 | 7666884 | 7535546 | 7681711 | 2.01 | cps |
| Calcium | 44-1 | 124671718 | 121941715 | 120383038 | 122332157 | 1.77 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2146149 | 2134494 | 2143772 | 2141472 | 0.29 | cps |
| Cobalt | 59-2 | 3338708 | 3343513 | 3376936 | 3353052 | 0.62 | cps |
| Copper | 63-2 | 23663813 | 23717305 | 23579167 | 23653428 | 0.29 | cps |
| Dysprosium | 156-1 | 280 | 307 | 273 | 287 | 6.15 | cps |
| Dysprosium | 156-2 | 407 | 470 | 520 | 466 | 12.20 | cps |
| Erbium | 164-1 | 250 | 280 | 313 | 281 | 11.27 | cps |
| Erbium | 164-2 | 197 | 160 | 187 | 181 | 10.47 | cps |
| Gadolinium | 160-1 | 250 | 297 | 287 | 278 | 8.85 | cps |
| Gadolinium | 160-2 | 610 | 623 | 637 | 623 | 2.14 | cps |
| Holmium | 165-1 | 13902932 | 13638680 | 13019781 | 13520464 | 3.35 | cps |
| Holmium | 165-2 | 9721863 | 9665036 | 9571589 | 9652830 | 0.79 | cps |
| Indium | 115-1 | 10623946 | 10439744 | 10036843 | 10366844 | 2.90 | cps |
| Indium | 115-2 | 3676956 | 3696429 | 3726310 | 3699898 | 0.67 | cps |
| Iron | 56-2 | 507510739 | 507987712 | 512067712 | 509188721 | 0.49 | cps |
| Iron | 57-2 | 12500491 | 12461037 | 12644539 | 12535356 | 0.77 | cps |
| Iron | 54-2 | 27140736 | 27315428 | 27234179 | 27230114 | 0.32 | cps |
| Krypton | 83-1 | 243 | 197 | 210 | 217 | 11.09 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:32:11 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 21893551 | 22245427 | 22026698 | 22055226 | 0.81 | cps |
| Lead | 207-1 | 19647139 | 19945295 | 19768240 | 19786891 | 0.76 | cps |
| Lead | 208-1 | 88745422 | 90083849 | 89624774 | 89484682 | 0.76 | cps |
| Lithium | 6-1 | 1636531 | 1567544 | 1535005 | 1579694 | 3.28 | cps |
| Magnesium | 24-2 | 96541389 | 95565689 | 96851919 | 96319665 | 0.70 | cps |
| Manganese | 55-2 | 17155124 | 17062603 | 17262984 | 17160237 | 0.58 | cps |
| Molybdenum | 94-1 | 20437060 | 20205096 | 20045447 | 20229201 | 0.97 | cps |
| Molybdenum | 95-1 | 29557626 | 29341395 | 28978440 | 29292487 | 1.00 | cps |
| Molybdenum | 96-1 | 32149564 | 32158001 | 31714665 | 32007410 | 0.79 | cps |
| Molybdenum | 97-1 | 18368573 | 18407223 | 17962802 | 18246199 | 1.35 | cps |
| Molybdenum | 98-1 | 47258084 | 47307518 | 46052704 | 46872769 | 1.52 | cps |
| Neodymium | 150-1 | 480 | 417 | 453 | 450 | 7.07 | cps |
| Neodymium | 150-2 | 137 | 167 | 123 | 142 | 15.60 | cps |
| Nickel | 60-2 | 790496 | 788219 | 793025 | 790580 | 0.30 | cps |
| Phosphorus | 31-2 | 109437 | 109615 | 110321 | 109791 | 0.43 | cps |
| Potassium | 39-2 | 60462006 | 60846704 | 61144839 | 60817850 | 0.56 | cps |
| Rhodium | 103-1 | 9467334 | 9263146 | 8775044 | 9168508 | 3.88 | cps |
| Rhodium | 103-2 | 5359945 | 5442038 | 5407509 | 5403164 | 0.76 | cps |
| Scandium | 45-1 | 6091185 | 5848687 | 5533147 | 5824340 | 4.80 | cps |
| Scandium | 45-2 | 471552 | 474197 | 474133 | 473294 | 0.32 | cps |
| Selenium | 82-1 | 83363 | 83159 | 82990 | 83171 | 0.23 | cps |
| Selenium | 77-2 | 8479 | 8349 | 8379 | 8402 | 0.81 | cps |
| Selenium | 78-2 | 27763 | 27582 | 28287 | 27877 | 1.31 | cps |
| Silicon | 28-1 | 6617351 | 6530053 | 6388148 | 6511851 | 1.78 | cps |
| Silver | 107-1 | 7065490 | 7079346 | 6979169 | 7041335 | 0.77 | cps |
| Silver | 109-1 | 6813761 | 6750227 | 6702363 | 6755450 | 0.83 | cps |
| Sodium | 23-2 | 154578728 | 153370874 | 156472418 | 154807340 | 1.01 | cps |
| Strontium | 86-1 | 1901851 | 1858588 | 1823805 | 1861415 | 2.10 | cps |
| Strontium | 88-1 | 16500812 | 16312731 | 15965220 | 16259588 | 1.67 | cps |
| Sulfur | 34-1 | 595734 | 584265 | 576721 | 585573 | 1.63 | cps |
| Terbium | 159-1 | 14136151 | 13894754 | 13295618 | 13775508 | 3.14 | cps |
| Terbium | 159-2 | 9562525 | 9461448 | 9452511 | 9492161 | 0.64 | cps |
| Thallium | 203-1 | 5690884 | 5686345 | 5644782 | 5674004 | 0.45 | cps |
| Thallium | 205-1 | 13516017 | 13524231 | 13340979 | 13460409 | 0.77 | cps |
| Tin | 118-1 | 4831979 | 4835120 | 4805082 | 4824061 | 0.34 | cps |
| Titanium | 47-1 | 7204300 | 7091211 | 6942887 | 7079466 | 1.85 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:32:11 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17620029 | 17874015 | 18010156 | 17834733 | 1.11 | cps |
| Vanadium | 51-2 | 1949326 | 1898126 | 1891925 | 1913126 | 1.65 | cps |
| Yttrium | 89-1 | 13168821 | 12631931 | 11955642 | 12585465 | 4.83 | cps |
| Yttrium | 89-2 | 3203539 | 3246315 | 3217966 | 3222606 | 0.68 | cps |
| Zinc | 66-2 | 3902641 | 3878263 | 3958554 | 3913153 | 1.05 | cps |
| Zirconium | 90-1 | 10139483 | 9979159 | 9811345 | 9976662 | 1.64 | cps |
| Zirconium | 91-1 | 2246726 | 2211562 | 2188050 | 2215446 | 1.33 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:34:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 543 | 410 | 367 | 440 | 20.93 | cps |
| Antimony | 121-1 | 3337 | 2554 | 2120 | 2670 | 23.10 | cps |
| Arsenic | 75-2 | 7 | 10 | 0 | 6 | 91.64 | cps |
| Barium | 135-1 | 1740 | 743 | 490 | 991 | 66.68 | cps |
| Barium | 137-1 | 2820 | 1447 | 833 | 1700 | 59.85 | cps |
| Beryllium | 9-1 | 267 | 190 | 163 | 207 | 25.96 | cps |
| Bismuth | 209-1 | 8681122 | 8438246 | 8518476 | 8545948 | 1.45 | cps |
| Bismuth | 209-2 | 7311131 | 7234043 | 7178621 | 7241265 | 0.92 | cps |
| Bromine | 81-1 | 12819 | 13219 | 13203 | 13080 | 1.73 | cps |
| Bromine | 81-2 | 177 | 173 | 153 | 168 | 7.52 | cps |
| Cadmium | 108-1 | 53 | 40 | 10 | 34 | 64.43 | cps |
| Cadmium | 106-1 | 3007 | 2864 | 2827 | 2899 | 3.28 | cps |
| Cadmium | 111-1 | 2508 | 2133 | 2089 | 2243 | 10.26 | cps |
| Calcium | 43-1 | 1927 | 1087 | 817 | 1277 | 45.34 | cps |
| Calcium | 44-1 | 34855 | 21766 | 16175 | 24265 | 39.51 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1180 | 1200 | 1273 | 1218 | 4.04 | cps |
| Cobalt | 59-2 | 217 | 177 | 103 | 166 | 34.72 | cps |
| Copper | 63-2 | 6105 | 5604 | 5968 | 5892 | 4.39 | cps |
| Dysprosium | 156-1 | 13 | 3 | 23 | 13 | 75.02 | cps |
| Dysprosium | 156-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Erbium | 164-1 | 57 | 63 | 43 | 54 | 18.71 | cps |
| Erbium | 164-2 | 30 | 30 | 27 | 29 | 6.65 | cps |
| Gadolinium | 160-1 | 47 | 27 | 40 | 38 | 26.95 | cps |
| Gadolinium | 160-2 | 483 | 380 | 457 | 440 | 12.19 | cps |
| Holmium | 165-1 | 13757614 | 13687558 | 13390404 | 13611859 | 1.43 | cps |
| Holmium | 165-2 | 10100016 | 9899263 | 9782788 | 9927356 | 1.62 | cps |
| Indium | 115-1 | 11208843 | 11053129 | 10895335 | 11052436 | 1.42 | cps |
| Indium | 115-2 | 4060922 | 3945370 | 4041479 | 4015924 | 1.54 | cps |
| Iron | 56-2 | 38820 | 35462 | 32733 | 35671 | 8.55 | cps |
| Iron | 57-2 | 1137 | 1310 | 1130 | 1192 | 8.56 | cps |
| Iron | 54-2 | 3530 | 3230 | 3738 | 3500 | 7.29 | cps |
| Krypton | 83-1 | 183 | 193 | 180 | 186 | 3.74 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:34:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6346 | 3407 | 2577 | 4110 | 48.18 | cps |
| Lead | 207-1 | 5005 | 3094 | 2077 | 3392 | 43.83 | cps |
| Lead | 208-1 | 24000 | 13863 | 10035 | 15966 | 45.20 | cps |
| Lithium | 6-1 | 1695265 | 1681069 | 1650481 | 1675605 | 1.37 | cps |
| Magnesium | 24-2 | 3174 | 2844 | 2337 | 2785 | 15.14 | cps |
| Manganese | 55-2 | 947 | 947 | 867 | 920 | 5.02 | cps |
| Molybdenum | 94-1 | 4681 | 2727 | 1810 | 3073 | 47.72 | cps |
| Molybdenum | 95-1 | 6488 | 3761 | 2247 | 4165 | 51.61 | cps |
| Molybdenum | 96-1 | 10503 | 3857 | 2527 | 5629 | 75.91 | cps |
| Molybdenum | 97-1 | 6351 | 2280 | 1263 | 3298 | 81.63 | cps |
| Molybdenum | 98-1 | 15981 | 5584 | 3627 | 8397 | 79.07 | cps |
| Neodymium | 150-1 | 10 | 0 | 0 | 3 | 173.21 | cps |
| Neodymium | 150-2 | 10 | 3 | 3 | 6 | 69.34 | cps |
| Nickel | 60-2 | 273 | 350 | 363 | 329 | 14.77 | cps |
| Phosphorus | 31-2 | 137 | 157 | 103 | 132 | 20.38 | cps |
| Potassium | 39-2 | 48751 | 47972 | 47684 | 48136 | 1.15 | cps |
| Rhodium | 103-1 | 10194504 | 10146326 | 10061110 | 10133980 | 0.67 | cps |
| Rhodium | 103-2 | 6243932 | 6064148 | 6147715 | 6151932 | 1.46 | cps |
| Scandium | 45-1 | 5865672 | 5881410 | 5805075 | 5850719 | 0.69 | cps |
| Scandium | 45-2 | 486799 | 484323 | 482984 | 484702 | 0.40 | cps |
| Selenium | 82-1 | 167 | 99 | 99 | 122 | 32.29 | cps |
| Selenium | 77-2 | 0 | 3 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 307 | 407 | 370 | 361 | 14.01 | cps |
| Silicon | 28-1 | 537824 | 535397 | 543713 | 538978 | 0.79 | cps |
| Silver | 107-1 | 2607 | 1253 | 790 | 1550 | 60.91 | cps |
| Silver | 109-1 | 2150 | 960 | 753 | 1288 | 58.55 | cps |
| Sodium | 23-2 | 32314 | 31008 | 30580 | 31301 | 2.89 | cps |
| Strontium | 86-1 | 763 | 593 | 490 | 616 | 22.42 | cps |
| Strontium | 88-1 | 3460 | 2013 | 1257 | 2244 | 49.91 | cps |
| Sulfur | 34-1 | 169309 | 170459 | 170395 | 170054 | 0.38 | cps |
| Terbium | 159-1 | 14041985 | 13985916 | 14011491 | 14013131 | 0.20 | cps |
| Terbium | 159-2 | 9752285 | 9846320 | 9832595 | 9810400 | 0.52 | cps |
| Thallium | 203-1 | 1867 | 1293 | 993 | 1385 | 32.05 | cps |
| Thallium | 205-1 | 4337 | 3080 | 2450 | 3289 | 29.21 | cps |
| Tin | 118-1 | 2717 | 2210 | 1700 | 2209 | 23.02 | cps |
| Titanium | 47-1 | 1370 | 827 | 503 | 900 | 48.66 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB047 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB047 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 17:34:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3280 | 1920 | 1023 | 2075 | 54.78 | cps |
| Vanadium | 51-2 | 27 | 37 | 50 | 38 | 30.98 | cps |
| Yttrium | 89-1 | 12801521 | 12790663 | 12511018 | 12701067 | 1.30 | cps |
| Yttrium | 89-2 | 3401543 | 3324287 | 3371808 | 3365879 | 1.16 | cps |
| Zinc | 66-2 | 590 | 610 | 557 | 586 | 4.60 | cps |
| Zirconium | 90-1 | 3127 | 2177 | 1663 | 2322 | 31.97 | cps |
| Zirconium | 91-1 | 713 | 520 | 360 | 531 | 33.31 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:28:21 | DataFile Name : | 101CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 287 | 300 | 280 | 289 | 3.53 | cps |
| Antimony | 121-1 | 90 | 117 | 120 | 109 | 15.10 | cps |
| Arsenic | 75-2 | 3 | 7 | 0 | 3 | 100.05 | cps |
| Barium | 135-1 | 77 | 67 | 50 | 64 | 20.91 | cps |
| Barium | 137-1 | 113 | 117 | 157 | 129 | 18.71 | cps |
| Beryllium | 9-1 | 20 | 60 | 87 | 56 | 60.40 | cps |
| Bismuth | 209-1 | 8219138 | 8328588 | 8324675 | 8290800 | 0.75 | cps |
| Bismuth | 209-2 | 7398250 | 7471154 | 7370361 | 7413255 | 0.70 | cps |
| Bromine | 81-1 | 17167 | 16980 | 17701 | 17282 | 2.16 | cps |
| Bromine | 81-2 | 167 | 213 | 170 | 183 | 14.20 | cps |
| Cadmium | 108-1 | 23 | 10 | 3 | 12 | 83.33 | cps |
| Cadmium | 106-1 | 2937 | 3030 | 2870 | 2946 | 2.73 | cps |
| Cadmium | 111-1 | 2070 | 2121 | 2007 | 2066 | 2.76 | cps |
| Calcium | 43-1 | 430 | 393 | 393 | 406 | 5.22 | cps |
| Calcium | 44-1 | 9426 | 9463 | 9266 | 9385 | 1.12 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1370 | 1450 | 1383 | 1401 | 3.06 | cps |
| Cobalt | 59-2 | 113 | 67 | 100 | 93 | 25.75 | cps |
| Copper | 63-2 | 3784 | 3957 | 4104 | 3948 | 4.06 | cps |
| Dysprosium | 156-1 | 3 | 7 | 17 | 9 | 78.08 | cps |
| Dysprosium | 156-2 | 3 | 13 | 3 | 7 | 86.65 | cps |
| Erbium | 164-1 | 67 | 63 | 43 | 58 | 21.85 | cps |
| Erbium | 164-2 | 43 | 43 | 43 | 43 | 0.00 | cps |
| Gadolinium | 160-1 | 53 | 67 | 40 | 53 | 25.00 | cps |
| Gadolinium | 160-2 | 500 | 493 | 447 | 480 | 6.05 | cps |
| Holmium | 165-1 | 14132565 | 14016337 | 14235639 | 14128180 | 0.78 | cps |
| Holmium | 165-2 | 10417453 | 10374027 | 10405138 | 10398873 | 0.22 | cps |
| Indium | 115-1 | 12281576 | 12147604 | 12167232 | 12198804 | 0.59 | cps |
| Indium | 115-2 | 4523160 | 4517743 | 4446334 | 4495745 | 0.95 | cps |
| Iron | 56-2 | 22013 | 21893 | 21906 | 21937 | 0.30 | cps |
| Iron | 57-2 | 1013 | 943 | 1063 | 1007 | 5.99 | cps |
| Iron | 54-2 | 2764 | 2787 | 2904 | 2818 | 2.66 | cps |
| Krypton | 83-1 | 240 | 263 | 187 | 230 | 17.09 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:28:21 | DataFile Name : | 101CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 507 | 477 | 450 | 478 | 5.93 | cps |
| Lead | 207-1 | 437 | 440 | 427 | 434 | 1.60 | cps |
| Lead | 208-1 | 1977 | 1947 | 1910 | 1945 | 1.72 | cps |
| Lithium | 6-1 | 1586979 | 1603982 | 1643367 | 1611443 | 1.79 | cps |
| Magnesium | 24-2 | 817 | 823 | 770 | 803 | 3.62 | cps |
| Manganese | 55-2 | 307 | 357 | 363 | 342 | 9.05 | cps |
| Molybdenum | 94-1 | 403 | 320 | 367 | 363 | 11.49 | cps |
| Molybdenum | 95-1 | 163 | 177 | 170 | 170 | 3.92 | cps |
| Molybdenum | 96-1 | 267 | 237 | 237 | 247 | 7.02 | cps |
| Molybdenum | 97-1 | 110 | 107 | 140 | 119 | 15.44 | cps |
| Molybdenum | 98-1 | 293 | 373 | 297 | 321 | 14.09 | cps |
| Neodymium | 150-1 | 13 | 10 | 10 | 11 | 17.30 | cps |
| Neodymium | 150-2 | 7 | 7 | 0 | 4 | 86.60 | cps |
| Nickel | 60-2 | 320 | 327 | 287 | 311 | 6.89 | cps |
| Phosphorus | 31-2 | 157 | 137 | 167 | 153 | 9.96 | cps |
| Potassium | 39-2 | 50721 | 51413 | 51136 | 51090 | 0.68 | cps |
| Rhodium | 103-1 | 11461850 | 11395109 | 11349895 | 11402285 | 0.49 | cps |
| Rhodium | 103-2 | 6962891 | 6979682 | 6837129 | 6926567 | 1.12 | cps |
| Scandium | 45-1 | 6783448 | 6764978 | 6855943 | 6801456 | 0.71 | cps |
| Scandium | 45-2 | 582502 | 582208 | 579023 | 581245 | 0.33 | cps |
| Selenium | 82-1 | 204 | 92 | 139 | 145 | 38.79 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 580 | 503 | 513 | 532 | 7.83 | cps |
| Silicon | 28-1 | 736825 | 737766 | 736921 | 737171 | 0.07 | cps |
| Silver | 107-1 | 57 | 80 | 70 | 69 | 16.99 | cps |
| Silver | 109-1 | 53 | 57 | 47 | 52 | 9.75 | cps |
| Sodium | 23-2 | 19713 | 19352 | 19809 | 19625 | 1.23 | cps |
| Strontium | 86-1 | 420 | 420 | 490 | 443 | 9.12 | cps |
| Strontium | 88-1 | 373 | 387 | 327 | 362 | 8.70 | cps |
| Sulfur | 34-1 | 206624 | 208273 | 205526 | 206808 | 0.67 | cps |
| Terbium | 159-1 | 14486099 | 14348951 | 14580885 | 14471978 | 0.81 | cps |
| Terbium | 159-2 | 10315708 | 10361618 | 10297626 | 10324984 | 0.32 | cps |
| Thallium | 203-1 | 307 | 243 | 320 | 290 | 14.12 | cps |
| Thallium | 205-1 | 650 | 693 | 657 | 667 | 3.50 | cps |
| Tin | 118-1 | 1390 | 1403 | 1320 | 1371 | 3.27 | cps |
| Titanium | 47-1 | 137 | 130 | 147 | 138 | 6.09 | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:28:21 | DataFile Name : | 101CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 57 | 30 | 3 | 30 | 88.90 | cps |
| Vanadium | 51-2 | 13 | 27 | 27 | 22 | 34.66 | cps |
| Yttrium | 89-1 | 14381934 | 14213143 | 14146370 | 14247149 | 0.85 | cps |
| Yttrium | 89-2 | 3840670 | 3812011 | 3774647 | 3809109 | 0.87 | cps |
| Zinc | 66-2 | 360 | 423 | 383 | 389 | 8.24 | cps |
| Zirconium | 90-1 | 700 | 717 | 760 | 726 | 4.27 | cps |
| Zirconium | 91-1 | 137 | 167 | 140 | 148 | 11.13 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:36:20 | DataFile Name : | 103LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10847 | 10584 | 10717 | 10716 | 1.23 | cps |
| Antimony | 121-1 | 45475 | 45271 | 45080 | 45275 | 0.44 | cps |
| Arsenic | 75-2 | 1250 | 1353 | 1353 | 1319 | 4.52 | cps |
| Barium | 135-1 | 56736 | 55370 | 55314 | 55807 | 1.44 | cps |
| Barium | 137-1 | 96242 | 98055 | 98008 | 97435 | 1.06 | cps |
| Beryllium | 9-1 | 2877 | 2960 | 3014 | 2950 | 2.34 | cps |
| Bismuth | 209-1 | 8347735 | 8457726 | 8399994 | 8401818 | 0.65 | cps |
| Bismuth | 209-2 | 7228195 | 7310194 | 7281640 | 7273343 | 0.57 | cps |
| Bromine | 81-1 | 17100 | 17224 | 17564 | 17296 | 1.39 | cps |
| Bromine | 81-2 | 257 | 257 | 203 | 239 | 12.89 | cps |
| Cadmium | 108-1 | 423 | 447 | 453 | 441 | 3.57 | cps |
| Cadmium | 106-1 | 3674 | 3704 | 3600 | 3659 | 1.45 | cps |
| Cadmium | 111-1 | 8107 | 8025 | 8194 | 8108 | 1.05 | cps |
| Calcium | 43-1 | 32862 | 34078 | 33871 | 33604 | 1.94 | cps |
| Calcium | 44-1 | 539733 | 544894 | 547735 | 544121 | 0.75 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 20147 | 20067 | 20334 | 20182 | 0.68 | cps |
| Cobalt | 59-2 | 15698 | 15725 | 15301 | 15575 | 1.52 | cps |
| Copper | 63-2 | 28798 | 28557 | 28898 | 28751 | 0.61 | cps |
| Dysprosium | 156-1 | 10 | 27 | 23 | 20 | 44.10 | cps |
| Dysprosium | 156-2 | 7 | 13 | 7 | 9 | 43.25 | cps |
| Erbium | 164-1 | 63 | 50 | 83 | 66 | 25.59 | cps |
| Erbium | 164-2 | 30 | 57 | 40 | 42 | 31.91 | cps |
| Gadolinium | 160-1 | 63 | 53 | 60 | 59 | 8.65 | cps |
| Gadolinium | 160-2 | 493 | 580 | 467 | 513 | 11.54 | cps |
| Holmium | 165-1 | 14185636 | 14061269 | 14324109 | 14190338 | 0.93 | cps |
| Holmium | 165-2 | 10417929 | 10327094 | 10249756 | 10331593 | 0.81 | cps |
| Indium | 115-1 | 12116681 | 11907849 | 12101521 | 12042017 | 0.97 | cps |
| Indium | 115-2 | 4489704 | 4420518 | 4486683 | 4465635 | 0.88 | cps |
| Iron | 56-2 | 1865687 | 1862198 | 1846462 | 1858116 | 0.55 | cps |
| Iron | 57-2 | 47063 | 47017 | 46977 | 47019 | 0.09 | cps |
| Iron | 54-2 | 102875 | 105003 | 103402 | 103760 | 1.07 | cps |
| Krypton | 83-1 | 243 | 203 | 250 | 232 | 10.87 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:36:20 | DataFile Name : | 103LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16086 | 16096 | 16443 | 16209 | 1.25 | cps |
| Lead | 207-1 | 13974 | 14248 | 14131 | 14117 | 0.97 | cps |
| Lead | 208-1 | 63518 | 64610 | 66181 | 64770 | 2.07 | cps |
| Lithium | 6-1 | 1540352 | 1633560 | 1618189 | 1597367 | 3.13 | cps |
| Magnesium | 24-2 | 414318 | 409378 | 411340 | 411679 | 0.60 | cps |
| Manganese | 55-2 | 8102 | 8409 | 8062 | 8191 | 2.32 | cps |
| Molybdenum | 94-1 | 47694 | 47115 | 48252 | 47687 | 1.19 | cps |
| Molybdenum | 95-1 | 57526 | 57375 | 58239 | 57713 | 0.80 | cps |
| Molybdenum | 96-1 | 64163 | 64260 | 65171 | 64531 | 0.86 | cps |
| Molybdenum | 97-1 | 35637 | 37037 | 36198 | 36290 | 1.94 | cps |
| Molybdenum | 98-1 | 91350 | 94765 | 94137 | 93417 | 1.95 | cps |
| Neodymium | 150-1 | 13 | 3 | 3 | 7 | 86.65 | cps |
| Neodymium | 150-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Nickel | 60-2 | 4237 | 4374 | 4034 | 4215 | 4.06 | cps |
| Phosphorus | 31-2 | 763 | 740 | 803 | 769 | 4.17 | cps |
| Potassium | 39-2 | 618782 | 619028 | 621198 | 619669 | 0.21 | cps |
| Rhodium | 103-1 | 11278733 | 11357668 | 11340175 | 11325525 | 0.37 | cps |
| Rhodium | 103-2 | 6893553 | 6828356 | 6783704 | 6835204 | 0.81 | cps |
| Scandium | 45-1 | 6782356 | 6877118 | 6811869 | 6823781 | 0.71 | cps |
| Scandium | 45-2 | 590783 | 581412 | 581731 | 584642 | 0.91 | cps |
| Selenium | 82-1 | 1969 | 2031 | 1970 | 1990 | 1.79 | cps |
| Selenium | 77-2 | 183 | 197 | 220 | 200 | 9.28 | cps |
| Selenium | 78-2 | 1073 | 1200 | 1077 | 1117 | 6.47 | cps |
| Silicon | 28-1 | 871466 | 863497 | 872747 | 869236 | 0.58 | cps |
| Silver | 107-1 | 28688 | 30425 | 30813 | 29975 | 3.77 | cps |
| Silver | 109-1 | 27503 | 28672 | 28258 | 28144 | 2.11 | cps |
| Sodium | 23-2 | 685790 | 684870 | 682748 | 684469 | 0.23 | cps |
| Strontium | 86-1 | 7805 | 7749 | 7869 | 7808 | 0.77 | cps |
| Strontium | 88-1 | 63998 | 65294 | 66396 | 65229 | 1.84 | cps |
| Sulfur | 34-1 | 212888 | 212145 | 213956 | 212996 | 0.43 | cps |
| Terbium | 159-1 | 14721637 | 14731289 | 14549509 | 14667478 | 0.70 | cps |
| Terbium | 159-2 | 10314112 | 10238159 | 10096017 | 10216096 | 1.08 | cps |
| Thallium | 203-1 | 19965 | 19451 | 20205 | 19873 | 1.94 | cps |
| Thallium | 205-1 | 46322 | 46917 | 47676 | 46972 | 1.45 | cps |
| Tin | 118-1 | 95990 | 95554 | 97688 | 96410 | 1.17 | cps |
| Titanium | 47-1 | 3650 | 3704 | 3577 | 3644 | 1.75 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165801BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS801 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:36:20 | DataFile Name : | 103LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 56000 | 56399 | 56412 | 56270 | 0.42 | cps |
| Vanadium | 51-2 | 43195 | 42837 | 43051 | 43028 | 0.42 | cps |
| Yttrium | 89-1 | 14171508 | 14081505 | 14304940 | 14185984 | 0.79 | cps |
| Yttrium | 89-2 | 3829454 | 3782928 | 3740967 | 3784449 | 1.17 | cps |
| Zinc | 66-2 | 9133 | 9693 | 9596 | 9474 | 3.16 | cps |
| Zirconium | 90-1 | 38955 | 40101 | 40512 | 39856 | 2.03 | cps |
| Zirconium | 91-1 | 8893 | 8743 | 8946 | 8861 | 1.19 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2904 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:46:14 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1005760 | 993170 | 986491 | 995140 | 0.98 | cps |
| Antimony | 121-1 | 4551 | 4501 | 4707 | 4586 | 2.35 | cps |
| Arsenic | 75-2 | 6025 | 5865 | 5921 | 5937 | 1.37 | cps |
| Barium | 135-1 | 88637 | 91011 | 90891 | 90180 | 1.48 | cps |
| Barium | 137-1 | 154495 | 156066 | 154593 | 155051 | 0.57 | cps |
| Beryllium | 9-1 | 520 | 470 | 490 | 493 | 5.10 | cps |
| Bismuth | 209-1 | 8458975 | 8420056 | 8443740 | 8440924 | 0.23 | cps |
| Bismuth | 209-2 | 7378333 | 7162512 | 7325574 | 7288806 | 1.54 | cps |
| Bromine | 81-1 | 25372 | 25692 | 26133 | 25732 | 1.49 | cps |
| Bromine | 81-2 | 2270 | 2284 | 2107 | 2220 | 4.43 | cps |
| Cadmium | 108-1 | 123 | 173 | 207 | 168 | 25.00 | cps |
| Cadmium | 106-1 | 3154 | 3377 | 3274 | 3268 | 3.42 | cps |
| Cadmium | 111-1 | 3838 | 3959 | 3837 | 3878 | 1.81 | cps |
| Calcium | 43-1 | 4147780 | 4135933 | 4082874 | 4122196 | 0.84 | cps |
| Calcium | 44-1 | 66927617 | 65575667 | 64855799 | 65786361 | 1.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 259408 | 257546 | 258666 | 258540 | 0.36 | cps |
| Cobalt | 59-2 | 50826 | 50321 | 50301 | 50482 | 0.59 | cps |
| Copper | 63-2 | 102776 | 102743 | 102206 | 102575 | 0.31 | cps |
| Dysprosium | 156-1 | 23380 | 23790 | 23046 | 23405 | 1.59 | cps |
| Dysprosium | 156-2 | 19647 | 19744 | 19881 | 19757 | 0.59 | cps |
| Erbium | 164-1 | 19437 | 20024 | 19848 | 19770 | 1.52 | cps |
| Erbium | 164-2 | 14474 | 14628 | 13807 | 14303 | 3.05 | cps |
| Gadolinium | 160-1 | 22578 | 22845 | 23136 | 22853 | 1.22 | cps |
| Gadolinium | 160-2 | 17584 | 17441 | 17504 | 17510 | 0.41 | cps |
| Holmium | 165-1 | 14770813 | 14558222 | 14527321 | 14618785 | 0.91 | cps |
| Holmium | 165-2 | 10676042 | 10444427 | 10410838 | 10510436 | 1.37 | cps |
| Indium | 115-1 | 12179745 | 12132583 | 12054213 | 12122180 | 0.52 | cps |
| Indium | 115-2 | 4425472 | 4279903 | 4326614 | 4343996 | 1.71 | cps |
| Iron | 56-2 | 78769455 | 78112144 | 76376667 | 77752756 | 1.59 | cps |
| Iron | 57-2 | 2016408 | 1991221 | 1978301 | 1995310 | 0.97 | cps |
| Iron | 54-2 | 4288119 | 4189797 | 4182054 | 4219990 | 1.40 | cps |
| Krypton | 83-1 | 267 | 270 | 240 | 259 | 6.35 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2904 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:46:14 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 245058 | 244414 | 246193 | 245222 | 0.37 | cps |
| Lead | 207-1 | 201731 | 203034 | 203913 | 202892 | 0.54 | cps |
| Lead | 208-1 | 940402 | 942354 | 949697 | 944151 | 0.52 | cps |
| Lithium | 6-1 | 1692480 | 1698458 | 1694933 | 1695290 | 0.18 | cps |
| Magnesium | 24-2 | 11769126 | 11711023 | 11681484 | 11720544 | 0.38 | cps |
| Manganese | 55-2 | 2178651 | 2143642 | 2193555 | 2171949 | 1.18 | cps |
| Molybdenum | 94-1 | 18485 | 18812 | 18722 | 18673 | 0.90 | cps |
| Molybdenum | 95-1 | 14531 | 14267 | 14420 | 14406 | 0.92 | cps |
| Molybdenum | 96-1 | 17567 | 18035 | 18105 | 17902 | 1.63 | cps |
| Molybdenum | 97-1 | 8813 | 8956 | 8549 | 8773 | 2.35 | cps |
| Molybdenum | 98-1 | 22781 | 22998 | 23359 | 23046 | 1.27 | cps |
| Neodymium | 150-1 | 38068 | 39261 | 38807 | 38712 | 1.56 | cps |
| Neodymium | 150-2 | 23603 | 24084 | 23777 | 23821 | 1.02 | cps |
| Nickel | 60-2 | 68264 | 68562 | 67186 | 68004 | 1.06 | cps |
| Phosphorus | 31-2 | 8426 | 8209 | 8426 | 8353 | 1.50 | cps |
| Potassium | 39-2 | 491954 | 491691 | 489085 | 490910 | 0.32 | cps |
| Rhodium | 103-1 | 11312314 | 11044981 | 11175411 | 11177569 | 1.20 | cps |
| Rhodium | 103-2 | 6749754 | 6566287 | 6617219 | 6644420 | 1.43 | cps |
| Scandium | 45-1 | 6994121 | 6761881 | 6836646 | 6864216 | 1.73 | cps |
| Scandium | 45-2 | 571991 | 563383 | 557136 | 564170 | 1.32 | cps |
| Selenium | 82-1 | 333 | 271 | 302 | 302 | 10.36 | cps |
| Selenium | 77-2 | 97 | 83 | 103 | 94 | 10.79 | cps |
| Selenium | 78-2 | 560 | 477 | 540 | 526 | 8.28 | cps |
| Silicon | 28-1 | 12630390 | 12524974 | 12276572 | 12477312 | 1.46 | cps |
| Silver | 107-1 | 2130 | 1767 | 1510 | 1802 | 17.29 | cps |
| Silver | 109-1 | 1883 | 1620 | 1423 | 1642 | 14.06 | cps |
| Sodium | 23-2 | 123023 | 124307 | 123702 | 123677 | 0.52 | cps |
| Strontium | 86-1 | 461282 | 464672 | 462493 | 462816 | 0.37 | cps |
| Strontium | 88-1 | 4224079 | 4137017 | 4142251 | 4167782 | 1.17 | cps |
| Sulfur | 34-1 | 231128 | 231095 | 228929 | 230384 | 0.55 | cps |
| Terbium | 159-1 | 15106885 | 15021638 | 14984403 | 15037642 | 0.42 | cps |
| Terbium | 159-2 | 10526142 | 10401406 | 10116578 | 10348042 | 2.03 | cps |
| Thallium | 203-1 | 2804 | 2754 | 2487 | 2681 | 6.35 | cps |
| Thallium | 205-1 | 7259 | 6251 | 5868 | 6459 | 11.12 | cps |
| Tin | 118-1 | 8829 | 8646 | 8456 | 8644 | 2.16 | cps |
| Titanium | 47-1 | 144260 | 145525 | 143125 | 144303 | 0.83 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2904 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:46:14 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 26593 | 26867 | 26700 | 26720 | 0.52 | cps |
| Vanadium | 51-2 | 67349 | 67477 | 66425 | 67084 | 0.86 | cps |
| Yttrium | 89-1 | 15035041 | 14646760 | 14504981 | 14728927 | 1.86 | cps |
| Yttrium | 89-2 | 3858064 | 3843001 | 3806501 | 3835855 | 0.69 | cps |
| Zinc | 66-2 | 138737 | 137362 | 137843 | 137980 | 0.51 | cps |
| Zirconium | 90-1 | 29583 | 29657 | 30095 | 29778 | 0.93 | cps |
| Zirconium | 91-1 | 6552 | 6585 | 6395 | 6510 | 1.56 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2905 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:49:26 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1241088 | 1238459 | 1223777 | 1234441 | 0.76 | cps |
| Antimony | 121-1 | 5178 | 5181 | 4998 | 5119 | 2.05 | cps |
| Arsenic | 75-2 | 6228 | 6291 | 6168 | 6229 | 0.99 | cps |
| Barium | 135-1 | 112608 | 114287 | 114704 | 113866 | 0.97 | cps |
| Barium | 137-1 | 197873 | 197853 | 197408 | 197711 | 0.13 | cps |
| Beryllium | 9-1 | 703 | 720 | 653 | 692 | 5.01 | cps |
| Bismuth | 209-1 | 8682413 | 8601704 | 8673338 | 8652485 | 0.51 | cps |
| Bismuth | 209-2 | 7311276 | 7285220 | 7251317 | 7282604 | 0.41 | cps |
| Bromine | 81-1 | 28120 | 28898 | 28908 | 28642 | 1.58 | cps |
| Bromine | 81-2 | 2767 | 2817 | 2794 | 2793 | 0.90 | cps |
| Cadmium | 108-1 | 193 | 253 | 223 | 223 | 13.43 | cps |
| Cadmium | 106-1 | 3857 | 3444 | 3704 | 3668 | 5.70 | cps |
| Cadmium | 111-1 | 4708 | 4527 | 4740 | 4658 | 2.47 | cps |
| Calcium | 43-1 | 4206567 | 4197165 | 4216022 | 4206585 | 0.22 | cps |
| Calcium | 44-1 | 67248359 | 67712522 | 67292264 | 67417715 | 0.38 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 101193 | 100029 | 100790 | 100671 | 0.59 | cps |
| Cobalt | 59-2 | 56589 | 56319 | 55659 | 56189 | 0.85 | cps |
| Copper | 63-2 | 125480 | 122916 | 123369 | 123922 | 1.10 | cps |
| Dysprosium | 156-1 | 30770 | 30914 | 31569 | 31084 | 1.37 | cps |
| Dysprosium | 156-2 | 27200 | 27507 | 27494 | 27400 | 0.63 | cps |
| Erbium | 164-1 | 23670 | 23490 | 23733 | 23631 | 0.53 | cps |
| Erbium | 164-2 | 16733 | 16453 | 16687 | 16624 | 0.90 | cps |
| Gadolinium | 160-1 | 26822 | 27520 | 27120 | 27154 | 1.29 | cps |
| Gadolinium | 160-2 | 20802 | 21176 | 20926 | 20968 | 0.91 | cps |
| Holmium | 165-1 | 14701824 | 14700470 | 14740464 | 14714253 | 0.15 | cps |
| Holmium | 165-2 | 10524987 | 10378850 | 10328562 | 10410800 | 0.98 | cps |
| Indium | 115-1 | 11859280 | 11963713 | 11880911 | 11901301 | 0.46 | cps |
| Indium | 115-2 | 4297427 | 4241744 | 4269157 | 4269443 | 0.65 | cps |
| Iron | 56-2 | 90907295 | 91103205 | 90256059 | 90755520 | 0.49 | cps |
| Iron | 57-2 | 2329771 | 2311493 | 2270751 | 2304005 | 1.31 | cps |
| Iron | 54-2 | 4892911 | 4945107 | 4898708 | 4912242 | 0.58 | cps |
| Krypton | 83-1 | 270 | 210 | 237 | 239 | 12.59 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2905 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:49:26 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 300522 | 301634 | 304692 | 302283 | 0.71 | cps |
| Lead | 207-1 | 251944 | 249474 | 250744 | 250721 | 0.49 | cps |
| Lead | 208-1 | 1160759 | 1164526 | 1175292 | 1166859 | 0.65 | cps |
| Lithium | 6-1 | 1746800 | 1752264 | 1759292 | 1752785 | 0.36 | cps |
| Magnesium | 24-2 | 11430177 | 11303443 | 11359620 | 11364413 | 0.56 | cps |
| Manganese | 55-2 | 2746425 | 2717854 | 2696062 | 2720114 | 0.93 | cps |
| Molybdenum | 94-1 | 22484 | 21790 | 21726 | 22000 | 1.91 | cps |
| Molybdenum | 95-1 | 16226 | 16289 | 16226 | 16247 | 0.23 | cps |
| Molybdenum | 96-1 | 20571 | 20414 | 21102 | 20696 | 1.74 | cps |
| Molybdenum | 97-1 | 10397 | 9897 | 10160 | 10151 | 2.47 | cps |
| Molybdenum | 98-1 | 26147 | 26040 | 26364 | 26183 | 0.63 | cps |
| Neodymium | 150-1 | 55806 | 56506 | 56690 | 56334 | 0.83 | cps |
| Neodymium | 150-2 | 33714 | 34064 | 33129 | 33636 | 1.41 | cps |
| Nickel | 60-2 | 39104 | 38954 | 38419 | 38826 | 0.93 | cps |
| Phosphorus | 31-2 | 9013 | 8916 | 9026 | 8985 | 0.67 | cps |
| Potassium | 39-2 | 627688 | 625076 | 622786 | 625183 | 0.39 | cps |
| Rhodium | 103-1 | 10863776 | 10948097 | 10914201 | 10908691 | 0.39 | cps |
| Rhodium | 103-2 | 6571936 | 6493948 | 6462999 | 6509628 | 0.86 | cps |
| Scandium | 45-1 | 6619191 | 6629477 | 6686682 | 6645116 | 0.55 | cps |
| Scandium | 45-2 | 550381 | 546739 | 543503 | 546874 | 0.63 | cps |
| Selenium | 82-1 | 331 | 323 | 245 | 300 | 15.94 | cps |
| Selenium | 77-2 | 100 | 110 | 117 | 109 | 7.71 | cps |
| Selenium | 78-2 | 547 | 483 | 577 | 536 | 8.90 | cps |
| Silicon | 28-1 | 15464906 | 15461494 | 15672606 | 15533002 | 0.78 | cps |
| Silver | 107-1 | 1607 | 1667 | 1573 | 1616 | 2.93 | cps |
| Silver | 109-1 | 1570 | 1533 | 1447 | 1517 | 4.18 | cps |
| Sodium | 23-2 | 132343 | 131929 | 132880 | 132384 | 0.36 | cps |
| Strontium | 86-1 | 440283 | 444799 | 443155 | 442746 | 0.52 | cps |
| Strontium | 88-1 | 3948617 | 3996459 | 4024507 | 3989861 | 0.96 | cps |
| Sulfur | 34-1 | 231602 | 231612 | 231155 | 231456 | 0.11 | cps |
| Terbium | 159-1 | 15110377 | 15098304 | 15184754 | 15131145 | 0.31 | cps |
| Terbium | 159-2 | 10358426 | 10262006 | 10286698 | 10302376 | 0.49 | cps |
| Thallium | 203-1 | 2370 | 2464 | 2440 | 2425 | 2.00 | cps |
| Thallium | 205-1 | 5708 | 5888 | 5785 | 5794 | 1.56 | cps |
| Tin | 118-1 | 9637 | 9880 | 9680 | 9732 | 1.33 | cps |
| Titanium | 47-1 | 178455 | 187859 | 178995 | 181769 | 2.90 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2905 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:49:26 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 32413 | 32008 | 33315 | 32579 | 2.05 | cps |
| Vanadium | 51-2 | 83261 | 81860 | 82634 | 82585 | 0.85 | cps |
| Yttrium | 89-1 | 14614727 | 14405083 | 14485647 | 14501819 | 0.73 | cps |
| Yttrium | 89-2 | 3790427 | 3798888 | 3769919 | 3786411 | 0.39 | cps |
| Zinc | 66-2 | 162240 | 159360 | 158871 | 160157 | 1.14 | cps |
| Zirconium | 90-1 | 33819 | 33846 | 34053 | 33906 | 0.38 | cps |
| Zirconium | 91-1 | 7285 | 7802 | 7832 | 7640 | 4.02 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:52:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2571705 | 2521808 | 2493606 | 2529040 | 1.56 | cps |
| Antimony | 121-1 | 56457 | 57317 | 57705 | 57160 | 1.12 | cps |
| Arsenic | 75-2 | 14694 | 14767 | 14297 | 14586 | 1.74 | cps |
| Barium | 135-1 | 646140 | 651872 | 652276 | 650096 | 0.53 | cps |
| Barium | 137-1 | 1118925 | 1139648 | 1141227 | 1133267 | 1.10 | cps |
| Beryllium | 9-1 | 2357 | 2414 | 2164 | 2311 | 5.67 | cps |
| Bismuth | 209-1 | 8993156 | 8952344 | 8863165 | 8936222 | 0.74 | cps |
| Bismuth | 209-2 | 7517773 | 7496274 | 7514443 | 7509497 | 0.15 | cps |
| Bromine | 81-1 | 27546 | 28387 | 29105 | 28346 | 2.75 | cps |
| Bromine | 81-2 | 2817 | 2714 | 2577 | 2702 | 4.46 | cps |
| Cadmium | 108-1 | 2114 | 2300 | 2360 | 2258 | 5.70 | cps |
| Cadmium | 106-1 | 6678 | 6568 | 6788 | 6678 | 1.65 | cps |
| Cadmium | 111-1 | 29923 | 30407 | 30449 | 30260 | 0.97 | cps |
| Calcium | 43-1 | 3858655 | 3902502 | 3880267 | 3880475 | 0.56 | cps |
| Calcium | 44-1 | 61025707 | 62264939 | 61865452 | 61718700 | 1.02 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3857758 | 3823550 | 3820357 | 3833888 | 0.54 | cps |
| Cobalt | 59-2 | 139370 | 138054 | 138290 | 138571 | 0.51 | cps |
| Copper | 63-2 | 650023 | 647828 | 645774 | 647875 | 0.33 | cps |
| Dysprosium | 156-1 | 19924 | 20422 | 20415 | 20254 | 1.41 | cps |
| Dysprosium | 156-2 | 16854 | 16623 | 16583 | 16687 | 0.87 | cps |
| Erbium | 164-1 | 20769 | 20615 | 21003 | 20796 | 0.94 | cps |
| Erbium | 164-2 | 15105 | 14945 | 15108 | 15053 | 0.62 | cps |
| Gadolinium | 160-1 | 19864 | 19878 | 19804 | 19849 | 0.20 | cps |
| Gadolinium | 160-2 | 15155 | 15262 | 15182 | 15199 | 0.37 | cps |
| Holmium | 165-1 | 14945583 | 14864698 | 14795614 | 14868631 | 0.50 | cps |
| Holmium | 165-2 | 10660582 | 10473956 | 10468542 | 10534360 | 1.04 | cps |
| Indium | 115-1 | 12092037 | 11996019 | 11927478 | 12005178 | 0.69 | cps |
| Indium | 115-2 | 4286112 | 4283761 | 4229808 | 4266561 | 0.75 | cps |
| Iron | 56-2 | 1373616300 | 1368031820 | 1349126087 | 1363591402 | 0.94 | cps |
| Iron | 57-2 | 33864297 | 33677956 | 33697539 | 33746597 | 0.30 | cps |
| Iron | 54-2 | 74430394 | 73745444 | 74144864 | 74106901 | 0.46 | cps |
| Krypton | 83-1 | 257 | 267 | 240 | 254 | 5.30 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:52:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 12217245 | 12275233 | 12165482 | 12219320 | 0.45 | cps |
| Lead | 207-1 | 10326516 | 10352100 | 10431938 | 10370185 | 0.53 | cps |
| Lead | 208-1 | 47828077 | 47792206 | 48011917 | 47877400 | 0.25 | cps |
| Lithium | 6-1 | 1704951 | 1688805 | 1680180 | 1691312 | 0.74 | cps |
| Magnesium | 24-2 | 8426867 | 8298338 | 8260015 | 8328407 | 1.05 | cps |
| Manganese | 55-2 | 49051754 | 48770876 | 48174016 | 48665549 | 0.92 | cps |
| Molybdenum | 94-1 | 119777 | 121283 | 119506 | 120189 | 0.80 | cps |
| Molybdenum | 95-1 | 121681 | 122319 | 122246 | 122082 | 0.29 | cps |
| Molybdenum | 96-1 | 153887 | 155432 | 154642 | 154654 | 0.50 | cps |
| Molybdenum | 97-1 | 75685 | 75798 | 75929 | 75804 | 0.16 | cps |
| Molybdenum | 98-1 | 195446 | 195834 | 195300 | 195527 | 0.14 | cps |
| Neodymium | 150-1 | 30272 | 30914 | 30867 | 30684 | 1.17 | cps |
| Neodymium | 150-2 | 18225 | 18315 | 17965 | 18168 | 1.00 | cps |
| Nickel | 60-2 | 869044 | 869745 | 865196 | 867995 | 0.28 | cps |
| Phosphorus | 31-2 | 15561 | 14624 | 14767 | 14984 | 3.37 | cps |
| Potassium | 39-2 | 913207 | 905764 | 898691 | 905887 | 0.80 | cps |
| Rhodium | 103-1 | 10963712 | 10847512 | 10883707 | 10898310 | 0.55 | cps |
| Rhodium | 103-2 | 6602868 | 6486176 | 6466069 | 6518371 | 1.13 | cps |
| Scandium | 45-1 | 6609675 | 6471049 | 6524105 | 6534943 | 1.07 | cps |
| Scandium | 45-2 | 551151 | 547954 | 547022 | 548709 | 0.39 | cps |
| Selenium | 82-1 | 335 | 384 | 374 | 364 | 7.13 | cps |
| Selenium | 77-2 | 77 | 67 | 97 | 80 | 19.09 | cps |
| Selenium | 78-2 | 623 | 490 | 540 | 551 | 12.22 | cps |
| Silicon | 28-1 | 27307615 | 27547138 | 27483570 | 27446107 | 0.45 | cps |
| Silver | 107-1 | 80451 | 81715 | 82288 | 81485 | 1.15 | cps |
| Silver | 109-1 | 76534 | 78655 | 79252 | 78147 | 1.83 | cps |
| Sodium | 23-2 | 370772 | 372897 | 370967 | 371545 | 0.32 | cps |
| Strontium | 86-1 | 538484 | 547082 | 542357 | 542641 | 0.79 | cps |
| Strontium | 88-1 | 4812127 | 4846750 | 4900565 | 4853147 | 0.92 | cps |
| Sulfur | 34-1 | 247073 | 248814 | 251131 | 249006 | 0.82 | cps |
| Terbium | 159-1 | 15044470 | 15187344 | 15460099 | 15230638 | 1.39 | cps |
| Terbium | 159-2 | 10429534 | 10451672 | 10459521 | 10446909 | 0.15 | cps |
| Thallium | 203-1 | 22138 | 21631 | 22816 | 22195 | 2.68 | cps |
| Thallium | 205-1 | 52052 | 52484 | 52046 | 52194 | 0.48 | cps |
| Tin | 118-1 | 168479 | 171257 | 169515 | 169750 | 0.83 | cps |
| Titanium | 47-1 | 798551 | 803842 | 809018 | 803804 | 0.65 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:52:35 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 36279 | 35831 | 36734 | 36282 | 1.24 | cps |
| Vanadium | 51-2 | 368425 | 370589 | 365088 | 368034 | 0.75 | cps |
| Yttrium | 89-1 | 14585301 | 14459743 | 14440197 | 14495081 | 0.54 | cps |
| Yttrium | 89-2 | 3795660 | 3749672 | 3749460 | 3764931 | 0.71 | cps |
| Zinc | 66-2 | 3599490 | 3551903 | 3576213 | 3575869 | 0.67 | cps |
| Zirconium | 90-1 | 134489 | 136702 | 137409 | 136200 | 1.12 | cps |
| Zirconium | 91-1 | 30101 | 30973 | 30432 | 30502 | 1.44 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2907 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:55:40 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3801819 | 3753679 | 3770075 | 3775191 | 0.65 | cps |
| Antimony | 121-1 | 14374 | 14868 | 15158 | 14800 | 2.68 | cps |
| Arsenic | 75-2 | 11154 | 11211 | 11535 | 11300 | 1.82 | cps |
| Barium | 135-1 | 524860 | 527114 | 526437 | 526137 | 0.22 | cps |
| Barium | 137-1 | 909101 | 912065 | 913138 | 911435 | 0.23 | cps |
| Beryllium | 9-1 | 1770 | 1660 | 1810 | 1747 | 4.45 | cps |
| Bismuth | 209-1 | 8856276 | 8759708 | 8615585 | 8743856 | 1.39 | cps |
| Bismuth | 209-2 | 7336105 | 7305449 | 7295917 | 7312490 | 0.29 | cps |
| Bromine | 81-1 | 23829 | 24010 | 24040 | 23959 | 0.47 | cps |
| Bromine | 81-2 | 2060 | 1993 | 1923 | 1992 | 3.43 | cps |
| Cadmium | 108-1 | 427 | 347 | 350 | 374 | 12.09 | cps |
| Cadmium | 106-1 | 3947 | 3834 | 3801 | 3861 | 1.99 | cps |
| Cadmium | 111-1 | 6645 | 6812 | 6533 | 6663 | 2.11 | cps |
| Calcium | 43-1 | 3732503 | 3732841 | 3771474 | 3745606 | 0.60 | cps |
| Calcium | 44-1 | 58965571 | 59266774 | 59751869 | 59328071 | 0.67 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 549394 | 546049 | 541369 | 545604 | 0.74 | cps |
| Cobalt | 59-2 | 146786 | 146934 | 146251 | 146657 | 0.24 | cps |
| Copper | 63-2 | 293745 | 295094 | 291403 | 293414 | 0.64 | cps |
| Dysprosium | 156-1 | 61761 | 62635 | 61972 | 62123 | 0.73 | cps |
| Dysprosium | 156-2 | 48965 | 49524 | 49962 | 49483 | 1.01 | cps |
| Erbium | 164-1 | 53057 | 54174 | 54546 | 53926 | 1.44 | cps |
| Erbium | 164-2 | 37991 | 38623 | 37878 | 38164 | 1.05 | cps |
| Gadolinium | 160-1 | 60999 | 60821 | 60607 | 60809 | 0.32 | cps |
| Gadolinium | 160-2 | 45530 | 46092 | 45116 | 45579 | 1.08 | cps |
| Holmium | 165-1 | 15065222 | 14540112 | 14805851 | 14803728 | 1.77 | cps |
| Holmium | 165-2 | 10336950 | 10411486 | 10432989 | 10393808 | 0.48 | cps |
| Indium | 115-1 | 11931578 | 11783427 | 11660354 | 11791786 | 1.15 | cps |
| Indium | 115-2 | 4090872 | 4127959 | 4043800 | 4087544 | 1.03 | cps |
| Iron | 56-2 | 352839981 | 349935995 | 348996448 | 350590808 | 0.57 | cps |
| Iron | 57-2 | 8602512 | 8679090 | 8719480 | 8667027 | 0.69 | cps |
| Iron | 54-2 | 19022046 | 18991041 | 18811133 | 18941407 | 0.60 | cps |
| Krypton | 83-1 | 360 | 283 | 347 | 330 | 12.41 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2907 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:55:40 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2320479 | 2371340 | 2328992 | 2340270 | 1.16 | cps |
| Lead | 207-1 | 1965941 | 2003382 | 1987501 | 1985608 | 0.95 | cps |
| Lead | 208-1 | 9140940 | 9231163 | 9228039 | 9200048 | 0.56 | cps |
| Lithium | 6-1 | 1758971 | 1785810 | 1785102 | 1776628 | 0.86 | cps |
| Magnesium | 24-2 | 15678453 | 15557328 | 15484911 | 15573564 | 0.63 | cps |
| Manganese | 55-2 | 12807929 | 12735590 | 12562309 | 12701943 | 0.99 | cps |
| Molybdenum | 94-1 | 36589 | 37959 | 37297 | 37282 | 1.84 | cps |
| Molybdenum | 95-1 | 32068 | 32286 | 32058 | 32138 | 0.40 | cps |
| Molybdenum | 96-1 | 41148 | 41362 | 40325 | 40945 | 1.34 | cps |
| Molybdenum | 97-1 | 19493 | 20007 | 19583 | 19694 | 1.39 | cps |
| Molybdenum | 98-1 | 50758 | 50925 | 50527 | 50737 | 0.39 | cps |
| Neodymium | 150-1 | 94319 | 94443 | 94661 | 94475 | 0.18 | cps |
| Neodymium | 150-2 | 55823 | 56837 | 57045 | 56568 | 1.16 | cps |
| Nickel | 60-2 | 139784 | 139784 | 138872 | 139480 | 0.38 | cps |
| Phosphorus | 31-2 | 14160 | 14137 | 14127 | 14141 | 0.12 | cps |
| Potassium | 39-2 | 1530805 | 1529170 | 1521673 | 1527216 | 0.32 | cps |
| Rhodium | 103-1 | 10739522 | 10567546 | 10607759 | 10638276 | 0.85 | cps |
| Rhodium | 103-2 | 6270636 | 6265811 | 6238283 | 6258243 | 0.28 | cps |
| Scandium | 45-1 | 6443203 | 6315325 | 6325906 | 6361478 | 1.12 | cps |
| Scandium | 45-2 | 518260 | 509672 | 508397 | 512109 | 1.05 | cps |
| Selenium | 82-1 | 297 | 352 | 264 | 305 | 14.62 | cps |
| Selenium | 77-2 | 137 | 197 | 190 | 174 | 18.85 | cps |
| Selenium | 78-2 | 497 | 550 | 493 | 513 | 6.19 | cps |
| Silicon | 28-1 | 31506728 | 31722078 | 31249421 | 31492742 | 0.75 | cps |
| Silver | 107-1 | 11655 | 11828 | 11641 | 11708 | 0.89 | cps |
| Silver | 109-1 | 11098 | 10998 | 11134 | 11077 | 0.64 | cps |
| Sodium | 23-2 | 208110 | 209310 | 209383 | 208934 | 0.34 | cps |
| Strontium | 86-1 | 434941 | 439691 | 437573 | 437402 | 0.54 | cps |
| Strontium | 88-1 | 3940749 | 3972941 | 3933939 | 3949210 | 0.53 | cps |
| Sulfur | 34-1 | 257526 | 257515 | 255257 | 256766 | 0.51 | cps |
| Terbium | 159-1 | 15239150 | 14968780 | 15134506 | 15114145 | 0.90 | cps |
| Terbium | 159-2 | 10179312 | 10235662 | 10191385 | 10202120 | 0.29 | cps |
| Thallium | 203-1 | 6888 | 7102 | 7132 | 7041 | 1.89 | cps |
| Thallium | 205-1 | 16337 | 16360 | 16483 | 16393 | 0.48 | cps |
| Tin | 118-1 | 41964 | 41627 | 42957 | 42183 | 1.64 | cps |
| Titanium | 47-1 | 432968 | 436255 | 431729 | 433650 | 0.54 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2907 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:55:40 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 52483 | 53661 | 53534 | 53226 | 1.21 | cps |
| Vanadium | 51-2 | 220977 | 218717 | 217440 | 219045 | 0.82 | cps |
| Yttrium | 89-1 | 14735264 | 14538564 | 14276606 | 14516811 | 1.59 | cps |
| Yttrium | 89-2 | 3652153 | 3731104 | 3674634 | 3685964 | 1.10 | cps |
| Zinc | 66-2 | 401568 | 400431 | 400349 | 400782 | 0.17 | cps |
| Zirconium | 90-1 | 52889 | 52520 | 52366 | 52592 | 0.51 | cps |
| Zirconium | 91-1 | 11221 | 11608 | 11601 | 11477 | 1.93 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2908 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:58:46 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3855038 | 3886972 | 3856195 | 3866068 | 0.47 | cps |
| Antimony | 121-1 | 7415 | 7532 | 7762 | 7570 | 2.33 | cps |
| Arsenic | 75-2 | 10977 | 11134 | 11007 | 11040 | 0.75 | cps |
| Barium | 135-1 | 494659 | 498756 | 494906 | 496107 | 0.46 | cps |
| Barium | 137-1 | 855168 | 857674 | 861432 | 858091 | 0.37 | cps |
| Beryllium | 9-1 | 1533 | 1597 | 1603 | 1578 | 2.45 | cps |
| Bismuth | 209-1 | 8933280 | 8818440 | 8811072 | 8854264 | 0.77 | cps |
| Bismuth | 209-2 | 7505098 | 7394587 | 7307655 | 7402447 | 1.34 | cps |
| Bromine | 81-1 | 18572 | 18792 | 19026 | 18797 | 1.21 | cps |
| Bromine | 81-2 | 1013 | 1040 | 933 | 996 | 5.58 | cps |
| Cadmium | 108-1 | 207 | 220 | 277 | 234 | 15.85 | cps |
| Cadmium | 106-1 | 3891 | 3804 | 3674 | 3789 | 2.88 | cps |
| Cadmium | 111-1 | 4662 | 4462 | 4378 | 4501 | 3.24 | cps |
| Calcium | 43-1 | 2280799 | 2245246 | 2249730 | 2258592 | 0.86 | cps |
| Calcium | 44-1 | 36072897 | 35975680 | 35882500 | 35977026 | 0.26 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 358762 | 357590 | 355840 | 357398 | 0.41 | cps |
| Cobalt | 59-2 | 152741 | 150458 | 152479 | 151893 | 0.82 | cps |
| Copper | 63-2 | 313390 | 318803 | 311067 | 314420 | 1.26 | cps |
| Dysprosium | 156-1 | 57996 | 58294 | 57480 | 57923 | 0.71 | cps |
| Dysprosium | 156-2 | 45714 | 45634 | 46343 | 45897 | 0.85 | cps |
| Erbium | 164-1 | 49855 | 49969 | 49641 | 49822 | 0.33 | cps |
| Erbium | 164-2 | 35168 | 35034 | 34673 | 34958 | 0.73 | cps |
| Gadolinium | 160-1 | 56068 | 57260 | 56995 | 56774 | 1.10 | cps |
| Gadolinium | 160-2 | 43213 | 43420 | 42468 | 43034 | 1.16 | cps |
| Holmium | 165-1 | 14842223 | 14715492 | 14750491 | 14769402 | 0.44 | cps |
| Holmium | 165-2 | 10441682 | 10453577 | 10278674 | 10391311 | 0.94 | cps |
| Indium | 115-1 | 11681882 | 11704349 | 11766870 | 11717701 | 0.38 | cps |
| Indium | 115-2 | 4188392 | 4160532 | 4119553 | 4156159 | 0.83 | cps |
| Iron | 56-2 | 323383809 | 321905422 | 320591595 | 321960275 | 0.43 | cps |
| Iron | 57-2 | 8014944 | 7975566 | 7931941 | 7974150 | 0.52 | cps |
| Iron | 54-2 | 17268717 | 17298383 | 17279077 | 17282059 | 0.09 | cps |
| Krypton | 83-1 | 290 | 243 | 270 | 268 | 8.74 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2908 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:58:46 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1054231 | 1071202 | 1066862 | 1064098 | 0.83 | cps |
| Lead | 207-1 | 879290 | 875491 | 875654 | 876811 | 0.24 | cps |
| Lead | 208-1 | 4271155 | 4327808 | 4332780 | 4310581 | 0.79 | cps |
| Lithium | 6-1 | 1791563 | 1807870 | 1767231 | 1788888 | 1.14 | cps |
| Magnesium | 24-2 | 10946302 | 10986603 | 11136356 | 11023087 | 0.91 | cps |
| Manganese | 55-2 | 5502677 | 5541942 | 5485389 | 5510003 | 0.53 | cps |
| Molybdenum | 94-1 | 49570 | 50323 | 50326 | 50073 | 0.87 | cps |
| Molybdenum | 95-1 | 45514 | 45290 | 45377 | 45393 | 0.25 | cps |
| Molybdenum | 96-1 | 55401 | 57148 | 56753 | 56434 | 1.62 | cps |
| Molybdenum | 97-1 | 28608 | 27923 | 28251 | 28261 | 1.21 | cps |
| Molybdenum | 98-1 | 72184 | 71129 | 73966 | 72426 | 1.98 | cps |
| Neodymium | 150-1 | 87687 | 89092 | 88287 | 88355 | 0.80 | cps |
| Neodymium | 150-2 | 52307 | 52849 | 51825 | 52327 | 0.98 | cps |
| Nickel | 60-2 | 131998 | 129715 | 129816 | 130509 | 0.99 | cps |
| Phosphorus | 31-2 | 10150 | 10013 | 10560 | 10241 | 2.78 | cps |
| Potassium | 39-2 | 1064555 | 1070916 | 1061494 | 1065655 | 0.45 | cps |
| Rhodium | 103-1 | 10681536 | 10578126 | 10775876 | 10678513 | 0.93 | cps |
| Rhodium | 103-2 | 6453735 | 6348623 | 6374239 | 6392199 | 0.86 | cps |
| Scandium | 45-1 | 6393873 | 6289525 | 6301465 | 6328288 | 0.90 | cps |
| Scandium | 45-2 | 519787 | 518160 | 516317 | 518088 | 0.34 | cps |
| Selenium | 82-1 | 332 | 302 | 308 | 314 | 5.07 | cps |
| Selenium | 77-2 | 137 | 157 | 163 | 152 | 9.12 | cps |
| Selenium | 78-2 | 520 | 613 | 500 | 544 | 11.11 | cps |
| Silicon | 28-1 | 25833895 | 25954084 | 25909991 | 25899324 | 0.23 | cps |
| Silver | 107-1 | 3060 | 3157 | 3164 | 3127 | 1.85 | cps |
| Silver | 109-1 | 2867 | 2897 | 3124 | 2963 | 4.74 | cps |
| Sodium | 23-2 | 156074 | 157967 | 155742 | 156594 | 0.77 | cps |
| Strontium | 86-1 | 361180 | 362698 | 361512 | 361797 | 0.22 | cps |
| Strontium | 88-1 | 3232559 | 3312106 | 3220582 | 3255082 | 1.53 | cps |
| Sulfur | 34-1 | 240416 | 239585 | 238966 | 239656 | 0.30 | cps |
| Terbium | 159-1 | 15251787 | 15142299 | 15081949 | 15158678 | 0.57 | cps |
| Terbium | 159-2 | 10322693 | 10320665 | 10220021 | 10287793 | 0.57 | cps |
| Thallium | 203-1 | 4067 | 4037 | 4261 | 4122 | 2.94 | cps |
| Thallium | 205-1 | 9780 | 10161 | 10124 | 10022 | 2.09 | cps |
| Tin | 118-1 | 22948 | 23065 | 23219 | 23077 | 0.59 | cps |
| Titanium | 47-1 | 273645 | 274647 | 273265 | 273853 | 0.26 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2908 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 18:58:46 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 63018 | 62703 | 63722 | 63148 | 0.83 | cps |
| Vanadium | 51-2 | 235648 | 235289 | 234080 | 235005 | 0.35 | cps |
| Yttrium | 89-1 | 14568429 | 14440344 | 14250915 | 14419896 | 1.11 | cps |
| Yttrium | 89-2 | 3734690 | 3680503 | 3692468 | 3702554 | 0.77 | cps |
| Zinc | 66-2 | 154688 | 154708 | 154849 | 154748 | 0.06 | cps |
| Zirconium | 90-1 | 65840 | 66557 | 67644 | 66680 | 1.36 | cps |
| Zirconium | 91-1 | 14551 | 15248 | 14440 | 14747 | 2.97 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2909 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:01:56 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4201003 | 4159359 | 4196618 | 4185660 | 0.55 | cps |
| Antimony | 121-1 | 11591 | 11141 | 11181 | 11305 | 2.20 | cps |
| Arsenic | 75-2 | 10931 | 10891 | 10380 | 10734 | 2.86 | cps |
| Barium | 135-1 | 705183 | 701584 | 709387 | 705385 | 0.55 | cps |
| Barium | 137-1 | 1212783 | 1226230 | 1223290 | 1220767 | 0.58 | cps |
| Beryllium | 9-1 | 1817 | 1793 | 2030 | 1880 | 6.94 | cps |
| Bismuth | 209-1 | 9072055 | 8882832 | 8984082 | 8979656 | 1.05 | cps |
| Bismuth | 209-2 | 7463308 | 7432839 | 7375814 | 7423987 | 0.60 | cps |
| Bromine | 81-1 | 19143 | 19536 | 20047 | 19575 | 2.32 | cps |
| Bromine | 81-2 | 1137 | 1193 | 1097 | 1142 | 4.25 | cps |
| Cadmium | 108-1 | 293 | 373 | 303 | 323 | 13.48 | cps |
| Cadmium | 106-1 | 3977 | 3851 | 3824 | 3884 | 2.11 | cps |
| Cadmium | 111-1 | 5652 | 5471 | 5595 | 5573 | 1.66 | cps |
| Calcium | 43-1 | 2012273 | 2034197 | 2075004 | 2040491 | 1.56 | cps |
| Calcium | 44-1 | 32312329 | 32556697 | 32851413 | 32573480 | 0.83 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 520375 | 521483 | 519787 | 520548 | 0.17 | cps |
| Cobalt | 59-2 | 158510 | 159527 | 158049 | 158695 | 0.48 | cps |
| Copper | 63-2 | 465291 | 463475 | 462626 | 463797 | 0.29 | cps |
| Dysprosium | 156-1 | 61594 | 61480 | 61969 | 61681 | 0.41 | cps |
| Dysprosium | 156-2 | 48617 | 48677 | 48356 | 48550 | 0.35 | cps |
| Erbium | 164-1 | 52341 | 52742 | 53241 | 52775 | 0.85 | cps |
| Erbium | 164-2 | 37056 | 37483 | 37330 | 37290 | 0.58 | cps |
| Gadolinium | 160-1 | 60068 | 60908 | 61544 | 60840 | 1.22 | cps |
| Gadolinium | 160-2 | 44607 | 45637 | 45022 | 45089 | 1.15 | cps |
| Holmium | 165-1 | 15170183 | 14829107 | 15004411 | 15001234 | 1.14 | cps |
| Holmium | 165-2 | 10455502 | 10288701 | 10427556 | 10390587 | 0.86 | cps |
| Indium | 115-1 | 12110291 | 11905429 | 11914566 | 11976762 | 0.97 | cps |
| Indium | 115-2 | 4253645 | 4136531 | 4150330 | 4180168 | 1.53 | cps |
| Iron | 56-2 | 385595568 | 383625781 | 385650061 | 384957136 | 0.30 | cps |
| Iron | 57-2 | 9469527 | 9499750 | 9494399 | 9487892 | 0.17 | cps |
| Iron | 54-2 | 20709837 | 20668716 | 20789903 | 20722819 | 0.30 | cps |
| Krypton | 83-1 | 293 | 313 | 307 | 304 | 3.34 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2909 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:01:56 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1204306 | 1208383 | 1211102 | 1207931 | 0.28 | cps |
| Lead | 207-1 | 993353 | 996833 | 1003715 | 997967 | 0.53 | cps |
| Lead | 208-1 | 4843918 | 4881650 | 4897466 | 4874344 | 0.56 | cps |
| Lithium | 6-1 | 1834665 | 1802309 | 1823651 | 1820209 | 0.90 | cps |
| Magnesium | 24-2 | 10888484 | 10898400 | 10856420 | 10881102 | 0.20 | cps |
| Manganese | 55-2 | 7240713 | 7224416 | 7281975 | 7249035 | 0.41 | cps |
| Molybdenum | 94-1 | 53102 | 52965 | 52972 | 53013 | 0.15 | cps |
| Molybdenum | 95-1 | 55913 | 55926 | 56719 | 56186 | 0.82 | cps |
| Molybdenum | 96-1 | 67816 | 68463 | 68184 | 68154 | 0.48 | cps |
| Molybdenum | 97-1 | 35259 | 35222 | 35376 | 35286 | 0.23 | cps |
| Molybdenum | 98-1 | 90984 | 91679 | 92209 | 91624 | 0.67 | cps |
| Neodymium | 150-1 | 93369 | 94259 | 94081 | 93903 | 0.50 | cps |
| Neodymium | 150-2 | 55191 | 55723 | 55863 | 55592 | 0.64 | cps |
| Nickel | 60-2 | 195088 | 194713 | 195527 | 195110 | 0.21 | cps |
| Phosphorus | 31-2 | 12505 | 12345 | 13052 | 12634 | 2.94 | cps |
| Potassium | 39-2 | 1231689 | 1221069 | 1241238 | 1231332 | 0.82 | cps |
| Rhodium | 103-1 | 10868197 | 10717486 | 10763594 | 10783093 | 0.72 | cps |
| Rhodium | 103-2 | 6411399 | 6417207 | 6350728 | 6393111 | 0.58 | cps |
| Scandium | 45-1 | 6527385 | 6317946 | 6430870 | 6425400 | 1.63 | cps |
| Scandium | 45-2 | 529472 | 518927 | 526803 | 525067 | 1.04 | cps |
| Selenium | 82-1 | 297 | 274 | 240 | 270 | 10.53 | cps |
| Selenium | 77-2 | 177 | 177 | 223 | 192 | 14.02 | cps |
| Selenium | 78-2 | 537 | 580 | 553 | 557 | 3.93 | cps |
| Silicon | 28-1 | 28389172 | 28271732 | 28290784 | 28317229 | 0.22 | cps |
| Silver | 107-1 | 4951 | 5118 | 4821 | 4963 | 3.00 | cps |
| Silver | 109-1 | 4674 | 4494 | 4871 | 4680 | 4.03 | cps |
| Sodium | 23-2 | 151699 | 152254 | 152745 | 152233 | 0.34 | cps |
| Strontium | 86-1 | 334338 | 339062 | 336076 | 336492 | 0.71 | cps |
| Strontium | 88-1 | 3012337 | 3042314 | 3003664 | 3019438 | 0.67 | cps |
| Sulfur | 34-1 | 242372 | 240551 | 242231 | 241718 | 0.42 | cps |
| Terbium | 159-1 | 15474632 | 15170933 | 15326858 | 15324141 | 0.99 | cps |
| Terbium | 159-2 | 10246665 | 10322918 | 10254345 | 10274643 | 0.41 | cps |
| Thallium | 203-1 | 4978 | 4984 | 5171 | 5044 | 2.18 | cps |
| Thallium | 205-1 | 12005 | 12095 | 12119 | 12073 | 0.50 | cps |
| Tin | 118-1 | 40918 | 41199 | 41249 | 41122 | 0.43 | cps |
| Titanium | 47-1 | 326568 | 323466 | 324132 | 324722 | 0.50 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2909 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:01:56 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 58458 | 57611 | 57989 | 58019 | 0.73 | cps |
| Vanadium | 51-2 | 257985 | 257219 | 256220 | 257141 | 0.34 | cps |
| Yttrium | 89-1 | 14824076 | 14634501 | 14619585 | 14692721 | 0.78 | cps |
| Yttrium | 89-2 | 3757660 | 3722692 | 3733875 | 3738076 | 0.48 | cps |
| Zinc | 66-2 | 269631 | 270234 | 270023 | 269963 | 0.11 | cps |
| Zirconium | 90-1 | 56177 | 56511 | 56920 | 56536 | 0.66 | cps |
| Zirconium | 91-1 | 12572 | 12435 | 12525 | 12511 | 0.56 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2910 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:05:03 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2993304 | 2967349 | 2942033 | 2967562 | 0.86 | cps |
| Antimony | 121-1 | 52027 | 51361 | 52756 | 52048 | 1.34 | cps |
| Arsenic | 75-2 | 18949 | 18755 | 18949 | 18884 | 0.59 | cps |
| Barium | 135-1 | 491182 | 499614 | 496043 | 495613 | 0.85 | cps |
| Barium | 137-1 | 852966 | 864616 | 862120 | 859901 | 0.71 | cps |
| Beryllium | 9-1 | 1140 | 1117 | 1140 | 1132 | 1.19 | cps |
| Bismuth | 209-1 | 8631818 | 8712070 | 8712652 | 8685513 | 0.54 | cps |
| Bismuth | 209-2 | 7359685 | 7243471 | 7324388 | 7309181 | 0.82 | cps |
| Bromine | 81-1 | 16079 | 16980 | 17270 | 16776 | 3.70 | cps |
| Bromine | 81-2 | 613 | 707 | 647 | 656 | 7.22 | cps |
| Cadmium | 108-1 | 1193 | 1000 | 1180 | 1125 | 9.60 | cps |
| Cadmium | 106-1 | 5444 | 4958 | 5084 | 5162 | 4.89 | cps |
| Cadmium | 111-1 | 16809 | 16584 | 16997 | 16796 | 1.23 | cps |
| Calcium | 43-1 | 5087531 | 5028069 | 4981386 | 5032329 | 1.06 | cps |
| Calcium | 44-1 | 79447164 | 80078992 | 80609597 | 80045251 | 0.73 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 122042 | 120369 | 120188 | 120866 | 0.85 | cps |
| Cobalt | 59-2 | 141722 | 138566 | 141106 | 140465 | 1.19 | cps |
| Copper | 63-2 | 274959 | 272455 | 274301 | 273905 | 0.47 | cps |
| Dysprosium | 156-1 | 58330 | 58414 | 58197 | 58314 | 0.19 | cps |
| Dysprosium | 156-2 | 46169 | 46520 | 46109 | 46266 | 0.48 | cps |
| Erbium | 164-1 | 50712 | 50845 | 50488 | 50681 | 0.36 | cps |
| Erbium | 164-2 | 35572 | 35148 | 35194 | 35305 | 0.66 | cps |
| Gadolinium | 160-1 | 57906 | 57922 | 59067 | 58298 | 1.14 | cps |
| Gadolinium | 160-2 | 43450 | 43929 | 42839 | 43406 | 1.26 | cps |
| Holmium | 165-1 | 14668521 | 14787436 | 14722011 | 14725990 | 0.40 | cps |
| Holmium | 165-2 | 10346786 | 10314493 | 10462060 | 10374447 | 0.75 | cps |
| Indium | 115-1 | 11694433 | 11677002 | 11614722 | 11662052 | 0.36 | cps |
| Indium | 115-2 | 4094146 | 4135393 | 4108128 | 4112556 | 0.51 | cps |
| Iron | 56-2 | 183130604 | 181344071 | 181349931 | 181941535 | 0.57 | cps |
| Iron | 57-2 | 4576264 | 4506877 | 4471824 | 4518321 | 1.18 | cps |
| Iron | 54-2 | 9785473 | 9813282 | 9732151 | 9776969 | 0.42 | cps |
| Krypton | 83-1 | 293 | 320 | 307 | 307 | 4.35 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2910 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:05:03 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 239717 | 238543 | 240230 | 239497 | 0.36 | cps |
| Lead | 207-1 | 185508 | 187758 | 187681 | 186982 | 0.68 | cps |
| Lead | 208-1 | 884196 | 892059 | 895785 | 890680 | 0.66 | cps |
| Lithium | 6-1 | 1727965 | 1748278 | 1746168 | 1740804 | 0.64 | cps |
| Magnesium | 24-2 | 20430176 | 20184528 | 20378267 | 20330990 | 0.64 | cps |
| Manganese | 55-2 | 2685646 | 2653950 | 2610831 | 2650142 | 1.42 | cps |
| Molybdenum | 94-1 | 213219 | 214944 | 216347 | 214837 | 0.73 | cps |
| Molybdenum | 95-1 | 212037 | 212646 | 214077 | 212920 | 0.49 | cps |
| Molybdenum | 96-1 | 243356 | 246290 | 247853 | 245833 | 0.93 | cps |
| Molybdenum | 97-1 | 132433 | 134351 | 133520 | 133435 | 0.72 | cps |
| Molybdenum | 98-1 | 340307 | 343301 | 345648 | 343085 | 0.78 | cps |
| Neodymium | 150-1 | 89958 | 90907 | 90246 | 90370 | 0.54 | cps |
| Neodymium | 150-2 | 53742 | 52614 | 52939 | 53098 | 1.09 | cps |
| Nickel | 60-2 | 143913 | 140904 | 139461 | 141426 | 1.61 | cps |
| Phosphorus | 31-2 | 9863 | 9426 | 9243 | 9511 | 3.35 | cps |
| Potassium | 39-2 | 1278781 | 1263684 | 1243718 | 1262061 | 1.39 | cps |
| Rhodium | 103-1 | 10511911 | 10505893 | 10509156 | 10508987 | 0.03 | cps |
| Rhodium | 103-2 | 6284829 | 6313866 | 6304006 | 6300901 | 0.23 | cps |
| Scandium | 45-1 | 6408602 | 6375893 | 6393004 | 6392500 | 0.26 | cps |
| Scandium | 45-2 | 522576 | 518829 | 518818 | 520074 | 0.42 | cps |
| Selenium | 82-1 | 1033 | 1117 | 1088 | 1079 | 3.98 | cps |
| Selenium | 77-2 | 217 | 217 | 223 | 219 | 1.76 | cps |
| Selenium | 78-2 | 783 | 840 | 867 | 830 | 5.13 | cps |
| Silicon | 28-1 | 21839334 | 22093521 | 21931420 | 21954758 | 0.59 | cps |
| Silver | 107-1 | 4998 | 5538 | 5224 | 5253 | 5.16 | cps |
| Silver | 109-1 | 4737 | 5054 | 5064 | 4952 | 3.75 | cps |
| Sodium | 23-2 | 244795 | 246255 | 243935 | 244995 | 0.48 | cps |
| Strontium | 86-1 | 1148003 | 1159422 | 1158919 | 1155448 | 0.56 | cps |
| Strontium | 88-1 | 10339774 | 10386526 | 10364668 | 10363656 | 0.23 | cps |
| Sulfur | 34-1 | 746588 | 752024 | 747337 | 748649 | 0.39 | cps |
| Terbium | 159-1 | 14954190 | 15169712 | 15284891 | 15136264 | 1.11 | cps |
| Terbium | 159-2 | 10404429 | 10253143 | 10363627 | 10340400 | 0.76 | cps |
| Thallium | 203-1 | 10491 | 10541 | 10517 | 10516 | 0.24 | cps |
| Thallium | 205-1 | 24576 | 24352 | 25023 | 24650 | 1.39 | cps |
| Tin | 118-1 | 8409 | 8209 | 8489 | 8369 | 1.72 | cps |
| Titanium | 47-1 | 288017 | 293331 | 294264 | 291871 | 1.15 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2910 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:05:03 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 278240 | 279397 | 279141 | 278926 | 0.22 | cps |
| Vanadium | 51-2 | 233397 | 230720 | 229802 | 231306 | 0.81 | cps |
| Yttrium | 89-1 | 14395399 | 14404251 | 14383466 | 14394372 | 0.07 | cps |
| Yttrium | 89-2 | 3754514 | 3664853 | 3655577 | 3691648 | 1.48 | cps |
| Zinc | 66-2 | 229405 | 227480 | 226992 | 227959 | 0.56 | cps |
| Zirconium | 90-1 | 250813 | 254821 | 255718 | 253784 | 1.03 | cps |
| Zirconium | 91-1 | 55996 | 56083 | 56609 | 56229 | 0.59 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2911 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:08:14 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4936293 | 4994238 | 4976181 | 4968904 | 0.60 | cps |
| Antimony | 121-1 | 26965 | 26575 | 27109 | 26883 | 1.03 | cps |
| Arsenic | 75-2 | 15138 | 14474 | 14687 | 14766 | 2.30 | cps |
| Barium | 135-1 | 729491 | 735210 | 742240 | 735647 | 0.87 | cps |
| Barium | 137-1 | 1271284 | 1274770 | 1278519 | 1274858 | 0.28 | cps |
| Beryllium | 9-1 | 3520 | 3430 | 3414 | 3455 | 1.66 | cps |
| Bismuth | 209-1 | 8814111 | 8768012 | 8656273 | 8746132 | 0.93 | cps |
| Bismuth | 209-2 | 7417917 | 7358665 | 7358540 | 7378374 | 0.46 | cps |
| Bromine | 81-1 | 18438 | 18989 | 19143 | 18857 | 1.96 | cps |
| Bromine | 81-2 | 973 | 1057 | 1037 | 1022 | 4.26 | cps |
| Cadmium | 108-1 | 357 | 387 | 443 | 396 | 11.13 | cps |
| Cadmium | 106-1 | 4157 | 3954 | 4354 | 4155 | 4.82 | cps |
| Cadmium | 111-1 | 6554 | 6571 | 6525 | 6550 | 0.36 | cps |
| Calcium | 43-1 | 3268558 | 3324656 | 3311743 | 3301652 | 0.89 | cps |
| Calcium | 44-1 | 51842626 | 52684313 | 52566664 | 52364534 | 0.87 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 589806 | 586085 | 584729 | 586873 | 0.45 | cps |
| Cobalt | 59-2 | 180251 | 181037 | 179108 | 180132 | 0.54 | cps |
| Copper | 63-2 | 607981 | 615211 | 609868 | 611020 | 0.61 | cps |
| Dysprosium | 156-1 | 74979 | 75223 | 76752 | 75651 | 1.27 | cps |
| Dysprosium | 156-2 | 60771 | 60633 | 60911 | 60772 | 0.23 | cps |
| Erbium | 164-1 | 68316 | 68530 | 70299 | 69048 | 1.58 | cps |
| Erbium | 164-2 | 48765 | 49711 | 49303 | 49260 | 0.96 | cps |
| Gadolinium | 160-1 | 73796 | 74125 | 74366 | 74096 | 0.39 | cps |
| Gadolinium | 160-2 | 54924 | 55921 | 55513 | 55452 | 0.90 | cps |
| Holmium | 165-1 | 14909496 | 14928959 | 15089737 | 14976064 | 0.66 | cps |
| Holmium | 165-2 | 10601506 | 10422257 | 10556136 | 10526633 | 0.89 | cps |
| Indium | 115-1 | 11803268 | 11796843 | 12047817 | 11882642 | 1.20 | cps |
| Indium | 115-2 | 4271711 | 4221754 | 4186262 | 4226576 | 1.02 | cps |
| Iron | 56-2 | 894353720 | 888378893 | 890828093 | 891186902 | 0.34 | cps |
| Iron | 57-2 | 21778727 | 21841887 | 21976720 | 21865778 | 0.46 | cps |
| Iron | 54-2 | 48024471 | 47374496 | 47668278 | 47689082 | 0.68 | cps |
| Krypton | 83-1 | 260 | 357 | 357 | 324 | 17.20 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2911 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:08:14 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1401968 | 1418382 | 1406278 | 1408876 | 0.60 | cps |
| Lead | 207-1 | 1158324 | 1175144 | 1178282 | 1170583 | 0.92 | cps |
| Lead | 208-1 | 5670602 | 5701350 | 5724803 | 5698918 | 0.48 | cps |
| Lithium | 6-1 | 1752178 | 1745386 | 1741668 | 1746411 | 0.31 | cps |
| Magnesium | 24-2 | 15987524 | 15860192 | 15829351 | 15892356 | 0.53 | cps |
| Manganese | 55-2 | 13027904 | 12937069 | 13049216 | 13004730 | 0.46 | cps |
| Molybdenum | 94-1 | 60936 | 61535 | 61532 | 61334 | 0.56 | cps |
| Molybdenum | 95-1 | 61974 | 62362 | 62606 | 62314 | 0.51 | cps |
| Molybdenum | 96-1 | 81003 | 82793 | 81713 | 81836 | 1.10 | cps |
| Molybdenum | 97-1 | 39196 | 38945 | 39192 | 39111 | 0.37 | cps |
| Molybdenum | 98-1 | 99764 | 100432 | 101412 | 100536 | 0.82 | cps |
| Neodymium | 150-1 | 113935 | 114578 | 115686 | 114733 | 0.77 | cps |
| Neodymium | 150-2 | 69088 | 67564 | 67648 | 68100 | 1.26 | cps |
| Nickel | 60-2 | 174505 | 175267 | 174593 | 174789 | 0.24 | cps |
| Phosphorus | 31-2 | 13930 | 13780 | 13780 | 13830 | 0.63 | cps |
| Potassium | 39-2 | 1394124 | 1405749 | 1366617 | 1388830 | 1.45 | cps |
| Rhodium | 103-1 | 10786052 | 10883497 | 10834055 | 10834534 | 0.45 | cps |
| Rhodium | 103-2 | 6509598 | 6454244 | 6457999 | 6473947 | 0.48 | cps |
| Scandium | 45-1 | 6462962 | 6543697 | 6510428 | 6505696 | 0.62 | cps |
| Scandium | 45-2 | 536039 | 538529 | 537523 | 537364 | 0.23 | cps |
| Selenium | 82-1 | 419 | 396 | 369 | 395 | 6.31 | cps |
| Selenium | 77-2 | 203 | 213 | 230 | 216 | 6.25 | cps |
| Selenium | 78-2 | 597 | 527 | 520 | 548 | 7.75 | cps |
| Silicon | 28-1 | 51600268 | 51830974 | 51976761 | 51802668 | 0.37 | cps |
| Silver | 107-1 | 6045 | 6391 | 6288 | 6241 | 2.85 | cps |
| Silver | 109-1 | 5681 | 5915 | 6138 | 5911 | 3.86 | cps |
| Sodium | 23-2 | 324980 | 321229 | 323963 | 323391 | 0.60 | cps |
| Strontium | 86-1 | 573716 | 581381 | 584001 | 579699 | 0.92 | cps |
| Strontium | 88-1 | 5176010 | 5188105 | 5222460 | 5195525 | 0.46 | cps |
| Sulfur | 34-1 | 280436 | 283417 | 284211 | 282688 | 0.70 | cps |
| Terbium | 159-1 | 15320417 | 15295650 | 15412236 | 15342768 | 0.40 | cps |
| Terbium | 159-2 | 10367758 | 10264597 | 10361524 | 10331293 | 0.56 | cps |
| Thallium | 203-1 | 6612 | 6181 | 6462 | 6418 | 3.40 | cps |
| Thallium | 205-1 | 14621 | 15172 | 14618 | 14804 | 2.15 | cps |
| Tin | 118-1 | 58910 | 58508 | 58692 | 58703 | 0.34 | cps |
| Titanium | 47-1 | 473267 | 475035 | 475566 | 474622 | 0.25 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2911 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:08:14 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 95211 | 93942 | 95896 | 95016 | 1.04 | cps |
| Vanadium | 51-2 | 266620 | 266195 | 264927 | 265914 | 0.33 | cps |
| Yttrium | 89-1 | 14987977 | 15191377 | 14973990 | 15051115 | 0.81 | cps |
| Yttrium | 89-2 | 3913344 | 3934048 | 3874839 | 3907410 | 0.77 | cps |
| Zinc | 66-2 | 621236 | 620966 | 614594 | 618932 | 0.61 | cps |
| Zirconium | 90-1 | 68797 | 70143 | 69925 | 69622 | 1.04 | cps |
| Zirconium | 91-1 | 15725 | 15702 | 15305 | 15577 | 1.52 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2912 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:11:21 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3139535 | 3083633 | 3075870 | 3099679 | 1.12 | cps |
| Antimony | 121-1 | 21186 | 21393 | 22010 | 21530 | 1.99 | cps |
| Arsenic | 75-2 | 9643 | 9510 | 9653 | 9602 | 0.83 | cps |
| Barium | 135-1 | 1364079 | 1376066 | 1379386 | 1373177 | 0.59 | cps |
| Barium | 137-1 | 2513575 | 2501986 | 2473611 | 2496391 | 0.82 | cps |
| Beryllium | 9-1 | 3210 | 3144 | 3110 | 3155 | 1.61 | cps |
| Bismuth | 209-1 | 8864351 | 8792778 | 8801936 | 8819688 | 0.44 | cps |
| Bismuth | 209-2 | 7477834 | 7433734 | 7398666 | 7436745 | 0.53 | cps |
| Bromine | 81-1 | 21172 | 23202 | 21970 | 22114 | 4.62 | cps |
| Bromine | 81-2 | 1423 | 1440 | 1420 | 1428 | 0.75 | cps |
| Cadmium | 108-1 | 323 | 333 | 390 | 349 | 10.31 | cps |
| Cadmium | 106-1 | 4081 | 3814 | 3957 | 3951 | 3.38 | cps |
| Cadmium | 111-1 | 6631 | 6484 | 6488 | 6534 | 1.28 | cps |
| Calcium | 43-1 | 2607949 | 2597453 | 2599142 | 2601515 | 0.22 | cps |
| Calcium | 44-1 | 41369061 | 41914904 | 41353132 | 41545699 | 0.77 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 373721 | 372809 | 374868 | 373799 | 0.28 | cps |
| Cobalt | 59-2 | 117740 | 116148 | 116437 | 116775 | 0.73 | cps |
| Copper | 63-2 | 198167 | 196028 | 198268 | 197488 | 0.64 | cps |
| Dysprosium | 156-1 | 35742 | 36344 | 36681 | 36256 | 1.31 | cps |
| Dysprosium | 156-2 | 29892 | 29889 | 29341 | 29707 | 1.07 | cps |
| Erbium | 164-1 | 35742 | 35097 | 35869 | 35570 | 1.16 | cps |
| Erbium | 164-2 | 25520 | 25410 | 25887 | 25606 | 0.98 | cps |
| Gadolinium | 160-1 | 35238 | 35448 | 35558 | 35415 | 0.46 | cps |
| Gadolinium | 160-2 | 27016 | 27133 | 26568 | 26906 | 1.11 | cps |
| Holmium | 165-1 | 15117321 | 14966780 | 14939768 | 15007956 | 0.64 | cps |
| Holmium | 165-2 | 10667788 | 10561741 | 10624458 | 10617996 | 0.50 | cps |
| Indium | 115-1 | 12178288 | 12113422 | 11994838 | 12095516 | 0.77 | cps |
| Indium | 115-2 | 4293065 | 4250243 | 4259471 | 4267593 | 0.53 | cps |
| Iron | 56-2 | 1226205182 | 1213980835 | 1221784702 | 1220656906 | 0.51 | cps |
| Iron | 57-2 | 30118677 | 30183288 | 30147777 | 30149914 | 0.11 | cps |
| Iron | 54-2 | 65935464 | 65797447 | 66438567 | 66057160 | 0.51 | cps |
| Krypton | 83-1 | 297 | 313 | 277 | 296 | 6.21 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2912 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:11:21 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1794537 | 1792456 | 1789325 | 1792106 | 0.15 | cps |
| Lead | 207-1 | 1371507 | 1383962 | 1375004 | 1376824 | 0.47 | cps |
| Lead | 208-1 | 6889111 | 6913877 | 6892974 | 6898654 | 0.19 | cps |
| Lithium | 6-1 | 1718858 | 1743671 | 1715247 | 1725925 | 0.90 | cps |
| Magnesium | 24-2 | 10189895 | 10248479 | 10216506 | 10218293 | 0.29 | cps |
| Manganese | 55-2 | 29096715 | 28938397 | 29001345 | 29012152 | 0.27 | cps |
| Molybdenum | 94-1 | 33729 | 34106 | 34471 | 34102 | 1.09 | cps |
| Molybdenum | 95-1 | 22878 | 22320 | 22531 | 22576 | 1.25 | cps |
| Molybdenum | 96-1 | 42933 | 42578 | 42776 | 42762 | 0.42 | cps |
| Molybdenum | 97-1 | 13967 | 13757 | 13910 | 13878 | 0.78 | cps |
| Molybdenum | 98-1 | 35115 | 35570 | 34851 | 35179 | 1.03 | cps |
| Neodymium | 150-1 | 53307 | 53528 | 54625 | 53820 | 1.31 | cps |
| Neodymium | 150-2 | 32330 | 32070 | 32892 | 32431 | 1.30 | cps |
| Nickel | 60-2 | 93583 | 94659 | 93445 | 93896 | 0.71 | cps |
| Phosphorus | 31-2 | 8793 | 8753 | 8793 | 8779 | 0.26 | cps |
| Potassium | 39-2 | 1131147 | 1134529 | 1137319 | 1134332 | 0.27 | cps |
| Rhodium | 103-1 | 11074457 | 11044542 | 10976872 | 11031957 | 0.45 | cps |
| Rhodium | 103-2 | 6619027 | 6601078 | 6554514 | 6591539 | 0.51 | cps |
| Scandium | 45-1 | 6525227 | 6594652 | 6574528 | 6564802 | 0.54 | cps |
| Scandium | 45-2 | 550069 | 546864 | 546467 | 547800 | 0.36 | cps |
| Selenium | 82-1 | 400 | 334 | 380 | 371 | 9.15 | cps |
| Selenium | 77-2 | 93 | 117 | 160 | 123 | 27.43 | cps |
| Selenium | 78-2 | 513 | 550 | 580 | 548 | 6.10 | cps |
| Silicon | 28-1 | 30534691 | 31114995 | 30898217 | 30849301 | 0.95 | cps |
| Silver | 107-1 | 7859 | 7912 | 7942 | 7904 | 0.53 | cps |
| Silver | 109-1 | 7529 | 7846 | 7452 | 7609 | 2.74 | cps |
| Sodium | 23-2 | 255557 | 256021 | 257041 | 256206 | 0.30 | cps |
| Strontium | 86-1 | 457866 | 460624 | 460325 | 459605 | 0.33 | cps |
| Strontium | 88-1 | 4098200 | 4124117 | 4078724 | 4100347 | 0.56 | cps |
| Sulfur | 34-1 | 242230 | 245088 | 244028 | 243782 | 0.59 | cps |
| Terbium | 159-1 | 15407242 | 15479101 | 15206666 | 15364336 | 0.92 | cps |
| Terbium | 159-2 | 10516753 | 10500324 | 10369335 | 10462137 | 0.77 | cps |
| Thallium | 203-1 | 8870 | 9243 | 9463 | 9192 | 3.27 | cps |
| Thallium | 205-1 | 21337 | 21150 | 21894 | 21460 | 1.80 | cps |
| Tin | 118-1 | 24317 | 25022 | 25209 | 24849 | 1.89 | cps |
| Titanium | 47-1 | 536751 | 541031 | 538403 | 538728 | 0.40 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2912 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:11:21 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 40839 | 41678 | 41010 | 41176 | 1.08 | cps |
| Vanadium | 51-2 | 181234 | 180714 | 180236 | 180728 | 0.28 | cps |
| Yttrium | 89-1 | 14853159 | 14926991 | 14777160 | 14852437 | 0.50 | cps |
| Yttrium | 89-2 | 3893928 | 3798611 | 3822558 | 3838366 | 1.29 | cps |
| Zinc | 66-2 | 381338 | 378517 | 379768 | 379875 | 0.37 | cps |
| Zirconium | 90-1 | 56204 | 56973 | 56863 | 56680 | 0.73 | cps |
| Zirconium | 91-1 | 12769 | 12572 | 12422 | 12588 | 1.38 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:14:30 | DataFile Name : | 114CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12146847 | 12314894 | 12335525 | 12265755 | 0.84 | cps |
| Antimony | 121-1 | 5828737 | 6042138 | 6057421 | 5976099 | 2.14 | cps |
| Arsenic | 75-2 | 272759 | 274702 | 273900 | 273787 | 0.36 | cps |
| Barium | 135-1 | 7579916 | 7879801 | 7812642 | 7757453 | 2.03 | cps |
| Barium | 137-1 | 12944576 | 13328405 | 13457122 | 13243368 | 2.01 | cps |
| Beryllium | 9-1 | 652222 | 678576 | 681356 | 670718 | 2.40 | cps |
| Bismuth | 209-1 | 7965668 | 7787226 | 7875073 | 7875989 | 1.13 | cps |
| Bismuth | 209-2 | 6565957 | 6705439 | 6647478 | 6639624 | 1.06 | cps |
| Bromine | 81-1 | 14861 | 14744 | 13737 | 14447 | 4.28 | cps |
| Bromine | 81-2 | 173 | 157 | 170 | 167 | 5.29 | cps |
| Cadmium | 108-1 | 104993 | 107699 | 106242 | 106311 | 1.27 | cps |
| Cadmium | 106-1 | 149002 | 152922 | 152433 | 151452 | 1.41 | cps |
| Cadmium | 111-1 | 1385053 | 1432559 | 1422635 | 1413416 | 1.77 | cps |
| Calcium | 43-1 | 7755983 | 7787146 | 7721051 | 7754726 | 0.43 | cps |
| Calcium | 44-1 | 124048798 | 125113655 | 124627318 | 124596590 | 0.43 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2186607 | 2163192 | 2196718 | 2182172 | 0.79 | cps |
| Cobalt | 59-2 | 3431915 | 3431520 | 3465848 | 3443094 | 0.57 | cps |
| Copper | 63-2 | 24198677 | 24131943 | 24104640 | 24145087 | 0.20 | cps |
| Dysprosium | 156-1 | 293 | 300 | 293 | 296 | 1.30 | cps |
| Dysprosium | 156-2 | 543 | 423 | 550 | 506 | 14.10 | cps |
| Erbium | 164-1 | 293 | 320 | 257 | 290 | 10.97 | cps |
| Erbium | 164-2 | 177 | 213 | 207 | 199 | 9.82 | cps |
| Gadolinium | 160-1 | 313 | 277 | 297 | 296 | 6.21 | cps |
| Gadolinium | 160-2 | 573 | 590 | 560 | 574 | 2.62 | cps |
| Holmium | 165-1 | 14345212 | 13746291 | 13907621 | 13999708 | 2.21 | cps |
| Holmium | 165-2 | 10069286 | 9951229 | 9961847 | 9994121 | 0.65 | cps |
| Indium | 115-1 | 11125085 | 10539612 | 10710142 | 10791613 | 2.79 | cps |
| Indium | 115-2 | 3741519 | 3743783 | 3774164 | 3753155 | 0.49 | cps |
| Iron | 56-2 | 514386686 | 513121606 | 521741019 | 516416437 | 0.90 | cps |
| Iron | 57-2 | 12736251 | 12726591 | 12866207 | 12776350 | 0.61 | cps |
| Iron | 54-2 | 28243695 | 27869744 | 27853131 | 27988857 | 0.79 | cps |
| Krypton | 83-1 | 220 | 237 | 203 | 220 | 7.57 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:14:30 | DataFile Name : | 114CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22028641 | 22884715 | 22969251 | 22627536 | 2.30 | cps |
| Lead | 207-1 | 19642166 | 20431398 | 20620479 | 20231347 | 2.56 | cps |
| Lead | 208-1 | 88988716 | 92560802 | 93045903 | 91531807 | 2.42 | cps |
| Lithium | 6-1 | 1632096 | 1569837 | 1599065 | 1600332 | 1.95 | cps |
| Magnesium | 24-2 | 97170589 | 97595959 | 97750392 | 97505646 | 0.31 | cps |
| Manganese | 55-2 | 17537205 | 17473626 | 17462575 | 17491135 | 0.23 | cps |
| Molybdenum | 94-1 | 20457106 | 20888468 | 20626810 | 20657461 | 1.05 | cps |
| Molybdenum | 95-1 | 29895443 | 30233404 | 30142100 | 30090315 | 0.58 | cps |
| Molybdenum | 96-1 | 32726743 | 33186261 | 32999330 | 32970778 | 0.70 | cps |
| Molybdenum | 97-1 | 18646805 | 18892476 | 18809530 | 18782937 | 0.67 | cps |
| Molybdenum | 98-1 | 48603219 | 48738479 | 48090186 | 48477295 | 0.71 | cps |
| Neodymium | 150-1 | 553 | 463 | 533 | 517 | 9.15 | cps |
| Neodymium | 150-2 | 140 | 190 | 160 | 163 | 15.41 | cps |
| Nickel | 60-2 | 817527 | 813052 | 812490 | 814356 | 0.34 | cps |
| Phosphorus | 31-2 | 110656 | 110522 | 110116 | 110431 | 0.25 | cps |
| Potassium | 39-2 | 61893371 | 61686536 | 61911131 | 61830346 | 0.20 | cps |
| Rhodium | 103-1 | 9958594 | 9394944 | 9370258 | 9574599 | 3.48 | cps |
| Rhodium | 103-2 | 5621050 | 5618190 | 5567432 | 5602224 | 0.54 | cps |
| Scandium | 45-1 | 6223393 | 5874473 | 5797017 | 5964961 | 3.81 | cps |
| Scandium | 45-2 | 481086 | 478061 | 480851 | 479999 | 0.35 | cps |
| Selenium | 82-1 | 84861 | 85999 | 85694 | 85518 | 0.69 | cps |
| Selenium | 77-2 | 8316 | 8429 | 8302 | 8349 | 0.83 | cps |
| Selenium | 78-2 | 29312 | 28865 | 28397 | 28858 | 1.59 | cps |
| Silicon | 28-1 | 6612938 | 6740606 | 6632857 | 6662134 | 1.03 | cps |
| Silver | 107-1 | 7214548 | 7307337 | 7245705 | 7255863 | 0.65 | cps |
| Silver | 109-1 | 7011146 | 6983980 | 6910115 | 6968414 | 0.75 | cps |
| Sodium | 23-2 | 156657204 | 156804448 | 157510758 | 156990803 | 0.29 | cps |
| Strontium | 86-1 | 1885106 | 1930984 | 1923019 | 1913037 | 1.28 | cps |
| Strontium | 88-1 | 16144931 | 16642142 | 16678275 | 16488449 | 1.81 | cps |
| Sulfur | 34-1 | 607986 | 602712 | 596437 | 602378 | 0.96 | cps |
| Terbium | 159-1 | 14830976 | 14246147 | 14220892 | 14432672 | 2.39 | cps |
| Terbium | 159-2 | 9661423 | 9712272 | 9746596 | 9706764 | 0.44 | cps |
| Thallium | 203-1 | 5656963 | 5856198 | 5847890 | 5787017 | 1.95 | cps |
| Thallium | 205-1 | 13397726 | 14040709 | 13923277 | 13787237 | 2.48 | cps |
| Tin | 118-1 | 4876004 | 5062439 | 5020989 | 4986477 | 1.96 | cps |
| Titanium | 47-1 | 7185839 | 7333158 | 7258677 | 7259225 | 1.01 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:14:30 | DataFile Name : | 114CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17619700 | 18346871 | 18637556 | 18201376 | 2.88 | cps |
| Vanadium | 51-2 | 1962284 | 1958928 | 1949698 | 1956970 | 0.33 | cps |
| Yttrium | 89-1 | 13224655 | 12697823 | 12874944 | 12932474 | 2.07 | cps |
| Yttrium | 89-2 | 3229622 | 3314115 | 3240577 | 3261438 | 1.41 | cps |
| Zinc | 66-2 | 3986993 | 3988283 | 3993083 | 3989453 | 0.08 | cps |
| Zirconium | 90-1 | 10033688 | 10379262 | 10305641 | 10239530 | 1.78 | cps |
| Zirconium | 91-1 | 2255967 | 2257252 | 2275380 | 2262866 | 0.48 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:17:14 | DataFile Name : | 115CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1157 | 977 | 913 | 1016 | 12.43 | cps |
| Antimony | 121-1 | 2987 | 2570 | 2384 | 2647 | 11.67 | cps |
| Arsenic | 75-2 | 30 | 23 | 33 | 29 | 17.63 | cps |
| Barium | 135-1 | 1373 | 993 | 927 | 1098 | 21.95 | cps |
| Barium | 137-1 | 2467 | 2000 | 1497 | 1988 | 24.41 | cps |
| Beryllium | 9-1 | 230 | 173 | 190 | 198 | 14.72 | cps |
| Bismuth | 209-1 | 8762310 | 8827368 | 8794818 | 8794832 | 0.37 | cps |
| Bismuth | 209-2 | 7495483 | 7532113 | 7403473 | 7477023 | 0.89 | cps |
| Bromine | 81-1 | 13239 | 13650 | 13369 | 13420 | 1.56 | cps |
| Bromine | 81-2 | 190 | 193 | 153 | 179 | 12.41 | cps |
| Cadmium | 108-1 | 40 | 23 | 33 | 32 | 26.04 | cps |
| Cadmium | 106-1 | 3010 | 3127 | 3027 | 3055 | 2.07 | cps |
| Cadmium | 111-1 | 2399 | 2456 | 2299 | 2385 | 3.33 | cps |
| Calcium | 43-1 | 1923 | 1550 | 1247 | 1573 | 21.54 | cps |
| Calcium | 44-1 | 32892 | 28270 | 24363 | 28508 | 14.98 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1300 | 1440 | 1477 | 1406 | 6.63 | cps |
| Cobalt | 59-2 | 373 | 337 | 287 | 332 | 13.10 | cps |
| Copper | 63-2 | 8322 | 7542 | 7232 | 7699 | 7.30 | cps |
| Dysprosium | 156-1 | 27 | 13 | 10 | 17 | 52.93 | cps |
| Dysprosium | 156-2 | 7 | 0 | 7 | 4 | 86.60 | cps |
| Erbium | 164-1 | 70 | 50 | 57 | 59 | 17.29 | cps |
| Erbium | 164-2 | 30 | 23 | 47 | 33 | 36.07 | cps |
| Gadolinium | 160-1 | 43 | 47 | 43 | 44 | 4.34 | cps |
| Gadolinium | 160-2 | 393 | 370 | 400 | 388 | 4.06 | cps |
| Holmium | 165-1 | 14001869 | 14091808 | 14095029 | 14062902 | 0.38 | cps |
| Holmium | 165-2 | 10310700 | 10275491 | 10219255 | 10268482 | 0.45 | cps |
| Indium | 115-1 | 11257496 | 11362696 | 11488844 | 11369679 | 1.02 | cps |
| Indium | 115-2 | 4142470 | 4091323 | 4127679 | 4120491 | 0.64 | cps |
| Iron | 56-2 | 68026 | 61147 | 56305 | 61826 | 9.53 | cps |
| Iron | 57-2 | 2100 | 1833 | 1620 | 1851 | 12.99 | cps |
| Iron | 54-2 | 4921 | 4677 | 4367 | 4655 | 5.96 | cps |
| Krypton | 83-1 | 203 | 170 | 223 | 199 | 13.55 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:17:14 | DataFile Name : | 115CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5121 | 4221 | 3854 | 4399 | 14.82 | cps |
| Lead | 207-1 | 4614 | 3761 | 3224 | 3866 | 18.14 | cps |
| Lead | 208-1 | 20940 | 17251 | 15227 | 17806 | 16.27 | cps |
| Lithium | 6-1 | 1682891 | 1673634 | 1702347 | 1686291 | 0.87 | cps |
| Magnesium | 24-2 | 9056 | 8022 | 6812 | 7963 | 14.11 | cps |
| Manganese | 55-2 | 2097 | 1740 | 1750 | 1862 | 10.91 | cps |
| Molybdenum | 94-1 | 4664 | 3854 | 3104 | 3874 | 20.15 | cps |
| Molybdenum | 95-1 | 6138 | 4881 | 4097 | 5039 | 20.43 | cps |
| Molybdenum | 96-1 | 6935 | 5564 | 4434 | 5645 | 22.19 | cps |
| Molybdenum | 97-1 | 4021 | 2974 | 2567 | 3187 | 23.53 | cps |
| Molybdenum | 98-1 | 9607 | 8002 | 6668 | 8092 | 18.18 | cps |
| Neodymium | 150-1 | 13 | 27 | 0 | 13 | 100.01 | cps |
| Neodymium | 150-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Nickel | 60-2 | 333 | 383 | 397 | 371 | 9.00 | cps |
| Phosphorus | 31-2 | 140 | 127 | 177 | 148 | 17.52 | cps |
| Potassium | 39-2 | 53811 | 52704 | 52664 | 53060 | 1.23 | cps |
| Rhodium | 103-1 | 10282194 | 10501682 | 10387535 | 10390470 | 1.06 | cps |
| Rhodium | 103-2 | 6384450 | 6398661 | 6248371 | 6343827 | 1.31 | cps |
| Scandium | 45-1 | 5865924 | 5970749 | 5971730 | 5936134 | 1.02 | cps |
| Scandium | 45-2 | 501647 | 496875 | 497277 | 498600 | 0.53 | cps |
| Selenium | 82-1 | 111 | 178 | 63 | 118 | 49.14 | cps |
| Selenium | 77-2 | 0 | 7 | 0 | 2 | 173.21 | cps |
| Selenium | 78-2 | 337 | 447 | 447 | 410 | 15.49 | cps |
| Silicon | 28-1 | 541135 | 552010 | 553392 | 548846 | 1.22 | cps |
| Silver | 107-1 | 2214 | 1787 | 1390 | 1797 | 22.92 | cps |
| Silver | 109-1 | 2137 | 1563 | 1367 | 1689 | 23.69 | cps |
| Sodium | 23-2 | 50415 | 47199 | 45601 | 47738 | 5.14 | cps |
| Strontium | 86-1 | 733 | 707 | 653 | 698 | 5.84 | cps |
| Strontium | 88-1 | 3360 | 2880 | 2390 | 2877 | 16.86 | cps |
| Sulfur | 34-1 | 174877 | 177339 | 175583 | 175933 | 0.72 | cps |
| Terbium | 159-1 | 14412042 | 14333235 | 14604262 | 14449846 | 0.96 | cps |
| Terbium | 159-2 | 10115282 | 10016722 | 10280464 | 10137489 | 1.31 | cps |
| Thallium | 203-1 | 1797 | 1693 | 1483 | 1658 | 9.63 | cps |
| Thallium | 205-1 | 4721 | 4061 | 3410 | 4064 | 16.12 | cps |
| Tin | 118-1 | 2510 | 2197 | 2187 | 2298 | 8.00 | cps |
| Titanium | 47-1 | 1340 | 1110 | 960 | 1137 | 16.84 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB048 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB048 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:17:14 | DataFile Name : | 115CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3114 | 2314 | 1900 | 2442 | 25.26 | cps |
| Vanadium | 51-2 | 190 | 163 | 113 | 156 | 25.02 | cps |
| Yttrium | 89-1 | 12966659 | 13132972 | 13006991 | 13035541 | 0.67 | cps |
| Yttrium | 89-2 | 3420567 | 3466783 | 3415253 | 3434201 | 0.83 | cps |
| Zinc | 66-2 | 793 | 710 | 657 | 720 | 9.57 | cps |
| Zirconium | 90-1 | 3020 | 2534 | 2354 | 2636 | 13.09 | cps |
| Zirconium | 91-1 | 677 | 617 | 527 | 607 | 12.45 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2913 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:20:32 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2769874 | 2767109 | 2751898 | 2762961 | 0.35 | cps |
| Antimony | 121-1 | 20081 | 20615 | 20488 | 20395 | 1.37 | cps |
| Arsenic | 75-2 | 7812 | 7679 | 7689 | 7727 | 0.96 | cps |
| Barium | 135-1 | 435654 | 440752 | 444397 | 440268 | 1.00 | cps |
| Barium | 137-1 | 760458 | 768267 | 770588 | 766438 | 0.69 | cps |
| Beryllium | 9-1 | 2554 | 2684 | 2674 | 2637 | 2.74 | cps |
| Bismuth | 209-1 | 9126353 | 9223420 | 9113304 | 9154359 | 0.66 | cps |
| Bismuth | 209-2 | 7612572 | 7741835 | 7630740 | 7661716 | 0.91 | cps |
| Bromine | 81-1 | 19406 | 20167 | 21169 | 20247 | 4.37 | cps |
| Bromine | 81-2 | 1300 | 1330 | 1333 | 1321 | 1.39 | cps |
| Cadmium | 108-1 | 517 | 603 | 590 | 570 | 8.19 | cps |
| Cadmium | 106-1 | 4164 | 4194 | 3991 | 4116 | 2.67 | cps |
| Cadmium | 111-1 | 9165 | 9218 | 9255 | 9213 | 0.50 | cps |
| Calcium | 43-1 | 1698207 | 1754905 | 1736958 | 1730023 | 1.68 | cps |
| Calcium | 44-1 | 27169530 | 27990331 | 27872447 | 27677436 | 1.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 537938 | 539470 | 538896 | 538768 | 0.14 | cps |
| Cobalt | 59-2 | 82187 | 83198 | 82706 | 82697 | 0.61 | cps |
| Copper | 63-2 | 308689 | 308607 | 308012 | 308436 | 0.12 | cps |
| Dysprosium | 156-1 | 29147 | 30086 | 30042 | 29758 | 1.78 | cps |
| Dysprosium | 156-2 | 24568 | 24314 | 24715 | 24533 | 0.83 | cps |
| Erbium | 164-1 | 30323 | 30153 | 29905 | 30127 | 0.70 | cps |
| Erbium | 164-2 | 21623 | 21740 | 20946 | 21437 | 2.00 | cps |
| Gadolinium | 160-1 | 29137 | 29230 | 29371 | 29246 | 0.40 | cps |
| Gadolinium | 160-2 | 22127 | 21910 | 22308 | 22115 | 0.90 | cps |
| Holmium | 165-1 | 15118312 | 15120428 | 15215019 | 15151253 | 0.36 | cps |
| Holmium | 165-2 | 10686604 | 10806643 | 10746537 | 10746595 | 0.56 | cps |
| Indium | 115-1 | 12043838 | 11961246 | 12232152 | 12079079 | 1.15 | cps |
| Indium | 115-2 | 4329250 | 4415324 | 4329600 | 4358058 | 1.14 | cps |
| Iron | 56-2 | 482102153 | 479977953 | 481219913 | 481100006 | 0.22 | cps |
| Iron | 57-2 | 11716786 | 11915177 | 11780805 | 11804256 | 0.86 | cps |
| Iron | 54-2 | 25815961 | 26027741 | 25753433 | 25865712 | 0.56 | cps |
| Krypton | 83-1 | 290 | 303 | 320 | 304 | 4.94 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2913 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:20:32 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3152693 | 3208738 | 3156286 | 3172573 | 0.99 | cps |
| Lead | 207-1 | 2693506 | 2680356 | 2719877 | 2697913 | 0.75 | cps |
| Lead | 208-1 | 12377187 | 12496891 | 12431048 | 12435042 | 0.48 | cps |
| Lithium | 6-1 | 1758960 | 1720390 | 1749339 | 1742896 | 1.15 | cps |
| Magnesium | 24-2 | 4643325 | 4673957 | 4611664 | 4642982 | 0.67 | cps |
| Manganese | 55-2 | 13719927 | 13728084 | 13636259 | 13694756 | 0.37 | cps |
| Molybdenum | 94-1 | 42278 | 43040 | 42254 | 42524 | 1.05 | cps |
| Molybdenum | 95-1 | 43548 | 44574 | 44307 | 44143 | 1.21 | cps |
| Molybdenum | 96-1 | 54391 | 55823 | 56525 | 55580 | 1.96 | cps |
| Molybdenum | 97-1 | 27559 | 27706 | 27549 | 27605 | 0.32 | cps |
| Molybdenum | 98-1 | 69190 | 70650 | 71360 | 70400 | 1.57 | cps |
| Neodymium | 150-1 | 43972 | 45349 | 44965 | 44762 | 1.59 | cps |
| Neodymium | 150-2 | 26979 | 27013 | 27029 | 27007 | 0.09 | cps |
| Nickel | 60-2 | 123994 | 126464 | 125432 | 125297 | 0.99 | cps |
| Phosphorus | 31-2 | 7782 | 7399 | 7542 | 7574 | 2.56 | cps |
| Potassium | 39-2 | 792142 | 792815 | 790448 | 791802 | 0.15 | cps |
| Rhodium | 103-1 | 10956098 | 10971678 | 11119828 | 11015868 | 0.82 | cps |
| Rhodium | 103-2 | 6727156 | 6797442 | 6673784 | 6732794 | 0.92 | cps |
| Scandium | 45-1 | 6360114 | 6596740 | 6586818 | 6514557 | 2.05 | cps |
| Scandium | 45-2 | 551994 | 556523 | 551865 | 553461 | 0.48 | cps |
| Selenium | 82-1 | 285 | 268 | 228 | 261 | 11.26 | cps |
| Selenium | 77-2 | 53 | 80 | 97 | 77 | 28.51 | cps |
| Selenium | 78-2 | 543 | 517 | 533 | 531 | 2.54 | cps |
| Silicon | 28-1 | 31669728 | 32739633 | 32486325 | 32298562 | 1.73 | cps |
| Silver | 107-1 | 18479 | 18418 | 17637 | 18178 | 2.58 | cps |
| Silver | 109-1 | 17694 | 17184 | 16600 | 17159 | 3.19 | cps |
| Sodium | 23-2 | 233416 | 232083 | 233298 | 232932 | 0.32 | cps |
| Strontium | 86-1 | 325406 | 334046 | 336445 | 331966 | 1.75 | cps |
| Strontium | 88-1 | 2954262 | 3002054 | 3045753 | 3000690 | 1.53 | cps |
| Sulfur | 34-1 | 217445 | 220109 | 221529 | 219694 | 0.94 | cps |
| Terbium | 159-1 | 15359774 | 15636716 | 15461169 | 15485886 | 0.90 | cps |
| Terbium | 159-2 | 10609437 | 10642052 | 10610394 | 10620628 | 0.17 | cps |
| Thallium | 203-1 | 8506 | 8203 | 8026 | 8245 | 2.95 | cps |
| Thallium | 205-1 | 19978 | 18790 | 18706 | 19158 | 3.71 | cps |
| Tin | 118-1 | 47495 | 49170 | 49501 | 48722 | 2.21 | cps |
| Titanium | 47-1 | 423801 | 431688 | 439578 | 431689 | 1.83 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2913 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:20:32 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33432 | 33940 | 34234 | 33869 | 1.20 | cps |
| Vanadium | 51-2 | 138636 | 139598 | 138952 | 139062 | 0.35 | cps |
| Yttrium | 89-1 | 14513149 | 14801221 | 14545068 | 14619813 | 1.08 | cps |
| Yttrium | 89-2 | 3857151 | 3901655 | 3848739 | 3869182 | 0.73 | cps |
| Zinc | 66-2 | 676663 | 682579 | 678686 | 679309 | 0.44 | cps |
| Zirconium | 90-1 | 44491 | 46015 | 48472 | 46326 | 4.34 | cps |
| Zirconium | 91-1 | 10134 | 9810 | 10347 | 10097 | 2.68 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:23:37 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3004539 | 2972564 | 2943857 | 2973654 | 1.02 | cps |
| Antimony | 121-1 | 32624 | 32423 | 32500 | 32516 | 0.31 | cps |
| Arsenic | 75-2 | 12355 | 12042 | 12008 | 12135 | 1.58 | cps |
| Barium | 135-1 | 863726 | 860705 | 860264 | 861565 | 0.22 | cps |
| Barium | 137-1 | 1489247 | 1491179 | 1484967 | 1488464 | 0.21 | cps |
| Beryllium | 9-1 | 2310 | 2267 | 2230 | 2269 | 1.77 | cps |
| Bismuth | 209-1 | 8998547 | 9060899 | 9112659 | 9057368 | 0.63 | cps |
| Bismuth | 209-2 | 7591676 | 7430508 | 7476607 | 7499597 | 1.11 | cps |
| Bromine | 81-1 | 21085 | 21492 | 21776 | 21451 | 1.62 | cps |
| Bromine | 81-2 | 1507 | 1393 | 1393 | 1431 | 4.57 | cps |
| Cadmium | 108-1 | 1167 | 1083 | 1090 | 1113 | 4.16 | cps |
| Cadmium | 106-1 | 5144 | 5204 | 4931 | 5093 | 2.82 | cps |
| Cadmium | 111-1 | 17265 | 17372 | 17386 | 17341 | 0.38 | cps |
| Calcium | 43-1 | 4079065 | 4026194 | 4075202 | 4060154 | 0.73 | cps |
| Calcium | 44-1 | 65767064 | 64790387 | 64675872 | 65077775 | 0.92 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2949295 | 2942590 | 2943377 | 2945087 | 0.12 | cps |
| Cobalt | 59-2 | 104041 | 104017 | 104299 | 104119 | 0.15 | cps |
| Copper | 63-2 | 485091 | 483883 | 486490 | 485155 | 0.27 | cps |
| Dysprosium | 156-1 | 27998 | 27677 | 27824 | 27833 | 0.58 | cps |
| Dysprosium | 156-2 | 22658 | 22481 | 22385 | 22508 | 0.62 | cps |
| Erbium | 164-1 | 26455 | 26519 | 26482 | 26485 | 0.12 | cps |
| Erbium | 164-2 | 18736 | 18843 | 19016 | 18865 | 0.75 | cps |
| Gadolinium | 160-1 | 27337 | 26739 | 27257 | 27111 | 1.20 | cps |
| Gadolinium | 160-2 | 20442 | 20699 | 20325 | 20488 | 0.93 | cps |
| Holmium | 165-1 | 14967924 | 14992687 | 15202247 | 15054286 | 0.86 | cps |
| Holmium | 165-2 | 10673564 | 10572664 | 10574913 | 10607047 | 0.54 | cps |
| Indium | 115-1 | 11992163 | 11858767 | 11982401 | 11944444 | 0.62 | cps |
| Indium | 115-2 | 4251884 | 4232753 | 4282997 | 4255878 | 0.60 | cps |
| Iron | 56-2 | 917480413 | 913681800 | 916954200 | 916038804 | 0.22 | cps |
| Iron | 57-2 | 22604631 | 22631574 | 22421436 | 22552547 | 0.51 | cps |
| Iron | 54-2 | 49332838 | 49668541 | 49154859 | 49385413 | 0.53 | cps |
| Krypton | 83-1 | 320 | 300 | 277 | 299 | 7.26 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:23:37 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8443960 | 8454697 | 8362702 | 8420453 | 0.60 | cps |
| Lead | 207-1 | 7142888 | 6958067 | 7209546 | 7103500 | 1.83 | cps |
| Lead | 208-1 | 33099872 | 32862139 | 33267152 | 33076388 | 0.62 | cps |
| Lithium | 6-1 | 1735861 | 1678927 | 1699015 | 1704601 | 1.69 | cps |
| Magnesium | 24-2 | 9945771 | 9928203 | 9888995 | 9920990 | 0.29 | cps |
| Manganese | 55-2 | 52186583 | 52254084 | 52185646 | 52208771 | 0.08 | cps |
| Molybdenum | 94-1 | 92996 | 93754 | 92067 | 92939 | 0.91 | cps |
| Molybdenum | 95-1 | 102049 | 104348 | 102992 | 103130 | 1.12 | cps |
| Molybdenum | 96-1 | 127127 | 128841 | 127100 | 127689 | 0.78 | cps |
| Molybdenum | 97-1 | 63725 | 63808 | 64280 | 63938 | 0.47 | cps |
| Molybdenum | 98-1 | 165630 | 164494 | 166638 | 165587 | 0.65 | cps |
| Neodymium | 150-1 | 41899 | 43005 | 41678 | 42194 | 1.69 | cps |
| Neodymium | 150-2 | 25400 | 25336 | 25283 | 25340 | 0.23 | cps |
| Nickel | 60-2 | 446787 | 448231 | 443829 | 446282 | 0.50 | cps |
| Phosphorus | 31-2 | 18384 | 18405 | 17894 | 18228 | 1.59 | cps |
| Potassium | 39-2 | 1150768 | 1155846 | 1148019 | 1151544 | 0.34 | cps |
| Rhodium | 103-1 | 11126109 | 10980854 | 10799964 | 10968976 | 1.49 | cps |
| Rhodium | 103-2 | 6573532 | 6471719 | 6552198 | 6532483 | 0.82 | cps |
| Scandium | 45-1 | 6598996 | 6462906 | 6459319 | 6507074 | 1.22 | cps |
| Scandium | 45-2 | 543087 | 540692 | 537868 | 540549 | 0.48 | cps |
| Selenium | 82-1 | 345 | 327 | 388 | 353 | 8.76 | cps |
| Selenium | 77-2 | 117 | 120 | 83 | 107 | 19.01 | cps |
| Selenium | 78-2 | 527 | 590 | 627 | 581 | 8.71 | cps |
| Silicon | 28-1 | 25103117 | 25208572 | 25182800 | 25164830 | 0.22 | cps |
| Silver | 107-1 | 39303 | 39380 | 38381 | 39021 | 1.43 | cps |
| Silver | 109-1 | 36646 | 37572 | 37993 | 37404 | 1.84 | cps |
| Sodium | 23-2 | 305955 | 298534 | 298180 | 300890 | 1.46 | cps |
| Strontium | 86-1 | 582301 | 592227 | 590219 | 588249 | 0.89 | cps |
| Strontium | 88-1 | 5189984 | 5247002 | 5287899 | 5241628 | 0.94 | cps |
| Sulfur | 34-1 | 246826 | 245597 | 242457 | 244960 | 0.92 | cps |
| Terbium | 159-1 | 15378025 | 15442242 | 15427916 | 15416061 | 0.22 | cps |
| Terbium | 159-2 | 10729703 | 10454714 | 10419226 | 10534548 | 1.61 | cps |
| Thallium | 203-1 | 16206 | 16884 | 16253 | 16448 | 2.30 | cps |
| Thallium | 205-1 | 39089 | 39280 | 39594 | 39321 | 0.65 | cps |
| Tin | 118-1 | 88858 | 90687 | 89509 | 89685 | 1.03 | cps |
| Titanium | 47-1 | 1109093 | 1106176 | 1098627 | 1104632 | 0.49 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:23:37 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 40799 | 40147 | 39983 | 40310 | 1.07 | cps |
| Vanadium | 51-2 | 510417 | 508911 | 508209 | 509179 | 0.22 | cps |
| Yttrium | 89-1 | 14657666 | 14558501 | 14584519 | 14600228 | 0.35 | cps |
| Yttrium | 89-2 | 3796214 | 3744716 | 3794127 | 3778353 | 0.77 | cps |
| Zinc | 66-2 | 1509041 | 1462959 | 1452525 | 1474841 | 2.04 | cps |
| Zirconium | 90-1 | 92952 | 93032 | 93126 | 93037 | 0.09 | cps |
| Zirconium | 91-1 | 20728 | 20511 | 20414 | 20551 | 0.78 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:26:42 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5655814 | 5660471 | 5605741 | 5640675 | 0.54 | cps |
| Antimony | 121-1 | 651165 | 654489 | 650180 | 651945 | 0.35 | cps |
| Arsenic | 75-2 | 9396 | 9476 | 9266 | 9380 | 1.13 | cps |
| Barium | 135-1 | 1028537 | 1036699 | 1028479 | 1031238 | 0.46 | cps |
| Barium | 137-1 | 1876594 | 1866990 | 1863939 | 1869175 | 0.35 | cps |
| Beryllium | 9-1 | 2420 | 2280 | 2304 | 2335 | 3.21 | cps |
| Bismuth | 209-1 | 8886245 | 8900585 | 8868680 | 8885170 | 0.18 | cps |
| Bismuth | 209-2 | 7482184 | 7498730 | 7547992 | 7509635 | 0.46 | cps |
| Bromine | 81-1 | 20458 | 20978 | 21936 | 21124 | 3.55 | cps |
| Bromine | 81-2 | 1300 | 1343 | 1277 | 1307 | 2.59 | cps |
| Cadmium | 108-1 | 897 | 927 | 943 | 922 | 2.56 | cps |
| Cadmium | 106-1 | 4958 | 4914 | 4524 | 4799 | 4.98 | cps |
| Cadmium | 111-1 | 13884 | 13662 | 13407 | 13651 | 1.75 | cps |
| Calcium | 43-1 | 4408943 | 4382576 | 4374741 | 4388754 | 0.41 | cps |
| Calcium | 44-1 | 70320932 | 70412541 | 69747436 | 70160303 | 0.51 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2749379 | 2774535 | 2745216 | 2756377 | 0.58 | cps |
| Cobalt | 59-2 | 83718 | 83296 | 82525 | 83180 | 0.73 | cps |
| Copper | 63-2 | 4488074 | 4440576 | 4416026 | 4448225 | 0.82 | cps |
| Dysprosium | 156-1 | 23593 | 23773 | 23657 | 23674 | 0.39 | cps |
| Dysprosium | 156-2 | 19233 | 19577 | 19207 | 19339 | 1.07 | cps |
| Erbium | 164-1 | 24448 | 24966 | 24508 | 24641 | 1.15 | cps |
| Erbium | 164-2 | 17030 | 17544 | 17501 | 17359 | 1.64 | cps |
| Gadolinium | 160-1 | 22949 | 22862 | 23042 | 22951 | 0.39 | cps |
| Gadolinium | 160-2 | 17711 | 17518 | 17254 | 17494 | 1.31 | cps |
| Holmium | 165-1 | 15026981 | 14932849 | 15093225 | 15017685 | 0.54 | cps |
| Holmium | 165-2 | 10567136 | 10531068 | 10644074 | 10580759 | 0.55 | cps |
| Indium | 115-1 | 12006466 | 12083801 | 12067690 | 12052652 | 0.34 | cps |
| Indium | 115-2 | 4231426 | 4206283 | 4262442 | 4233384 | 0.66 | cps |
| Iron | 56-2 | 980649985 | 977337932 | 967938412 | 975308777 | 0.68 | cps |
| Iron | 57-2 | 24046211 | 24009993 | 23885204 | 23980469 | 0.35 | cps |
| Iron | 54-2 | 52719929 | 52434429 | 52546766 | 52567041 | 0.27 | cps |
| Krypton | 83-1 | 340 | 287 | 287 | 304 | 10.12 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:26:42 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7423136 | 7338180 | 7220826 | 7327381 | 1.39 | cps |
| Lead | 207-1 | 6200862 | 6174858 | 6225649 | 6200457 | 0.41 | cps |
| Lead | 208-1 | 28893084 | 28711478 | 28625989 | 28743517 | 0.47 | cps |
| Lithium | 6-1 | 1708229 | 1677673 | 1651263 | 1679055 | 1.70 | cps |
| Magnesium | 24-2 | 9267520 | 9266193 | 9176598 | 9236770 | 0.56 | cps |
| Manganese | 55-2 | 70115682 | 69133944 | 69916397 | 69722008 | 0.74 | cps |
| Molybdenum | 94-1 | 81823 | 83234 | 81424 | 82161 | 1.16 | cps |
| Molybdenum | 95-1 | 75976 | 75999 | 75172 | 75716 | 0.62 | cps |
| Molybdenum | 96-1 | 98063 | 97224 | 97012 | 97433 | 0.57 | cps |
| Molybdenum | 97-1 | 46092 | 46219 | 46116 | 46143 | 0.15 | cps |
| Molybdenum | 98-1 | 118835 | 119954 | 118361 | 119050 | 0.69 | cps |
| Neodymium | 150-1 | 36143 | 36661 | 36507 | 36437 | 0.73 | cps |
| Neodymium | 150-2 | 21673 | 21587 | 21310 | 21523 | 0.88 | cps |
| Nickel | 60-2 | 304148 | 306427 | 306335 | 305637 | 0.42 | cps |
| Phosphorus | 31-2 | 17280 | 16716 | 16869 | 16955 | 1.72 | cps |
| Potassium | 39-2 | 909390 | 902390 | 898274 | 903351 | 0.62 | cps |
| Rhodium | 103-1 | 11009014 | 10825037 | 10911902 | 10915318 | 0.84 | cps |
| Rhodium | 103-2 | 6521985 | 6443033 | 6485720 | 6483579 | 0.61 | cps |
| Scandium | 45-1 | 6509208 | 6499357 | 6420626 | 6476397 | 0.75 | cps |
| Scandium | 45-2 | 532650 | 534348 | 536438 | 534479 | 0.35 | cps |
| Selenium | 82-1 | 333 | 401 | 359 | 364 | 9.44 | cps |
| Selenium | 77-2 | 53 | 77 | 83 | 71 | 22.15 | cps |
| Selenium | 78-2 | 547 | 560 | 550 | 552 | 1.26 | cps |
| Silicon | 28-1 | 27215185 | 27390327 | 26967184 | 27190899 | 0.78 | cps |
| Silver | 107-1 | 29831 | 30312 | 29356 | 29833 | 1.60 | cps |
| Silver | 109-1 | 28655 | 28551 | 28652 | 28619 | 0.21 | cps |
| Sodium | 23-2 | 290180 | 287648 | 285373 | 287734 | 0.84 | cps |
| Strontium | 86-1 | 539252 | 543785 | 539353 | 540797 | 0.48 | cps |
| Strontium | 88-1 | 4873137 | 4897629 | 4849988 | 4873585 | 0.49 | cps |
| Sulfur | 34-1 | 236190 | 236834 | 234743 | 235922 | 0.45 | cps |
| Terbium | 159-1 | 15329261 | 15407430 | 15328717 | 15355136 | 0.29 | cps |
| Terbium | 159-2 | 10526349 | 10407415 | 10459915 | 10464560 | 0.57 | cps |
| Thallium | 203-1 | 17338 | 17902 | 17448 | 17563 | 1.70 | cps |
| Thallium | 205-1 | 42212 | 42014 | 41403 | 41876 | 1.01 | cps |
| Tin | 118-1 | 73744 | 74897 | 72893 | 73845 | 1.36 | cps |
| Titanium | 47-1 | 1178441 | 1187020 | 1177520 | 1180993 | 0.44 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:26:42 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 42578 | 43216 | 43059 | 42951 | 0.77 | cps |
| Vanadium | 51-2 | 559581 | 561159 | 557155 | 559298 | 0.36 | cps |
| Yttrium | 89-1 | 14554149 | 14677929 | 14457706 | 14563261 | 0.76 | cps |
| Yttrium | 89-2 | 3771060 | 3759160 | 3714867 | 3748362 | 0.79 | cps |
| Zinc | 66-2 | 1128340 | 1122731 | 1113672 | 1121581 | 0.66 | cps |
| Zirconium | 90-1 | 107896 | 110271 | 108648 | 108938 | 1.11 | cps |
| Zirconium | 91-1 | 23592 | 24644 | 23923 | 24053 | 2.24 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2916 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:29:43 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3023673 | 3040736 | 3015774 | 3026728 | 0.42 | cps |
| Antimony | 121-1 | 16019 | 16513 | 16323 | 16285 | 1.53 | cps |
| Arsenic | 75-2 | 9623 | 9657 | 9733 | 9671 | 0.58 | cps |
| Barium | 135-1 | 456176 | 459203 | 453228 | 456202 | 0.65 | cps |
| Barium | 137-1 | 789707 | 785012 | 785831 | 786850 | 0.32 | cps |
| Beryllium | 9-1 | 1533 | 1507 | 1563 | 1535 | 1.85 | cps |
| Bismuth | 209-1 | 8803122 | 8881833 | 8831239 | 8838731 | 0.45 | cps |
| Bismuth | 209-2 | 7326136 | 7342245 | 7345304 | 7337895 | 0.14 | cps |
| Bromine | 81-1 | 17858 | 18835 | 18986 | 18560 | 3.30 | cps |
| Bromine | 81-2 | 943 | 973 | 857 | 924 | 6.55 | cps |
| Cadmium | 108-1 | 710 | 643 | 580 | 644 | 10.09 | cps |
| Cadmium | 106-1 | 4227 | 4274 | 4251 | 4251 | 0.55 | cps |
| Cadmium | 111-1 | 9954 | 9917 | 9651 | 9841 | 1.68 | cps |
| Calcium | 43-1 | 3362546 | 3392521 | 3384943 | 3380003 | 0.46 | cps |
| Calcium | 44-1 | 53472444 | 53670038 | 53991834 | 53711439 | 0.49 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 873843 | 867303 | 867444 | 869530 | 0.43 | cps |
| Cobalt | 59-2 | 109197 | 109335 | 108253 | 108928 | 0.54 | cps |
| Copper | 63-2 | 311091 | 306773 | 308346 | 308737 | 0.71 | cps |
| Dysprosium | 156-1 | 46460 | 48068 | 47125 | 47218 | 1.71 | cps |
| Dysprosium | 156-2 | 37564 | 37864 | 36634 | 37354 | 1.72 | cps |
| Erbium | 164-1 | 42167 | 42304 | 42458 | 42309 | 0.34 | cps |
| Erbium | 164-2 | 30761 | 28823 | 29307 | 29630 | 3.40 | cps |
| Gadolinium | 160-1 | 46584 | 46082 | 47296 | 46654 | 1.31 | cps |
| Gadolinium | 160-2 | 34402 | 34763 | 34379 | 34515 | 0.62 | cps |
| Holmium | 165-1 | 14940492 | 15048561 | 14615430 | 14868161 | 1.52 | cps |
| Holmium | 165-2 | 10438213 | 10491303 | 10331441 | 10420319 | 0.78 | cps |
| Indium | 115-1 | 11705946 | 11788558 | 11667778 | 11720760 | 0.53 | cps |
| Indium | 115-2 | 4108483 | 4022994 | 4151211 | 4094230 | 1.59 | cps |
| Iron | 56-2 | 419903474 | 418940074 | 420480727 | 419774758 | 0.19 | cps |
| Iron | 57-2 | 10253493 | 10363622 | 10284498 | 10300538 | 0.55 | cps |
| Iron | 54-2 | 22692912 | 22661026 | 22589906 | 22647948 | 0.23 | cps |
| Krypton | 83-1 | 277 | 357 | 257 | 297 | 17.84 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2916 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:29:43 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3629380 | 3590151 | 3621045 | 3613525 | 0.57 | cps |
| Lead | 207-1 | 3059106 | 3053922 | 3041938 | 3051655 | 0.29 | cps |
| Lead | 208-1 | 14142851 | 14074227 | 14009582 | 14075553 | 0.47 | cps |
| Lithium | 6-1 | 1755200 | 1753775 | 1735047 | 1748007 | 0.64 | cps |
| Magnesium | 24-2 | 12821800 | 12795917 | 12719830 | 12779182 | 0.41 | cps |
| Manganese | 55-2 | 14865736 | 14935459 | 14956570 | 14919255 | 0.32 | cps |
| Molybdenum | 94-1 | 38624 | 38547 | 38233 | 38468 | 0.54 | cps |
| Molybdenum | 95-1 | 37274 | 36906 | 37488 | 37223 | 0.79 | cps |
| Molybdenum | 96-1 | 47544 | 47500 | 48259 | 47768 | 0.89 | cps |
| Molybdenum | 97-1 | 23252 | 22738 | 22928 | 22973 | 1.13 | cps |
| Molybdenum | 98-1 | 59517 | 59447 | 59293 | 59419 | 0.19 | cps |
| Neodymium | 150-1 | 73597 | 72736 | 72790 | 73041 | 0.66 | cps |
| Neodymium | 150-2 | 43784 | 42858 | 43483 | 43375 | 1.09 | cps |
| Nickel | 60-2 | 176384 | 176812 | 172762 | 175319 | 1.27 | cps |
| Phosphorus | 31-2 | 11768 | 12108 | 11858 | 11911 | 1.48 | cps |
| Potassium | 39-2 | 1054100 | 1056710 | 1049146 | 1053319 | 0.36 | cps |
| Rhodium | 103-1 | 10571880 | 10693905 | 10611689 | 10625825 | 0.59 | cps |
| Rhodium | 103-2 | 6330131 | 6254073 | 6232475 | 6272226 | 0.82 | cps |
| Scandium | 45-1 | 6223141 | 6383713 | 6306902 | 6304585 | 1.27 | cps |
| Scandium | 45-2 | 513676 | 509630 | 510474 | 511260 | 0.42 | cps |
| Selenium | 82-1 | 311 | 251 | 340 | 300 | 15.10 | cps |
| Selenium | 77-2 | 163 | 113 | 100 | 126 | 26.60 | cps |
| Selenium | 78-2 | 470 | 540 | 457 | 489 | 9.16 | cps |
| Silicon | 28-1 | 24611497 | 24151984 | 25141845 | 24635109 | 2.01 | cps |
| Silver | 107-1 | 18158 | 18138 | 18098 | 18131 | 0.17 | cps |
| Silver | 109-1 | 17200 | 17053 | 17274 | 17176 | 0.65 | cps |
| Sodium | 23-2 | 211478 | 211451 | 211184 | 211371 | 0.08 | cps |
| Strontium | 86-1 | 445939 | 447591 | 446472 | 446667 | 0.19 | cps |
| Strontium | 88-1 | 3958313 | 4024910 | 4001743 | 3994989 | 0.85 | cps |
| Sulfur | 34-1 | 235591 | 238526 | 237148 | 237088 | 0.62 | cps |
| Terbium | 159-1 | 15249721 | 15609470 | 15274188 | 15377793 | 1.31 | cps |
| Terbium | 159-2 | 10233390 | 10330448 | 10238009 | 10267282 | 0.53 | cps |
| Thallium | 203-1 | 6745 | 6929 | 6715 | 6796 | 1.70 | cps |
| Thallium | 205-1 | 16210 | 16216 | 15993 | 16140 | 0.79 | cps |
| Tin | 118-1 | 51753 | 51662 | 51522 | 51645 | 0.23 | cps |
| Titanium | 47-1 | 464546 | 465919 | 465069 | 465178 | 0.15 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2916 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:29:43 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 42344 | 43584 | 43387 | 43105 | 1.55 | cps |
| Vanadium | 51-2 | 248001 | 246240 | 245529 | 246590 | 0.52 | cps |
| Yttrium | 89-1 | 14468449 | 14455994 | 14219745 | 14381396 | 0.97 | cps |
| Yttrium | 89-2 | 3628026 | 3605546 | 3659685 | 3631086 | 0.75 | cps |
| Zinc | 66-2 | 738844 | 729659 | 727550 | 732018 | 0.82 | cps |
| Zirconium | 90-1 | 45761 | 46798 | 46095 | 46218 | 1.14 | cps |
| Zirconium | 91-1 | 10444 | 10487 | 10214 | 10382 | 1.42 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2917 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:32:51 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3191310 | 3177379 | 3199699 | 3189463 | 0.35 | cps |
| Antimony | 121-1 | 34759 | 34414 | 34227 | 34467 | 0.78 | cps |
| Arsenic | 75-2 | 8352 | 8112 | 7986 | 8150 | 2.29 | cps |
| Barium | 135-1 | 441263 | 440383 | 441001 | 440883 | 0.10 | cps |
| Barium | 137-1 | 767207 | 760406 | 760117 | 762577 | 0.53 | cps |
| Beryllium | 9-1 | 2207 | 2284 | 2377 | 2289 | 3.72 | cps |
| Bismuth | 209-1 | 8908576 | 8760811 | 8832155 | 8833848 | 0.84 | cps |
| Bismuth | 209-2 | 7394275 | 7503371 | 7381891 | 7426512 | 0.90 | cps |
| Bromine | 81-1 | 18645 | 18989 | 19259 | 18964 | 1.62 | cps |
| Bromine | 81-2 | 1023 | 1097 | 1170 | 1097 | 6.69 | cps |
| Cadmium | 108-1 | 880 | 843 | 893 | 872 | 2.97 | cps |
| Cadmium | 106-1 | 4534 | 4551 | 4474 | 4520 | 0.89 | cps |
| Cadmium | 111-1 | 12868 | 13026 | 13334 | 13076 | 1.81 | cps |
| Calcium | 43-1 | 2959333 | 2992711 | 3005976 | 2986006 | 0.80 | cps |
| Calcium | 44-1 | 47747198 | 48086926 | 47916209 | 47916778 | 0.35 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1048894 | 1043917 | 1047037 | 1046616 | 0.24 | cps |
| Cobalt | 59-2 | 96752 | 93451 | 96226 | 95477 | 1.86 | cps |
| Copper | 63-2 | 299938 | 301537 | 299414 | 300296 | 0.37 | cps |
| Dysprosium | 156-1 | 42013 | 41127 | 40859 | 41333 | 1.46 | cps |
| Dysprosium | 156-2 | 33209 | 33637 | 34552 | 33800 | 2.03 | cps |
| Erbium | 164-1 | 36451 | 35980 | 36080 | 36170 | 0.69 | cps |
| Erbium | 164-2 | 26021 | 25657 | 25714 | 25797 | 0.76 | cps |
| Gadolinium | 160-1 | 39770 | 39499 | 39706 | 39658 | 0.36 | cps |
| Gadolinium | 160-2 | 30299 | 30416 | 30497 | 30404 | 0.33 | cps |
| Holmium | 165-1 | 15030661 | 14480941 | 14735737 | 14749113 | 1.87 | cps |
| Holmium | 165-2 | 10510785 | 10465053 | 10302598 | 10426146 | 1.05 | cps |
| Indium | 115-1 | 11813034 | 11646414 | 11688006 | 11715818 | 0.74 | cps |
| Indium | 115-2 | 4218797 | 4173691 | 4146788 | 4179759 | 0.87 | cps |
| Iron | 56-2 | 508637846 | 508700099 | 509109379 | 508815775 | 0.05 | cps |
| Iron | 57-2 | 12566811 | 12449245 | 12438358 | 12484805 | 0.57 | cps |
| Iron | 54-2 | 27553572 | 27142759 | 27232488 | 27309606 | 0.79 | cps |
| Krypton | 83-1 | 307 | 283 | 287 | 292 | 4.32 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2917 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:32:51 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4686677 | 4702385 | 4696244 | 4695102 | 0.17 | cps |
| Lead | 207-1 | 3968705 | 3971076 | 3970216 | 3969999 | 0.03 | cps |
| Lead | 208-1 | 18324565 | 18320127 | 18224870 | 18289854 | 0.31 | cps |
| Lithium | 6-1 | 1756539 | 1742450 | 1703976 | 1734322 | 1.57 | cps |
| Magnesium | 24-2 | 11937619 | 11933415 | 11909797 | 11926944 | 0.13 | cps |
| Manganese | 55-2 | 18424981 | 18238608 | 18259161 | 18307583 | 0.56 | cps |
| Molybdenum | 94-1 | 34748 | 34180 | 33929 | 34286 | 1.22 | cps |
| Molybdenum | 95-1 | 38912 | 38437 | 38658 | 38669 | 0.61 | cps |
| Molybdenum | 96-1 | 49694 | 48855 | 49878 | 49476 | 1.10 | cps |
| Molybdenum | 97-1 | 23589 | 24524 | 24247 | 24120 | 1.99 | cps |
| Molybdenum | 98-1 | 61626 | 62279 | 61381 | 61762 | 0.75 | cps |
| Neodymium | 150-1 | 65350 | 63813 | 64955 | 64706 | 1.23 | cps |
| Neodymium | 150-2 | 39027 | 38964 | 38984 | 38992 | 0.08 | cps |
| Nickel | 60-2 | 198765 | 197235 | 196479 | 197493 | 0.59 | cps |
| Phosphorus | 31-2 | 11975 | 11825 | 11695 | 11831 | 1.19 | cps |
| Potassium | 39-2 | 953546 | 948787 | 948162 | 950165 | 0.31 | cps |
| Rhodium | 103-1 | 10747242 | 10582512 | 10806896 | 10712217 | 1.08 | cps |
| Rhodium | 103-2 | 6455016 | 6403942 | 6368624 | 6409194 | 0.68 | cps |
| Scandium | 45-1 | 6386292 | 6289889 | 6328288 | 6334823 | 0.77 | cps |
| Scandium | 45-2 | 521566 | 523001 | 521199 | 521922 | 0.18 | cps |
| Selenium | 82-1 | 319 | 325 | 334 | 326 | 2.32 | cps |
| Selenium | 77-2 | 117 | 107 | 110 | 111 | 4.58 | cps |
| Selenium | 78-2 | 503 | 520 | 560 | 528 | 5.52 | cps |
| Silicon | 28-1 | 32409906 | 32512175 | 32508363 | 32476815 | 0.18 | cps |
| Silver | 107-1 | 27860 | 28518 | 28401 | 28260 | 1.24 | cps |
| Silver | 109-1 | 26888 | 27135 | 27309 | 27111 | 0.78 | cps |
| Sodium | 23-2 | 263014 | 259621 | 260986 | 261207 | 0.65 | cps |
| Strontium | 86-1 | 448218 | 447001 | 448903 | 448040 | 0.22 | cps |
| Strontium | 88-1 | 4055641 | 3923840 | 3984280 | 3987921 | 1.65 | cps |
| Sulfur | 34-1 | 236295 | 237136 | 237406 | 236946 | 0.24 | cps |
| Terbium | 159-1 | 15009902 | 15002767 | 15161864 | 15058178 | 0.60 | cps |
| Terbium | 159-2 | 10474956 | 10240844 | 10210031 | 10308610 | 1.41 | cps |
| Thallium | 203-1 | 8573 | 8940 | 9080 | 8864 | 2.95 | cps |
| Thallium | 205-1 | 20706 | 20702 | 20425 | 20611 | 0.78 | cps |
| Tin | 118-1 | 59730 | 59706 | 60084 | 59840 | 0.35 | cps |
| Titanium | 47-1 | 474597 | 476030 | 473717 | 474781 | 0.25 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2917 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:32:51 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 36233 | 36557 | 36259 | 36350 | 0.49 | cps |
| Vanadium | 51-2 | 250241 | 246958 | 248819 | 248673 | 0.66 | cps |
| Yttrium | 89-1 | 14486609 | 14206899 | 14412321 | 14368610 | 1.01 | cps |
| Yttrium | 89-2 | 3693495 | 3707564 | 3689583 | 3696881 | 0.26 | cps |
| Zinc | 66-2 | 1087507 | 1079955 | 1080473 | 1082645 | 0.39 | cps |
| Zirconium | 90-1 | 33328 | 34935 | 34013 | 34092 | 2.37 | cps |
| Zirconium | 91-1 | 7849 | 7759 | 7499 | 7702 | 2.36 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2918 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:35:57 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3026914 | 2968588 | 3009469 | 3001657 | 1.00 | cps |
| Antimony | 121-1 | 36413 | 36617 | 36740 | 36590 | 0.45 | cps |
| Arsenic | 75-2 | 9930 | 9663 | 9493 | 9695 | 2.27 | cps |
| Barium | 135-1 | 478124 | 481549 | 483643 | 481106 | 0.58 | cps |
| Barium | 137-1 | 827732 | 838456 | 837322 | 834503 | 0.71 | cps |
| Beryllium | 9-1 | 1807 | 1717 | 1773 | 1766 | 2.58 | cps |
| Bismuth | 209-1 | 8987724 | 8751175 | 8892759 | 8877220 | 1.34 | cps |
| Bismuth | 209-2 | 7458376 | 7402807 | 7507596 | 7456260 | 0.70 | cps |
| Bromine | 81-1 | 19510 | 20214 | 19797 | 19840 | 1.78 | cps |
| Bromine | 81-2 | 1280 | 1187 | 1213 | 1227 | 3.92 | cps |
| Cadmium | 108-1 | 940 | 907 | 1000 | 949 | 4.98 | cps |
| Cadmium | 106-1 | 4908 | 4844 | 4714 | 4822 | 2.04 | cps |
| Cadmium | 111-1 | 14692 | 15075 | 14995 | 14921 | 1.35 | cps |
| Calcium | 43-1 | 3113216 | 3079081 | 3126062 | 3106120 | 0.78 | cps |
| Calcium | 44-1 | 49699839 | 49454674 | 49920908 | 49691807 | 0.47 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1387940 | 1351326 | 1380011 | 1373092 | 1.40 | cps |
| Cobalt | 59-2 | 111903 | 111063 | 111312 | 111426 | 0.39 | cps |
| Copper | 63-2 | 363212 | 365086 | 365835 | 364711 | 0.37 | cps |
| Dysprosium | 156-1 | 41802 | 42614 | 42253 | 42223 | 0.96 | cps |
| Dysprosium | 156-2 | 33928 | 34208 | 33730 | 33955 | 0.71 | cps |
| Erbium | 164-1 | 37200 | 37427 | 37082 | 37236 | 0.47 | cps |
| Erbium | 164-2 | 26619 | 27023 | 26699 | 26780 | 0.80 | cps |
| Gadolinium | 160-1 | 40465 | 41388 | 41558 | 41137 | 1.43 | cps |
| Gadolinium | 160-2 | 30704 | 31088 | 31131 | 30974 | 0.76 | cps |
| Holmium | 165-1 | 15165893 | 14751235 | 14682494 | 14866541 | 1.76 | cps |
| Holmium | 165-2 | 10766287 | 10487452 | 10419359 | 10557699 | 1.74 | cps |
| Indium | 115-1 | 12016211 | 11744781 | 11735139 | 11832044 | 1.35 | cps |
| Indium | 115-2 | 4189132 | 4145290 | 4133551 | 4155991 | 0.70 | cps |
| Iron | 56-2 | 605759724 | 606694871 | 601754658 | 604736418 | 0.43 | cps |
| Iron | 57-2 | 14952567 | 15058203 | 14906595 | 14972455 | 0.52 | cps |
| Iron | 54-2 | 32692780 | 32777944 | 32649350 | 32706691 | 0.20 | cps |
| Krypton | 83-1 | 353 | 240 | 303 | 299 | 19.00 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2918 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:35:57 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5569738 | 5480668 | 5531574 | 5527327 | 0.81 | cps |
| Lead | 207-1 | 4681205 | 4671908 | 4646869 | 4666661 | 0.38 | cps |
| Lead | 208-1 | 21625422 | 21496180 | 21351489 | 21491030 | 0.64 | cps |
| Lithium | 6-1 | 1700805 | 1746403 | 1729004 | 1725404 | 1.33 | cps |
| Magnesium | 24-2 | 11541438 | 11465468 | 11489607 | 11498838 | 0.34 | cps |
| Manganese | 55-2 | 24404149 | 24290455 | 24315480 | 24336694 | 0.25 | cps |
| Molybdenum | 94-1 | 44400 | 45778 | 45644 | 45274 | 1.68 | cps |
| Molybdenum | 95-1 | 49390 | 51085 | 50072 | 50182 | 1.70 | cps |
| Molybdenum | 96-1 | 62466 | 64096 | 63470 | 63344 | 1.30 | cps |
| Molybdenum | 97-1 | 30552 | 30946 | 30762 | 30753 | 0.64 | cps |
| Molybdenum | 98-1 | 79957 | 80453 | 80691 | 80367 | 0.47 | cps |
| Neodymium | 150-1 | 65367 | 66650 | 66047 | 66021 | 0.97 | cps |
| Neodymium | 150-2 | 39077 | 39833 | 39539 | 39483 | 0.96 | cps |
| Nickel | 60-2 | 268477 | 266148 | 263434 | 266020 | 0.95 | cps |
| Phosphorus | 31-2 | 13976 | 13756 | 13870 | 13867 | 0.79 | cps |
| Potassium | 39-2 | 992115 | 992328 | 995818 | 993420 | 0.21 | cps |
| Rhodium | 103-1 | 11070491 | 10816212 | 10692993 | 10859899 | 1.77 | cps |
| Rhodium | 103-2 | 6384854 | 6294286 | 6418803 | 6365981 | 1.01 | cps |
| Scandium | 45-1 | 6529991 | 6334734 | 6403529 | 6422752 | 1.54 | cps |
| Scandium | 45-2 | 530007 | 526630 | 527810 | 528149 | 0.32 | cps |
| Selenium | 82-1 | 289 | 370 | 287 | 315 | 15.06 | cps |
| Selenium | 77-2 | 117 | 150 | 120 | 129 | 14.24 | cps |
| Selenium | 78-2 | 440 | 563 | 523 | 509 | 12.37 | cps |
| Silicon | 28-1 | 24110683 | 24072060 | 24192368 | 24125037 | 0.25 | cps |
| Silver | 107-1 | 33175 | 33295 | 32069 | 32846 | 2.06 | cps |
| Silver | 109-1 | 31003 | 30926 | 31484 | 31138 | 0.97 | cps |
| Sodium | 23-2 | 228527 | 227493 | 228612 | 228211 | 0.27 | cps |
| Strontium | 86-1 | 426719 | 432395 | 428740 | 429285 | 0.67 | cps |
| Strontium | 88-1 | 3812974 | 3876082 | 3829313 | 3839456 | 0.85 | cps |
| Sulfur | 34-1 | 242261 | 244967 | 242241 | 243156 | 0.65 | cps |
| Terbium | 159-1 | 15548482 | 15022144 | 15148231 | 15239619 | 1.80 | cps |
| Terbium | 159-2 | 10517185 | 10242121 | 10128783 | 10296030 | 1.94 | cps |
| Thallium | 203-1 | 9223 | 9270 | 8903 | 9132 | 2.19 | cps |
| Thallium | 205-1 | 21447 | 21357 | 21797 | 21534 | 1.08 | cps |
| Tin | 118-1 | 70914 | 70984 | 70264 | 70720 | 0.56 | cps |
| Titanium | 47-1 | 580052 | 581959 | 583844 | 581952 | 0.33 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2918 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:35:57 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39793 | 40478 | 40110 | 40127 | 0.85 | cps |
| Vanadium | 51-2 | 311801 | 313561 | 312609 | 312657 | 0.28 | cps |
| Yttrium | 89-1 | 14921938 | 14493391 | 14477904 | 14631077 | 1.72 | cps |
| Yttrium | 89-2 | 3790036 | 3709471 | 3702706 | 3734071 | 1.30 | cps |
| Zinc | 66-2 | 1224514 | 1227714 | 1224727 | 1225651 | 0.15 | cps |
| Zirconium | 90-1 | 44892 | 44952 | 46182 | 45342 | 1.61 | cps |
| Zirconium | 91-1 | 9823 | 10150 | 10124 | 10032 | 1.81 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:39:06 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3821578 | 3816826 | 3827462 | 3821955 | 0.14 | cps |
| Antimony | 121-1 | 20581 | 20822 | 21119 | 20841 | 1.29 | cps |
| Arsenic | 75-2 | 9717 | 9590 | 9543 | 9617 | 0.93 | cps |
| Barium | 135-1 | 582280 | 585868 | 581669 | 583272 | 0.39 | cps |
| Barium | 137-1 | 1009731 | 1019409 | 1014759 | 1014633 | 0.48 | cps |
| Beryllium | 9-1 | 1877 | 1807 | 1833 | 1839 | 1.92 | cps |
| Bismuth | 209-1 | 8772445 | 8689447 | 8687283 | 8716392 | 0.56 | cps |
| Bismuth | 209-2 | 7376293 | 7294190 | 7301724 | 7324069 | 0.62 | cps |
| Bromine | 81-1 | 19723 | 19733 | 19890 | 19782 | 0.47 | cps |
| Bromine | 81-2 | 1053 | 1203 | 1150 | 1136 | 6.70 | cps |
| Cadmium | 108-1 | 1203 | 1100 | 1270 | 1191 | 7.19 | cps |
| Cadmium | 106-1 | 5191 | 5094 | 5098 | 5128 | 1.07 | cps |
| Cadmium | 111-1 | 17833 | 17954 | 17864 | 17884 | 0.35 | cps |
| Calcium | 43-1 | 4290478 | 4305270 | 4316427 | 4304058 | 0.30 | cps |
| Calcium | 44-1 | 69219651 | 68800161 | 68877954 | 68965922 | 0.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2930420 | 2243897 | 2269325 | 2481214 | 15.69 | cps |
| Cobalt | 59-2 | 134234 | 133258 | 133070 | 133521 | 0.47 | cps |
| Copper | 63-2 | 416807 | 415313 | 416297 | 416139 | 0.18 | cps |
| Dysprosium | 156-1 | 49985 | 49694 | 49734 | 49805 | 0.32 | cps |
| Dysprosium | 156-2 | 39957 | 39866 | 39803 | 39875 | 0.19 | cps |
| Erbium | 164-1 | 42725 | 45009 | 43558 | 43764 | 2.64 | cps |
| Erbium | 164-2 | 31359 | 30857 | 31709 | 31308 | 1.37 | cps |
| Gadolinium | 160-1 | 48784 | 48845 | 47958 | 48529 | 1.02 | cps |
| Gadolinium | 160-2 | 37086 | 36818 | 36725 | 36876 | 0.51 | cps |
| Holmium | 165-1 | 14717169 | 14725691 | 14616669 | 14686510 | 0.41 | cps |
| Holmium | 165-2 | 10521174 | 10447020 | 10198629 | 10388941 | 1.63 | cps |
| Indium | 115-1 | 11548586 | 11680762 | 11731681 | 11653676 | 0.81 | cps |
| Indium | 115-2 | 4197072 | 4101142 | 4087738 | 4128651 | 1.44 | cps |
| Iron | 56-2 | 717886923 | 713310176 | 706080896 | 712425998 | 0.84 | cps |
| Iron | 57-2 | 17593296 | 17617201 | 17620100 | 17610199 | 0.08 | cps |
| Iron | 54-2 | 38548265 | 38584001 | 38048410 | 38393559 | 0.78 | cps |
| Krypton | 83-1 | 257 | 277 | 277 | 270 | 4.28 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:39:06 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5617971 | 5587703 | 5627977 | 5611217 | 0.37 | cps |
| Lead | 207-1 | 4777268 | 4758336 | 4746079 | 4760561 | 0.33 | cps |
| Lead | 208-1 | 22008770 | 21860975 | 21898413 | 21922719 | 0.35 | cps |
| Lithium | 6-1 | 1746671 | 1695673 | 1697162 | 1713169 | 1.69 | cps |
| Magnesium | 24-2 | 14533530 | 14617594 | 14492851 | 14547992 | 0.44 | cps |
| Manganese | 55-2 | 38867219 | 38853822 | 38763619 | 38828220 | 0.15 | cps |
| Molybdenum | 94-1 | 64485 | 65191 | 64481 | 64719 | 0.63 | cps |
| Molybdenum | 95-1 | 63323 | 63416 | 63520 | 63420 | 0.16 | cps |
| Molybdenum | 96-1 | 80939 | 80520 | 80875 | 80778 | 0.28 | cps |
| Molybdenum | 97-1 | 38885 | 39286 | 39490 | 39220 | 0.78 | cps |
| Molybdenum | 98-1 | 100694 | 99435 | 101136 | 100422 | 0.88 | cps |
| Neodymium | 150-1 | 76502 | 78099 | 77206 | 77269 | 1.04 | cps |
| Neodymium | 150-2 | 46346 | 46062 | 45955 | 46121 | 0.44 | cps |
| Nickel | 60-2 | 321417 | 319963 | 317873 | 319751 | 0.56 | cps |
| Phosphorus | 31-2 | 19099 | 19709 | 18595 | 19134 | 2.92 | cps |
| Potassium | 39-2 | 1304105 | 1267010 | 1288766 | 1286627 | 1.45 | cps |
| Rhodium | 103-1 | 10656535 | 10536000 | 10413413 | 10535316 | 1.15 | cps |
| Rhodium | 103-2 | 6330271 | 6251775 | 6223685 | 6268577 | 0.88 | cps |
| Scandium | 45-1 | 6383209 | 6296070 | 6259633 | 6312971 | 1.01 | cps |
| Scandium | 45-2 | 520300 | 514024 | 516300 | 516875 | 0.61 | cps |
| Selenium | 82-1 | 393 | 309 | 337 | 346 | 12.38 | cps |
| Selenium | 77-2 | 110 | 143 | 103 | 119 | 18.03 | cps |
| Selenium | 78-2 | 603 | 547 | 530 | 560 | 6.87 | cps |
| Silicon | 28-1 | 27748010 | 28716622 | 29635142 | 28699925 | 3.29 | cps |
| Silver | 107-1 | 32483 | 32152 | 32329 | 32322 | 0.51 | cps |
| Silver | 109-1 | 30652 | 30536 | 30689 | 30626 | 0.26 | cps |
| Sodium | 23-2 | 257706 | 255724 | 255580 | 256337 | 0.46 | cps |
| Strontium | 86-1 | 612806 | 614987 | 610030 | 612608 | 0.41 | cps |
| Strontium | 88-1 | 5502871 | 5519797 | 5465362 | 5496010 | 0.51 | cps |
| Sulfur | 34-1 | 247381 | 248113 | 247856 | 247783 | 0.15 | cps |
| Terbium | 159-1 | 15128798 | 15003311 | 15140646 | 15090918 | 0.50 | cps |
| Terbium | 159-2 | 10489358 | 10234779 | 10310545 | 10344894 | 1.26 | cps |
| Thallium | 203-1 | 9213 | 9613 | 9190 | 9339 | 2.55 | cps |
| Thallium | 205-1 | 21975 | 22068 | 21721 | 21921 | 0.82 | cps |
| Tin | 118-1 | 69041 | 69818 | 68425 | 69095 | 1.01 | cps |
| Titanium | 47-1 | 995994 | 994936 | 991029 | 993986 | 0.26 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:39:06 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 49144 | 49923 | 50977 | 50014 | 1.84 | cps |
| Vanadium | 51-2 | 551525 | 543398 | 545251 | 546724 | 0.78 | cps |
| Yttrium | 89-1 | 14571950 | 14365876 | 14525326 | 14487718 | 0.75 | cps |
| Yttrium | 89-2 | 3728805 | 3639927 | 3655642 | 3674791 | 1.29 | cps |
| Zinc | 66-2 | 1275994 | 1274730 | 1274610 | 1275112 | 0.06 | cps |
| Zirconium | 90-1 | 76707 | 95114 | 76274 | 82698 | 13.00 | cps |
| Zirconium | 91-1 | 17705 | 18182 | 17911 | 17933 | 1.34 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:42:09 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3944440 | 3962647 | 3990877 | 3965988 | 0.59 | cps |
| Antimony | 121-1 | 30145 | 30536 | 30088 | 30256 | 0.81 | cps |
| Arsenic | 75-2 | 12882 | 12859 | 13002 | 12915 | 0.60 | cps |
| Barium | 135-1 | 613880 | 614323 | 614177 | 614126 | 0.04 | cps |
| Barium | 137-1 | 1056739 | 1055476 | 1067133 | 1059783 | 0.60 | cps |
| Beryllium | 9-1 | 2320 | 2444 | 2537 | 2434 | 4.47 | cps |
| Bismuth | 209-1 | 8898503 | 8930679 | 8762851 | 8864011 | 1.00 | cps |
| Bismuth | 209-2 | 7405367 | 7343202 | 7363286 | 7370618 | 0.43 | cps |
| Bromine | 81-1 | 18762 | 19289 | 18408 | 18820 | 2.36 | cps |
| Bromine | 81-2 | 920 | 907 | 750 | 859 | 11.01 | cps |
| Cadmium | 108-1 | 1810 | 1667 | 1857 | 1778 | 5.57 | cps |
| Cadmium | 106-1 | 5981 | 6021 | 6085 | 6029 | 0.86 | cps |
| Cadmium | 111-1 | 24947 | 25195 | 24783 | 24975 | 0.83 | cps |
| Calcium | 43-1 | 4016077 | 4039081 | 4071068 | 4042075 | 0.68 | cps |
| Calcium | 44-1 | 64183341 | 64309554 | 64272702 | 64255199 | 0.10 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3240073 | 3286934 | 3245688 | 3257565 | 0.79 | cps |
| Cobalt | 59-2 | 130847 | 127943 | 128192 | 128994 | 1.25 | cps |
| Copper | 63-2 | 583484 | 583534 | 589569 | 585529 | 0.60 | cps |
| Dysprosium | 156-1 | 38954 | 38824 | 38225 | 38667 | 1.00 | cps |
| Dysprosium | 156-2 | 31572 | 30366 | 30667 | 30868 | 2.03 | cps |
| Erbium | 164-1 | 34653 | 35716 | 35906 | 35425 | 1.91 | cps |
| Erbium | 164-2 | 24949 | 25226 | 24952 | 25043 | 0.64 | cps |
| Gadolinium | 160-1 | 37687 | 37443 | 37874 | 37668 | 0.57 | cps |
| Gadolinium | 160-2 | 28846 | 28105 | 28696 | 28549 | 1.37 | cps |
| Holmium | 165-1 | 15138939 | 14604069 | 14556983 | 14766664 | 2.19 | cps |
| Holmium | 165-2 | 10382644 | 10475347 | 10273413 | 10377135 | 0.97 | cps |
| Indium | 115-1 | 12065897 | 11776851 | 11722306 | 11855018 | 1.56 | cps |
| Indium | 115-2 | 4132279 | 4109191 | 4100628 | 4114033 | 0.40 | cps |
| Iron | 56-2 | 1164422516 | 1151810970 | 1156712036 | 1157648507 | 0.55 | cps |
| Iron | 57-2 | 28510384 | 28600089 | 28282626 | 28464366 | 0.57 | cps |
| Iron | 54-2 | 62098566 | 62312636 | 62210049 | 62207084 | 0.17 | cps |
| Krypton | 83-1 | 277 | 240 | 283 | 267 | 8.75 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:42:09 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9847638 | 10063631 | 10065657 | 9992309 | 1.25 | cps |
| Lead | 207-1 | 8388064 | 8533700 | 8369112 | 8430292 | 1.07 | cps |
| Lead | 208-1 | 38751374 | 39557499 | 38985304 | 39098059 | 1.06 | cps |
| Lithium | 6-1 | 1748814 | 1696530 | 1706130 | 1717158 | 1.62 | cps |
| Magnesium | 24-2 | 10316915 | 10297395 | 10214463 | 10276258 | 0.53 | cps |
| Manganese | 55-2 | 53722134 | 53753571 | 54151594 | 53875766 | 0.44 | cps |
| Molybdenum | 94-1 | 84975 | 84834 | 86383 | 85397 | 1.00 | cps |
| Molybdenum | 95-1 | 89622 | 88847 | 89672 | 89381 | 0.52 | cps |
| Molybdenum | 96-1 | 113865 | 114285 | 116207 | 114786 | 1.09 | cps |
| Molybdenum | 97-1 | 54993 | 56412 | 55090 | 55498 | 1.43 | cps |
| Molybdenum | 98-1 | 142662 | 142668 | 143675 | 143002 | 0.41 | cps |
| Neodymium | 150-1 | 57932 | 58082 | 58276 | 58097 | 0.30 | cps |
| Neodymium | 150-2 | 34963 | 34485 | 34148 | 34532 | 1.19 | cps |
| Nickel | 60-2 | 469616 | 468256 | 468738 | 468870 | 0.15 | cps |
| Phosphorus | 31-2 | 20841 | 20968 | 20828 | 20879 | 0.37 | cps |
| Potassium | 39-2 | 1039441 | 1044231 | 1040332 | 1041335 | 0.24 | cps |
| Rhodium | 103-1 | 10794105 | 10633849 | 10626497 | 10684817 | 0.89 | cps |
| Rhodium | 103-2 | 6300637 | 6309551 | 6320112 | 6310100 | 0.15 | cps |
| Scandium | 45-1 | 6462150 | 6375277 | 6292076 | 6376501 | 1.33 | cps |
| Scandium | 45-2 | 519825 | 523211 | 521272 | 521436 | 0.33 | cps |
| Selenium | 82-1 | 341 | 377 | 317 | 345 | 8.85 | cps |
| Selenium | 77-2 | 100 | 107 | 127 | 111 | 12.49 | cps |
| Selenium | 78-2 | 487 | 477 | 483 | 482 | 1.06 | cps |
| Silicon | 28-1 | 24677009 | 24673573 | 24872978 | 24741187 | 0.46 | cps |
| Silver | 107-1 | 60388 | 60000 | 60579 | 60322 | 0.49 | cps |
| Silver | 109-1 | 57483 | 57644 | 58002 | 57710 | 0.46 | cps |
| Sodium | 23-2 | 308967 | 309604 | 309801 | 309457 | 0.14 | cps |
| Strontium | 86-1 | 644477 | 654479 | 650029 | 649662 | 0.77 | cps |
| Strontium | 88-1 | 5849560 | 5830738 | 5827752 | 5836017 | 0.20 | cps |
| Sulfur | 34-1 | 243093 | 245189 | 241302 | 243195 | 0.80 | cps |
| Terbium | 159-1 | 15233479 | 15034499 | 14933686 | 15067222 | 1.01 | cps |
| Terbium | 159-2 | 10376752 | 10198014 | 10215946 | 10263571 | 0.96 | cps |
| Thallium | 203-1 | 15806 | 15646 | 15662 | 15705 | 0.56 | cps |
| Thallium | 205-1 | 36927 | 37338 | 36760 | 37008 | 0.80 | cps |
| Tin | 118-1 | 124546 | 126674 | 126886 | 126035 | 1.03 | cps |
| Titanium | 47-1 | 1126165 | 1140826 | 1132108 | 1133033 | 0.65 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:42:09 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 54695 | 55321 | 53885 | 54634 | 1.32 | cps |
| Vanadium | 51-2 | 702748 | 702559 | 696395 | 700567 | 0.52 | cps |
| Yttrium | 89-1 | 14722140 | 14384102 | 14546307 | 14550850 | 1.16 | cps |
| Yttrium | 89-2 | 3650491 | 3682703 | 3643627 | 3658940 | 0.57 | cps |
| Zinc | 66-2 | 2573099 | 2592402 | 2598286 | 2587929 | 0.51 | cps |
| Zirconium | 90-1 | 90151 | 92646 | 93636 | 92144 | 1.95 | cps |
| Zirconium | 91-1 | 20247 | 20448 | 20468 | 20388 | 0.60 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2921 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:45:16 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5892999 | 5846630 | 5827455 | 5855695 | 0.58 | cps |
| Antimony | 121-1 | 7195 | 7195 | 7372 | 7254 | 1.41 | cps |
| Arsenic | 75-2 | 9116 | 9196 | 9250 | 9187 | 0.73 | cps |
| Barium | 135-1 | 815312 | 817352 | 815353 | 816006 | 0.14 | cps |
| Barium | 137-1 | 1405222 | 1417525 | 1415370 | 1412706 | 0.47 | cps |
| Beryllium | 9-1 | 2147 | 2250 | 2124 | 2174 | 3.10 | cps |
| Bismuth | 209-1 | 8763371 | 8888576 | 8685784 | 8779244 | 1.17 | cps |
| Bismuth | 209-2 | 7371589 | 7262868 | 7282306 | 7305588 | 0.79 | cps |
| Bromine | 81-1 | 16179 | 16025 | 17120 | 16441 | 3.60 | cps |
| Bromine | 81-2 | 690 | 613 | 713 | 672 | 7.78 | cps |
| Cadmium | 108-1 | 193 | 240 | 193 | 209 | 12.90 | cps |
| Cadmium | 106-1 | 3741 | 3701 | 3527 | 3656 | 3.10 | cps |
| Cadmium | 111-1 | 3683 | 3569 | 3547 | 3600 | 2.03 | cps |
| Calcium | 43-1 | 2743326 | 2730939 | 2698277 | 2724181 | 0.85 | cps |
| Calcium | 44-1 | 43660438 | 43068744 | 42984673 | 43237952 | 0.85 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 222923 | 223237 | 219135 | 221765 | 1.03 | cps |
| Cobalt | 59-2 | 194918 | 196046 | 194085 | 195017 | 0.50 | cps |
| Copper | 63-2 | 210776 | 212990 | 212712 | 212159 | 0.57 | cps |
| Dysprosium | 156-1 | 73909 | 74717 | 75525 | 74717 | 1.08 | cps |
| Dysprosium | 156-2 | 59037 | 58417 | 58936 | 58797 | 0.57 | cps |
| Erbium | 164-1 | 60209 | 60634 | 60969 | 60604 | 0.63 | cps |
| Erbium | 164-2 | 43939 | 43036 | 41665 | 42880 | 2.67 | cps |
| Gadolinium | 160-1 | 73448 | 75009 | 73260 | 73906 | 1.30 | cps |
| Gadolinium | 160-2 | 55048 | 54673 | 54351 | 54691 | 0.64 | cps |
| Holmium | 165-1 | 14816450 | 14805870 | 14727940 | 14783420 | 0.33 | cps |
| Holmium | 165-2 | 10430454 | 10179528 | 10373341 | 10327774 | 1.27 | cps |
| Indium | 115-1 | 11733674 | 11458064 | 11584338 | 11592025 | 1.19 | cps |
| Indium | 115-2 | 4096634 | 4072305 | 4048111 | 4072350 | 0.60 | cps |
| Iron | 56-2 | 239867643 | 241596903 | 239322550 | 240262365 | 0.49 | cps |
| Iron | 57-2 | 5934350 | 5932096 | 5900784 | 5922410 | 0.32 | cps |
| Iron | 54-2 | 12900532 | 13041389 | 12921754 | 12954559 | 0.59 | cps |
| Krypton | 83-1 | 283 | 270 | 290 | 281 | 3.62 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2921 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:45:16 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 366484 | 361633 | 367999 | 365372 | 0.91 | cps |
| Lead | 207-1 | 300640 | 300969 | 300548 | 300719 | 0.07 | cps |
| Lead | 208-1 | 1400776 | 1400784 | 1415443 | 1405668 | 0.60 | cps |
| Lithium | 6-1 | 1782435 | 1805138 | 1774388 | 1787320 | 0.89 | cps |
| Magnesium | 24-2 | 12188574 | 12175938 | 12077808 | 12147440 | 0.50 | cps |
| Manganese | 55-2 | 3635176 | 3664226 | 3618120 | 3639174 | 0.64 | cps |
| Molybdenum | 94-1 | 59262 | 59477 | 60170 | 59636 | 0.80 | cps |
| Molybdenum | 95-1 | 17691 | 17754 | 17731 | 17725 | 0.18 | cps |
| Molybdenum | 96-1 | 29410 | 30929 | 30091 | 30143 | 2.53 | cps |
| Molybdenum | 97-1 | 11278 | 11171 | 10971 | 11140 | 1.40 | cps |
| Molybdenum | 98-1 | 28401 | 28805 | 28662 | 28623 | 0.72 | cps |
| Neodymium | 150-1 | 112403 | 114413 | 114325 | 113714 | 1.00 | cps |
| Neodymium | 150-2 | 67534 | 68241 | 67098 | 67624 | 0.85 | cps |
| Nickel | 60-2 | 127093 | 126397 | 126514 | 126668 | 0.29 | cps |
| Phosphorus | 31-2 | 10644 | 10977 | 10871 | 10831 | 1.57 | cps |
| Potassium | 39-2 | 1766433 | 1702494 | 1727656 | 1732194 | 1.86 | cps |
| Rhodium | 103-1 | 10546791 | 10506262 | 10416747 | 10489933 | 0.63 | cps |
| Rhodium | 103-2 | 6274724 | 6234739 | 6220562 | 6243341 | 0.45 | cps |
| Scandium | 45-1 | 6340970 | 6281285 | 6201419 | 6274558 | 1.12 | cps |
| Scandium | 45-2 | 508708 | 509265 | 507186 | 508386 | 0.21 | cps |
| Selenium | 82-1 | 312 | 268 | 220 | 267 | 17.23 | cps |
| Selenium | 77-2 | 197 | 200 | 163 | 187 | 10.86 | cps |
| Selenium | 78-2 | 513 | 570 | 433 | 506 | 13.58 | cps |
| Silicon | 28-1 | 26745460 | 27032778 | 26683570 | 26820602 | 0.69 | cps |
| Silver | 107-1 | 2400 | 2140 | 1947 | 2162 | 10.52 | cps |
| Silver | 109-1 | 2264 | 1800 | 1867 | 1977 | 12.67 | cps |
| Sodium | 23-2 | 191816 | 192200 | 192148 | 192055 | 0.11 | cps |
| Strontium | 86-1 | 496970 | 499728 | 497460 | 498053 | 0.30 | cps |
| Strontium | 88-1 | 4481492 | 4498937 | 4500246 | 4493558 | 0.23 | cps |
| Sulfur | 34-1 | 223010 | 222786 | 222066 | 222621 | 0.22 | cps |
| Terbium | 159-1 | 15039719 | 15105082 | 15066402 | 15070401 | 0.22 | cps |
| Terbium | 159-2 | 10278980 | 10215326 | 10152461 | 10215589 | 0.62 | cps |
| Thallium | 203-1 | 2810 | 2937 | 3007 | 2918 | 3.42 | cps |
| Thallium | 205-1 | 6608 | 6878 | 6732 | 6740 | 2.01 | cps |
| Tin | 118-1 | 11425 | 11568 | 11601 | 11531 | 0.81 | cps |
| Titanium | 47-1 | 338111 | 337771 | 337696 | 337859 | 0.07 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2921 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:45:16 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 64201 | 65628 | 65112 | 64980 | 1.11 | cps |
| Vanadium | 51-2 | 263896 | 263029 | 261962 | 262962 | 0.37 | cps |
| Yttrium | 89-1 | 14509351 | 14269124 | 14384966 | 14387814 | 0.84 | cps |
| Yttrium | 89-2 | 3666222 | 3645812 | 3610860 | 3640965 | 0.77 | cps |
| Zinc | 66-2 | 133268 | 132703 | 131025 | 132332 | 0.88 | cps |
| Zirconium | 90-1 | 134029 | 136370 | 135932 | 135443 | 0.92 | cps |
| Zirconium | 91-1 | 29536 | 30535 | 29947 | 30006 | 1.67 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:48:26 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5293453 | 5319613 | 5344370 | 5319145 | 0.48 | cps |
| Antimony | 121-1 | 5584 | 5668 | 5401 | 5551 | 2.46 | cps |
| Arsenic | 75-2 | 12445 | 11958 | 12322 | 12242 | 2.07 | cps |
| Barium | 135-1 | 529520 | 534169 | 534449 | 532713 | 0.52 | cps |
| Barium | 137-1 | 914510 | 925233 | 934942 | 924895 | 1.11 | cps |
| Beryllium | 9-1 | 2063 | 1960 | 2070 | 2031 | 3.04 | cps |
| Bismuth | 209-1 | 8958255 | 8608218 | 8658583 | 8741685 | 2.16 | cps |
| Bismuth | 209-2 | 7199828 | 7288862 | 7348676 | 7279122 | 1.03 | cps |
| Bromine | 81-1 | 16596 | 16690 | 16336 | 16540 | 1.11 | cps |
| Bromine | 81-2 | 647 | 730 | 767 | 714 | 8.61 | cps |
| Cadmium | 108-1 | 287 | 267 | 253 | 269 | 6.24 | cps |
| Cadmium | 106-1 | 3681 | 3847 | 3567 | 3698 | 3.81 | cps |
| Cadmium | 111-1 | 4132 | 4287 | 4066 | 4162 | 2.71 | cps |
| Calcium | 43-1 | 3358305 | 3384848 | 3365815 | 3369656 | 0.41 | cps |
| Calcium | 44-1 | 53724693 | 54415821 | 54304418 | 54148310 | 0.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 223802 | 222250 | 221400 | 222484 | 0.55 | cps |
| Cobalt | 59-2 | 199493 | 199285 | 202379 | 200386 | 0.86 | cps |
| Copper | 63-2 | 289633 | 289821 | 292402 | 290619 | 0.53 | cps |
| Dysprosium | 156-1 | 82108 | 82601 | 82728 | 82479 | 0.40 | cps |
| Dysprosium | 156-2 | 64762 | 65786 | 65308 | 65285 | 0.79 | cps |
| Erbium | 164-1 | 69230 | 68654 | 69478 | 69121 | 0.61 | cps |
| Erbium | 164-2 | 48554 | 48768 | 49538 | 48953 | 1.06 | cps |
| Gadolinium | 160-1 | 80661 | 82491 | 80714 | 81288 | 1.28 | cps |
| Gadolinium | 160-2 | 60516 | 61307 | 60905 | 60909 | 0.65 | cps |
| Holmium | 165-1 | 15059141 | 14747194 | 14539350 | 14781895 | 1.77 | cps |
| Holmium | 165-2 | 10166374 | 10361637 | 10252463 | 10260158 | 0.95 | cps |
| Indium | 115-1 | 11838380 | 11488727 | 11442177 | 11589761 | 1.87 | cps |
| Indium | 115-2 | 4043508 | 4079024 | 4055803 | 4059445 | 0.44 | cps |
| Iron | 56-2 | 237792796 | 239337150 | 240502296 | 239210748 | 0.57 | cps |
| Iron | 57-2 | 5863139 | 5861605 | 5944516 | 5889754 | 0.81 | cps |
| Iron | 54-2 | 12612839 | 12921557 | 12874655 | 12803017 | 1.30 | cps |
| Krypton | 83-1 | 257 | 287 | 293 | 279 | 7.00 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:48:26 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 463736 | 472670 | 470843 | 469083 | 1.01 | cps |
| Lead | 207-1 | 383799 | 385765 | 384254 | 384606 | 0.27 | cps |
| Lead | 208-1 | 1789768 | 1816792 | 1813997 | 1806852 | 0.82 | cps |
| Lithium | 6-1 | 1802834 | 1737521 | 1768024 | 1769460 | 1.85 | cps |
| Magnesium | 24-2 | 17807665 | 17950314 | 17832689 | 17863556 | 0.43 | cps |
| Manganese | 55-2 | 4189639 | 4207732 | 4252863 | 4216745 | 0.77 | cps |
| Molybdenum | 94-1 | 53818 | 53935 | 54869 | 54208 | 1.06 | cps |
| Molybdenum | 95-1 | 22280 | 22905 | 22774 | 22653 | 1.45 | cps |
| Molybdenum | 96-1 | 33518 | 33976 | 34213 | 33903 | 1.04 | cps |
| Molybdenum | 97-1 | 13873 | 14267 | 14214 | 14118 | 1.51 | cps |
| Molybdenum | 98-1 | 35797 | 36452 | 36232 | 36160 | 0.92 | cps |
| Neodymium | 150-1 | 124281 | 127580 | 125334 | 125732 | 1.34 | cps |
| Neodymium | 150-2 | 75484 | 75276 | 76026 | 75596 | 0.51 | cps |
| Nickel | 60-2 | 133064 | 133676 | 133094 | 133278 | 0.26 | cps |
| Phosphorus | 31-2 | 12926 | 12889 | 13122 | 12979 | 0.97 | cps |
| Potassium | 39-2 | 1641640 | 1661643 | 1668140 | 1657141 | 0.83 | cps |
| Rhodium | 103-1 | 10772981 | 10347304 | 10303564 | 10474616 | 2.48 | cps |
| Rhodium | 103-2 | 6247143 | 6207228 | 6197192 | 6217188 | 0.42 | cps |
| Scandium | 45-1 | 6388282 | 6206072 | 6211075 | 6268476 | 1.66 | cps |
| Scandium | 45-2 | 509683 | 515561 | 514075 | 513106 | 0.60 | cps |
| Selenium | 82-1 | 347 | 312 | 226 | 295 | 21.03 | cps |
| Selenium | 77-2 | 217 | 223 | 187 | 209 | 9.35 | cps |
| Selenium | 78-2 | 560 | 623 | 533 | 572 | 8.08 | cps |
| Silicon | 28-1 | 25552069 | 26022599 | 26473354 | 26016007 | 1.77 | cps |
| Silver | 107-1 | 2910 | 2877 | 2887 | 2891 | 0.59 | cps |
| Silver | 109-1 | 2557 | 2724 | 2660 | 2647 | 3.18 | cps |
| Sodium | 23-2 | 202556 | 205021 | 204083 | 203887 | 0.61 | cps |
| Strontium | 86-1 | 465510 | 468729 | 473040 | 469093 | 0.81 | cps |
| Strontium | 88-1 | 4192643 | 4290122 | 4192358 | 4225041 | 1.33 | cps |
| Sulfur | 34-1 | 228534 | 231788 | 231202 | 230508 | 0.75 | cps |
| Terbium | 159-1 | 15511585 | 14968893 | 14974582 | 15151687 | 2.06 | cps |
| Terbium | 159-2 | 10222480 | 10187893 | 10221579 | 10210651 | 0.19 | cps |
| Thallium | 203-1 | 3627 | 3597 | 3711 | 3645 | 1.61 | cps |
| Thallium | 205-1 | 8549 | 8609 | 8803 | 8654 | 1.53 | cps |
| Tin | 118-1 | 13300 | 13673 | 13717 | 13563 | 1.69 | cps |
| Titanium | 47-1 | 358602 | 363960 | 364126 | 362229 | 0.87 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:48:26 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 72801 | 72992 | 72158 | 72650 | 0.60 | cps |
| Vanadium | 51-2 | 237710 | 239277 | 239277 | 238755 | 0.38 | cps |
| Yttrium | 89-1 | 14973957 | 14366235 | 14405751 | 14581981 | 2.33 | cps |
| Yttrium | 89-2 | 3728642 | 3706504 | 3705950 | 3713699 | 0.35 | cps |
| Zinc | 66-2 | 150085 | 149768 | 152233 | 150695 | 0.89 | cps |
| Zirconium | 90-1 | 109726 | 112036 | 111429 | 111064 | 1.08 | cps |
| Zirconium | 91-1 | 23970 | 24778 | 25135 | 24627 | 2.42 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:51:37 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5398284 | 5322118 | 5350894 | 5357099 | 0.72 | cps |
| Antimony | 121-1 | 5631 | 5818 | 5725 | 5725 | 1.63 | cps |
| Arsenic | 75-2 | 12549 | 12512 | 12389 | 12483 | 0.67 | cps |
| Barium | 135-1 | 539987 | 542751 | 541959 | 541566 | 0.26 | cps |
| Barium | 137-1 | 939084 | 940149 | 940396 | 939876 | 0.07 | cps |
| Beryllium | 9-1 | 2050 | 2104 | 2043 | 2066 | 1.59 | cps |
| Bismuth | 209-1 | 8804641 | 8801853 | 8769074 | 8791856 | 0.22 | cps |
| Bismuth | 209-2 | 7376459 | 7446533 | 7379581 | 7400858 | 0.53 | cps |
| Bromine | 81-1 | 16710 | 17374 | 17043 | 17042 | 1.95 | cps |
| Bromine | 81-2 | 717 | 837 | 730 | 761 | 8.64 | cps |
| Cadmium | 108-1 | 273 | 257 | 223 | 251 | 10.14 | cps |
| Cadmium | 106-1 | 3844 | 3777 | 3864 | 3828 | 1.19 | cps |
| Cadmium | 111-1 | 4253 | 4281 | 4469 | 4334 | 2.70 | cps |
| Calcium | 43-1 | 3446998 | 3442230 | 3477472 | 3455567 | 0.55 | cps |
| Calcium | 44-1 | 55246978 | 55519229 | 55371861 | 55379356 | 0.25 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 222372 | 217695 | 217137 | 219068 | 1.31 | cps |
| Cobalt | 59-2 | 205347 | 204314 | 203375 | 204345 | 0.48 | cps |
| Copper | 63-2 | 295469 | 294029 | 291277 | 293591 | 0.73 | cps |
| Dysprosium | 156-1 | 84659 | 82594 | 84023 | 83759 | 1.26 | cps |
| Dysprosium | 156-2 | 66630 | 65619 | 65927 | 66059 | 0.78 | cps |
| Erbium | 164-1 | 70289 | 71143 | 70986 | 70806 | 0.64 | cps |
| Erbium | 164-2 | 49986 | 49731 | 49895 | 49871 | 0.26 | cps |
| Gadolinium | 160-1 | 82665 | 82092 | 82149 | 82302 | 0.38 | cps |
| Gadolinium | 160-2 | 61571 | 61805 | 60245 | 61207 | 1.37 | cps |
| Holmium | 165-1 | 14826191 | 14824571 | 14914662 | 14855141 | 0.35 | cps |
| Holmium | 165-2 | 10480647 | 10710852 | 10461545 | 10551014 | 1.32 | cps |
| Indium | 115-1 | 11706929 | 11622707 | 11596643 | 11642093 | 0.50 | cps |
| Indium | 115-2 | 4170607 | 4080625 | 4094551 | 4115261 | 1.18 | cps |
| Iron | 56-2 | 241692390 | 238991530 | 240404490 | 240362803 | 0.56 | cps |
| Iron | 57-2 | 5988126 | 5996591 | 5922006 | 5968908 | 0.68 | cps |
| Iron | 54-2 | 13109103 | 12911106 | 12920583 | 12980264 | 0.86 | cps |
| Krypton | 83-1 | 297 | 360 | 337 | 331 | 9.67 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:51:37 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 470538 | 474119 | 475453 | 473370 | 0.54 | cps |
| Lead | 207-1 | 389853 | 388761 | 391158 | 389924 | 0.31 | cps |
| Lead | 208-1 | 1808756 | 1818733 | 1825374 | 1817621 | 0.46 | cps |
| Lithium | 6-1 | 1809680 | 1748064 | 1780517 | 1779420 | 1.73 | cps |
| Magnesium | 24-2 | 18276081 | 18057008 | 18052571 | 18128553 | 0.70 | cps |
| Manganese | 55-2 | 4323438 | 4295022 | 4228765 | 4282408 | 1.13 | cps |
| Molybdenum | 94-1 | 54758 | 54956 | 54715 | 54810 | 0.23 | cps |
| Molybdenum | 95-1 | 22801 | 22971 | 22808 | 22860 | 0.42 | cps |
| Molybdenum | 96-1 | 34547 | 34875 | 35222 | 34882 | 0.97 | cps |
| Molybdenum | 97-1 | 14604 | 14294 | 14124 | 14340 | 1.70 | cps |
| Molybdenum | 98-1 | 36876 | 36579 | 36843 | 36766 | 0.44 | cps |
| Neodymium | 150-1 | 127090 | 128058 | 128018 | 127722 | 0.43 | cps |
| Neodymium | 150-2 | 75621 | 76767 | 74496 | 75628 | 1.50 | cps |
| Nickel | 60-2 | 134228 | 133120 | 133740 | 133696 | 0.41 | cps |
| Phosphorus | 31-2 | 13309 | 13283 | 12989 | 13194 | 1.35 | cps |
| Potassium | 39-2 | 1661092 | 1676142 | 1653126 | 1663453 | 0.70 | cps |
| Rhodium | 103-1 | 10625129 | 10504419 | 10690326 | 10606625 | 0.89 | cps |
| Rhodium | 103-2 | 6298286 | 6245687 | 6350114 | 6298029 | 0.83 | cps |
| Scandium | 45-1 | 6412568 | 6376356 | 6310868 | 6366597 | 0.81 | cps |
| Scandium | 45-2 | 524542 | 512460 | 517224 | 518075 | 1.17 | cps |
| Selenium | 82-1 | 350 | 235 | 229 | 271 | 25.20 | cps |
| Selenium | 77-2 | 253 | 227 | 200 | 227 | 11.77 | cps |
| Selenium | 78-2 | 543 | 533 | 520 | 532 | 2.20 | cps |
| Silicon | 28-1 | 26996409 | 26756415 | 26436956 | 26729927 | 1.05 | cps |
| Silver | 107-1 | 2790 | 2904 | 3040 | 2911 | 4.30 | cps |
| Silver | 109-1 | 2567 | 2704 | 2587 | 2619 | 2.82 | cps |
| Sodium | 23-2 | 208539 | 205519 | 207513 | 207190 | 0.74 | cps |
| Strontium | 86-1 | 473930 | 476053 | 477110 | 475698 | 0.34 | cps |
| Strontium | 88-1 | 4244578 | 4293410 | 4250349 | 4262779 | 0.63 | cps |
| Sulfur | 34-1 | 231801 | 229633 | 231880 | 231105 | 0.55 | cps |
| Terbium | 159-1 | 15372298 | 15208168 | 15014746 | 15198404 | 1.18 | cps |
| Terbium | 159-2 | 10382198 | 10332119 | 10286923 | 10333747 | 0.46 | cps |
| Thallium | 203-1 | 3490 | 3634 | 3767 | 3631 | 3.81 | cps |
| Thallium | 205-1 | 8683 | 8616 | 8439 | 8579 | 1.47 | cps |
| Tin | 118-1 | 13693 | 13420 | 13406 | 13506 | 1.20 | cps |
| Titanium | 47-1 | 368153 | 368817 | 369946 | 368972 | 0.25 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:51:37 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 71836 | 72446 | 74296 | 72859 | 1.76 | cps |
| Vanadium | 51-2 | 242376 | 239168 | 238861 | 240135 | 0.81 | cps |
| Yttrium | 89-1 | 14778073 | 14678370 | 14526891 | 14661111 | 0.86 | cps |
| Yttrium | 89-2 | 3752313 | 3756698 | 3777711 | 3762241 | 0.36 | cps |
| Zinc | 66-2 | 153765 | 150243 | 149850 | 151286 | 1.43 | cps |
| Zirconium | 90-1 | 113128 | 114556 | 114794 | 114159 | 0.79 | cps |
| Zirconium | 91-1 | 25345 | 25406 | 25506 | 25419 | 0.32 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 19:54:45 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1113500 | 1104260 | 1115185 | 1110982 | 0.53 | cps |
| Antimony | 121-1 | 1207 | 1157 | 1190 | 1185 | 2.15 | cps |
| Arsenic | 75-2 | 2570 | 2567 | 2614 | 2584 | 1.01 | cps |
| Barium | 135-1 | 109738 | 109497 | 110905 | 110046 | 0.68 | cps |
| Barium | 137-1 | 190045 | 190499 | 190204 | 190249 | 0.12 | cps |
| Beryllium | 9-1 | 403 | 397 | 483 | 428 | 11.27 | cps |
| Bismuth | 209-1 | 8762331 | 8726222 | 8751467 | 8746673 | 0.21 | cps |
| Bismuth | 209-2 | 5946758 | 7703978 | 7590844 | 7080527 | 13.89 | cps |
| Bromine | 81-1 | 15739 | 16776 | 16806 | 16440 | 3.70 | cps |
| Bromine | 81-2 | 327 | 293 | 303 | 308 | 5.56 | cps |
| Cadmium | 108-1 | 40 | 40 | 70 | 50 | 34.64 | cps |
| Cadmium | 106-1 | 3424 | 3524 | 3574 | 3507 | 2.18 | cps |
| Cadmium | 111-1 | 2809 | 2822 | 2856 | 2829 | 0.86 | cps |
| Calcium | 43-1 | 743958 | 743113 | 746564 | 744545 | 0.24 | cps |
| Calcium | 44-1 | 11275182 | 11410991 | 11398820 | 11361664 | 0.66 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 48294 | 47953 | 47381 | 47876 | 0.96 | cps |
| Cobalt | 59-2 | 43319 | 43376 | 43102 | 43265 | 0.33 | cps |
| Copper | 63-2 | 67531 | 65844 | 67103 | 66826 | 1.31 | cps |
| Dysprosium | 156-1 | 16590 | 16767 | 16279 | 16545 | 1.49 | cps |
| Dysprosium | 156-2 | 13523 | 13440 | 13840 | 13601 | 1.55 | cps |
| Erbium | 164-1 | 13834 | 14187 | 13760 | 13927 | 1.64 | cps |
| Erbium | 164-2 | 10080 | 9787 | 10107 | 9991 | 1.78 | cps |
| Gadolinium | 160-1 | 16373 | 16410 | 16653 | 16479 | 0.92 | cps |
| Gadolinium | 160-2 | 12759 | 12809 | 12756 | 12775 | 0.23 | cps |
| Holmium | 165-1 | 14648924 | 14593889 | 14544764 | 14595859 | 0.36 | cps |
| Holmium | 165-2 | 8358249 | 10883829 | 10574532 | 9938870 | 13.86 | cps |
| Indium | 115-1 | 12077374 | 11905019 | 11809066 | 11930487 | 1.14 | cps |
| Indium | 115-2 | 3436849 | 4383339 | 4353422 | 4057870 | 13.26 | cps |
| Iron | 56-2 | 50931374 | 50428543 | 50575903 | 50645273 | 0.51 | cps |
| Iron | 57-2 | 1277346 | 1267976 | 1264672 | 1269998 | 0.52 | cps |
| Iron | 54-2 | 2760095 | 2681748 | 2743832 | 2728558 | 1.52 | cps |
| Krypton | 83-1 | 220 | 203 | 280 | 234 | 17.20 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 19:54:45 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 95358 | 95741 | 95949 | 95683 | 0.31 | cps |
| Lead | 207-1 | 79615 | 79259 | 79259 | 79378 | 0.26 | cps |
| Lead | 208-1 | 367696 | 368299 | 368606 | 368200 | 0.13 | cps |
| Lithium | 6-1 | 1716329 | 1690059 | 1741657 | 1716015 | 1.50 | cps |
| Magnesium | 24-2 | 3852525 | 3801969 | 3778468 | 3810987 | 0.99 | cps |
| Manganese | 55-2 | 881411 | 876382 | 884189 | 880661 | 0.45 | cps |
| Molybdenum | 94-1 | 11308 | 11588 | 11418 | 11438 | 1.23 | cps |
| Molybdenum | 95-1 | 4697 | 4824 | 4978 | 4833 | 2.90 | cps |
| Molybdenum | 96-1 | 7102 | 7065 | 7232 | 7133 | 1.23 | cps |
| Molybdenum | 97-1 | 2904 | 3194 | 2867 | 2988 | 5.99 | cps |
| Molybdenum | 98-1 | 7685 | 7749 | 7592 | 7675 | 1.03 | cps |
| Neodymium | 150-1 | 26077 | 25917 | 26184 | 26060 | 0.52 | cps |
| Neodymium | 150-2 | 15662 | 15422 | 15635 | 15573 | 0.85 | cps |
| Nickel | 60-2 | 29389 | 27936 | 29065 | 28796 | 2.65 | cps |
| Phosphorus | 31-2 | 2857 | 2957 | 2847 | 2887 | 2.11 | cps |
| Potassium | 39-2 | 404162 | 402992 | 405111 | 404088 | 0.26 | cps |
| Rhodium | 103-1 | 11039700 | 10742102 | 10940904 | 10907568 | 1.39 | cps |
| Rhodium | 103-2 | 5261254 | 6930205 | 6661661 | 6284373 | 14.26 | cps |
| Scandium | 45-1 | 6342652 | 6380910 | 6385451 | 6369671 | 0.37 | cps |
| Scandium | 45-2 | 420123 | 548227 | 544477 | 504276 | 14.46 | cps |
| Selenium | 82-1 | 189 | 171 | 71 | 143 | 44.38 | cps |
| Selenium | 77-2 | 63 | 40 | 57 | 53 | 22.53 | cps |
| Selenium | 78-2 | 460 | 547 | 407 | 471 | 15.00 | cps |
| Silicon | 28-1 | 6079925 | 6120334 | 6165530 | 6121930 | 0.70 | cps |
| Silver | 107-1 | 640 | 753 | 730 | 708 | 8.46 | cps |
| Silver | 109-1 | 560 | 640 | 603 | 601 | 6.66 | cps |
| Sodium | 23-2 | 71381 | 70025 | 70949 | 70785 | 0.98 | cps |
| Strontium | 86-1 | 98104 | 97439 | 98721 | 98088 | 0.65 | cps |
| Strontium | 88-1 | 840570 | 849143 | 852743 | 847485 | 0.74 | cps |
| Sulfur | 34-1 | 200515 | 201855 | 201804 | 201391 | 0.38 | cps |
| Terbium | 159-1 | 14830036 | 15014521 | 15150636 | 14998398 | 1.07 | cps |
| Terbium | 159-2 | 8301631 | 10741758 | 10527175 | 9856855 | 13.71 | cps |
| Thallium | 203-1 | 797 | 757 | 833 | 796 | 4.82 | cps |
| Thallium | 205-1 | 1930 | 1890 | 1947 | 1922 | 1.52 | cps |
| Tin | 118-1 | 3731 | 3911 | 3694 | 3778 | 3.07 | cps |
| Titanium | 47-1 | 75192 | 76535 | 76495 | 76074 | 1.00 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-19LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 19:54:45 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 14118 | 14625 | 14201 | 14314 | 1.90 | cps |
| Vanadium | 51-2 | 50584 | 50129 | 50859 | 50524 | 0.73 | cps |
| Yttrium | 89-1 | 14053351 | 14041662 | 13979307 | 14024773 | 0.28 | cps |
| Yttrium | 89-2 | 2991547 | 3800338 | 3749281 | 3513722 | 12.89 | cps |
| Zinc | 66-2 | 32332 | 31727 | 32014 | 32024 | 0.94 | cps |
| Zirconium | 90-1 | 23566 | 23793 | 23612 | 23657 | 0.51 | cps |
| Zirconium | 91-1 | 4948 | 5361 | 5198 | 5169 | 4.03 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:58:01 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5818345 | 5719342 | 5691779 | 5743155 | 1.16 | cps |
| Antimony | 121-1 | 283244 | 288465 | 286465 | 286058 | 0.92 | cps |
| Arsenic | 75-2 | 18418 | 18769 | 18628 | 18605 | 0.95 | cps |
| Barium | 135-1 | 2045079 | 2061445 | 2074452 | 2060325 | 0.71 | cps |
| Barium | 137-1 | 3563874 | 3648371 | 3603672 | 3605306 | 1.17 | cps |
| Beryllium | 9-1 | 18214 | 18441 | 18087 | 18247 | 0.98 | cps |
| Bismuth | 209-1 | 9187020 | 8811260 | 8860189 | 8952823 | 2.28 | cps |
| Bismuth | 209-2 | 7438521 | 7321162 | 7368572 | 7376085 | 0.80 | cps |
| Bromine | 81-1 | 17364 | 17707 | 18034 | 17702 | 1.90 | cps |
| Bromine | 81-2 | 807 | 813 | 773 | 798 | 2.69 | cps |
| Cadmium | 108-1 | 2437 | 2520 | 2457 | 2471 | 1.76 | cps |
| Cadmium | 106-1 | 7635 | 7132 | 7108 | 7292 | 4.08 | cps |
| Cadmium | 111-1 | 39674 | 40349 | 39775 | 39933 | 0.91 | cps |
| Calcium | 43-1 | 3570475 | 3645836 | 3647133 | 3621148 | 1.21 | cps |
| Calcium | 44-1 | 57143377 | 58243042 | 58709054 | 58031825 | 1.39 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 448306 | 443562 | 447896 | 446588 | 0.59 | cps |
| Cobalt | 59-2 | 1045782 | 1041602 | 1044328 | 1043904 | 0.20 | cps |
| Copper | 63-2 | 600519 | 595053 | 595756 | 597110 | 0.50 | cps |
| Dysprosium | 156-1 | 85857 | 89583 | 88050 | 87830 | 2.13 | cps |
| Dysprosium | 156-2 | 70171 | 70174 | 69444 | 69930 | 0.60 | cps |
| Erbium | 164-1 | 72788 | 73023 | 72983 | 72931 | 0.17 | cps |
| Erbium | 164-2 | 53027 | 53435 | 52883 | 53115 | 0.54 | cps |
| Gadolinium | 160-1 | 85140 | 86528 | 87749 | 86472 | 1.51 | cps |
| Gadolinium | 160-2 | 64815 | 64718 | 65593 | 65042 | 0.74 | cps |
| Holmium | 165-1 | 15621594 | 15083865 | 15149271 | 15284910 | 1.92 | cps |
| Holmium | 165-2 | 10691140 | 10579564 | 10514903 | 10595203 | 0.84 | cps |
| Indium | 115-1 | 12415537 | 12008487 | 12034661 | 12152895 | 1.87 | cps |
| Indium | 115-2 | 4140682 | 4169590 | 4136178 | 4148817 | 0.44 | cps |
| Iron | 56-2 | 254527590 | 256027583 | 253579303 | 254711492 | 0.48 | cps |
| Iron | 57-2 | 6313069 | 6294791 | 6302105 | 6303322 | 0.15 | cps |
| Iron | 54-2 | 13862055 | 13644235 | 13907892 | 13804727 | 1.02 | cps |
| Krypton | 83-1 | 243 | 337 | 320 | 300 | 16.59 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:58:01 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 531697 | 536671 | 530469 | 532946 | 0.62 | cps |
| Lead | 207-1 | 432684 | 443667 | 443307 | 439886 | 1.42 | cps |
| Lead | 208-1 | 2034157 | 2063215 | 2057300 | 2051557 | 0.75 | cps |
| Lithium | 6-1 | 1851315 | 1739707 | 1762464 | 1784495 | 3.30 | cps |
| Magnesium | 24-2 | 19136228 | 19151687 | 19147901 | 19145272 | 0.04 | cps |
| Manganese | 55-2 | 4924240 | 4946913 | 4962607 | 4944587 | 0.39 | cps |
| Molybdenum | 94-1 | 56632 | 59039 | 58613 | 58095 | 2.21 | cps |
| Molybdenum | 95-1 | 24273 | 24203 | 24698 | 24392 | 1.10 | cps |
| Molybdenum | 96-1 | 35674 | 37054 | 36559 | 36429 | 1.92 | cps |
| Molybdenum | 97-1 | 14724 | 15345 | 15101 | 15057 | 2.08 | cps |
| Molybdenum | 98-1 | 38454 | 39129 | 39316 | 38966 | 1.16 | cps |
| Neodymium | 150-1 | 133407 | 136755 | 136126 | 135429 | 1.31 | cps |
| Neodymium | 150-2 | 81497 | 79060 | 79422 | 79993 | 1.64 | cps |
| Nickel | 60-2 | 352499 | 351380 | 352279 | 352052 | 0.17 | cps |
| Phosphorus | 31-2 | 14137 | 14047 | 13863 | 14015 | 1.00 | cps |
| Potassium | 39-2 | 1750817 | 1790337 | 1783781 | 1774978 | 1.19 | cps |
| Rhodium | 103-1 | 11440252 | 10802088 | 10682466 | 10974935 | 3.71 | cps |
| Rhodium | 103-2 | 6435032 | 6427488 | 6317007 | 6393175 | 1.03 | cps |
| Scandium | 45-1 | 6757845 | 6464560 | 6476528 | 6566311 | 2.53 | cps |
| Scandium | 45-2 | 528113 | 526042 | 529833 | 527996 | 0.36 | cps |
| Selenium | 82-1 | 4706 | 4940 | 4890 | 4845 | 2.54 | cps |
| Selenium | 77-2 | 673 | 590 | 627 | 630 | 6.63 | cps |
| Selenium | 78-2 | 2117 | 2157 | 1900 | 2058 | 6.71 | cps |
| Silicon | 28-1 | 28333900 | 28282811 | 28142678 | 28253130 | 0.35 | cps |
| Silver | 107-1 | 173827 | 179208 | 175190 | 176075 | 1.59 | cps |
| Silver | 109-1 | 164910 | 170559 | 170138 | 168536 | 1.87 | cps |
| Sodium | 23-2 | 215327 | 213722 | 213907 | 214319 | 0.41 | cps |
| Strontium | 86-1 | 499429 | 508590 | 505033 | 504351 | 0.92 | cps |
| Strontium | 88-1 | 4479227 | 4507795 | 4486407 | 4491143 | 0.33 | cps |
| Sulfur | 34-1 | 234543 | 234292 | 233274 | 234037 | 0.29 | cps |
| Terbium | 159-1 | 16088603 | 15173581 | 15521931 | 15594705 | 2.96 | cps |
| Terbium | 159-2 | 10420484 | 10374950 | 10436313 | 10410582 | 0.31 | cps |
| Thallium | 203-1 | 130023 | 133934 | 131699 | 131885 | 1.49 | cps |
| Thallium | 205-1 | 306443 | 310892 | 310507 | 309281 | 0.80 | cps |
| Tin | 118-1 | 14044 | 14317 | 14314 | 14225 | 1.10 | cps |
| Titanium | 47-1 | 387628 | 394789 | 391357 | 391258 | 0.92 | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2923S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 19:58:01 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 73086 | 76227 | 75409 | 74907 | 2.18 | cps |
| Vanadium | 51-2 | 726918 | 723985 | 720982 | 723962 | 0.41 | cps |
| Yttrium | 89-1 | 15688490 | 15046305 | 14846508 | 15193768 | 2.90 | cps |
| Yttrium | 89-2 | 3862824 | 3837295 | 3833057 | 3844392 | 0.42 | cps |
| Zinc | 66-2 | 259901 | 259061 | 259192 | 259385 | 0.17 | cps |
| Zirconium | 90-1 | 117616 | 121615 | 120183 | 119805 | 1.69 | cps |
| Zirconium | 91-1 | 26063 | 27219 | 26818 | 26700 | 2.20 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 20:01:08 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1251422 | 1249506 | 1225029 | 1241986 | 1.18 | cps |
| Antimony | 121-1 | 28181 | 28268 | 28892 | 28447 | 1.36 | cps |
| Arsenic | 75-2 | 7269 | 7048 | 6975 | 7097 | 2.15 | cps |
| Barium | 135-1 | 319192 | 320040 | 326151 | 321795 | 1.18 | cps |
| Barium | 137-1 | 558888 | 559858 | 568426 | 562391 | 0.93 | cps |
| Beryllium | 9-1 | 1243 | 1147 | 1250 | 1213 | 4.77 | cps |
| Bismuth | 209-1 | 8753777 | 8903061 | 8836879 | 8831239 | 0.85 | cps |
| Bismuth | 209-2 | 7381850 | 7486659 | 7489469 | 7452659 | 0.82 | cps |
| Bromine | 81-1 | 20568 | 21753 | 21362 | 21228 | 2.84 | cps |
| Bromine | 81-2 | 1407 | 1373 | 1373 | 1385 | 1.39 | cps |
| Cadmium | 108-1 | 1093 | 1107 | 1143 | 1114 | 2.32 | cps |
| Cadmium | 106-1 | 4854 | 4968 | 4757 | 4860 | 2.16 | cps |
| Cadmium | 111-1 | 16002 | 16189 | 15863 | 16018 | 1.02 | cps |
| Calcium | 43-1 | 1858552 | 1932157 | 1905776 | 1898829 | 1.96 | cps |
| Calcium | 44-1 | 29766512 | 30261823 | 30255392 | 30094576 | 0.94 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1898766 | 1899644 | 1880587 | 1892999 | 0.57 | cps |
| Cobalt | 59-2 | 69731 | 69078 | 69902 | 69570 | 0.63 | cps |
| Copper | 63-2 | 329526 | 332078 | 331608 | 331070 | 0.41 | cps |
| Dysprosium | 156-1 | 9874 | 9857 | 10054 | 9928 | 1.10 | cps |
| Dysprosium | 156-2 | 8076 | 8142 | 8473 | 8230 | 2.58 | cps |
| Erbium | 164-1 | 10374 | 10667 | 10200 | 10414 | 2.27 | cps |
| Erbium | 164-2 | 7219 | 7402 | 7599 | 7406 | 2.57 | cps |
| Gadolinium | 160-1 | 9407 | 9940 | 10130 | 9826 | 3.82 | cps |
| Gadolinium | 160-2 | 7742 | 7692 | 7866 | 7767 | 1.15 | cps |
| Holmium | 165-1 | 14563369 | 14746260 | 14611008 | 14640212 | 0.65 | cps |
| Holmium | 165-2 | 10347396 | 10440424 | 10360283 | 10382701 | 0.49 | cps |
| Indium | 115-1 | 11701293 | 11887109 | 11993860 | 11860754 | 1.25 | cps |
| Indium | 115-2 | 4233642 | 4258965 | 4260257 | 4250955 | 0.35 | cps |
| Iron | 56-2 | 681745137 | 674856417 | 679324763 | 678642105 | 0.51 | cps |
| Iron | 57-2 | 16822271 | 16663949 | 16809130 | 16765117 | 0.52 | cps |
| Iron | 54-2 | 36638001 | 36584634 | 36732166 | 36651600 | 0.20 | cps |
| Krypton | 83-1 | 177 | 210 | 243 | 210 | 15.87 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 20:01:08 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6242677 | 6244934 | 6145460 | 6211024 | 0.91 | cps |
| Lead | 207-1 | 5219821 | 5334877 | 5243390 | 5266029 | 1.15 | cps |
| Lead | 208-1 | 24150059 | 24538301 | 24134691 | 24274350 | 0.94 | cps |
| Lithium | 6-1 | 1677812 | 1659438 | 1639156 | 1658802 | 1.17 | cps |
| Magnesium | 24-2 | 4080812 | 4089765 | 4123325 | 4097967 | 0.55 | cps |
| Manganese | 55-2 | 23916267 | 24104436 | 24328650 | 24116451 | 0.86 | cps |
| Molybdenum | 94-1 | 58955 | 58664 | 59316 | 58978 | 0.55 | cps |
| Molybdenum | 95-1 | 59822 | 60059 | 60451 | 60111 | 0.53 | cps |
| Molybdenum | 96-1 | 75098 | 77075 | 77772 | 76648 | 1.81 | cps |
| Molybdenum | 97-1 | 36990 | 37735 | 38711 | 37812 | 2.28 | cps |
| Molybdenum | 98-1 | 95328 | 96630 | 98559 | 96839 | 1.68 | cps |
| Neodymium | 150-1 | 14875 | 15091 | 15625 | 15197 | 2.54 | cps |
| Neodymium | 150-2 | 8916 | 8966 | 9213 | 9032 | 1.76 | cps |
| Nickel | 60-2 | 435267 | 437060 | 437936 | 436755 | 0.31 | cps |
| Phosphorus | 31-2 | 7552 | 7402 | 7385 | 7446 | 1.23 | cps |
| Potassium | 39-2 | 468237 | 472501 | 470027 | 470255 | 0.46 | cps |
| Rhodium | 103-1 | 10757384 | 11014926 | 11033629 | 10935313 | 1.41 | cps |
| Rhodium | 103-2 | 6510476 | 6546197 | 6643712 | 6566795 | 1.05 | cps |
| Scandium | 45-1 | 6286190 | 6399367 | 6339036 | 6341531 | 0.89 | cps |
| Scandium | 45-2 | 529779 | 539408 | 537442 | 535543 | 0.95 | cps |
| Selenium | 82-1 | 338 | 267 | 209 | 271 | 23.96 | cps |
| Selenium | 77-2 | 43 | 50 | 37 | 43 | 15.38 | cps |
| Selenium | 78-2 | 557 | 433 | 477 | 489 | 12.80 | cps |
| Silicon | 28-1 | 13544351 | 13877172 | 13792447 | 13737990 | 1.26 | cps |
| Silver | 107-1 | 41275 | 40764 | 41666 | 41235 | 1.10 | cps |
| Silver | 109-1 | 38665 | 39651 | 39667 | 39328 | 1.46 | cps |
| Sodium | 23-2 | 199727 | 199154 | 199104 | 199328 | 0.17 | cps |
| Strontium | 86-1 | 267825 | 268578 | 267292 | 267898 | 0.24 | cps |
| Strontium | 88-1 | 2375541 | 2364839 | 2463191 | 2401190 | 2.25 | cps |
| Sulfur | 34-1 | 212192 | 212993 | 215054 | 213413 | 0.69 | cps |
| Terbium | 159-1 | 14865244 | 15155893 | 15092296 | 15037811 | 1.02 | cps |
| Terbium | 159-2 | 10366481 | 10258626 | 10354370 | 10326492 | 0.57 | cps |
| Thallium | 203-1 | 11078 | 11078 | 10761 | 10972 | 1.67 | cps |
| Thallium | 205-1 | 26085 | 25888 | 25621 | 25865 | 0.90 | cps |
| Tin | 118-1 | 83976 | 86494 | 84553 | 85008 | 1.55 | cps |
| Titanium | 47-1 | 390100 | 391934 | 396988 | 393007 | 0.91 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-03DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2906 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 20:01:08 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17545 | 18109 | 17355 | 17670 | 2.22 | cps |
| Vanadium | 51-2 | 182441 | 182438 | 182127 | 182336 | 0.10 | cps |
| Yttrium | 89-1 | 14082205 | 14092346 | 14228011 | 14134187 | 0.58 | cps |
| Yttrium | 89-2 | 3703179 | 3667836 | 3709993 | 3693669 | 0.61 | cps |
| Zinc | 66-2 | 1820555 | 1815790 | 1820610 | 1818985 | 0.15 | cps |
| Zirconium | 90-1 | 66553 | 66734 | 67434 | 66907 | 0.70 | cps |
| Zirconium | 91-1 | 14881 | 14414 | 14928 | 14741 | 1.93 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:04:14 | DataFile Name : | 130CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 370 | 310 | 310 | 330 | 10.50 | cps |
| Antimony | 121-1 | 87 | 60 | 53 | 67 | 26.46 | cps |
| Arsenic | 75-2 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Barium | 135-1 | 213 | 150 | 130 | 164 | 26.46 | cps |
| Barium | 137-1 | 333 | 277 | 217 | 276 | 21.17 | cps |
| Beryllium | 9-1 | 50 | 30 | 40 | 40 | 25.00 | cps |
| Bismuth | 209-1 | 9463466 | 8661871 | 8724245 | 8949860 | 4.98 | cps |
| Bismuth | 209-2 | 7431798 | 7344347 | 7405700 | 7393948 | 0.61 | cps |
| Bromine | 81-1 | 15812 | 16319 | 16563 | 16231 | 2.36 | cps |
| Bromine | 81-2 | 237 | 197 | 220 | 218 | 9.23 | cps |
| Cadmium | 108-1 | 0 | 17 | 10 | 9 | 94.38 | cps |
| Cadmium | 106-1 | 3804 | 3240 | 3137 | 3394 | 10.58 | cps |
| Cadmium | 111-1 | 2679 | 2263 | 2209 | 2384 | 10.80 | cps |
| Calcium | 43-1 | 843 | 693 | 617 | 718 | 16.06 | cps |
| Calcium | 44-1 | 16486 | 14233 | 13329 | 14683 | 11.07 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1500 | 1380 | 1517 | 1466 | 5.09 | cps |
| Cobalt | 59-2 | 93 | 97 | 80 | 90 | 9.80 | cps |
| Copper | 63-2 | 6211 | 6218 | 6148 | 6192 | 0.62 | cps |
| Dysprosium | 156-1 | 17 | 20 | 10 | 16 | 32.73 | cps |
| Dysprosium | 156-2 | 13 | 10 | 13 | 12 | 15.73 | cps |
| Erbium | 164-1 | 80 | 53 | 40 | 58 | 35.25 | cps |
| Erbium | 164-2 | 37 | 33 | 37 | 36 | 5.42 | cps |
| Gadolinium | 160-1 | 53 | 57 | 63 | 58 | 8.81 | cps |
| Gadolinium | 160-2 | 440 | 477 | 470 | 462 | 4.23 | cps |
| Holmium | 165-1 | 15271026 | 14505475 | 14377962 | 14718154 | 3.28 | cps |
| Holmium | 165-2 | 10302255 | 10304104 | 10347663 | 10318007 | 0.25 | cps |
| Indium | 115-1 | 12938561 | 11920139 | 11882255 | 12246985 | 4.89 | cps |
| Indium | 115-2 | 4324491 | 4346144 | 4288887 | 4319841 | 0.67 | cps |
| Iron | 56-2 | 75203 | 70179 | 68110 | 71164 | 5.13 | cps |
| Iron | 57-2 | 2160 | 2207 | 2114 | 2160 | 2.16 | cps |
| Iron | 54-2 | 5424 | 5378 | 5074 | 5292 | 3.59 | cps |
| Krypton | 83-1 | 193 | 227 | 217 | 212 | 8.06 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:04:14 | DataFile Name : | 130CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2254 | 1940 | 1897 | 2030 | 9.59 | cps |
| Lead | 207-1 | 2000 | 1717 | 1433 | 1717 | 16.51 | cps |
| Lead | 208-1 | 8965 | 7584 | 7191 | 7913 | 11.77 | cps |
| Lithium | 6-1 | 1752446 | 1609050 | 1634978 | 1665491 | 4.59 | cps |
| Magnesium | 24-2 | 1343 | 1133 | 1157 | 1211 | 9.50 | cps |
| Manganese | 55-2 | 2164 | 2334 | 2087 | 2195 | 5.75 | cps |
| Molybdenum | 94-1 | 327 | 360 | 327 | 338 | 5.70 | cps |
| Molybdenum | 95-1 | 150 | 73 | 123 | 116 | 33.68 | cps |
| Molybdenum | 96-1 | 180 | 280 | 223 | 228 | 22.02 | cps |
| Molybdenum | 97-1 | 133 | 80 | 90 | 101 | 28.04 | cps |
| Molybdenum | 98-1 | 227 | 193 | 277 | 232 | 18.06 | cps |
| Neodymium | 150-1 | 20 | 10 | 13 | 14 | 35.26 | cps |
| Neodymium | 150-2 | 3 | 3 | 10 | 6 | 69.34 | cps |
| Nickel | 60-2 | 333 | 380 | 347 | 353 | 6.80 | cps |
| Phosphorus | 31-2 | 170 | 167 | 180 | 172 | 4.03 | cps |
| Potassium | 39-2 | 51253 | 50252 | 51028 | 50845 | 1.03 | cps |
| Rhodium | 103-1 | 12164001 | 11166147 | 11106476 | 11478874 | 5.18 | cps |
| Rhodium | 103-2 | 6758281 | 6733806 | 6619272 | 6703786 | 1.11 | cps |
| Scandium | 45-1 | 6875114 | 6481419 | 6438452 | 6598328 | 3.65 | cps |
| Scandium | 45-2 | 548508 | 547801 | 544073 | 546794 | 0.44 | cps |
| Selenium | 82-1 | 177 | 113 | 75 | 122 | 42.56 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 430 | 480 | 447 | 452 | 5.63 | cps |
| Silicon | 28-1 | 649344 | 660588 | 651846 | 653926 | 0.90 | cps |
| Silver | 107-1 | 197 | 133 | 167 | 166 | 19.13 | cps |
| Silver | 109-1 | 107 | 140 | 97 | 114 | 19.82 | cps |
| Sodium | 23-2 | 32384 | 31820 | 31158 | 31787 | 1.93 | cps |
| Strontium | 86-1 | 513 | 480 | 433 | 476 | 8.45 | cps |
| Strontium | 88-1 | 963 | 777 | 713 | 818 | 15.89 | cps |
| Sulfur | 34-1 | 187188 | 192570 | 190342 | 190033 | 1.42 | cps |
| Terbium | 159-1 | 15896551 | 15000100 | 14830901 | 15242517 | 3.76 | cps |
| Terbium | 159-2 | 10249350 | 10330824 | 10444781 | 10341652 | 0.95 | cps |
| Thallium | 203-1 | 213 | 217 | 233 | 221 | 4.85 | cps |
| Thallium | 205-1 | 487 | 543 | 543 | 524 | 6.24 | cps |
| Tin | 118-1 | 1293 | 1263 | 1240 | 1266 | 2.11 | cps |
| Titanium | 47-1 | 170 | 140 | 130 | 147 | 14.19 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:04:14 | DataFile Name : | 130CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 10 | 17 | 10 | 12 | 31.50 | cps |
| Vanadium | 51-2 | 37 | 33 | 43 | 38 | 13.48 | cps |
| Yttrium | 89-1 | 14901642 | 14052666 | 14209067 | 14387792 | 3.14 | cps |
| Yttrium | 89-2 | 3702527 | 3723931 | 3715014 | 3713824 | 0.29 | cps |
| Zinc | 66-2 | 480 | 510 | 417 | 469 | 10.16 | cps |
| Zirconium | 90-1 | 760 | 690 | 683 | 711 | 5.97 | cps |
| Zirconium | 91-1 | 103 | 147 | 143 | 131 | 18.39 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:08:49 | DataFile Name : | 131LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11378 | 11214 | 11641 | 11411 | 1.89 | cps |
| Antimony | 121-1 | 49518 | 51171 | 51766 | 50818 | 2.29 | cps |
| Arsenic | 75-2 | 1420 | 1443 | 1343 | 1402 | 3.73 | cps |
| Barium | 135-1 | 62554 | 64344 | 63665 | 63521 | 1.42 | cps |
| Barium | 137-1 | 107318 | 109884 | 110434 | 109212 | 1.52 | cps |
| Beryllium | 9-1 | 2944 | 2997 | 2987 | 2976 | 0.95 | cps |
| Bismuth | 209-1 | 9119964 | 8789698 | 8691570 | 8867077 | 2.53 | cps |
| Bismuth | 209-2 | 7362516 | 7439437 | 7414795 | 7405582 | 0.53 | cps |
| Bromine | 81-1 | 15805 | 16563 | 15872 | 16080 | 2.61 | cps |
| Bromine | 81-2 | 167 | 213 | 217 | 199 | 14.06 | cps |
| Cadmium | 108-1 | 447 | 577 | 510 | 511 | 12.72 | cps |
| Cadmium | 106-1 | 3921 | 3697 | 3874 | 3831 | 3.08 | cps |
| Cadmium | 111-1 | 8880 | 8796 | 9176 | 8951 | 2.23 | cps |
| Calcium | 43-1 | 36417 | 36648 | 37252 | 36772 | 1.17 | cps |
| Calcium | 44-1 | 581978 | 594976 | 596554 | 591169 | 1.35 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 21512 | 21709 | 21779 | 21667 | 0.64 | cps |
| Cobalt | 59-2 | 16763 | 16709 | 17233 | 16902 | 1.71 | cps |
| Copper | 63-2 | 31132 | 30464 | 31005 | 30867 | 1.15 | cps |
| Dysprosium | 156-1 | 3 | 20 | 10 | 11 | 75.52 | cps |
| Dysprosium | 156-2 | 17 | 3 | 7 | 9 | 78.08 | cps |
| Erbium | 164-1 | 43 | 30 | 73 | 49 | 45.40 | cps |
| Erbium | 164-2 | 33 | 37 | 20 | 30 | 29.40 | cps |
| Gadolinium | 160-1 | 77 | 43 | 33 | 51 | 44.40 | cps |
| Gadolinium | 160-2 | 373 | 437 | 517 | 442 | 16.24 | cps |
| Holmium | 165-1 | 15100546 | 14275518 | 14398093 | 14591385 | 3.05 | cps |
| Holmium | 165-2 | 10497212 | 10414822 | 10422333 | 10444789 | 0.44 | cps |
| Indium | 115-1 | 12760223 | 12046850 | 12022866 | 12276646 | 3.41 | cps |
| Indium | 115-2 | 4361187 | 4390189 | 4420215 | 4390530 | 0.67 | cps |
| Iron | 56-2 | 1997161 | 2013998 | 2021538 | 2010899 | 0.62 | cps |
| Iron | 57-2 | 51127 | 50839 | 51431 | 51132 | 0.58 | cps |
| Iron | 54-2 | 111123 | 110669 | 112167 | 111320 | 0.69 | cps |
| Krypton | 83-1 | 243 | 220 | 237 | 233 | 5.15 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:08:49 | DataFile Name : | 131LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18917 | 19354 | 19661 | 19310 | 1.94 | cps |
| Lead | 207-1 | 16710 | 17017 | 17171 | 16966 | 1.38 | cps |
| Lead | 208-1 | 76321 | 78112 | 78328 | 77587 | 1.42 | cps |
| Lithium | 6-1 | 1723583 | 1608332 | 1627574 | 1653163 | 3.73 | cps |
| Magnesium | 24-2 | 437225 | 438404 | 436906 | 437512 | 0.18 | cps |
| Manganese | 55-2 | 8883 | 8896 | 9126 | 8968 | 1.53 | cps |
| Molybdenum | 94-1 | 51962 | 53270 | 52751 | 52661 | 1.25 | cps |
| Molybdenum | 95-1 | 63296 | 65004 | 64732 | 64344 | 1.43 | cps |
| Molybdenum | 96-1 | 70221 | 71668 | 72150 | 71346 | 1.41 | cps |
| Molybdenum | 97-1 | 39239 | 40790 | 40914 | 40314 | 2.31 | cps |
| Molybdenum | 98-1 | 101698 | 103772 | 104278 | 103249 | 1.32 | cps |
| Neodymium | 150-1 | 13 | 20 | 23 | 19 | 26.96 | cps |
| Neodymium | 150-2 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Nickel | 60-2 | 4397 | 4534 | 4331 | 4421 | 2.35 | cps |
| Phosphorus | 31-2 | 790 | 910 | 763 | 821 | 9.52 | cps |
| Potassium | 39-2 | 650931 | 656055 | 654029 | 653672 | 0.39 | cps |
| Rhodium | 103-1 | 11721375 | 11177534 | 11158251 | 11352387 | 2.82 | cps |
| Rhodium | 103-2 | 6771089 | 6765650 | 6740842 | 6759194 | 0.24 | cps |
| Scandium | 45-1 | 6843849 | 6555385 | 6572033 | 6657089 | 2.43 | cps |
| Scandium | 45-2 | 556295 | 557191 | 554705 | 556064 | 0.23 | cps |
| Selenium | 82-1 | 2116 | 2257 | 2113 | 2162 | 3.80 | cps |
| Selenium | 77-2 | 237 | 217 | 227 | 227 | 4.41 | cps |
| Selenium | 78-2 | 1183 | 1200 | 1150 | 1178 | 2.16 | cps |
| Silicon | 28-1 | 790727 | 794242 | 805591 | 796854 | 0.97 | cps |
| Silver | 107-1 | 31511 | 32149 | 32389 | 32016 | 1.42 | cps |
| Silver | 109-1 | 30642 | 31474 | 31501 | 31206 | 1.56 | cps |
| Sodium | 23-2 | 731313 | 737354 | 735470 | 734713 | 0.42 | cps |
| Strontium | 86-1 | 8389 | 9116 | 8392 | 8633 | 4.85 | cps |
| Strontium | 88-1 | 70615 | 73184 | 72487 | 72096 | 1.84 | cps |
| Sulfur | 34-1 | 192857 | 192627 | 196111 | 193865 | 1.01 | cps |
| Terbium | 159-1 | 15757602 | 14889128 | 14783620 | 15143450 | 3.53 | cps |
| Terbium | 159-2 | 10348943 | 10412015 | 10465042 | 10408667 | 0.56 | cps |
| Thallium | 203-1 | 22829 | 23253 | 23777 | 23287 | 2.04 | cps |
| Thallium | 205-1 | 53434 | 54766 | 53605 | 53935 | 1.34 | cps |
| Tin | 118-1 | 106128 | 109123 | 108558 | 107936 | 1.47 | cps |
| Titanium | 47-1 | 4154 | 4024 | 4207 | 4128 | 2.28 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165758BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS758 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:08:49 | DataFile Name : | 131LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 65601 | 66897 | 66398 | 66299 | 0.99 | cps |
| Vanadium | 51-2 | 46772 | 47076 | 46906 | 46918 | 0.32 | cps |
| Yttrium | 89-1 | 14852882 | 14045135 | 14017193 | 14305070 | 3.32 | cps |
| Yttrium | 89-2 | 3716057 | 3681350 | 3741700 | 3713036 | 0.82 | cps |
| Zinc | 66-2 | 10210 | 10530 | 10220 | 10320 | 1.76 | cps |
| Zirconium | 90-1 | 42177 | 43885 | 43370 | 43144 | 2.03 | cps |
| Zirconium | 91-1 | 9707 | 9863 | 9933 | 9834 | 1.18 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:12:06 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 173 | 213 | 153 | 180 | 16.97 | cps |
| Antimony | 121-1 | 63 | 67 | 40 | 57 | 25.64 | cps |
| Arsenic | 75-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Barium | 135-1 | 83 | 263 | 53 | 133 | 85.19 | cps |
| Barium | 137-1 | 173 | 347 | 123 | 214 | 54.66 | cps |
| Beryllium | 9-1 | 33 | 57 | 47 | 46 | 25.70 | cps |
| Bismuth | 209-1 | 8739167 | 8692548 | 8514959 | 8648891 | 1.37 | cps |
| Bismuth | 209-2 | 7440207 | 7425014 | 7414795 | 7426672 | 0.17 | cps |
| Bromine | 81-1 | 16142 | 16179 | 16456 | 16259 | 1.05 | cps |
| Bromine | 81-2 | 223 | 173 | 223 | 207 | 13.97 | cps |
| Cadmium | 108-1 | 17 | 13 | 3 | 11 | 62.48 | cps |
| Cadmium | 106-1 | 3347 | 3314 | 3097 | 3253 | 4.17 | cps |
| Cadmium | 111-1 | 2345 | 2334 | 2176 | 2285 | 4.14 | cps |
| Calcium | 43-1 | 347 | 343 | 350 | 347 | 0.96 | cps |
| Calcium | 44-1 | 9306 | 10194 | 9276 | 9592 | 5.44 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1340 | 1440 | 1293 | 1358 | 5.52 | cps |
| Cobalt | 59-2 | 100 | 93 | 87 | 93 | 7.14 | cps |
| Copper | 63-2 | 6121 | 5965 | 5728 | 5938 | 3.34 | cps |
| Dysprosium | 156-1 | 10 | 30 | 10 | 17 | 69.28 | cps |
| Dysprosium | 156-2 | 7 | 7 | 3 | 6 | 34.70 | cps |
| Erbium | 164-1 | 47 | 73 | 57 | 59 | 22.87 | cps |
| Erbium | 164-2 | 37 | 30 | 37 | 34 | 11.18 | cps |
| Gadolinium | 160-1 | 57 | 70 | 37 | 54 | 30.81 | cps |
| Gadolinium | 160-2 | 490 | 423 | 457 | 457 | 7.30 | cps |
| Holmium | 165-1 | 14494971 | 14261144 | 14461668 | 14405928 | 0.88 | cps |
| Holmium | 165-2 | 10474889 | 10291256 | 10362685 | 10376277 | 0.89 | cps |
| Indium | 115-1 | 12096021 | 12033628 | 12053161 | 12060937 | 0.26 | cps |
| Indium | 115-2 | 4412645 | 4328178 | 4412062 | 4384295 | 1.11 | cps |
| Iron | 56-2 | 20664 | 20444 | 21018 | 20709 | 1.40 | cps |
| Iron | 57-2 | 950 | 1043 | 1027 | 1007 | 4.94 | cps |
| Iron | 54-2 | 2377 | 2454 | 2697 | 2509 | 6.66 | cps |
| Krypton | 83-1 | 210 | 260 | 253 | 241 | 11.26 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:12:06 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 857 | 1017 | 973 | 949 | 8.72 | cps |
| Lead | 207-1 | 870 | 863 | 753 | 829 | 7.91 | cps |
| Lead | 208-1 | 3744 | 4094 | 3507 | 3781 | 7.81 | cps |
| Lithium | 6-1 | 1642745 | 1644513 | 1640753 | 1642670 | 0.11 | cps |
| Magnesium | 24-2 | 757 | 753 | 707 | 739 | 3.78 | cps |
| Manganese | 55-2 | 487 | 483 | 470 | 480 | 1.84 | cps |
| Molybdenum | 94-1 | 403 | 333 | 370 | 369 | 9.49 | cps |
| Molybdenum | 95-1 | 127 | 107 | 147 | 127 | 15.79 | cps |
| Molybdenum | 96-1 | 240 | 263 | 210 | 238 | 11.25 | cps |
| Molybdenum | 97-1 | 120 | 67 | 90 | 92 | 28.99 | cps |
| Molybdenum | 98-1 | 253 | 220 | 230 | 234 | 7.30 | cps |
| Neodymium | 150-1 | 0 | 7 | 3 | 3 | 100.05 | cps |
| Neodymium | 150-2 | 7 | 7 | 7 | 7 | 0.00 | cps |
| Nickel | 60-2 | 253 | 287 | 223 | 254 | 12.45 | cps |
| Phosphorus | 31-2 | 153 | 187 | 190 | 177 | 11.47 | cps |
| Potassium | 39-2 | 51299 | 51065 | 51420 | 51261 | 0.35 | cps |
| Rhodium | 103-1 | 11355071 | 11397706 | 11262872 | 11338550 | 0.61 | cps |
| Rhodium | 103-2 | 6868166 | 6823654 | 6764141 | 6818654 | 0.77 | cps |
| Scandium | 45-1 | 6683809 | 6510764 | 6561845 | 6585473 | 1.35 | cps |
| Scandium | 45-2 | 559239 | 559933 | 562249 | 560474 | 0.28 | cps |
| Selenium | 82-1 | 131 | 75 | 50 | 85 | 48.39 | cps |
| Selenium | 77-2 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Selenium | 78-2 | 473 | 430 | 443 | 449 | 4.95 | cps |
| Silicon | 28-1 | 681486 | 690113 | 685797 | 685798 | 0.63 | cps |
| Silver | 107-1 | 250 | 380 | 250 | 293 | 25.59 | cps |
| Silver | 109-1 | 207 | 293 | 143 | 214 | 35.12 | cps |
| Sodium | 23-2 | 26095 | 25855 | 25611 | 25854 | 0.94 | cps |
| Strontium | 86-1 | 447 | 443 | 407 | 432 | 5.13 | cps |
| Strontium | 88-1 | 367 | 400 | 380 | 382 | 4.39 | cps |
| Sulfur | 34-1 | 193566 | 194231 | 194211 | 194003 | 0.19 | cps |
| Terbium | 159-1 | 15052507 | 14836928 | 14832572 | 14907335 | 0.84 | cps |
| Terbium | 159-2 | 10177659 | 10445570 | 10323407 | 10315545 | 1.30 | cps |
| Thallium | 203-1 | 363 | 320 | 343 | 342 | 6.34 | cps |
| Thallium | 205-1 | 803 | 790 | 803 | 799 | 0.96 | cps |
| Tin | 118-1 | 1410 | 1257 | 1290 | 1319 | 6.11 | cps |
| Titanium | 47-1 | 70 | 87 | 117 | 91 | 25.96 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:12:06 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30 | 43 | 17 | 30 | 44.43 | cps |
| Vanadium | 51-2 | 60 | 13 | 23 | 32 | 76.26 | cps |
| Yttrium | 89-1 | 14209834 | 14040048 | 14057834 | 14102572 | 0.66 | cps |
| Yttrium | 89-2 | 3714508 | 3756339 | 3759176 | 3743341 | 0.67 | cps |
| Zinc | 66-2 | 393 | 340 | 293 | 342 | 14.62 | cps |
| Zirconium | 90-1 | 807 | 820 | 760 | 796 | 3.96 | cps |
| Zirconium | 91-1 | 157 | 173 | 180 | 170 | 7.07 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:15:22 | DataFile Name : | 133LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11705 | 11731 | 11628 | 11688 | 0.46 | cps |
| Antimony | 121-1 | 51418 | 51318 | 51903 | 51546 | 0.61 | cps |
| Arsenic | 75-2 | 1517 | 1483 | 1447 | 1482 | 2.36 | cps |
| Barium | 135-1 | 63990 | 64043 | 63969 | 64001 | 0.06 | cps |
| Barium | 137-1 | 110230 | 111835 | 112430 | 111498 | 1.02 | cps |
| Beryllium | 9-1 | 3157 | 3437 | 3087 | 3227 | 5.74 | cps |
| Bismuth | 209-1 | 8671132 | 8625034 | 8566885 | 8621017 | 0.61 | cps |
| Bismuth | 209-2 | 7409592 | 7384951 | 7336438 | 7376994 | 0.50 | cps |
| Bromine | 81-1 | 16793 | 15879 | 16853 | 16508 | 3.31 | cps |
| Bromine | 81-2 | 173 | 200 | 203 | 192 | 8.55 | cps |
| Cadmium | 108-1 | 507 | 450 | 470 | 476 | 6.04 | cps |
| Cadmium | 106-1 | 3824 | 3851 | 4034 | 3903 | 2.93 | cps |
| Cadmium | 111-1 | 8764 | 9559 | 9260 | 9194 | 4.37 | cps |
| Calcium | 43-1 | 37209 | 36724 | 38111 | 37348 | 1.88 | cps |
| Calcium | 44-1 | 604343 | 607624 | 609903 | 607290 | 0.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 22283 | 22003 | 22210 | 22165 | 0.66 | cps |
| Cobalt | 59-2 | 17163 | 17667 | 17454 | 17428 | 1.45 | cps |
| Copper | 63-2 | 30451 | 31186 | 31587 | 31074 | 1.85 | cps |
| Dysprosium | 156-1 | 10 | 17 | 13 | 13 | 25.01 | cps |
| Dysprosium | 156-2 | 20 | 7 | 20 | 16 | 49.47 | cps |
| Erbium | 164-1 | 60 | 53 | 43 | 52 | 16.07 | cps |
| Erbium | 164-2 | 57 | 50 | 33 | 47 | 25.76 | cps |
| Gadolinium | 160-1 | 53 | 40 | 40 | 44 | 17.32 | cps |
| Gadolinium | 160-2 | 457 | 447 | 510 | 471 | 7.23 | cps |
| Holmium | 165-1 | 14365076 | 14546060 | 14231940 | 14381025 | 1.10 | cps |
| Holmium | 165-2 | 10433618 | 10369547 | 10312206 | 10371790 | 0.59 | cps |
| Indium | 115-1 | 12048101 | 11927375 | 12008485 | 11994654 | 0.51 | cps |
| Indium | 115-2 | 4431475 | 4371246 | 4345752 | 4382824 | 1.00 | cps |
| Iron | 56-2 | 2056887 | 2052901 | 2058175 | 2055988 | 0.13 | cps |
| Iron | 57-2 | 51816 | 52304 | 51816 | 51978 | 0.54 | cps |
| Iron | 54-2 | 115740 | 114034 | 114480 | 114751 | 0.77 | cps |
| Krypton | 83-1 | 263 | 240 | 257 | 253 | 4.75 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:15:22 | DataFile Name : | 133LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18930 | 19321 | 19424 | 19225 | 1.36 | cps |
| Lead | 207-1 | 17565 | 17001 | 17014 | 17193 | 1.87 | cps |
| Lead | 208-1 | 77617 | 77701 | 77597 | 77638 | 0.07 | cps |
| Lithium | 6-1 | 1643838 | 1645081 | 1638781 | 1642567 | 0.20 | cps |
| Magnesium | 24-2 | 452701 | 445924 | 444522 | 447716 | 0.98 | cps |
| Manganese | 55-2 | 8943 | 9066 | 8913 | 8974 | 0.91 | cps |
| Molybdenum | 94-1 | 53206 | 54273 | 53440 | 53640 | 1.05 | cps |
| Molybdenum | 95-1 | 64695 | 64535 | 65857 | 65029 | 1.11 | cps |
| Molybdenum | 96-1 | 72130 | 73882 | 72676 | 72896 | 1.23 | cps |
| Molybdenum | 97-1 | 41398 | 41522 | 41332 | 41417 | 0.23 | cps |
| Molybdenum | 98-1 | 105803 | 107022 | 105309 | 106045 | 0.83 | cps |
| Neodymium | 150-1 | 0 | 17 | 27 | 14 | 93.26 | cps |
| Neodymium | 150-2 | 13 | 3 | 0 | 6 | 124.93 | cps |
| Nickel | 60-2 | 4521 | 4627 | 4651 | 4600 | 1.51 | cps |
| Phosphorus | 31-2 | 880 | 880 | 867 | 876 | 0.88 | cps |
| Potassium | 39-2 | 674445 | 672552 | 670698 | 672565 | 0.28 | cps |
| Rhodium | 103-1 | 11263697 | 11341017 | 11197640 | 11267451 | 0.64 | cps |
| Rhodium | 103-2 | 6789652 | 6813039 | 6721156 | 6774616 | 0.70 | cps |
| Scandium | 45-1 | 6557010 | 6596810 | 6610586 | 6588135 | 0.42 | cps |
| Scandium | 45-2 | 559955 | 563949 | 559872 | 561259 | 0.42 | cps |
| Selenium | 82-1 | 2165 | 2210 | 2142 | 2172 | 1.57 | cps |
| Selenium | 77-2 | 187 | 223 | 230 | 213 | 10.94 | cps |
| Selenium | 78-2 | 1290 | 1253 | 1173 | 1239 | 4.82 | cps |
| Silicon | 28-1 | 820245 | 818401 | 821750 | 820132 | 0.20 | cps |
| Silver | 107-1 | 33405 | 34070 | 33402 | 33626 | 1.14 | cps |
| Silver | 109-1 | 31331 | 32142 | 31958 | 31810 | 1.34 | cps |
| Sodium | 23-2 | 748542 | 745074 | 747183 | 746933 | 0.23 | cps |
| Strontium | 86-1 | 8693 | 8683 | 8829 | 8735 | 0.94 | cps |
| Strontium | 88-1 | 72524 | 73097 | 73894 | 73172 | 0.94 | cps |
| Sulfur | 34-1 | 199801 | 199399 | 201098 | 200100 | 0.44 | cps |
| Terbium | 159-1 | 14797046 | 14809795 | 14694147 | 14766996 | 0.43 | cps |
| Terbium | 159-2 | 10224114 | 10187274 | 10327575 | 10246321 | 0.71 | cps |
| Thallium | 203-1 | 23103 | 23383 | 23497 | 23328 | 0.87 | cps |
| Thallium | 205-1 | 54897 | 56236 | 55275 | 55469 | 1.24 | cps |
| Tin | 118-1 | 109345 | 110315 | 109845 | 109835 | 0.44 | cps |
| Titanium | 47-1 | 4197 | 4167 | 4234 | 4200 | 0.80 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | PB165756BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS756 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:15:22 | DataFile Name : | 133LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 66435 | 66797 | 67473 | 66902 | 0.79 | cps |
| Vanadium | 51-2 | 48050 | 47147 | 47384 | 47527 | 0.98 | cps |
| Yttrium | 89-1 | 14039510 | 14160765 | 14136801 | 14112359 | 0.46 | cps |
| Yttrium | 89-2 | 3789204 | 3754269 | 3676655 | 3740043 | 1.54 | cps |
| Zinc | 66-2 | 10704 | 10821 | 10490 | 10672 | 1.57 | cps |
| Zirconium | 90-1 | 44628 | 45433 | 44627 | 44896 | 1.04 | cps |
| Zirconium | 91-1 | 9770 | 10057 | 9813 | 9880 | 1.57 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:18:41 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3321403 | 3277144 | 3276191 | 3291579 | 0.78 | cps |
| Antimony | 121-1 | 18091 | 18232 | 17804 | 18043 | 1.21 | cps |
| Arsenic | 75-2 | 12008 | 12702 | 12168 | 12293 | 2.96 | cps |
| Barium | 135-1 | 394847 | 391427 | 393365 | 393213 | 0.44 | cps |
| Barium | 137-1 | 678934 | 685874 | 689918 | 684909 | 0.81 | cps |
| Beryllium | 9-1 | 1547 | 1580 | 1657 | 1595 | 3.54 | cps |
| Bismuth | 209-1 | 8744828 | 8809823 | 8846890 | 8800514 | 0.59 | cps |
| Bismuth | 209-2 | 7484432 | 7478043 | 7460311 | 7474262 | 0.17 | cps |
| Bromine | 81-1 | 22140 | 22701 | 22617 | 22486 | 1.35 | cps |
| Bromine | 81-2 | 1523 | 1510 | 1537 | 1523 | 0.88 | cps |
| Cadmium | 108-1 | 620 | 577 | 527 | 574 | 8.13 | cps |
| Cadmium | 106-1 | 4621 | 4271 | 4041 | 4311 | 6.78 | cps |
| Cadmium | 111-1 | 10223 | 9924 | 9988 | 10045 | 1.56 | cps |
| Calcium | 43-1 | 2628657 | 2599736 | 2602384 | 2610259 | 0.61 | cps |
| Calcium | 44-1 | 42106664 | 41188635 | 41163686 | 41486329 | 1.30 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 311074 | 310093 | 307865 | 309677 | 0.53 | cps |
| Cobalt | 59-2 | 168072 | 164271 | 165642 | 165995 | 1.16 | cps |
| Copper | 63-2 | 556190 | 549941 | 547416 | 551182 | 0.82 | cps |
| Dysprosium | 156-1 | 62957 | 63583 | 62997 | 63179 | 0.55 | cps |
| Dysprosium | 156-2 | 49450 | 49172 | 49851 | 49491 | 0.69 | cps |
| Erbium | 164-1 | 53609 | 54077 | 54211 | 53966 | 0.59 | cps |
| Erbium | 164-2 | 37985 | 38105 | 38546 | 38212 | 0.77 | cps |
| Gadolinium | 160-1 | 60771 | 60359 | 60620 | 60584 | 0.34 | cps |
| Gadolinium | 160-2 | 46099 | 45386 | 44962 | 45482 | 1.26 | cps |
| Holmium | 165-1 | 15114557 | 14859360 | 14818756 | 14930891 | 1.07 | cps |
| Holmium | 165-2 | 10488596 | 10688681 | 10588391 | 10588556 | 0.94 | cps |
| Indium | 115-1 | 12307324 | 12132175 | 12086102 | 12175200 | 0.96 | cps |
| Indium | 115-2 | 4208485 | 4321857 | 4269415 | 4266585 | 1.33 | cps |
| Iron | 56-2 | 265987296 | 263727596 | 263383856 | 264366249 | 0.53 | cps |
| Iron | 57-2 | 6548201 | 6524709 | 6493765 | 6522225 | 0.42 | cps |
| Iron | 54-2 | 14365986 | 14141366 | 14230271 | 14245874 | 0.79 | cps |
| Krypton | 83-1 | 317 | 270 | 317 | 301 | 8.95 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:18:41 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1195926 | 1202906 | 1220167 | 1206333 | 1.03 | cps |
| Lead | 207-1 | 1011316 | 1015266 | 1015260 | 1013947 | 0.22 | cps |
| Lead | 208-1 | 4943221 | 4927189 | 4941543 | 4937318 | 0.18 | cps |
| Lithium | 6-1 | 1720508 | 1720497 | 1718858 | 1719954 | 0.06 | cps |
| Magnesium | 24-2 | 5642216 | 5663518 | 5661345 | 5655693 | 0.21 | cps |
| Manganese | 55-2 | 4078499 | 4052033 | 4058487 | 4063007 | 0.34 | cps |
| Molybdenum | 94-1 | 39416 | 39707 | 38882 | 39335 | 1.06 | cps |
| Molybdenum | 95-1 | 43839 | 43541 | 43364 | 43581 | 0.55 | cps |
| Molybdenum | 96-1 | 53076 | 53153 | 53474 | 53234 | 0.40 | cps |
| Molybdenum | 97-1 | 27753 | 28004 | 27810 | 27855 | 0.47 | cps |
| Molybdenum | 98-1 | 70861 | 70619 | 70743 | 70741 | 0.17 | cps |
| Neodymium | 150-1 | 91867 | 92920 | 93520 | 92769 | 0.90 | cps |
| Neodymium | 150-2 | 55328 | 54856 | 54682 | 54955 | 0.61 | cps |
| Nickel | 60-2 | 142075 | 138754 | 138707 | 139846 | 1.38 | cps |
| Phosphorus | 31-2 | 31800 | 32605 | 32201 | 32202 | 1.25 | cps |
| Potassium | 39-2 | 1075149 | 1068873 | 1069395 | 1071139 | 0.33 | cps |
| Rhodium | 103-1 | 11249117 | 11046665 | 10981889 | 11092557 | 1.26 | cps |
| Rhodium | 103-2 | 6573217 | 6607377 | 6625343 | 6601979 | 0.40 | cps |
| Scandium | 45-1 | 6853084 | 6575088 | 6573631 | 6667268 | 2.41 | cps |
| Scandium | 45-2 | 538178 | 536072 | 537688 | 537313 | 0.21 | cps |
| Selenium | 82-1 | 330 | 376 | 265 | 324 | 17.22 | cps |
| Selenium | 77-2 | 167 | 173 | 193 | 178 | 7.81 | cps |
| Selenium | 78-2 | 623 | 583 | 603 | 603 | 3.31 | cps |
| Silicon | 28-1 | 21714348 | 21235435 | 21207559 | 21385781 | 1.33 | cps |
| Silver | 107-1 | 5968 | 5008 | 4744 | 5240 | 12.29 | cps |
| Silver | 109-1 | 5628 | 4858 | 4327 | 4938 | 13.24 | cps |
| Sodium | 23-2 | 281362 | 281928 | 283096 | 282128 | 0.31 | cps |
| Strontium | 86-1 | 503127 | 502133 | 500151 | 501804 | 0.30 | cps |
| Strontium | 88-1 | 4530793 | 4524133 | 4538459 | 4531129 | 0.16 | cps |
| Sulfur | 34-1 | 228547 | 227887 | 224559 | 226997 | 0.94 | cps |
| Terbium | 159-1 | 15563072 | 15238794 | 15209933 | 15337266 | 1.28 | cps |
| Terbium | 159-2 | 10368715 | 10547247 | 10405424 | 10440462 | 0.90 | cps |
| Thallium | 203-1 | 3967 | 3944 | 4251 | 4054 | 4.21 | cps |
| Thallium | 205-1 | 10117 | 10080 | 9644 | 9947 | 2.65 | cps |
| Tin | 118-1 | 39126 | 37810 | 38321 | 38419 | 1.73 | cps |
| Titanium | 47-1 | 202421 | 199183 | 201469 | 201024 | 0.83 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:18:41 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 60657 | 60791 | 60681 | 60710 | 0.12 | cps |
| Vanadium | 51-2 | 155127 | 155491 | 155404 | 155341 | 0.12 | cps |
| Yttrium | 89-1 | 15555531 | 15041219 | 15136488 | 15244413 | 1.79 | cps |
| Yttrium | 89-2 | 3830970 | 3852798 | 3882093 | 3855287 | 0.67 | cps |
| Zinc | 66-2 | 467425 | 463280 | 462931 | 464545 | 0.54 | cps |
| Zirconium | 90-1 | 38658 | 38858 | 38043 | 38519 | 1.10 | cps |
| Zirconium | 91-1 | 8322 | 8459 | 8693 | 8491 | 2.20 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:21:47 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3107927 | 3143402 | 3070981 | 3107437 | 1.17 | cps |
| Antimony | 121-1 | 4451 | 4737 | 4597 | 4595 | 3.12 | cps |
| Arsenic | 75-2 | 14254 | 14190 | 13933 | 14126 | 1.20 | cps |
| Barium | 135-1 | 341211 | 340802 | 343206 | 341740 | 0.38 | cps |
| Barium | 137-1 | 589972 | 595597 | 599749 | 595106 | 0.82 | cps |
| Beryllium | 9-1 | 1183 | 1113 | 1117 | 1138 | 3.47 | cps |
| Bismuth | 209-1 | 8840105 | 8601162 | 8606157 | 8682475 | 1.57 | cps |
| Bismuth | 209-2 | 7301453 | 7224948 | 7288113 | 7271505 | 0.56 | cps |
| Bromine | 81-1 | 16890 | 17490 | 17607 | 17329 | 2.22 | cps |
| Bromine | 81-2 | 587 | 580 | 477 | 548 | 11.26 | cps |
| Cadmium | 108-1 | 270 | 297 | 313 | 293 | 7.45 | cps |
| Cadmium | 106-1 | 4267 | 4157 | 4017 | 4147 | 3.02 | cps |
| Cadmium | 111-1 | 3882 | 3813 | 3806 | 3833 | 1.09 | cps |
| Calcium | 43-1 | 8376351 | 8394844 | 8359912 | 8377036 | 0.21 | cps |
| Calcium | 44-1 | 133925315 | 135130385 | 133419055 | 134158251 | 0.66 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 118625 | 117866 | 119220 | 118570 | 0.57 | cps |
| Cobalt | 59-2 | 125231 | 123688 | 124370 | 124429 | 0.62 | cps |
| Copper | 63-2 | 228458 | 230000 | 227032 | 228497 | 0.65 | cps |
| Dysprosium | 156-1 | 67679 | 68332 | 68509 | 68173 | 0.64 | cps |
| Dysprosium | 156-2 | 53893 | 54151 | 54064 | 54036 | 0.24 | cps |
| Erbium | 164-1 | 58375 | 59004 | 59861 | 59080 | 1.26 | cps |
| Erbium | 164-2 | 41618 | 41859 | 41572 | 41683 | 0.37 | cps |
| Gadolinium | 160-1 | 67099 | 68490 | 67887 | 67825 | 1.03 | cps |
| Gadolinium | 160-2 | 50738 | 50745 | 50551 | 50678 | 0.22 | cps |
| Holmium | 165-1 | 15320304 | 14886811 | 14751159 | 14986091 | 1.98 | cps |
| Holmium | 165-2 | 10530477 | 10392862 | 10541076 | 10488138 | 0.79 | cps |
| Indium | 115-1 | 12284501 | 11908307 | 11745436 | 11979415 | 2.31 | cps |
| Indium | 115-2 | 4184268 | 4143960 | 4146696 | 4158308 | 0.54 | cps |
| Iron | 56-2 | 182453517 | 180522291 | 181883991 | 181619933 | 0.55 | cps |
| Iron | 57-2 | 4635131 | 4584437 | 4562386 | 4593985 | 0.81 | cps |
| Iron | 54-2 | 9869555 | 9725747 | 9710716 | 9768673 | 0.90 | cps |
| Krypton | 83-1 | 337 | 333 | 350 | 340 | 2.59 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:21:47 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 172368 | 173928 | 175470 | 173922 | 0.89 | cps |
| Lead | 207-1 | 138564 | 142844 | 140898 | 140769 | 1.52 | cps |
| Lead | 208-1 | 651856 | 665360 | 667512 | 661576 | 1.28 | cps |
| Lithium | 6-1 | 1713544 | 1724300 | 1732122 | 1723322 | 0.54 | cps |
| Magnesium | 24-2 | 12589114 | 12519091 | 12407323 | 12505176 | 0.73 | cps |
| Manganese | 55-2 | 2482526 | 2468674 | 2472729 | 2474643 | 0.29 | cps |
| Molybdenum | 94-1 | 93152 | 93298 | 93456 | 93302 | 0.16 | cps |
| Molybdenum | 95-1 | 45310 | 46320 | 46293 | 45974 | 1.25 | cps |
| Molybdenum | 96-1 | 62549 | 62734 | 63303 | 62862 | 0.62 | cps |
| Molybdenum | 97-1 | 28752 | 29035 | 28798 | 28862 | 0.53 | cps |
| Molybdenum | 98-1 | 73993 | 76140 | 74163 | 74765 | 1.60 | cps |
| Neodymium | 150-1 | 101791 | 104587 | 102807 | 103062 | 1.37 | cps |
| Neodymium | 150-2 | 61433 | 61366 | 60760 | 61186 | 0.61 | cps |
| Nickel | 60-2 | 85220 | 84885 | 84482 | 84862 | 0.44 | cps |
| Phosphorus | 31-2 | 13519 | 13376 | 13259 | 13385 | 0.97 | cps |
| Potassium | 39-2 | 986387 | 984197 | 973591 | 981392 | 0.70 | cps |
| Rhodium | 103-1 | 11013857 | 10599163 | 10753418 | 10788812 | 1.94 | cps |
| Rhodium | 103-2 | 6281162 | 6384011 | 6324850 | 6330008 | 0.82 | cps |
| Scandium | 45-1 | 6837220 | 6639273 | 6517968 | 6664820 | 2.42 | cps |
| Scandium | 45-2 | 541892 | 537255 | 534478 | 537875 | 0.70 | cps |
| Selenium | 82-1 | 378 | 311 | 351 | 347 | 9.73 | cps |
| Selenium | 77-2 | 207 | 203 | 207 | 206 | 0.94 | cps |
| Selenium | 78-2 | 577 | 533 | 653 | 588 | 10.34 | cps |
| Silicon | 28-1 | 19378222 | 19577495 | 19305256 | 19420324 | 0.73 | cps |
| Silver | 107-1 | 1453 | 1423 | 1483 | 1453 | 2.06 | cps |
| Silver | 109-1 | 1150 | 1203 | 1303 | 1219 | 6.39 | cps |
| Sodium | 23-2 | 195018 | 196304 | 194646 | 195323 | 0.45 | cps |
| Strontium | 86-1 | 1337524 | 1352983 | 1346986 | 1345831 | 0.58 | cps |
| Strontium | 88-1 | 12048006 | 12130271 | 12104035 | 12094104 | 0.35 | cps |
| Sulfur | 34-1 | 206918 | 206959 | 204064 | 205980 | 0.81 | cps |
| Terbium | 159-1 | 15757752 | 15120423 | 15395469 | 15424548 | 2.07 | cps |
| Terbium | 159-2 | 10462375 | 10289514 | 10416109 | 10389333 | 0.86 | cps |
| Thallium | 203-1 | 3941 | 3944 | 4114 | 4000 | 2.48 | cps |
| Thallium | 205-1 | 9553 | 9654 | 9590 | 9599 | 0.53 | cps |
| Tin | 118-1 | 7098 | 7512 | 7202 | 7271 | 2.96 | cps |
| Titanium | 47-1 | 326983 | 331662 | 327974 | 328873 | 0.75 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:21:47 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 63980 | 64415 | 66247 | 64881 | 1.85 | cps |
| Vanadium | 51-2 | 123829 | 123812 | 123291 | 123644 | 0.25 | cps |
| Yttrium | 89-1 | 15298254 | 14760988 | 14908064 | 14989102 | 1.85 | cps |
| Yttrium | 89-2 | 3811815 | 3838762 | 3849033 | 3833203 | 0.50 | cps |
| Zinc | 66-2 | 108071 | 107275 | 106620 | 107322 | 0.68 | cps |
| Zirconium | 90-1 | 178963 | 181712 | 179920 | 180198 | 0.77 | cps |
| Zirconium | 91-1 | 39312 | 40198 | 41214 | 40242 | 2.36 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:24:59 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2275350 | 2269263 | 2278523 | 2274378 | 0.21 | cps |
| Antimony | 121-1 | 7675 | 7562 | 7519 | 7585 | 1.07 | cps |
| Arsenic | 75-2 | 6905 | 6925 | 6765 | 6865 | 1.27 | cps |
| Barium | 135-1 | 754110 | 755222 | 759322 | 756218 | 0.36 | cps |
| Barium | 137-1 | 1315005 | 1300317 | 1316951 | 1310758 | 0.69 | cps |
| Beryllium | 9-1 | 877 | 940 | 890 | 902 | 3.70 | cps |
| Bismuth | 209-1 | 8449131 | 8336725 | 8531005 | 8438954 | 1.16 | cps |
| Bismuth | 209-2 | 7068546 | 7032624 | 7013103 | 7038091 | 0.40 | cps |
| Bromine | 81-1 | 17260 | 17374 | 17941 | 17525 | 2.08 | cps |
| Bromine | 81-2 | 650 | 673 | 617 | 647 | 4.40 | cps |
| Cadmium | 108-1 | 390 | 407 | 387 | 394 | 2.72 | cps |
| Cadmium | 106-1 | 4491 | 4461 | 4447 | 4466 | 0.50 | cps |
| Cadmium | 111-1 | 4671 | 4481 | 4533 | 4562 | 2.15 | cps |
| Calcium | 43-1 | 13353901 | 13061331 | 13221333 | 13212188 | 1.11 | cps |
| Calcium | 44-1 | 212523710 | 209929944 | 211473610 | 211309088 | 0.62 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 110074 | 110780 | 109554 | 110136 | 0.56 | cps |
| Cobalt | 59-2 | 89729 | 89334 | 89662 | 89575 | 0.24 | cps |
| Copper | 63-2 | 154811 | 153164 | 152868 | 153614 | 0.68 | cps |
| Dysprosium | 156-1 | 45801 | 46189 | 45654 | 45881 | 0.60 | cps |
| Dysprosium | 156-2 | 36564 | 36524 | 36471 | 36520 | 0.13 | cps |
| Erbium | 164-1 | 40117 | 40081 | 40291 | 40163 | 0.28 | cps |
| Erbium | 164-2 | 28730 | 28990 | 29328 | 29016 | 1.03 | cps |
| Gadolinium | 160-1 | 45153 | 45149 | 45754 | 45352 | 0.77 | cps |
| Gadolinium | 160-2 | 34132 | 34623 | 34128 | 34294 | 0.83 | cps |
| Holmium | 165-1 | 14763378 | 14559461 | 14674678 | 14665839 | 0.70 | cps |
| Holmium | 165-2 | 10662107 | 10372693 | 10472164 | 10502321 | 1.40 | cps |
| Indium | 115-1 | 11671304 | 11518295 | 11665449 | 11618349 | 0.75 | cps |
| Indium | 115-2 | 4169837 | 4196110 | 4115373 | 4160440 | 0.99 | cps |
| Iron | 56-2 | 116047068 | 114952632 | 114936078 | 115311926 | 0.55 | cps |
| Iron | 57-2 | 3052800 | 3050945 | 3048706 | 3050817 | 0.07 | cps |
| Iron | 54-2 | 6192695 | 6224612 | 6175443 | 6197583 | 0.40 | cps |
| Krypton | 83-1 | 297 | 320 | 290 | 302 | 5.21 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:24:59 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 138187 | 138194 | 138629 | 138337 | 0.18 | cps |
| Lead | 207-1 | 107487 | 106879 | 107961 | 107442 | 0.50 | cps |
| Lead | 208-1 | 508648 | 511198 | 515274 | 511707 | 0.65 | cps |
| Lithium | 6-1 | 1752468 | 1742364 | 1750293 | 1748375 | 0.30 | cps |
| Magnesium | 24-2 | 63726769 | 63854317 | 64084299 | 63888462 | 0.28 | cps |
| Manganese | 55-2 | 2622113 | 2623707 | 2602659 | 2616160 | 0.45 | cps |
| Molybdenum | 94-1 | 142169 | 142360 | 141885 | 142138 | 0.17 | cps |
| Molybdenum | 95-1 | 51216 | 51560 | 51326 | 51368 | 0.34 | cps |
| Molybdenum | 96-1 | 75540 | 75805 | 76133 | 75826 | 0.39 | cps |
| Molybdenum | 97-1 | 32098 | 32229 | 32660 | 32329 | 0.91 | cps |
| Molybdenum | 98-1 | 83839 | 83473 | 82816 | 83376 | 0.62 | cps |
| Neodymium | 150-1 | 67842 | 68026 | 68311 | 68060 | 0.35 | cps |
| Neodymium | 150-2 | 40916 | 41177 | 40364 | 40819 | 1.02 | cps |
| Nickel | 60-2 | 65549 | 65934 | 66205 | 65896 | 0.50 | cps |
| Phosphorus | 31-2 | 8426 | 8496 | 8362 | 8428 | 0.79 | cps |
| Potassium | 39-2 | 923833 | 919809 | 924664 | 922769 | 0.28 | cps |
| Rhodium | 103-1 | 10579775 | 10523999 | 10386359 | 10496711 | 0.95 | cps |
| Rhodium | 103-2 | 6296953 | 6367817 | 6272881 | 6312550 | 0.78 | cps |
| Scandium | 45-1 | 6619975 | 6580764 | 6604181 | 6601640 | 0.30 | cps |
| Scandium | 45-2 | 549402 | 548437 | 547463 | 548434 | 0.18 | cps |
| Selenium | 82-1 | 421 | 454 | 401 | 425 | 6.27 | cps |
| Selenium | 77-2 | 183 | 100 | 117 | 133 | 33.07 | cps |
| Selenium | 78-2 | 520 | 497 | 477 | 498 | 4.36 | cps |
| Silicon | 28-1 | 17987854 | 17998760 | 17850548 | 17945721 | 0.46 | cps |
| Silver | 107-1 | 1630 | 1383 | 1567 | 1527 | 8.39 | cps |
| Silver | 109-1 | 1190 | 1200 | 1297 | 1229 | 4.79 | cps |
| Sodium | 23-2 | 289135 | 288815 | 291428 | 289793 | 0.49 | cps |
| Strontium | 86-1 | 12975362 | 12959694 | 12973919 | 12969658 | 0.07 | cps |
| Strontium | 88-1 | 112591405 | 113004178 | 112759722 | 112785102 | 0.18 | cps |
| Sulfur | 34-1 | 393132 | 395545 | 396858 | 395178 | 0.48 | cps |
| Terbium | 159-1 | 15197859 | 15216092 | 15093027 | 15168993 | 0.44 | cps |
| Terbium | 159-2 | 10262607 | 10214913 | 10277027 | 10251516 | 0.32 | cps |
| Thallium | 203-1 | 1937 | 2024 | 1877 | 1946 | 3.79 | cps |
| Thallium | 205-1 | 4484 | 4497 | 4771 | 4584 | 3.53 | cps |
| Tin | 118-1 | 6285 | 6111 | 6288 | 6228 | 1.62 | cps |
| Titanium | 47-1 | 285351 | 285229 | 287465 | 286015 | 0.44 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:24:59 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 122128 | 122091 | 122797 | 122339 | 0.33 | cps |
| Vanadium | 51-2 | 131711 | 130764 | 131352 | 131276 | 0.36 | cps |
| Yttrium | 89-1 | 14809780 | 14487001 | 14486674 | 14594485 | 1.28 | cps |
| Yttrium | 89-2 | 3796670 | 3793638 | 3755117 | 3781809 | 0.61 | cps |
| Zinc | 66-2 | 87621 | 88647 | 87347 | 87872 | 0.78 | cps |
| Zirconium | 90-1 | 302908 | 307858 | 305735 | 305500 | 0.81 | cps |
| Zirconium | 91-1 | 68060 | 68017 | 68197 | 68091 | 0.14 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:28:07 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2473042 | 2464245 | 2490950 | 2476079 | 0.55 | cps |
| Antimony | 121-1 | 13516 | 13403 | 13586 | 13502 | 0.69 | cps |
| Arsenic | 75-2 | 6935 | 6942 | 7115 | 6997 | 1.46 | cps |
| Barium | 135-1 | 387076 | 391175 | 390448 | 389566 | 0.56 | cps |
| Barium | 137-1 | 675657 | 677391 | 675322 | 676124 | 0.16 | cps |
| Beryllium | 9-1 | 1247 | 1227 | 1250 | 1241 | 1.02 | cps |
| Bismuth | 209-1 | 8969514 | 8744578 | 8756212 | 8823435 | 1.44 | cps |
| Bismuth | 209-2 | 7426471 | 7312879 | 7377604 | 7372318 | 0.77 | cps |
| Bromine | 81-1 | 17814 | 18405 | 18472 | 18230 | 1.99 | cps |
| Bromine | 81-2 | 750 | 717 | 783 | 750 | 4.44 | cps |
| Cadmium | 108-1 | 427 | 353 | 383 | 388 | 9.51 | cps |
| Cadmium | 106-1 | 4214 | 3837 | 4181 | 4077 | 5.12 | cps |
| Cadmium | 111-1 | 6228 | 6163 | 6349 | 6246 | 1.51 | cps |
| Calcium | 43-1 | 4701770 | 4676253 | 4669743 | 4682589 | 0.36 | cps |
| Calcium | 44-1 | 76003821 | 75595889 | 74166069 | 75255259 | 1.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1017604 | 1008283 | 1013210 | 1013032 | 0.46 | cps |
| Cobalt | 59-2 | 76269 | 76333 | 76604 | 76402 | 0.23 | cps |
| Copper | 63-2 | 218755 | 216262 | 220832 | 218616 | 1.05 | cps |
| Dysprosium | 156-1 | 45152 | 44500 | 44253 | 44635 | 1.04 | cps |
| Dysprosium | 156-2 | 34940 | 35294 | 35525 | 35253 | 0.84 | cps |
| Erbium | 164-1 | 39322 | 39910 | 39238 | 39490 | 0.93 | cps |
| Erbium | 164-2 | 28052 | 28265 | 28416 | 28244 | 0.65 | cps |
| Gadolinium | 160-1 | 44253 | 44591 | 44551 | 44465 | 0.41 | cps |
| Gadolinium | 160-2 | 32798 | 33336 | 32718 | 32951 | 1.02 | cps |
| Holmium | 165-1 | 14896915 | 14924213 | 15014934 | 14945354 | 0.41 | cps |
| Holmium | 165-2 | 10540790 | 10616566 | 10404833 | 10520730 | 1.02 | cps |
| Indium | 115-1 | 12068768 | 11768033 | 11774856 | 11870552 | 1.45 | cps |
| Indium | 115-2 | 4192170 | 4154614 | 4165894 | 4170893 | 0.46 | cps |
| Iron | 56-2 | 170354587 | 170121101 | 168980704 | 169818797 | 0.43 | cps |
| Iron | 57-2 | 4232337 | 4188605 | 4241952 | 4220965 | 0.67 | cps |
| Iron | 54-2 | 9231978 | 9153738 | 9053576 | 9146431 | 0.98 | cps |
| Krypton | 83-1 | 290 | 313 | 337 | 313 | 7.45 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:28:07 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 632357 | 633534 | 630431 | 632107 | 0.25 | cps |
| Lead | 207-1 | 527612 | 532631 | 533079 | 531108 | 0.57 | cps |
| Lead | 208-1 | 2453548 | 2443576 | 2451010 | 2449378 | 0.21 | cps |
| Lithium | 6-1 | 1872518 | 1832469 | 1835597 | 1846861 | 1.21 | cps |
| Magnesium | 24-2 | 14854951 | 14670817 | 14846935 | 14790901 | 0.70 | cps |
| Manganese | 55-2 | 10274236 | 10325790 | 10328483 | 10309503 | 0.30 | cps |
| Molybdenum | 94-1 | 61662 | 63102 | 62088 | 62284 | 1.19 | cps |
| Molybdenum | 95-1 | 51116 | 52075 | 51808 | 51666 | 0.96 | cps |
| Molybdenum | 96-1 | 62285 | 62128 | 62777 | 62397 | 0.54 | cps |
| Molybdenum | 97-1 | 31708 | 31985 | 32082 | 31925 | 0.61 | cps |
| Molybdenum | 98-1 | 83524 | 82977 | 83332 | 83278 | 0.33 | cps |
| Neodymium | 150-1 | 67541 | 68666 | 66476 | 67561 | 1.62 | cps |
| Neodymium | 150-2 | 40067 | 40655 | 41304 | 40675 | 1.52 | cps |
| Nickel | 60-2 | 55766 | 55275 | 55452 | 55498 | 0.45 | cps |
| Phosphorus | 31-2 | 12659 | 12292 | 12759 | 12570 | 1.96 | cps |
| Potassium | 39-2 | 569480 | 573060 | 577379 | 573306 | 0.69 | cps |
| Rhodium | 103-1 | 10717328 | 10714187 | 10749717 | 10727077 | 0.18 | cps |
| Rhodium | 103-2 | 6415154 | 6385169 | 6361799 | 6387374 | 0.42 | cps |
| Scandium | 45-1 | 6590742 | 6412204 | 6346857 | 6449934 | 1.96 | cps |
| Scandium | 45-2 | 527544 | 521810 | 521641 | 523665 | 0.64 | cps |
| Selenium | 82-1 | 295 | 299 | 263 | 286 | 6.85 | cps |
| Selenium | 77-2 | 147 | 140 | 137 | 141 | 3.61 | cps |
| Selenium | 78-2 | 527 | 527 | 550 | 534 | 2.52 | cps |
| Silicon | 28-1 | 18706982 | 18633976 | 18806692 | 18715883 | 0.46 | cps |
| Silver | 107-1 | 1607 | 1717 | 1667 | 1663 | 3.31 | cps |
| Silver | 109-1 | 1513 | 1437 | 1450 | 1467 | 2.79 | cps |
| Sodium | 23-2 | 201943 | 202750 | 204861 | 203184 | 0.74 | cps |
| Strontium | 86-1 | 2831486 | 2823904 | 2818166 | 2824519 | 0.24 | cps |
| Strontium | 88-1 | 24527716 | 24466354 | 24530904 | 24508325 | 0.15 | cps |
| Sulfur | 34-1 | 237469 | 232844 | 233480 | 234598 | 1.07 | cps |
| Terbium | 159-1 | 15456588 | 15054253 | 15249290 | 15253377 | 1.32 | cps |
| Terbium | 159-2 | 10394609 | 10256298 | 10273723 | 10308210 | 0.73 | cps |
| Thallium | 203-1 | 2740 | 2490 | 2544 | 2591 | 5.08 | cps |
| Thallium | 205-1 | 6048 | 6185 | 6005 | 6079 | 1.55 | cps |
| Tin | 118-1 | 658117 | 661218 | 661185 | 660173 | 0.27 | cps |
| Titanium | 47-1 | 348823 | 348049 | 347575 | 348149 | 0.18 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Q9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:28:07 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 63823 | 65658 | 65229 | 64903 | 1.48 | cps |
| Vanadium | 51-2 | 207837 | 208692 | 208121 | 208217 | 0.21 | cps |
| Yttrium | 89-1 | 14630474 | 14485631 | 14583133 | 14566413 | 0.51 | cps |
| Yttrium | 89-2 | 3699331 | 3659620 | 3692990 | 3683980 | 0.58 | cps |
| Zinc | 66-2 | 315920 | 313537 | 315074 | 314844 | 0.38 | cps |
| Zirconium | 90-1 | 89655 | 90212 | 89785 | 89884 | 0.32 | cps |
| Zirconium | 91-1 | 19843 | 19259 | 20094 | 19732 | 2.17 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:31:17 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3162385 | 3164660 | 3173580 | 3166875 | 0.19 | cps |
| Antimony | 121-1 | 4674 | 4627 | 4667 | 4656 | 0.54 | cps |
| Arsenic | 75-2 | 7635 | 7762 | 7502 | 7633 | 1.70 | cps |
| Barium | 135-1 | 414398 | 420089 | 418378 | 417622 | 0.70 | cps |
| Barium | 137-1 | 722513 | 736907 | 722323 | 727248 | 1.15 | cps |
| Beryllium | 9-1 | 1490 | 1590 | 1523 | 1535 | 3.32 | cps |
| Bismuth | 209-1 | 8757357 | 8739375 | 8746742 | 8747825 | 0.10 | cps |
| Bismuth | 209-2 | 7284158 | 7440706 | 7381746 | 7368870 | 1.07 | cps |
| Bromine | 81-1 | 18485 | 18795 | 19213 | 18831 | 1.94 | cps |
| Bromine | 81-2 | 990 | 990 | 1067 | 1016 | 4.36 | cps |
| Cadmium | 108-1 | 333 | 297 | 287 | 306 | 8.04 | cps |
| Cadmium | 106-1 | 4007 | 3861 | 3924 | 3931 | 1.87 | cps |
| Cadmium | 111-1 | 4855 | 4785 | 5003 | 4881 | 2.28 | cps |
| Calcium | 43-1 | 4803715 | 4793530 | 4795745 | 4797663 | 0.11 | cps |
| Calcium | 44-1 | 76012322 | 76744282 | 76432857 | 76396487 | 0.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 373920 | 379839 | 374469 | 376076 | 0.87 | cps |
| Cobalt | 59-2 | 101215 | 101416 | 99983 | 100871 | 0.77 | cps |
| Copper | 63-2 | 207964 | 208430 | 209826 | 208740 | 0.46 | cps |
| Dysprosium | 156-1 | 53254 | 53762 | 53348 | 53455 | 0.51 | cps |
| Dysprosium | 156-2 | 42049 | 41040 | 42357 | 41815 | 1.65 | cps |
| Erbium | 164-1 | 47099 | 47360 | 47323 | 47261 | 0.30 | cps |
| Erbium | 164-2 | 33530 | 33316 | 32935 | 33261 | 0.91 | cps |
| Gadolinium | 160-1 | 52237 | 52812 | 52816 | 52622 | 0.63 | cps |
| Gadolinium | 160-2 | 39689 | 39312 | 39699 | 39567 | 0.56 | cps |
| Holmium | 165-1 | 14805184 | 14782994 | 14816869 | 14801682 | 0.12 | cps |
| Holmium | 165-2 | 10379537 | 10609932 | 10290569 | 10426679 | 1.58 | cps |
| Indium | 115-1 | 11732474 | 11787573 | 11664175 | 11728074 | 0.53 | cps |
| Indium | 115-2 | 4057198 | 4129439 | 4109588 | 4098742 | 0.91 | cps |
| Iron | 56-2 | 168812967 | 168697327 | 165234581 | 167581625 | 1.21 | cps |
| Iron | 57-2 | 4186611 | 4211882 | 4146176 | 4181556 | 0.79 | cps |
| Iron | 54-2 | 9115614 | 9062795 | 9015026 | 9064478 | 0.56 | cps |
| Krypton | 83-1 | 307 | 303 | 287 | 299 | 3.59 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:31:17 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 550182 | 557166 | 553376 | 553574 | 0.63 | cps |
| Lead | 207-1 | 452456 | 456965 | 456653 | 455358 | 0.55 | cps |
| Lead | 208-1 | 2112556 | 2128478 | 2142249 | 2127761 | 0.70 | cps |
| Lithium | 6-1 | 1801323 | 1823544 | 1798238 | 1807702 | 0.76 | cps |
| Magnesium | 24-2 | 14990911 | 15031759 | 15021348 | 15014673 | 0.14 | cps |
| Manganese | 55-2 | 6976707 | 6908530 | 6758202 | 6881146 | 1.62 | cps |
| Molybdenum | 94-1 | 61471 | 60809 | 61050 | 61110 | 0.55 | cps |
| Molybdenum | 95-1 | 42752 | 43160 | 43387 | 43100 | 0.75 | cps |
| Molybdenum | 96-1 | 54444 | 54146 | 54043 | 54211 | 0.38 | cps |
| Molybdenum | 97-1 | 26701 | 26447 | 26838 | 26662 | 0.74 | cps |
| Molybdenum | 98-1 | 70492 | 69471 | 68858 | 69607 | 1.19 | cps |
| Neodymium | 150-1 | 81084 | 81182 | 81483 | 81250 | 0.26 | cps |
| Neodymium | 150-2 | 48212 | 48617 | 48095 | 48308 | 0.57 | cps |
| Nickel | 60-2 | 69142 | 68375 | 69500 | 69005 | 0.83 | cps |
| Phosphorus | 31-2 | 9953 | 10364 | 10590 | 10302 | 3.13 | cps |
| Potassium | 39-2 | 771220 | 765310 | 770814 | 769115 | 0.43 | cps |
| Rhodium | 103-1 | 10748207 | 10733961 | 10595039 | 10692402 | 0.79 | cps |
| Rhodium | 103-2 | 6304480 | 6403118 | 6272197 | 6326598 | 1.08 | cps |
| Scandium | 45-1 | 6420850 | 6375641 | 6362216 | 6386236 | 0.48 | cps |
| Scandium | 45-2 | 516242 | 512309 | 516282 | 514944 | 0.44 | cps |
| Selenium | 82-1 | 313 | 263 | 296 | 291 | 8.70 | cps |
| Selenium | 77-2 | 107 | 193 | 123 | 141 | 32.59 | cps |
| Selenium | 78-2 | 580 | 507 | 617 | 568 | 9.87 | cps |
| Silicon | 28-1 | 23934046 | 23784341 | 23592173 | 23770187 | 0.72 | cps |
| Silver | 107-1 | 1997 | 1993 | 1993 | 1995 | 0.10 | cps |
| Silver | 109-1 | 1863 | 1997 | 1857 | 1906 | 4.14 | cps |
| Sodium | 23-2 | 181509 | 180980 | 182815 | 181768 | 0.52 | cps |
| Strontium | 86-1 | 2341622 | 2394799 | 2359226 | 2365216 | 1.15 | cps |
| Strontium | 88-1 | 20290368 | 20224862 | 20253598 | 20256276 | 0.16 | cps |
| Sulfur | 34-1 | 233676 | 232394 | 232739 | 232936 | 0.28 | cps |
| Terbium | 159-1 | 15073819 | 15067604 | 15011892 | 15051105 | 0.23 | cps |
| Terbium | 159-2 | 10257143 | 10230367 | 10265010 | 10250840 | 0.18 | cps |
| Thallium | 203-1 | 3651 | 3547 | 3434 | 3544 | 3.06 | cps |
| Thallium | 205-1 | 8203 | 8583 | 8593 | 8459 | 2.63 | cps |
| Tin | 118-1 | 18268 | 18913 | 18539 | 18573 | 1.74 | cps |
| Titanium | 47-1 | 269964 | 270796 | 270799 | 270519 | 0.18 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:31:17 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 66643 | 67520 | 67768 | 67310 | 0.88 | cps |
| Vanadium | 51-2 | 188038 | 186932 | 186844 | 187272 | 0.36 | cps |
| Yttrium | 89-1 | 14531798 | 14555371 | 14242878 | 14443349 | 1.20 | cps |
| Yttrium | 89-2 | 3680568 | 3726768 | 3663858 | 3690398 | 0.88 | cps |
| Zinc | 66-2 | 148718 | 149879 | 150738 | 149778 | 0.68 | cps |
| Zirconium | 90-1 | 97370 | 97863 | 99675 | 98303 | 1.23 | cps |
| Zirconium | 91-1 | 21539 | 21760 | 21429 | 21576 | 0.78 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:34:24 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4375096 | 4331613 | 4337292 | 4348000 | 0.54 | cps |
| Antimony | 121-1 | 8876 | 9383 | 8843 | 9034 | 3.35 | cps |
| Arsenic | 75-2 | 9540 | 8969 | 9410 | 9306 | 3.21 | cps |
| Barium | 135-1 | 492229 | 496301 | 497314 | 495281 | 0.54 | cps |
| Barium | 137-1 | 849597 | 864132 | 859659 | 857796 | 0.87 | cps |
| Beryllium | 9-1 | 1643 | 1513 | 1577 | 1578 | 4.12 | cps |
| Bismuth | 209-1 | 9144168 | 8767450 | 8788325 | 8899981 | 2.38 | cps |
| Bismuth | 209-2 | 7376688 | 7287530 | 7237664 | 7300627 | 0.96 | cps |
| Bromine | 81-1 | 15962 | 16810 | 17033 | 16602 | 3.40 | cps |
| Bromine | 81-2 | 607 | 603 | 627 | 612 | 2.06 | cps |
| Cadmium | 108-1 | 827 | 780 | 817 | 808 | 3.04 | cps |
| Cadmium | 106-1 | 4891 | 4851 | 4704 | 4815 | 2.04 | cps |
| Cadmium | 111-1 | 10897 | 10939 | 10874 | 10903 | 0.30 | cps |
| Calcium | 43-1 | 4624234 | 4685804 | 4603594 | 4637877 | 0.92 | cps |
| Calcium | 44-1 | 73384149 | 74601711 | 74165609 | 74050489 | 0.83 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 177342 | 176085 | 174682 | 176036 | 0.76 | cps |
| Cobalt | 59-2 | 159245 | 159837 | 160464 | 159849 | 0.38 | cps |
| Copper | 63-2 | 213189 | 210637 | 213443 | 212423 | 0.73 | cps |
| Dysprosium | 156-1 | 65793 | 67548 | 67893 | 67078 | 1.68 | cps |
| Dysprosium | 156-2 | 53120 | 52832 | 53301 | 53084 | 0.45 | cps |
| Erbium | 164-1 | 54686 | 55225 | 54676 | 54863 | 0.57 | cps |
| Erbium | 164-2 | 38122 | 38824 | 39185 | 38710 | 1.40 | cps |
| Gadolinium | 160-1 | 64578 | 66657 | 65492 | 65576 | 1.59 | cps |
| Gadolinium | 160-2 | 49256 | 48380 | 48708 | 48781 | 0.91 | cps |
| Holmium | 165-1 | 15451248 | 14583576 | 14801752 | 14945525 | 3.02 | cps |
| Holmium | 165-2 | 10517991 | 10478054 | 10448849 | 10481631 | 0.33 | cps |
| Indium | 115-1 | 12381077 | 11806969 | 11546435 | 11911494 | 3.58 | cps |
| Indium | 115-2 | 4114604 | 4064236 | 4068920 | 4082586 | 0.68 | cps |
| Iron | 56-2 | 199314490 | 200029744 | 197926677 | 199090304 | 0.54 | cps |
| Iron | 57-2 | 4924238 | 4944648 | 4840407 | 4903098 | 1.13 | cps |
| Iron | 54-2 | 10676012 | 10731372 | 10716295 | 10707893 | 0.27 | cps |
| Krypton | 83-1 | 317 | 280 | 293 | 297 | 6.25 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:34:24 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 192974 | 200206 | 196131 | 196437 | 1.85 | cps |
| Lead | 207-1 | 155664 | 156148 | 156712 | 156175 | 0.34 | cps |
| Lead | 208-1 | 735039 | 746385 | 746202 | 742542 | 0.88 | cps |
| Lithium | 6-1 | 1903053 | 1830123 | 1825280 | 1852818 | 2.35 | cps |
| Magnesium | 24-2 | 18354329 | 18099846 | 18102866 | 18185680 | 0.80 | cps |
| Manganese | 55-2 | 2854779 | 2862394 | 2819491 | 2845555 | 0.80 | cps |
| Molybdenum | 94-1 | 125768 | 128716 | 129311 | 127932 | 1.48 | cps |
| Molybdenum | 95-1 | 53384 | 55866 | 55471 | 54907 | 2.43 | cps |
| Molybdenum | 96-1 | 75557 | 77682 | 77638 | 76959 | 1.58 | cps |
| Molybdenum | 97-1 | 33969 | 34831 | 34765 | 34522 | 1.39 | cps |
| Molybdenum | 98-1 | 86119 | 87292 | 87366 | 86925 | 0.80 | cps |
| Neodymium | 150-1 | 99652 | 101975 | 102976 | 101534 | 1.68 | cps |
| Neodymium | 150-2 | 62102 | 60593 | 60941 | 61212 | 1.29 | cps |
| Nickel | 60-2 | 113156 | 112847 | 114163 | 113389 | 0.61 | cps |
| Phosphorus | 31-2 | 10130 | 9863 | 9893 | 9962 | 1.47 | cps |
| Potassium | 39-2 | 1445019 | 1454058 | 1435181 | 1444753 | 0.65 | cps |
| Rhodium | 103-1 | 11082773 | 10623883 | 10546229 | 10750962 | 2.70 | cps |
| Rhodium | 103-2 | 6364396 | 6302988 | 6266495 | 6311293 | 0.78 | cps |
| Scandium | 45-1 | 6818246 | 6347123 | 6369307 | 6511558 | 4.08 | cps |
| Scandium | 45-2 | 522665 | 516535 | 517162 | 518787 | 0.65 | cps |
| Selenium | 82-1 | 322 | 325 | 317 | 321 | 1.32 | cps |
| Selenium | 77-2 | 180 | 130 | 237 | 182 | 29.29 | cps |
| Selenium | 78-2 | 500 | 597 | 437 | 511 | 15.77 | cps |
| Silicon | 28-1 | 25119849 | 25284245 | 25426882 | 25276992 | 0.61 | cps |
| Silver | 107-1 | 2264 | 2324 | 2264 | 2284 | 1.52 | cps |
| Silver | 109-1 | 1993 | 1790 | 2067 | 1950 | 7.35 | cps |
| Sodium | 23-2 | 244278 | 244884 | 244234 | 244465 | 0.15 | cps |
| Strontium | 86-1 | 1747115 | 1780753 | 1775375 | 1767748 | 1.02 | cps |
| Strontium | 88-1 | 15326629 | 15562637 | 15343371 | 15410879 | 0.85 | cps |
| Sulfur | 34-1 | 419186 | 422254 | 417508 | 419649 | 0.57 | cps |
| Terbium | 159-1 | 15887914 | 15110058 | 15010503 | 15336158 | 3.13 | cps |
| Terbium | 159-2 | 10447917 | 10265611 | 10301964 | 10338497 | 0.93 | cps |
| Thallium | 203-1 | 2004 | 1983 | 1960 | 1982 | 1.09 | cps |
| Thallium | 205-1 | 4604 | 4814 | 4908 | 4775 | 3.25 | cps |
| Tin | 118-1 | 21716 | 21923 | 21800 | 21813 | 0.48 | cps |
| Titanium | 47-1 | 358688 | 364421 | 363976 | 362362 | 0.88 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:34:24 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 115937 | 117144 | 117412 | 116831 | 0.67 | cps |
| Vanadium | 51-2 | 220872 | 220953 | 219404 | 220410 | 0.40 | cps |
| Yttrium | 89-1 | 15164087 | 14588301 | 14432307 | 14728232 | 2.62 | cps |
| Yttrium | 89-2 | 3737771 | 3689648 | 3644948 | 3690789 | 1.26 | cps |
| Zinc | 66-2 | 154611 | 154038 | 152482 | 153710 | 0.72 | cps |
| Zirconium | 90-1 | 258763 | 265347 | 264334 | 262815 | 1.35 | cps |
| Zirconium | 91-1 | 57345 | 58342 | 59162 | 58283 | 1.56 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:37:33 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2724717 | 2739615 | 2720332 | 2728221 | 0.37 | cps |
| Antimony | 121-1 | 57093 | 57775 | 56801 | 57223 | 0.87 | cps |
| Arsenic | 75-2 | 11471 | 11418 | 11885 | 11591 | 2.21 | cps |
| Barium | 135-1 | 573590 | 580493 | 574122 | 576068 | 0.67 | cps |
| Barium | 137-1 | 1002597 | 1008671 | 994683 | 1001984 | 0.70 | cps |
| Beryllium | 9-1 | 1327 | 1320 | 1363 | 1337 | 1.75 | cps |
| Bismuth | 209-1 | 8955466 | 8323822 | 8982084 | 8753791 | 4.26 | cps |
| Bismuth | 209-2 | 7456065 | 7516046 | 7478813 | 7483641 | 0.40 | cps |
| Bromine | 81-1 | 35860 | 37681 | 37939 | 37160 | 3.05 | cps |
| Bromine | 81-2 | 4657 | 4577 | 4351 | 4529 | 3.51 | cps |
| Cadmium | 108-1 | 890 | 793 | 817 | 833 | 6.05 | cps |
| Cadmium | 106-1 | 4654 | 4134 | 4334 | 4374 | 6.00 | cps |
| Cadmium | 111-1 | 13672 | 13096 | 13033 | 13267 | 2.66 | cps |
| Calcium | 43-1 | 4192829 | 4140377 | 4125654 | 4152953 | 0.85 | cps |
| Calcium | 44-1 | 66707589 | 66890506 | 65846049 | 66481381 | 0.84 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 415555 | 414704 | 413362 | 414540 | 0.27 | cps |
| Cobalt | 59-2 | 98722 | 98832 | 99681 | 99078 | 0.53 | cps |
| Copper | 63-2 | 825703 | 825616 | 827669 | 826329 | 0.14 | cps |
| Dysprosium | 156-1 | 44296 | 44527 | 44708 | 44510 | 0.46 | cps |
| Dysprosium | 156-2 | 35164 | 35287 | 35588 | 35347 | 0.62 | cps |
| Erbium | 164-1 | 40087 | 40866 | 40375 | 40443 | 0.97 | cps |
| Erbium | 164-2 | 27925 | 28559 | 28422 | 28302 | 1.18 | cps |
| Gadolinium | 160-1 | 44069 | 45313 | 44965 | 44782 | 1.43 | cps |
| Gadolinium | 160-2 | 33269 | 33470 | 33206 | 33315 | 0.41 | cps |
| Holmium | 165-1 | 14942723 | 13665426 | 14931934 | 14513361 | 5.06 | cps |
| Holmium | 165-2 | 10509355 | 10419721 | 10484917 | 10471331 | 0.44 | cps |
| Indium | 115-1 | 11974154 | 10848473 | 11739761 | 11520796 | 5.16 | cps |
| Indium | 115-2 | 4174402 | 4167596 | 4087195 | 4143064 | 1.17 | cps |
| Iron | 56-2 | 311255909 | 311932769 | 312445422 | 311878033 | 0.19 | cps |
| Iron | 57-2 | 7674191 | 7650715 | 7736800 | 7687236 | 0.58 | cps |
| Iron | 54-2 | 16773838 | 16698382 | 16808235 | 16760152 | 0.34 | cps |
| Krypton | 83-1 | 277 | 217 | 320 | 271 | 19.14 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:37:33 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1591098 | 1622426 | 1609820 | 1607781 | 0.98 | cps |
| Lead | 207-1 | 1331970 | 1357077 | 1332465 | 1340504 | 1.07 | cps |
| Lead | 208-1 | 6493625 | 6626576 | 6571164 | 6563788 | 1.02 | cps |
| Lithium | 6-1 | 1828012 | 1695415 | 1819323 | 1780917 | 4.16 | cps |
| Magnesium | 24-2 | 5889385 | 5888942 | 5796393 | 5858240 | 0.91 | cps |
| Manganese | 55-2 | 4246858 | 4238237 | 4293738 | 4259611 | 0.70 | cps |
| Molybdenum | 94-1 | 73399 | 73637 | 74203 | 73746 | 0.56 | cps |
| Molybdenum | 95-1 | 99049 | 98120 | 98234 | 98467 | 0.51 | cps |
| Molybdenum | 96-1 | 113452 | 113946 | 111692 | 113030 | 1.05 | cps |
| Molybdenum | 97-1 | 61582 | 62724 | 60822 | 61709 | 1.55 | cps |
| Molybdenum | 98-1 | 159736 | 160757 | 159689 | 160060 | 0.38 | cps |
| Neodymium | 150-1 | 66817 | 66958 | 67718 | 67164 | 0.72 | cps |
| Neodymium | 150-2 | 39833 | 40227 | 39569 | 39876 | 0.83 | cps |
| Nickel | 60-2 | 194764 | 192933 | 193599 | 193765 | 0.48 | cps |
| Phosphorus | 31-2 | 21438 | 21352 | 21018 | 21269 | 1.04 | cps |
| Potassium | 39-2 | 1214882 | 1213988 | 1215783 | 1214884 | 0.07 | cps |
| Rhodium | 103-1 | 10700590 | 9717614 | 10622392 | 10346865 | 5.28 | cps |
| Rhodium | 103-2 | 6349272 | 6369677 | 6426821 | 6381923 | 0.63 | cps |
| Scandium | 45-1 | 6302656 | 5802160 | 6282434 | 6129084 | 4.62 | cps |
| Scandium | 45-2 | 513259 | 507978 | 506646 | 509294 | 0.69 | cps |
| Selenium | 82-1 | 481 | 566 | 458 | 502 | 11.35 | cps |
| Selenium | 77-2 | 117 | 137 | 170 | 141 | 19.09 | cps |
| Selenium | 78-2 | 633 | 513 | 577 | 574 | 10.45 | cps |
| Silicon | 28-1 | 20052781 | 19894437 | 19731373 | 19892864 | 0.81 | cps |
| Silver | 107-1 | 9573 | 9590 | 9627 | 9597 | 0.28 | cps |
| Silver | 109-1 | 9053 | 9570 | 9280 | 9301 | 2.79 | cps |
| Sodium | 23-2 | 471978 | 467500 | 468148 | 469209 | 0.52 | cps |
| Strontium | 86-1 | 1925851 | 1945715 | 1916153 | 1929240 | 0.78 | cps |
| Strontium | 88-1 | 16754333 | 16786575 | 16676195 | 16739034 | 0.34 | cps |
| Sulfur | 34-1 | 361960 | 356372 | 354684 | 357672 | 1.06 | cps |
| Terbium | 159-1 | 15315046 | 14071314 | 15390286 | 14925549 | 4.96 | cps |
| Terbium | 159-2 | 10407208 | 10382911 | 10254401 | 10348174 | 0.79 | cps |
| Thallium | 203-1 | 5328 | 5555 | 5238 | 5373 | 3.04 | cps |
| Thallium | 205-1 | 12439 | 13380 | 12973 | 12931 | 3.65 | cps |
| Tin | 118-1 | 99242 | 99960 | 99534 | 99579 | 0.36 | cps |
| Titanium | 47-1 | 283038 | 288196 | 281534 | 284256 | 1.23 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-07 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28R2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:37:33 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 270521 | 277025 | 272574 | 273373 | 1.22 | cps |
| Vanadium | 51-2 | 179345 | 178711 | 179517 | 179191 | 0.24 | cps |
| Yttrium | 89-1 | 14544172 | 13363548 | 14434149 | 14113956 | 4.62 | cps |
| Yttrium | 89-2 | 3736174 | 3627407 | 3656913 | 3673498 | 1.53 | cps |
| Zinc | 66-2 | 634356 | 637147 | 635398 | 635634 | 0.22 | cps |
| Zirconium | 90-1 | 47460 | 47844 | 47480 | 47595 | 0.45 | cps |
| Zirconium | 91-1 | 10721 | 10494 | 10651 | 10622 | 1.09 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:40:36 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3798973 | 3863467 | 3813680 | 3825373 | 0.88 | cps |
| Antimony | 121-1 | 9597 | 9113 | 9343 | 9351 | 2.59 | cps |
| Arsenic | 75-2 | 9933 | 9690 | 9987 | 9870 | 1.60 | cps |
| Barium | 135-1 | 587035 | 586925 | 590344 | 588101 | 0.33 | cps |
| Barium | 137-1 | 1015949 | 1021570 | 1028580 | 1022033 | 0.62 | cps |
| Beryllium | 9-1 | 1793 | 1740 | 1733 | 1756 | 1.87 | cps |
| Bismuth | 209-1 | 8770801 | 8729094 | 8737793 | 8745896 | 0.25 | cps |
| Bismuth | 209-2 | 7287134 | 7259392 | 7256811 | 7267779 | 0.23 | cps |
| Bromine | 81-1 | 19493 | 19476 | 18946 | 19305 | 1.61 | cps |
| Bromine | 81-2 | 1043 | 870 | 893 | 936 | 10.05 | cps |
| Cadmium | 108-1 | 280 | 287 | 360 | 309 | 14.37 | cps |
| Cadmium | 106-1 | 4287 | 3904 | 3951 | 4047 | 5.17 | cps |
| Cadmium | 111-1 | 6066 | 6046 | 5914 | 6008 | 1.37 | cps |
| Calcium | 43-1 | 6168455 | 6214531 | 6091757 | 6158248 | 1.01 | cps |
| Calcium | 44-1 | 99222429 | 99509485 | 97289622 | 98673845 | 1.22 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 758911 | 754887 | 756205 | 756668 | 0.27 | cps |
| Cobalt | 59-2 | 130242 | 129566 | 127607 | 129139 | 1.06 | cps |
| Copper | 63-2 | 277865 | 278654 | 277977 | 278165 | 0.15 | cps |
| Dysprosium | 156-1 | 57005 | 58166 | 57902 | 57691 | 1.06 | cps |
| Dysprosium | 156-2 | 44490 | 45871 | 44868 | 45076 | 1.58 | cps |
| Erbium | 164-1 | 51116 | 51585 | 51591 | 51431 | 0.53 | cps |
| Erbium | 164-2 | 36484 | 36939 | 36023 | 36482 | 1.26 | cps |
| Gadolinium | 160-1 | 56942 | 58207 | 57441 | 57530 | 1.11 | cps |
| Gadolinium | 160-2 | 42314 | 43858 | 42551 | 42908 | 1.94 | cps |
| Holmium | 165-1 | 14985138 | 14982641 | 14868186 | 14945322 | 0.45 | cps |
| Holmium | 165-2 | 10484688 | 10571043 | 10454454 | 10503395 | 0.58 | cps |
| Indium | 115-1 | 11792645 | 11794781 | 11638399 | 11741942 | 0.76 | cps |
| Indium | 115-2 | 4131287 | 4101609 | 4051200 | 4094699 | 0.99 | cps |
| Iron | 56-2 | 282803849 | 277864029 | 277401549 | 279356476 | 1.07 | cps |
| Iron | 57-2 | 6948602 | 6923531 | 6929235 | 6933789 | 0.19 | cps |
| Iron | 54-2 | 15169704 | 15067776 | 15033654 | 15090378 | 0.47 | cps |
| Krypton | 83-1 | 327 | 290 | 277 | 298 | 8.69 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:40:36 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 885515 | 906875 | 900837 | 897742 | 1.23 | cps |
| Lead | 207-1 | 729162 | 742185 | 741074 | 737474 | 0.98 | cps |
| Lead | 208-1 | 3552854 | 3641546 | 3606642 | 3600347 | 1.24 | cps |
| Lithium | 6-1 | 1806059 | 1773124 | 1821884 | 1800356 | 1.38 | cps |
| Magnesium | 24-2 | 23145900 | 23238601 | 23155371 | 23179957 | 0.22 | cps |
| Manganese | 55-2 | 13387094 | 13368939 | 13351048 | 13369027 | 0.13 | cps |
| Molybdenum | 94-1 | 48674 | 49396 | 48232 | 48768 | 1.20 | cps |
| Molybdenum | 95-1 | 44762 | 44875 | 45424 | 45020 | 0.79 | cps |
| Molybdenum | 96-1 | 54263 | 55133 | 54545 | 54647 | 0.81 | cps |
| Molybdenum | 97-1 | 27202 | 27466 | 27553 | 27407 | 0.67 | cps |
| Molybdenum | 98-1 | 70542 | 71477 | 71195 | 71072 | 0.67 | cps |
| Neodymium | 150-1 | 84256 | 86536 | 86627 | 85806 | 1.57 | cps |
| Neodymium | 150-2 | 50724 | 50125 | 50152 | 50334 | 0.67 | cps |
| Nickel | 60-2 | 131534 | 128579 | 131335 | 130483 | 1.27 | cps |
| Phosphorus | 31-2 | 11941 | 11845 | 12052 | 11946 | 0.87 | cps |
| Potassium | 39-2 | 1367210 | 1382303 | 1355302 | 1368272 | 0.99 | cps |
| Rhodium | 103-1 | 10592127 | 10481050 | 10536527 | 10536568 | 0.53 | cps |
| Rhodium | 103-2 | 6327885 | 6341184 | 6211579 | 6293549 | 1.13 | cps |
| Scandium | 45-1 | 6467839 | 6441899 | 6254897 | 6388212 | 1.82 | cps |
| Scandium | 45-2 | 516339 | 511892 | 513187 | 513806 | 0.45 | cps |
| Selenium | 82-1 | 349 | 333 | 405 | 362 | 10.38 | cps |
| Selenium | 77-2 | 177 | 117 | 163 | 152 | 20.70 | cps |
| Selenium | 78-2 | 470 | 517 | 520 | 502 | 5.57 | cps |
| Silicon | 28-1 | 22790988 | 22898549 | 23287856 | 22992464 | 1.14 | cps |
| Silver | 107-1 | 5551 | 5631 | 5705 | 5629 | 1.36 | cps |
| Silver | 109-1 | 5431 | 5494 | 5284 | 5403 | 1.99 | cps |
| Sodium | 23-2 | 243188 | 243763 | 241128 | 242693 | 0.57 | cps |
| Strontium | 86-1 | 1618456 | 1638051 | 1624750 | 1627086 | 0.61 | cps |
| Strontium | 88-1 | 14168651 | 14335479 | 14205003 | 14236378 | 0.62 | cps |
| Sulfur | 34-1 | 268988 | 270319 | 270056 | 269788 | 0.26 | cps |
| Terbium | 159-1 | 15417476 | 15235207 | 15208262 | 15286982 | 0.74 | cps |
| Terbium | 159-2 | 10294190 | 10417160 | 10281309 | 10330886 | 0.73 | cps |
| Thallium | 203-1 | 6558 | 6805 | 6605 | 6656 | 1.97 | cps |
| Thallium | 205-1 | 15609 | 15916 | 15799 | 15775 | 0.98 | cps |
| Tin | 118-1 | 36593 | 37589 | 37382 | 37188 | 1.41 | cps |
| Titanium | 47-1 | 427724 | 431639 | 430602 | 429988 | 0.47 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-08 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:40:36 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 69929 | 70402 | 70593 | 70308 | 0.49 | cps |
| Vanadium | 51-2 | 279413 | 280668 | 278962 | 279681 | 0.32 | cps |
| Yttrium | 89-1 | 14810839 | 14803879 | 14637761 | 14750826 | 0.66 | cps |
| Yttrium | 89-2 | 3711411 | 3693838 | 3622141 | 3675797 | 1.29 | cps |
| Zinc | 66-2 | 326661 | 327451 | 327107 | 327073 | 0.12 | cps |
| Zirconium | 90-1 | 62439 | 62857 | 62579 | 62625 | 0.34 | cps |
| Zirconium | 91-1 | 14187 | 13987 | 13837 | 14003 | 1.26 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:43:45 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4295580 | 4224685 | 4247740 | 4256002 | 0.85 | cps |
| Antimony | 121-1 | 10330 | 10824 | 10901 | 10685 | 2.90 | cps |
| Arsenic | 75-2 | 9603 | 9757 | 9546 | 9635 | 1.13 | cps |
| Barium | 135-1 | 519105 | 539538 | 537562 | 532068 | 2.12 | cps |
| Barium | 137-1 | 909276 | 940146 | 939112 | 929512 | 1.89 | cps |
| Beryllium | 9-1 | 2037 | 2027 | 2120 | 2061 | 2.49 | cps |
| Bismuth | 209-1 | 9399760 | 8772237 | 8563555 | 8911851 | 4.88 | cps |
| Bismuth | 209-2 | 7288550 | 7283804 | 7110357 | 7227570 | 1.40 | cps |
| Bromine | 81-1 | 18074 | 18251 | 18722 | 18349 | 1.82 | cps |
| Bromine | 81-2 | 843 | 900 | 867 | 870 | 3.27 | cps |
| Cadmium | 108-1 | 533 | 423 | 410 | 456 | 14.86 | cps |
| Cadmium | 106-1 | 4651 | 4194 | 3971 | 4272 | 8.12 | cps |
| Cadmium | 111-1 | 7543 | 7440 | 7163 | 7382 | 2.66 | cps |
| Calcium | 43-1 | 5786152 | 5975804 | 5872009 | 5877988 | 1.62 | cps |
| Calcium | 44-1 | 93059202 | 95257989 | 94186529 | 94167906 | 1.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1435103 | 1442810 | 1422111 | 1433342 | 0.73 | cps |
| Cobalt | 59-2 | 132986 | 133273 | 132088 | 132782 | 0.47 | cps |
| Copper | 63-2 | 292192 | 294908 | 290047 | 292382 | 0.83 | cps |
| Dysprosium | 156-1 | 59576 | 62103 | 60871 | 60850 | 2.08 | cps |
| Dysprosium | 156-2 | 47045 | 47935 | 47610 | 47530 | 0.95 | cps |
| Erbium | 164-1 | 53448 | 55567 | 54546 | 54520 | 1.94 | cps |
| Erbium | 164-2 | 38175 | 38286 | 37851 | 38104 | 0.59 | cps |
| Gadolinium | 160-1 | 58927 | 62375 | 60319 | 60540 | 2.87 | cps |
| Gadolinium | 160-2 | 46062 | 44892 | 45113 | 45355 | 1.37 | cps |
| Holmium | 165-1 | 15991779 | 14844129 | 14745288 | 15193732 | 4.56 | cps |
| Holmium | 165-2 | 10424335 | 10394082 | 10276387 | 10364934 | 0.75 | cps |
| Indium | 115-1 | 12573734 | 11760513 | 11481653 | 11938633 | 4.75 | cps |
| Indium | 115-2 | 3991059 | 3984807 | 4011742 | 3995869 | 0.35 | cps |
| Iron | 56-2 | 378943301 | 375302088 | 376532674 | 376926021 | 0.49 | cps |
| Iron | 57-2 | 9314485 | 9354737 | 9267302 | 9312174 | 0.47 | cps |
| Iron | 54-2 | 20359056 | 20510044 | 20152128 | 20340409 | 0.88 | cps |
| Krypton | 83-1 | 283 | 323 | 350 | 319 | 10.52 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:43:45 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1523945 | 1582014 | 1588973 | 1564977 | 2.28 | cps |
| Lead | 207-1 | 1247522 | 1296470 | 1293190 | 1279061 | 2.14 | cps |
| Lead | 208-1 | 6157845 | 6408725 | 6326968 | 6297846 | 2.03 | cps |
| Lithium | 6-1 | 1896571 | 1778770 | 1756228 | 1810523 | 4.16 | cps |
| Magnesium | 24-2 | 20581817 | 20526810 | 20551886 | 20553504 | 0.13 | cps |
| Manganese | 55-2 | 24784790 | 24908931 | 24736425 | 24810049 | 0.36 | cps |
| Molybdenum | 94-1 | 53139 | 56050 | 54545 | 54578 | 2.67 | cps |
| Molybdenum | 95-1 | 44187 | 45624 | 45979 | 45263 | 2.10 | cps |
| Molybdenum | 96-1 | 55200 | 57807 | 57663 | 56890 | 2.58 | cps |
| Molybdenum | 97-1 | 26594 | 28685 | 28124 | 27801 | 3.89 | cps |
| Molybdenum | 98-1 | 70027 | 73118 | 70928 | 71358 | 2.23 | cps |
| Neodymium | 150-1 | 87288 | 92829 | 91236 | 90451 | 3.15 | cps |
| Neodymium | 150-2 | 53116 | 53565 | 52661 | 53114 | 0.85 | cps |
| Nickel | 60-2 | 142839 | 143949 | 142896 | 143228 | 0.44 | cps |
| Phosphorus | 31-2 | 15565 | 15051 | 15228 | 15281 | 1.71 | cps |
| Potassium | 39-2 | 1202069 | 1204316 | 1241803 | 1216063 | 1.84 | cps |
| Rhodium | 103-1 | 11384652 | 10575810 | 10362515 | 10774326 | 5.00 | cps |
| Rhodium | 103-2 | 6255038 | 6167892 | 6120889 | 6181273 | 1.10 | cps |
| Scandium | 45-1 | 6898349 | 6217381 | 6185149 | 6433626 | 6.26 | cps |
| Scandium | 45-2 | 502633 | 499782 | 495796 | 499404 | 0.69 | cps |
| Selenium | 82-1 | 349 | 300 | 304 | 318 | 8.48 | cps |
| Selenium | 77-2 | 133 | 150 | 187 | 157 | 17.41 | cps |
| Selenium | 78-2 | 570 | 583 | 517 | 557 | 6.34 | cps |
| Silicon | 28-1 | 20681892 | 21125526 | 21381449 | 21062956 | 1.68 | cps |
| Silver | 107-1 | 9557 | 9983 | 10080 | 9873 | 2.82 | cps |
| Silver | 109-1 | 9246 | 9150 | 9647 | 9348 | 2.82 | cps |
| Sodium | 23-2 | 232813 | 232194 | 232720 | 232576 | 0.14 | cps |
| Strontium | 86-1 | 1273913 | 1334127 | 1331944 | 1313328 | 2.60 | cps |
| Strontium | 88-1 | 11642151 | 11987767 | 11828220 | 11819380 | 1.46 | cps |
| Sulfur | 34-1 | 299504 | 298589 | 298317 | 298804 | 0.21 | cps |
| Terbium | 159-1 | 16178469 | 15176473 | 14828873 | 15394605 | 4.55 | cps |
| Terbium | 159-2 | 10303221 | 10080301 | 10083418 | 10155647 | 1.26 | cps |
| Thallium | 203-1 | 9070 | 9350 | 9613 | 9344 | 2.91 | cps |
| Thallium | 205-1 | 21317 | 22492 | 22692 | 22167 | 3.35 | cps |
| Tin | 118-1 | 37572 | 39611 | 38799 | 38661 | 2.65 | cps |
| Titanium | 47-1 | 659559 | 686473 | 677923 | 674652 | 2.04 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-09 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:43:45 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 78900 | 83433 | 82805 | 81713 | 3.01 | cps |
| Vanadium | 51-2 | 480695 | 477319 | 476981 | 478332 | 0.43 | cps |
| Yttrium | 89-1 | 15766251 | 14409484 | 14325871 | 14833869 | 5.45 | cps |
| Yttrium | 89-2 | 3629477 | 3612393 | 3565247 | 3602372 | 0.92 | cps |
| Zinc | 66-2 | 588800 | 585319 | 584797 | 586305 | 0.37 | cps |
| Zirconium | 90-1 | 76297 | 79283 | 78545 | 78042 | 1.99 | cps |
| Zirconium | 91-1 | 16786 | 17414 | 17424 | 17208 | 2.12 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:46:52 | DataFile Name : | 143SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4289425 | 4243968 | 4230513 | 4254635 | 0.73 | cps |
| Antimony | 121-1 | 10254 | 10270 | 10207 | 10244 | 0.32 | cps |
| Arsenic | 75-2 | 6945 | 7705 | 7345 | 7332 | 5.19 | cps |
| Barium | 135-1 | 677693 | 679144 | 685435 | 680757 | 0.60 | cps |
| Barium | 137-1 | 1175686 | 1173789 | 1183752 | 1177742 | 0.45 | cps |
| Beryllium | 9-1 | 1893 | 1867 | 2040 | 1933 | 4.83 | cps |
| Bismuth | 209-1 | 8687074 | 8414812 | 8485073 | 8528986 | 1.66 | cps |
| Bismuth | 209-2 | 7293753 | 7106486 | 7198600 | 7199613 | 1.30 | cps |
| Bromine | 81-1 | 17357 | 17020 | 17160 | 17179 | 0.99 | cps |
| Bromine | 81-2 | 623 | 810 | 733 | 722 | 12.99 | cps |
| Cadmium | 108-1 | 383 | 360 | 410 | 384 | 6.51 | cps |
| Cadmium | 106-1 | 3981 | 4091 | 3797 | 3956 | 3.75 | cps |
| Cadmium | 111-1 | 6249 | 6449 | 6352 | 6350 | 1.58 | cps |
| Calcium | 43-1 | 8009542 | 8130127 | 8193385 | 8111018 | 1.15 | cps |
| Calcium | 44-1 | 127636301 | 129237721 | 129764828 | 128879617 | 0.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1528990 | 1517985 | 1505112 | 1517362 | 0.79 | cps |
| Cobalt | 59-2 | 90879 | 89200 | 89451 | 89843 | 1.01 | cps |
| Copper | 63-2 | 229482 | 229391 | 227955 | 228942 | 0.37 | cps |
| Dysprosium | 156-1 | 42123 | 43571 | 43654 | 43116 | 2.00 | cps |
| Dysprosium | 156-2 | 34793 | 34085 | 34783 | 34554 | 1.18 | cps |
| Erbium | 164-1 | 39673 | 40746 | 40007 | 40142 | 1.37 | cps |
| Erbium | 164-2 | 28786 | 28666 | 28800 | 28751 | 0.26 | cps |
| Gadolinium | 160-1 | 42849 | 42738 | 43096 | 42894 | 0.43 | cps |
| Gadolinium | 160-2 | 32401 | 32541 | 31746 | 32229 | 1.32 | cps |
| Holmium | 165-1 | 14805584 | 14490663 | 14721440 | 14672562 | 1.11 | cps |
| Holmium | 165-2 | 10321070 | 10252615 | 10454015 | 10342567 | 0.99 | cps |
| Indium | 115-1 | 11650206 | 11368955 | 11385411 | 11468191 | 1.38 | cps |
| Indium | 115-2 | 3995541 | 3955724 | 4029215 | 3993493 | 0.92 | cps |
| Iron | 56-2 | 343855662 | 346137235 | 343900622 | 344631173 | 0.38 | cps |
| Iron | 57-2 | 8614702 | 8539980 | 8535042 | 8563241 | 0.52 | cps |
| Iron | 54-2 | 18462086 | 18642116 | 18548450 | 18550884 | 0.49 | cps |
| Krypton | 83-1 | 273 | 317 | 297 | 296 | 7.34 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:46:52 | DataFile Name : | 143SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1106770 | 1118769 | 1127361 | 1117633 | 0.93 | cps |
| Lead | 207-1 | 900094 | 908391 | 918957 | 909147 | 1.04 | cps |
| Lead | 208-1 | 4465520 | 4482464 | 4527609 | 4491864 | 0.71 | cps |
| Lithium | 6-1 | 1806691 | 1760032 | 1770242 | 1778988 | 1.38 | cps |
| Magnesium | 24-2 | 37368535 | 37127518 | 37280437 | 37258830 | 0.33 | cps |
| Manganese | 55-2 | 32518091 | 32824675 | 32792530 | 32711765 | 0.52 | cps |
| Molybdenum | 94-1 | 51902 | 52059 | 51560 | 51840 | 0.49 | cps |
| Molybdenum | 95-1 | 43070 | 42980 | 42936 | 42995 | 0.16 | cps |
| Molybdenum | 96-1 | 53624 | 53765 | 54073 | 53821 | 0.43 | cps |
| Molybdenum | 97-1 | 26314 | 26868 | 26674 | 26619 | 1.06 | cps |
| Molybdenum | 98-1 | 67478 | 67190 | 68580 | 67749 | 1.08 | cps |
| Neodymium | 150-1 | 63549 | 63636 | 64346 | 63844 | 0.68 | cps |
| Neodymium | 150-2 | 37466 | 38579 | 38135 | 38060 | 1.47 | cps |
| Nickel | 60-2 | 167157 | 167078 | 166752 | 166996 | 0.13 | cps |
| Phosphorus | 31-2 | 15745 | 15201 | 15625 | 15524 | 1.84 | cps |
| Potassium | 39-2 | 853078 | 852875 | 853632 | 853195 | 0.05 | cps |
| Rhodium | 103-1 | 10616778 | 10240788 | 10300090 | 10385885 | 1.95 | cps |
| Rhodium | 103-2 | 6135609 | 6141996 | 6214930 | 6164178 | 0.71 | cps |
| Scandium | 45-1 | 6359805 | 6254476 | 6206660 | 6273647 | 1.25 | cps |
| Scandium | 45-2 | 499894 | 498188 | 503078 | 500387 | 0.50 | cps |
| Selenium | 82-1 | 411 | 252 | 412 | 358 | 25.59 | cps |
| Selenium | 77-2 | 117 | 120 | 127 | 121 | 4.20 | cps |
| Selenium | 78-2 | 487 | 490 | 473 | 483 | 1.82 | cps |
| Silicon | 28-1 | 25644021 | 25469916 | 25999189 | 25704375 | 1.05 | cps |
| Silver | 107-1 | 6151 | 6015 | 6258 | 6141 | 1.99 | cps |
| Silver | 109-1 | 5988 | 5915 | 6058 | 5987 | 1.20 | cps |
| Sodium | 23-2 | 284144 | 284250 | 282202 | 283532 | 0.41 | cps |
| Strontium | 86-1 | 2362675 | 2359689 | 2421656 | 2381340 | 1.47 | cps |
| Strontium | 88-1 | 20357452 | 20544779 | 20909383 | 20603871 | 1.36 | cps |
| Sulfur | 34-1 | 292477 | 289091 | 290055 | 290541 | 0.60 | cps |
| Terbium | 159-1 | 15122451 | 14923697 | 14970526 | 15005558 | 0.69 | cps |
| Terbium | 159-2 | 10138359 | 10185621 | 10228508 | 10184163 | 0.44 | cps |
| Thallium | 203-1 | 7432 | 7809 | 7729 | 7657 | 2.59 | cps |
| Thallium | 205-1 | 17415 | 17748 | 18469 | 17877 | 3.02 | cps |
| Tin | 118-1 | 30796 | 31631 | 30977 | 31135 | 1.41 | cps |
| Titanium | 47-1 | 767889 | 776734 | 770617 | 771747 | 0.59 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:46:52 | DataFile Name : | 143SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 82792 | 82984 | 85046 | 83607 | 1.49 | cps |
| Vanadium | 51-2 | 516911 | 516969 | 514374 | 516084 | 0.29 | cps |
| Yttrium | 89-1 | 14511029 | 13986855 | 14120923 | 14206269 | 1.92 | cps |
| Yttrium | 89-2 | 3585152 | 3529905 | 3641850 | 3585636 | 1.56 | cps |
| Zinc | 66-2 | 373317 | 368447 | 372119 | 371294 | 0.68 | cps |
| Zirconium | 90-1 | 75483 | 75342 | 75275 | 75366 | 0.14 | cps |
| Zirconium | 91-1 | 16773 | 17023 | 16710 | 16835 | 0.99 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:50:01 | DataFile Name : | 144SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3335688 | 3303155 | 3290844 | 3309896 | 0.70 | cps |
| Antimony | 121-1 | 6432 | 6645 | 6495 | 6524 | 1.68 | cps |
| Arsenic | 75-2 | 7899 | 7759 | 7899 | 7852 | 1.03 | cps |
| Barium | 135-1 | 654054 | 658430 | 655114 | 655866 | 0.35 | cps |
| Barium | 137-1 | 1140337 | 1142302 | 1132447 | 1138362 | 0.46 | cps |
| Beryllium | 9-1 | 1597 | 1567 | 1380 | 1515 | 7.75 | cps |
| Bismuth | 209-1 | 8616542 | 8857192 | 8614336 | 8696023 | 1.61 | cps |
| Bismuth | 209-2 | 7186841 | 7224137 | 7173813 | 7194930 | 0.36 | cps |
| Bromine | 81-1 | 18362 | 18348 | 18916 | 18542 | 1.75 | cps |
| Bromine | 81-2 | 1080 | 980 | 997 | 1019 | 5.26 | cps |
| Cadmium | 108-1 | 413 | 440 | 440 | 431 | 3.57 | cps |
| Cadmium | 106-1 | 3964 | 3887 | 4011 | 3954 | 1.58 | cps |
| Cadmium | 111-1 | 7740 | 7901 | 7677 | 7773 | 1.49 | cps |
| Calcium | 43-1 | 4763718 | 4717534 | 4717872 | 4733041 | 0.56 | cps |
| Calcium | 44-1 | 76791334 | 75705777 | 75022512 | 75839874 | 1.18 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 500523 | 501717 | 499987 | 500742 | 0.18 | cps |
| Cobalt | 59-2 | 117586 | 117442 | 116850 | 117293 | 0.33 | cps |
| Copper | 63-2 | 207673 | 205980 | 203679 | 205777 | 0.97 | cps |
| Dysprosium | 156-1 | 54381 | 54120 | 53769 | 54090 | 0.57 | cps |
| Dysprosium | 156-2 | 42608 | 43831 | 42818 | 43086 | 1.52 | cps |
| Erbium | 164-1 | 48531 | 48581 | 48129 | 48413 | 0.51 | cps |
| Erbium | 164-2 | 34021 | 34085 | 32641 | 33583 | 2.43 | cps |
| Gadolinium | 160-1 | 53947 | 53866 | 54425 | 54079 | 0.56 | cps |
| Gadolinium | 160-2 | 40047 | 39516 | 39880 | 39814 | 0.68 | cps |
| Holmium | 165-1 | 14664766 | 14731924 | 14566458 | 14654383 | 0.57 | cps |
| Holmium | 165-2 | 10299377 | 10403746 | 10201831 | 10301651 | 0.98 | cps |
| Indium | 115-1 | 11529539 | 11514210 | 11420503 | 11488084 | 0.51 | cps |
| Indium | 115-2 | 4019489 | 3999440 | 3912695 | 3977208 | 1.43 | cps |
| Iron | 56-2 | 213441317 | 211377170 | 209851790 | 211556759 | 0.85 | cps |
| Iron | 57-2 | 5271737 | 5224846 | 5239919 | 5245501 | 0.46 | cps |
| Iron | 54-2 | 11418543 | 11490455 | 11460303 | 11456433 | 0.32 | cps |
| Krypton | 83-1 | 267 | 277 | 310 | 284 | 7.98 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:50:01 | DataFile Name : | 144SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 564581 | 566242 | 565830 | 565551 | 0.15 | cps |
| Lead | 207-1 | 458164 | 465472 | 465295 | 462977 | 0.90 | cps |
| Lead | 208-1 | 2160755 | 2178591 | 2173140 | 2170829 | 0.42 | cps |
| Lithium | 6-1 | 1791274 | 1787234 | 1813205 | 1797238 | 0.78 | cps |
| Magnesium | 24-2 | 17713712 | 17470173 | 17558987 | 17580958 | 0.70 | cps |
| Manganese | 55-2 | 12095817 | 12049788 | 11953460 | 12033022 | 0.60 | cps |
| Molybdenum | 94-1 | 40325 | 40275 | 40717 | 40439 | 0.60 | cps |
| Molybdenum | 95-1 | 34785 | 35296 | 34861 | 34981 | 0.79 | cps |
| Molybdenum | 96-1 | 43140 | 44447 | 43070 | 43552 | 1.78 | cps |
| Molybdenum | 97-1 | 22154 | 22100 | 21489 | 21914 | 1.68 | cps |
| Molybdenum | 98-1 | 56439 | 56124 | 55816 | 56126 | 0.55 | cps |
| Neodymium | 150-1 | 83512 | 83807 | 84089 | 83803 | 0.34 | cps |
| Neodymium | 150-2 | 50048 | 49423 | 48490 | 49320 | 1.59 | cps |
| Nickel | 60-2 | 96088 | 94773 | 95669 | 95510 | 0.70 | cps |
| Phosphorus | 31-2 | 12175 | 12242 | 12031 | 12149 | 0.88 | cps |
| Potassium | 39-2 | 973689 | 961744 | 962399 | 965944 | 0.70 | cps |
| Rhodium | 103-1 | 10328829 | 10341462 | 10450205 | 10373499 | 0.64 | cps |
| Rhodium | 103-2 | 6140908 | 6217404 | 6123819 | 6160710 | 0.81 | cps |
| Scandium | 45-1 | 6257545 | 6033517 | 6090302 | 6127122 | 1.90 | cps |
| Scandium | 45-2 | 493755 | 495170 | 493882 | 494269 | 0.16 | cps |
| Selenium | 82-1 | 336 | 359 | 301 | 332 | 8.79 | cps |
| Selenium | 77-2 | 137 | 143 | 187 | 156 | 17.45 | cps |
| Selenium | 78-2 | 450 | 500 | 513 | 488 | 6.85 | cps |
| Silicon | 28-1 | 20864846 | 20657719 | 20703728 | 20742098 | 0.52 | cps |
| Silver | 107-1 | 3817 | 3747 | 3594 | 3719 | 3.07 | cps |
| Silver | 109-1 | 3597 | 3580 | 3527 | 3568 | 1.02 | cps |
| Sodium | 23-2 | 187567 | 186140 | 186373 | 186693 | 0.41 | cps |
| Strontium | 86-1 | 1364815 | 1374135 | 1370946 | 1369965 | 0.35 | cps |
| Strontium | 88-1 | 12226727 | 12504169 | 12318889 | 12349928 | 1.14 | cps |
| Sulfur | 34-1 | 254679 | 253104 | 251294 | 253025 | 0.67 | cps |
| Terbium | 159-1 | 15086737 | 15042686 | 14936390 | 15021938 | 0.51 | cps |
| Terbium | 159-2 | 10083850 | 10122549 | 10039273 | 10081891 | 0.41 | cps |
| Thallium | 203-1 | 5008 | 5358 | 5148 | 5171 | 3.41 | cps |
| Thallium | 205-1 | 12172 | 12256 | 12466 | 12298 | 1.23 | cps |
| Tin | 118-1 | 17154 | 16833 | 17080 | 17022 | 0.99 | cps |
| Titanium | 47-1 | 342163 | 344897 | 344503 | 343854 | 0.43 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-11 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:50:01 | DataFile Name : | 144SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 63806 | 65400 | 64663 | 64623 | 1.23 | cps |
| Vanadium | 51-2 | 274270 | 274027 | 274744 | 274347 | 0.13 | cps |
| Yttrium | 89-1 | 14232885 | 14216681 | 14173643 | 14207736 | 0.22 | cps |
| Yttrium | 89-2 | 3660598 | 3558596 | 3507669 | 3575621 | 2.18 | cps |
| Zinc | 66-2 | 204428 | 201183 | 203024 | 202878 | 0.80 | cps |
| Zirconium | 90-1 | 55344 | 56973 | 56522 | 56280 | 1.49 | cps |
| Zirconium | 91-1 | 12168 | 12562 | 12225 | 12319 | 1.73 | cps |



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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:53:19 | DataFile Name : | 145CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12738154 | 12827652 | 12611766 | 12725857 | 0.85 | cps |
| Antimony | 121-1 | 5995833 | 6076566 | 6049315 | 6040571 | 0.68 | cps |
| Arsenic | 75-2 | 282878 | 283263 | 280692 | 282277 | 0.49 | cps |
| Barium | 135-1 | 7815185 | 7870902 | 7945155 | 7877080 | 0.83 | cps |
| Barium | 137-1 | 13425892 | 13524521 | 13530620 | 13493678 | 0.44 | cps |
| Beryllium | 9-1 | 684107 | 695906 | 695538 | 691850 | 0.97 | cps |
| Bismuth | 209-1 | 8012682 | 7887581 | 7909476 | 7936580 | 0.84 | cps |
| Bismuth | 209-2 | 6680922 | 6695782 | 6706209 | 6694305 | 0.19 | cps |
| Bromine | 81-1 | 15068 | 14724 | 14424 | 14739 | 2.19 | cps |
| Bromine | 81-2 | 140 | 147 | 147 | 144 | 2.67 | cps |
| Cadmium | 108-1 | 107239 | 108583 | 107343 | 107722 | 0.69 | cps |
| Cadmium | 106-1 | 154528 | 153541 | 153117 | 153729 | 0.47 | cps |
| Cadmium | 111-1 | 1427478 | 1431557 | 1431165 | 1430067 | 0.16 | cps |
| Calcium | 43-1 | 8107042 | 8097884 | 8049660 | 8084862 | 0.38 | cps |
| Calcium | 44-1 | 127601171 | 128933148 | 127974481 | 128169600 | 0.54 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2248952 | 2295178 | 2230804 | 2258311 | 1.47 | cps |
| Cobalt | 59-2 | 3555055 | 3538418 | 3531869 | 3541781 | 0.34 | cps |
| Copper | 63-2 | 25314528 | 24939475 | 24911685 | 25055229 | 0.90 | cps |
| Dysprosium | 156-1 | 283 | 263 | 303 | 283 | 7.06 | cps |
| Dysprosium | 156-2 | 513 | 430 | 403 | 449 | 12.78 | cps |
| Erbium | 164-1 | 300 | 303 | 313 | 306 | 2.27 | cps |
| Erbium | 164-2 | 227 | 210 | 153 | 197 | 19.55 | cps |
| Gadolinium | 160-1 | 223 | 260 | 290 | 258 | 12.95 | cps |
| Gadolinium | 160-2 | 640 | 560 | 620 | 607 | 6.86 | cps |
| Holmium | 165-1 | 14223648 | 13957604 | 14143087 | 14108113 | 0.97 | cps |
| Holmium | 165-2 | 10061756 | 10104705 | 10095193 | 10087218 | 0.22 | cps |
| Indium | 115-1 | 10909446 | 11040285 | 10855516 | 10935082 | 0.87 | cps |
| Indium | 115-2 | 3811725 | 3814818 | 3854574 | 3827039 | 0.62 | cps |
| Iron | 56-2 | 538240845 | 531409112 | 526659445 | 532103134 | 1.09 | cps |
| Iron | 57-2 | 13290116 | 13252746 | 13165987 | 13236283 | 0.48 | cps |
| Iron | 54-2 | 29003583 | 28974146 | 28558346 | 28845358 | 0.86 | cps |
| Krypton | 83-1 | 213 | 253 | 197 | 221 | 13.17 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:53:19 | DataFile Name : | 145CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22752319 | 22758816 | 22795790 | 22768975 | 0.10 | cps |
| Lead | 207-1 | 20011785 | 20452008 | 20619933 | 20361242 | 1.54 | cps |
| Lead | 208-1 | 91744363 | 92576102 | 92857082 | 92392515 | 0.63 | cps |
| Lithium | 6-1 | 1634871 | 1645456 | 1656770 | 1645699 | 0.67 | cps |
| Magnesium | 24-2 | 100183425 | 100029815 | 98847795 | 99687012 | 0.73 | cps |
| Manganese | 55-2 | 18002443 | 17867036 | 17835153 | 17901544 | 0.50 | cps |
| Molybdenum | 94-1 | 21182920 | 21354763 | 21114914 | 21217532 | 0.58 | cps |
| Molybdenum | 95-1 | 30530275 | 30796958 | 30476810 | 30601348 | 0.56 | cps |
| Molybdenum | 96-1 | 33371569 | 33821257 | 33641448 | 33611425 | 0.67 | cps |
| Molybdenum | 97-1 | 18960389 | 19331317 | 19111167 | 19134291 | 0.97 | cps |
| Molybdenum | 98-1 | 49397923 | 49584323 | 49500818 | 49494354 | 0.19 | cps |
| Neodymium | 150-1 | 493 | 523 | 577 | 531 | 7.95 | cps |
| Neodymium | 150-2 | 160 | 203 | 183 | 182 | 11.90 | cps |
| Nickel | 60-2 | 845470 | 844477 | 839438 | 843128 | 0.38 | cps |
| Phosphorus | 31-2 | 114440 | 114937 | 112664 | 114014 | 1.05 | cps |
| Potassium | 39-2 | 63489197 | 63622499 | 63319377 | 63477025 | 0.24 | cps |
| Rhodium | 103-1 | 9814620 | 9711473 | 9585307 | 9703800 | 1.18 | cps |
| Rhodium | 103-2 | 5790183 | 5730758 | 5785183 | 5768708 | 0.57 | cps |
| Scandium | 45-1 | 6071579 | 6105311 | 6057061 | 6077984 | 0.41 | cps |
| Scandium | 45-2 | 498477 | 493782 | 494681 | 495647 | 0.50 | cps |
| Selenium | 82-1 | 87312 | 87772 | 87745 | 87610 | 0.29 | cps |
| Selenium | 77-2 | 9036 | 8426 | 8579 | 8680 | 3.66 | cps |
| Selenium | 78-2 | 28818 | 29870 | 28598 | 29095 | 2.34 | cps |
| Silicon | 28-1 | 3774009 | 3804313 | 3771076 | 3783133 | 0.49 | cps |
| Silver | 107-1 | 7367052 | 7425514 | 7393031 | 7395199 | 0.40 | cps |
| Silver | 109-1 | 7082977 | 7204335 | 7178445 | 7155253 | 0.89 | cps |
| Sodium | 23-2 | 163777768 | 162339401 | 162490298 | 162869155 | 0.49 | cps |
| Strontium | 86-1 | 1952467 | 1979918 | 1941956 | 1958114 | 1.00 | cps |
| Strontium | 88-1 | 16923592 | 16933826 | 16782448 | 16879955 | 0.50 | cps |
| Sulfur | 34-1 | 617617 | 618803 | 613952 | 616791 | 0.41 | cps |
| Terbium | 159-1 | 14522151 | 14376910 | 14262559 | 14387206 | 0.90 | cps |
| Terbium | 159-2 | 9837458 | 9831862 | 9988162 | 9885827 | 0.90 | cps |
| Thallium | 203-1 | 5864694 | 5952796 | 5888078 | 5901856 | 0.77 | cps |
| Thallium | 205-1 | 13821269 | 14016506 | 13961499 | 13933091 | 0.72 | cps |
| Tin | 118-1 | 4989947 | 5052597 | 5105679 | 5049407 | 1.15 | cps |
| Titanium | 47-1 | 7422403 | 7496601 | 7398246 | 7439083 | 0.69 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:53:19 | DataFile Name : | 145CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18031414 | 18451250 | 18630936 | 18371200 | 1.67 | cps |
| Vanadium | 51-2 | 2045126 | 2058665 | 2021170 | 2041654 | 0.93 | cps |
| Yttrium | 89-1 | 13249222 | 13223514 | 13089723 | 13187486 | 0.65 | cps |
| Yttrium | 89-2 | 3355066 | 3357413 | 3389332 | 3367270 | 0.57 | cps |
| Zinc | 66-2 | 4091971 | 4117605 | 4064703 | 4091427 | 0.65 | cps |
| Zirconium | 90-1 | 10344710 | 10526714 | 10389227 | 10420217 | 0.91 | cps |
| Zirconium | 91-1 | 2316056 | 2290921 | 2350255 | 2319077 | 1.28 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:56:04 | DataFile Name : | 146CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1190 | 1070 | 1093 | 1118 | 5.69 | cps |
| Antimony | 121-1 | 2877 | 2637 | 2357 | 2624 | 9.92 | cps |
| Arsenic | 75-2 | 23 | 17 | 20 | 20 | 16.65 | cps |
| Barium | 135-1 | 1173 | 1140 | 900 | 1071 | 13.92 | cps |
| Barium | 137-1 | 2287 | 2177 | 1517 | 1994 | 20.89 | cps |
| Beryllium | 9-1 | 250 | 227 | 173 | 217 | 18.14 | cps |
| Bismuth | 209-1 | 8949118 | 8918317 | 8889242 | 8918892 | 0.34 | cps |
| Bismuth | 209-2 | 7571822 | 7552633 | 7428989 | 7517815 | 1.03 | cps |
| Bromine | 81-1 | 15074 | 14914 | 15185 | 15058 | 0.90 | cps |
| Bromine | 81-2 | 230 | 200 | 177 | 202 | 13.22 | cps |
| Cadmium | 108-1 | 40 | 23 | 10 | 24 | 61.49 | cps |
| Cadmium | 106-1 | 3140 | 2940 | 3457 | 3179 | 8.20 | cps |
| Cadmium | 111-1 | 2530 | 2282 | 2660 | 2491 | 7.71 | cps |
| Calcium | 43-1 | 1847 | 1750 | 1277 | 1625 | 18.78 | cps |
| Calcium | 44-1 | 33233 | 28757 | 25879 | 29290 | 12.65 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1417 | 1393 | 1387 | 1399 | 1.13 | cps |
| Cobalt | 59-2 | 413 | 410 | 363 | 396 | 7.07 | cps |
| Copper | 63-2 | 9293 | 8866 | 8863 | 9007 | 2.75 | cps |
| Dysprosium | 156-1 | 10 | 13 | 13 | 12 | 15.73 | cps |
| Dysprosium | 156-2 | 17 | 10 | 0 | 9 | 94.38 | cps |
| Erbium | 164-1 | 53 | 53 | 47 | 51 | 7.52 | cps |
| Erbium | 164-2 | 30 | 47 | 37 | 38 | 22.21 | cps |
| Gadolinium | 160-1 | 60 | 57 | 73 | 63 | 13.92 | cps |
| Gadolinium | 160-2 | 377 | 420 | 447 | 414 | 8.52 | cps |
| Holmium | 165-1 | 14497583 | 14367345 | 14418414 | 14427781 | 0.45 | cps |
| Holmium | 165-2 | 10446124 | 10298309 | 10135073 | 10293168 | 1.51 | cps |
| Indium | 115-1 | 11556054 | 11459454 | 11640201 | 11551903 | 0.78 | cps |
| Indium | 115-2 | 4203078 | 4140317 | 4159544 | 4167646 | 0.77 | cps |
| Iron | 56-2 | 68636 | 63085 | 59393 | 63705 | 7.30 | cps |
| Iron | 57-2 | 2124 | 1893 | 1783 | 1933 | 8.97 | cps |
| Iron | 54-2 | 5078 | 4644 | 4818 | 4846 | 4.50 | cps |
| Krypton | 83-1 | 197 | 227 | 220 | 214 | 7.35 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:56:04 | DataFile Name : | 146CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4698 | 4151 | 3857 | 4235 | 10.07 | cps |
| Lead | 207-1 | 4227 | 3634 | 3547 | 3803 | 9.74 | cps |
| Lead | 208-1 | 19192 | 16701 | 15657 | 17183 | 10.57 | cps |
| Lithium | 6-1 | 1767521 | 1768035 | 1715151 | 1750235 | 1.74 | cps |
| Magnesium | 24-2 | 9423 | 8582 | 8122 | 8709 | 7.57 | cps |
| Manganese | 55-2 | 2214 | 2057 | 1847 | 2039 | 9.02 | cps |
| Molybdenum | 94-1 | 4187 | 3757 | 3184 | 3709 | 13.57 | cps |
| Molybdenum | 95-1 | 5801 | 4868 | 4154 | 4941 | 16.72 | cps |
| Molybdenum | 96-1 | 6532 | 5214 | 4427 | 5391 | 19.72 | cps |
| Molybdenum | 97-1 | 3607 | 3030 | 2450 | 3029 | 19.10 | cps |
| Molybdenum | 98-1 | 9520 | 8239 | 6448 | 8069 | 19.12 | cps |
| Neodymium | 150-1 | 13 | 20 | 0 | 11 | 91.66 | cps |
| Neodymium | 150-2 | 3 | 10 | 7 | 7 | 50.03 | cps |
| Nickel | 60-2 | 367 | 313 | 303 | 328 | 10.39 | cps |
| Phosphorus | 31-2 | 140 | 133 | 147 | 140 | 4.76 | cps |
| Potassium | 39-2 | 54868 | 54437 | 53420 | 54242 | 1.37 | cps |
| Rhodium | 103-1 | 10756997 | 10797544 | 10781947 | 10778829 | 0.19 | cps |
| Rhodium | 103-2 | 6562690 | 6404574 | 6426523 | 6464596 | 1.33 | cps |
| Scandium | 45-1 | 6071145 | 6165697 | 6128532 | 6121792 | 0.78 | cps |
| Scandium | 45-2 | 513283 | 503982 | 507937 | 508401 | 0.92 | cps |
| Selenium | 82-1 | 172 | 130 | 134 | 146 | 16.02 | cps |
| Selenium | 77-2 | 0 | 3 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 400 | 427 | 410 | 412 | 3.27 | cps |
| Silicon | 28-1 | 576312 | 573357 | 569645 | 573105 | 0.58 | cps |
| Silver | 107-1 | 2084 | 1713 | 1487 | 1761 | 17.10 | cps |
| Silver | 109-1 | 2187 | 1673 | 1410 | 1757 | 22.49 | cps |
| Sodium | 23-2 | 54426 | 52078 | 49215 | 51906 | 5.03 | cps |
| Strontium | 86-1 | 660 | 680 | 590 | 643 | 7.35 | cps |
| Strontium | 88-1 | 3477 | 2884 | 2224 | 2861 | 21.92 | cps |
| Sulfur | 34-1 | 180283 | 180536 | 181689 | 180836 | 0.41 | cps |
| Terbium | 159-1 | 14842768 | 14905971 | 14806115 | 14851618 | 0.34 | cps |
| Terbium | 159-2 | 10311389 | 10187273 | 10166356 | 10221673 | 0.77 | cps |
| Thallium | 203-1 | 1810 | 1633 | 1273 | 1572 | 17.40 | cps |
| Thallium | 205-1 | 4517 | 3601 | 3267 | 3795 | 17.06 | cps |
| Tin | 118-1 | 2290 | 2340 | 2110 | 2247 | 5.38 | cps |
| Titanium | 47-1 | 1443 | 1160 | 897 | 1167 | 23.43 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB049 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB049 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:56:04 | DataFile Name : | 146CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2784 | 2540 | 1823 | 2382 | 20.95 | cps |
| Vanadium | 51-2 | 140 | 153 | 163 | 152 | 7.69 | cps |
| Yttrium | 89-1 | 13521661 | 13476521 | 13606204 | 13534795 | 0.49 | cps |
| Yttrium | 89-2 | 3505338 | 3577669 | 3493404 | 3525470 | 1.29 | cps |
| Zinc | 66-2 | 710 | 660 | 697 | 689 | 3.76 | cps |
| Zirconium | 90-1 | 2867 | 2630 | 2357 | 2618 | 9.75 | cps |
| Zirconium | 91-1 | 680 | 570 | 497 | 582 | 15.85 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:59:22 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3431641 | 3369025 | 3376256 | 3392307 | 1.01 | cps |
| Antimony | 121-1 | 7319 | 7239 | 7422 | 7326 | 1.26 | cps |
| Arsenic | 75-2 | 8249 | 8736 | 8219 | 8401 | 3.45 | cps |
| Barium | 135-1 | 433636 | 438177 | 437346 | 436386 | 0.55 | cps |
| Barium | 137-1 | 747736 | 756933 | 754127 | 752932 | 0.63 | cps |
| Beryllium | 9-1 | 1577 | 1523 | 1693 | 1598 | 5.44 | cps |
| Bismuth | 209-1 | 8777211 | 8736461 | 8606345 | 8706672 | 1.02 | cps |
| Bismuth | 209-2 | 7401850 | 7354503 | 7212398 | 7322917 | 1.35 | cps |
| Bromine | 81-1 | 17207 | 17908 | 18111 | 17742 | 2.67 | cps |
| Bromine | 81-2 | 777 | 843 | 827 | 816 | 4.25 | cps |
| Cadmium | 108-1 | 257 | 270 | 260 | 262 | 2.65 | cps |
| Cadmium | 106-1 | 4014 | 4027 | 3944 | 3995 | 1.12 | cps |
| Cadmium | 111-1 | 5070 | 5030 | 4976 | 5025 | 0.95 | cps |
| Calcium | 43-1 | 5560366 | 5580047 | 5587638 | 5576017 | 0.25 | cps |
| Calcium | 44-1 | 88662442 | 89787445 | 88643305 | 89031064 | 0.74 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 730783 | 725164 | 724327 | 726758 | 0.48 | cps |
| Cobalt | 59-2 | 119894 | 123046 | 122253 | 121731 | 1.35 | cps |
| Copper | 63-2 | 241346 | 239774 | 238294 | 239805 | 0.64 | cps |
| Dysprosium | 156-1 | 53508 | 55101 | 54422 | 54343 | 1.47 | cps |
| Dysprosium | 156-2 | 43076 | 41665 | 42842 | 42527 | 1.78 | cps |
| Erbium | 164-1 | 47885 | 48059 | 48772 | 48238 | 0.97 | cps |
| Erbium | 164-2 | 34519 | 34569 | 34095 | 34394 | 0.76 | cps |
| Gadolinium | 160-1 | 54485 | 55001 | 55583 | 55023 | 1.00 | cps |
| Gadolinium | 160-2 | 40508 | 40682 | 41043 | 40745 | 0.67 | cps |
| Holmium | 165-1 | 15091662 | 14944229 | 14724089 | 14919994 | 1.24 | cps |
| Holmium | 165-2 | 10516028 | 10471782 | 10518544 | 10502118 | 0.25 | cps |
| Indium | 115-1 | 12085895 | 11899994 | 11708477 | 11898122 | 1.59 | cps |
| Indium | 115-2 | 4171226 | 4159561 | 4112707 | 4147831 | 0.75 | cps |
| Iron | 56-2 | 229303470 | 228189510 | 225157010 | 227549997 | 0.94 | cps |
| Iron | 57-2 | 5672092 | 5665913 | 5616706 | 5651571 | 0.54 | cps |
| Iron | 54-2 | 12437281 | 12369569 | 12217514 | 12341455 | 0.91 | cps |
| Krypton | 83-1 | 300 | 267 | 333 | 300 | 11.11 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:59:22 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 565850 | 572867 | 571307 | 570008 | 0.65 | cps |
| Lead | 207-1 | 458374 | 465858 | 465449 | 463227 | 0.91 | cps |
| Lead | 208-1 | 2148810 | 2183759 | 2186473 | 2173014 | 0.97 | cps |
| Lithium | 6-1 | 1762099 | 1746607 | 1765924 | 1758210 | 0.58 | cps |
| Magnesium | 24-2 | 23525941 | 23367235 | 23019580 | 23304252 | 1.11 | cps |
| Manganese | 55-2 | 12804509 | 12686434 | 12658251 | 12716398 | 0.61 | cps |
| Molybdenum | 94-1 | 43341 | 43411 | 42298 | 43016 | 1.45 | cps |
| Molybdenum | 95-1 | 38805 | 39650 | 39493 | 39316 | 1.14 | cps |
| Molybdenum | 96-1 | 48503 | 47831 | 48273 | 48202 | 0.71 | cps |
| Molybdenum | 97-1 | 24821 | 24200 | 24794 | 24605 | 1.43 | cps |
| Molybdenum | 98-1 | 61854 | 64381 | 62473 | 62902 | 2.09 | cps |
| Neodymium | 150-1 | 80528 | 82606 | 82580 | 81905 | 1.46 | cps |
| Neodymium | 150-2 | 48841 | 48627 | 47566 | 48345 | 1.41 | cps |
| Nickel | 60-2 | 94720 | 94005 | 93935 | 94220 | 0.46 | cps |
| Phosphorus | 31-2 | 11474 | 11588 | 11164 | 11409 | 1.92 | cps |
| Potassium | 39-2 | 891348 | 886136 | 879950 | 885811 | 0.64 | cps |
| Rhodium | 103-1 | 10886234 | 10783859 | 10681027 | 10783707 | 0.95 | cps |
| Rhodium | 103-2 | 6404241 | 6322604 | 6337815 | 6354887 | 0.68 | cps |
| Scandium | 45-1 | 6501375 | 6540502 | 6413885 | 6485254 | 1.00 | cps |
| Scandium | 45-2 | 529944 | 526117 | 527980 | 528014 | 0.36 | cps |
| Selenium | 82-1 | 319 | 349 | 311 | 326 | 6.22 | cps |
| Selenium | 77-2 | 163 | 150 | 123 | 146 | 13.99 | cps |
| Selenium | 78-2 | 503 | 553 | 527 | 528 | 4.74 | cps |
| Silicon | 28-1 | 22369216 | 21630289 | 21488411 | 21829305 | 2.17 | cps |
| Silver | 107-1 | 4831 | 4017 | 11191 | 6680 | 58.81 | cps |
| Silver | 109-1 | 4537 | 3707 | 3774 | 4006 | 11.51 | cps |
| Sodium | 23-2 | 190225 | 188248 | 187395 | 188623 | 0.77 | cps |
| Strontium | 86-1 | 1225100 | 1241359 | 1232012 | 1232824 | 0.66 | cps |
| Strontium | 88-1 | 11086748 | 11100337 | 11220077 | 11135720 | 0.66 | cps |
| Sulfur | 34-1 | 252642 | 252981 | 252621 | 252748 | 0.08 | cps |
| Terbium | 159-1 | 15359455 | 15300739 | 15126056 | 15262083 | 0.80 | cps |
| Terbium | 159-2 | 10440237 | 10477678 | 10393839 | 10437252 | 0.40 | cps |
| Thallium | 203-1 | 6055 | 5811 | 5581 | 5816 | 4.07 | cps |
| Thallium | 205-1 | 14441 | 13710 | 12956 | 13703 | 5.42 | cps |
| Tin | 118-1 | 29390 | 29924 | 29891 | 29735 | 1.01 | cps |
| Titanium | 47-1 | 371850 | 368455 | 367510 | 369272 | 0.62 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-12 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 20:59:22 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 61780 | 62446 | 62372 | 62199 | 0.59 | cps |
| Vanadium | 51-2 | 301535 | 301471 | 303892 | 302300 | 0.46 | cps |
| Yttrium | 89-1 | 14781186 | 14667300 | 14591219 | 14679902 | 0.65 | cps |
| Yttrium | 89-2 | 3757676 | 3743298 | 3700423 | 3733799 | 0.80 | cps |
| Zinc | 66-2 | 204785 | 204297 | 201784 | 203622 | 0.79 | cps |
| Zirconium | 90-1 | 55524 | 56411 | 56036 | 55991 | 0.80 | cps |
| Zirconium | 91-1 | 12242 | 12669 | 12652 | 12521 | 1.93 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:02:32 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4737484 | 4676625 | 4738029 | 4717380 | 0.75 | cps |
| Antimony | 121-1 | 22137 | 22604 | 21910 | 22217 | 1.59 | cps |
| Arsenic | 75-2 | 12128 | 12582 | 12422 | 12377 | 1.86 | cps |
| Barium | 135-1 | 772543 | 791138 | 792745 | 785476 | 1.43 | cps |
| Barium | 137-1 | 1346666 | 1364335 | 1354497 | 1355166 | 0.65 | cps |
| Beryllium | 9-1 | 2654 | 2780 | 2584 | 2672 | 3.73 | cps |
| Bismuth | 209-1 | 9206147 | 8932739 | 8760603 | 8966496 | 2.51 | cps |
| Bismuth | 209-2 | 7374836 | 7343764 | 7461331 | 7393310 | 0.82 | cps |
| Bromine | 81-1 | 20838 | 22798 | 22938 | 22191 | 5.29 | cps |
| Bromine | 81-2 | 1533 | 1730 | 1687 | 1650 | 6.26 | cps |
| Cadmium | 108-1 | 1197 | 1290 | 1367 | 1285 | 6.63 | cps |
| Cadmium | 106-1 | 5221 | 5231 | 5211 | 5221 | 0.19 | cps |
| Cadmium | 111-1 | 18773 | 18708 | 18360 | 18613 | 1.19 | cps |
| Calcium | 43-1 | 4720087 | 4816291 | 4774213 | 4770197 | 1.01 | cps |
| Calcium | 44-1 | 74250406 | 76377921 | 76985641 | 75871322 | 1.89 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3766382 | 3769666 | 3710000 | 3748683 | 0.89 | cps |
| Cobalt | 59-2 | 163142 | 161774 | 160963 | 161960 | 0.68 | cps |
| Copper | 63-2 | 727625 | 726294 | 725448 | 726456 | 0.15 | cps |
| Dysprosium | 156-1 | 50226 | 50393 | 51671 | 50764 | 1.56 | cps |
| Dysprosium | 156-2 | 39907 | 40806 | 40298 | 40337 | 1.12 | cps |
| Erbium | 164-1 | 45888 | 46858 | 46761 | 46503 | 1.15 | cps |
| Erbium | 164-2 | 33985 | 33841 | 33139 | 33655 | 1.34 | cps |
| Gadolinium | 160-1 | 51447 | 50989 | 51263 | 51233 | 0.45 | cps |
| Gadolinium | 160-2 | 37931 | 38463 | 38372 | 38255 | 0.74 | cps |
| Holmium | 165-1 | 15084323 | 14941427 | 14880063 | 14968604 | 0.70 | cps |
| Holmium | 165-2 | 10583663 | 10368480 | 10404375 | 10452173 | 1.10 | cps |
| Indium | 115-1 | 12010967 | 11756921 | 11765143 | 11844343 | 1.22 | cps |
| Indium | 115-2 | 4095506 | 4107872 | 4095662 | 4099680 | 0.17 | cps |
| Iron | 56-2 | 885349053 | 888470120 | 887259000 | 887026058 | 0.18 | cps |
| Iron | 57-2 | 22039190 | 21831016 | 21788448 | 21886218 | 0.61 | cps |
| Iron | 54-2 | 47890296 | 47995606 | 47488061 | 47791321 | 0.56 | cps |
| Krypton | 83-1 | 243 | 323 | 317 | 294 | 15.07 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:02:32 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9202461 | 9306864 | 9440679 | 9316668 | 1.28 | cps |
| Lead | 207-1 | 7902884 | 8065164 | 8002514 | 7990187 | 1.02 | cps |
| Lead | 208-1 | 36287379 | 36866874 | 36685848 | 36613367 | 0.81 | cps |
| Lithium | 6-1 | 1784020 | 1748546 | 1745461 | 1759342 | 1.22 | cps |
| Magnesium | 24-2 | 11124085 | 11288465 | 11025589 | 11146047 | 1.19 | cps |
| Manganese | 55-2 | 42121849 | 42307154 | 41631428 | 42020143 | 0.83 | cps |
| Molybdenum | 94-1 | 96529 | 98387 | 96810 | 97242 | 1.03 | cps |
| Molybdenum | 95-1 | 101468 | 102892 | 101549 | 101970 | 0.78 | cps |
| Molybdenum | 96-1 | 123828 | 125569 | 124944 | 124781 | 0.71 | cps |
| Molybdenum | 97-1 | 63038 | 64726 | 64006 | 63923 | 1.32 | cps |
| Molybdenum | 98-1 | 161889 | 163497 | 164107 | 163164 | 0.70 | cps |
| Neodymium | 150-1 | 77521 | 77816 | 77465 | 77601 | 0.24 | cps |
| Neodymium | 150-2 | 46045 | 46021 | 45476 | 45848 | 0.70 | cps |
| Nickel | 60-2 | 558895 | 558352 | 558155 | 558467 | 0.07 | cps |
| Phosphorus | 31-2 | 19109 | 19062 | 19419 | 19197 | 1.01 | cps |
| Potassium | 39-2 | 1379201 | 1369509 | 1354126 | 1367612 | 0.92 | cps |
| Rhodium | 103-1 | 10791473 | 10687327 | 10537930 | 10672243 | 1.19 | cps |
| Rhodium | 103-2 | 6326481 | 6308042 | 6255687 | 6296737 | 0.58 | cps |
| Scandium | 45-1 | 6499861 | 6419407 | 6204852 | 6374707 | 2.39 | cps |
| Scandium | 45-2 | 510382 | 512861 | 511836 | 511693 | 0.24 | cps |
| Selenium | 82-1 | 494 | 310 | 349 | 384 | 25.21 | cps |
| Selenium | 77-2 | 167 | 130 | 147 | 148 | 12.42 | cps |
| Selenium | 78-2 | 533 | 493 | 507 | 511 | 3.98 | cps |
| Silicon | 28-1 | 31069240 | 31172494 | 31509622 | 31250452 | 0.74 | cps |
| Silver | 107-1 | 35570 | 35734 | 35958 | 35754 | 0.54 | cps |
| Silver | 109-1 | 35036 | 34658 | 34635 | 34776 | 0.65 | cps |
| Sodium | 23-2 | 363312 | 366581 | 364041 | 364645 | 0.47 | cps |
| Strontium | 86-1 | 1537290 | 1554502 | 1559625 | 1550472 | 0.75 | cps |
| Strontium | 88-1 | 13326748 | 13460679 | 13625829 | 13471085 | 1.11 | cps |
| Sulfur | 34-1 | 260084 | 256403 | 255577 | 257354 | 0.93 | cps |
| Terbium | 159-1 | 15629806 | 15160512 | 15091338 | 15293885 | 1.92 | cps |
| Terbium | 159-2 | 10259189 | 10296180 | 10311446 | 10288938 | 0.26 | cps |
| Thallium | 203-1 | 19978 | 19908 | 20349 | 20078 | 1.18 | cps |
| Thallium | 205-1 | 47432 | 47496 | 47984 | 47637 | 0.63 | cps |
| Tin | 118-1 | 146830 | 148480 | 149149 | 148153 | 0.81 | cps |
| Titanium | 47-1 | 920150 | 934743 | 936810 | 930568 | 0.98 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:02:32 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 64405 | 65882 | 65095 | 65127 | 1.13 | cps |
| Vanadium | 51-2 | 621634 | 618614 | 617239 | 619162 | 0.36 | cps |
| Yttrium | 89-1 | 14664904 | 14571005 | 14415076 | 14550328 | 0.87 | cps |
| Yttrium | 89-2 | 3656962 | 3678090 | 3687904 | 3674319 | 0.43 | cps |
| Zinc | 66-2 | 1828042 | 1823670 | 1832723 | 1828145 | 0.25 | cps |
| Zirconium | 90-1 | 105003 | 105962 | 106697 | 105887 | 0.80 | cps |
| Zirconium | 91-1 | 23152 | 24183 | 23562 | 23632 | 2.20 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:05:33 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5236884 | 5101194 | 5159860 | 5165979 | 1.32 | cps |
| Antimony | 121-1 | 29303 | 30302 | 29176 | 29594 | 2.08 | cps |
| Arsenic | 75-2 | 10404 | 10090 | 10550 | 10348 | 2.27 | cps |
| Barium | 135-1 | 794987 | 803541 | 807149 | 801892 | 0.78 | cps |
| Barium | 137-1 | 1387372 | 1391855 | 1383565 | 1387597 | 0.30 | cps |
| Beryllium | 9-1 | 3921 | 4117 | 4191 | 4076 | 3.43 | cps |
| Bismuth | 209-1 | 8785141 | 8865329 | 8690841 | 8780437 | 0.99 | cps |
| Bismuth | 209-2 | 7426970 | 7329487 | 7326948 | 7361135 | 0.77 | cps |
| Bromine | 81-1 | 20728 | 20952 | 21509 | 21063 | 1.91 | cps |
| Bromine | 81-2 | 1580 | 1353 | 1407 | 1447 | 8.19 | cps |
| Cadmium | 108-1 | 1597 | 1920 | 1640 | 1719 | 10.21 | cps |
| Cadmium | 106-1 | 5995 | 5971 | 5908 | 5958 | 0.75 | cps |
| Cadmium | 111-1 | 21834 | 21214 | 21646 | 21565 | 1.47 | cps |
| Calcium | 43-1 | 6149260 | 6098254 | 6042371 | 6096629 | 0.88 | cps |
| Calcium | 44-1 | 98650205 | 97134032 | 96811905 | 97532047 | 1.01 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4586889 | 4538166 | 4500659 | 4541905 | 0.95 | cps |
| Cobalt | 59-2 | 95327 | 93341 | 91996 | 93555 | 1.79 | cps |
| Copper | 63-2 | 573467 | 570697 | 565380 | 569848 | 0.72 | cps |
| Dysprosium | 156-1 | 35592 | 36096 | 35478 | 35722 | 0.92 | cps |
| Dysprosium | 156-2 | 29087 | 27914 | 28703 | 28568 | 2.09 | cps |
| Erbium | 164-1 | 36825 | 37059 | 36919 | 36934 | 0.32 | cps |
| Erbium | 164-2 | 26492 | 26498 | 25684 | 26225 | 1.79 | cps |
| Gadolinium | 160-1 | 35107 | 36558 | 35304 | 35656 | 2.21 | cps |
| Gadolinium | 160-2 | 26695 | 26118 | 27053 | 26622 | 1.77 | cps |
| Holmium | 165-1 | 14834083 | 14783108 | 14612628 | 14743273 | 0.79 | cps |
| Holmium | 165-2 | 10359234 | 10390574 | 10340324 | 10363377 | 0.24 | cps |
| Indium | 115-1 | 11695664 | 11644565 | 11460614 | 11600281 | 1.07 | cps |
| Indium | 115-2 | 4024695 | 4003297 | 4029952 | 4019314 | 0.35 | cps |
| Iron | 56-2 | 1000169212 | 975735585 | 970835719 | 982246839 | 1.60 | cps |
| Iron | 57-2 | 24515800 | 24253420 | 24002677 | 24257299 | 1.06 | cps |
| Iron | 54-2 | 53330458 | 52767874 | 52267286 | 52788539 | 1.01 | cps |
| Krypton | 83-1 | 240 | 303 | 287 | 277 | 11.86 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:05:33 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8667097 | 8738036 | 8719507 | 8708213 | 0.42 | cps |
| Lead | 207-1 | 7384502 | 7420748 | 7402216 | 7402488 | 0.24 | cps |
| Lead | 208-1 | 33675292 | 34222839 | 34110493 | 34002875 | 0.85 | cps |
| Lithium | 6-1 | 1729647 | 1703890 | 1728265 | 1720601 | 0.84 | cps |
| Magnesium | 24-2 | 12920985 | 12696055 | 12674180 | 12763740 | 1.07 | cps |
| Manganese | 55-2 | 68933087 | 67565426 | 67147429 | 67881981 | 1.38 | cps |
| Molybdenum | 94-1 | 184331 | 186225 | 186434 | 185663 | 0.62 | cps |
| Molybdenum | 95-1 | 176440 | 177654 | 176048 | 176714 | 0.47 | cps |
| Molybdenum | 96-1 | 213624 | 216454 | 216276 | 215452 | 0.74 | cps |
| Molybdenum | 97-1 | 110537 | 112657 | 110104 | 111099 | 1.23 | cps |
| Molybdenum | 98-1 | 284201 | 288077 | 287566 | 286615 | 0.73 | cps |
| Neodymium | 150-1 | 51534 | 51922 | 52604 | 52020 | 1.04 | cps |
| Neodymium | 150-2 | 31218 | 30269 | 30399 | 30629 | 1.68 | cps |
| Nickel | 60-2 | 530777 | 526646 | 526687 | 528037 | 0.45 | cps |
| Phosphorus | 31-2 | 24707 | 24500 | 23852 | 24353 | 1.83 | cps |
| Potassium | 39-2 | 1123198 | 1100039 | 1110073 | 1111103 | 1.05 | cps |
| Rhodium | 103-1 | 10677501 | 10374200 | 10264263 | 10438655 | 2.05 | cps |
| Rhodium | 103-2 | 6172559 | 6138241 | 6143873 | 6151558 | 0.30 | cps |
| Scandium | 45-1 | 6329058 | 6216274 | 6152707 | 6232680 | 1.43 | cps |
| Scandium | 45-2 | 503083 | 495988 | 497408 | 498826 | 0.75 | cps |
| Selenium | 82-1 | 549 | 421 | 447 | 472 | 14.30 | cps |
| Selenium | 77-2 | 70 | 53 | 153 | 92 | 58.10 | cps |
| Selenium | 78-2 | 543 | 593 | 550 | 562 | 4.83 | cps |
| Silicon | 28-1 | 41832939 | 42773468 | 42936212 | 42514206 | 1.40 | cps |
| Silver | 107-1 | 47314 | 47303 | 47925 | 47514 | 0.75 | cps |
| Silver | 109-1 | 45505 | 46260 | 45668 | 45811 | 0.87 | cps |
| Sodium | 23-2 | 504682 | 499677 | 495621 | 499993 | 0.91 | cps |
| Strontium | 86-1 | 1706253 | 1732759 | 1744016 | 1727676 | 1.12 | cps |
| Strontium | 88-1 | 15014816 | 15093457 | 15097801 | 15068691 | 0.31 | cps |
| Sulfur | 34-1 | 270562 | 270675 | 270472 | 270570 | 0.04 | cps |
| Terbium | 159-1 | 15340583 | 14938493 | 14929424 | 15069500 | 1.56 | cps |
| Terbium | 159-2 | 10275732 | 10207984 | 10142021 | 10208579 | 0.65 | cps |
| Thallium | 203-1 | 34560 | 35155 | 35874 | 35197 | 1.87 | cps |
| Thallium | 205-1 | 81747 | 82575 | 84834 | 83052 | 1.92 | cps |
| Tin | 118-1 | 185707 | 188135 | 187635 | 187159 | 0.68 | cps |
| Titanium | 47-1 | 1884568 | 1865911 | 1884245 | 1878241 | 0.57 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:05:33 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 58890 | 60674 | 60755 | 60107 | 1.75 | cps |
| Vanadium | 51-2 | 964633 | 957396 | 947424 | 956484 | 0.90 | cps |
| Yttrium | 89-1 | 14389058 | 14383678 | 14079271 | 14284002 | 1.24 | cps |
| Yttrium | 89-2 | 3581647 | 3580310 | 3573398 | 3578452 | 0.12 | cps |
| Zinc | 66-2 | 2653442 | 2620479 | 2656642 | 2643521 | 0.76 | cps |
| Zirconium | 90-1 | 227905 | 232740 | 227137 | 229261 | 1.33 | cps |
| Zirconium | 91-1 | 50798 | 51173 | 51413 | 51128 | 0.61 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:08:38 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4272430 | 4211884 | 4271449 | 4251921 | 0.82 | cps |
| Antimony | 121-1 | 25092 | 24641 | 25389 | 25041 | 1.50 | cps |
| Arsenic | 75-2 | 11665 | 11998 | 11655 | 11773 | 1.66 | cps |
| Barium | 135-1 | 675869 | 679714 | 681429 | 679004 | 0.42 | cps |
| Barium | 137-1 | 1162811 | 1176708 | 1180734 | 1173418 | 0.80 | cps |
| Beryllium | 9-1 | 3237 | 2937 | 2884 | 3019 | 6.31 | cps |
| Bismuth | 209-1 | 8760915 | 8990576 | 8822519 | 8858003 | 1.34 | cps |
| Bismuth | 209-2 | 7270422 | 7340746 | 7353691 | 7321620 | 0.61 | cps |
| Bromine | 81-1 | 23212 | 24387 | 23990 | 23863 | 2.51 | cps |
| Bromine | 81-2 | 1843 | 2043 | 2007 | 1965 | 5.42 | cps |
| Cadmium | 108-1 | 1227 | 1143 | 1297 | 1222 | 6.28 | cps |
| Cadmium | 106-1 | 4884 | 5214 | 5101 | 5066 | 3.31 | cps |
| Cadmium | 111-1 | 16020 | 16606 | 16263 | 16296 | 1.81 | cps |
| Calcium | 43-1 | 4423330 | 4335203 | 4325532 | 4361355 | 1.24 | cps |
| Calcium | 44-1 | 70532181 | 69519326 | 69123232 | 69724913 | 1.04 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2390338 | 2372689 | 2351605 | 2371544 | 0.82 | cps |
| Cobalt | 59-2 | 108096 | 106877 | 106910 | 107294 | 0.65 | cps |
| Copper | 63-2 | 475915 | 471063 | 471861 | 472946 | 0.55 | cps |
| Dysprosium | 156-1 | 40171 | 41194 | 39816 | 40393 | 1.77 | cps |
| Dysprosium | 156-2 | 32257 | 32411 | 31870 | 32179 | 0.87 | cps |
| Erbium | 164-1 | 37981 | 37764 | 38403 | 38050 | 0.85 | cps |
| Erbium | 164-2 | 26826 | 26191 | 25978 | 26332 | 1.68 | cps |
| Gadolinium | 160-1 | 40395 | 41050 | 40655 | 40700 | 0.81 | cps |
| Gadolinium | 160-2 | 30062 | 30199 | 30393 | 30218 | 0.55 | cps |
| Holmium | 165-1 | 14465938 | 14775255 | 14645779 | 14628990 | 1.06 | cps |
| Holmium | 165-2 | 10324997 | 10292209 | 10259039 | 10292082 | 0.32 | cps |
| Indium | 115-1 | 11539262 | 11525899 | 11519735 | 11528299 | 0.09 | cps |
| Indium | 115-2 | 3984990 | 3987066 | 4001463 | 3991173 | 0.22 | cps |
| Iron | 56-2 | 667977457 | 662279857 | 667866483 | 666041266 | 0.49 | cps |
| Iron | 57-2 | 16674253 | 16539697 | 16542641 | 16585530 | 0.46 | cps |
| Iron | 54-2 | 36092542 | 35626019 | 36023562 | 35914041 | 0.70 | cps |
| Krypton | 83-1 | 280 | 277 | 337 | 298 | 11.32 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:08:38 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7033472 | 7197472 | 7216105 | 7149016 | 1.41 | cps |
| Lead | 207-1 | 5890660 | 6040493 | 6061838 | 5997664 | 1.56 | cps |
| Lead | 208-1 | 27403175 | 27957545 | 28122565 | 27827762 | 1.35 | cps |
| Lithium | 6-1 | 1751278 | 1715290 | 1734125 | 1733564 | 1.04 | cps |
| Magnesium | 24-2 | 9882840 | 9903218 | 9832349 | 9872802 | 0.37 | cps |
| Manganese | 55-2 | 35346466 | 34713456 | 34821037 | 34960320 | 0.97 | cps |
| Molybdenum | 94-1 | 85601 | 86362 | 85162 | 85709 | 0.71 | cps |
| Molybdenum | 95-1 | 82380 | 83577 | 83396 | 83117 | 0.78 | cps |
| Molybdenum | 96-1 | 102741 | 102942 | 102989 | 102891 | 0.13 | cps |
| Molybdenum | 97-1 | 51467 | 52300 | 51350 | 51705 | 1.00 | cps |
| Molybdenum | 98-1 | 133567 | 133910 | 131801 | 133093 | 0.85 | cps |
| Neodymium | 150-1 | 62240 | 63398 | 62997 | 62878 | 0.94 | cps |
| Neodymium | 150-2 | 36724 | 37533 | 37222 | 37160 | 1.10 | cps |
| Nickel | 60-2 | 333443 | 328582 | 329080 | 330368 | 0.81 | cps |
| Phosphorus | 31-2 | 15017 | 14400 | 14771 | 14729 | 2.11 | cps |
| Potassium | 39-2 | 1387714 | 1360661 | 1372108 | 1373494 | 0.99 | cps |
| Rhodium | 103-1 | 10402115 | 10335900 | 10340602 | 10359539 | 0.36 | cps |
| Rhodium | 103-2 | 6178735 | 6071816 | 6159734 | 6136761 | 0.93 | cps |
| Scandium | 45-1 | 6106839 | 6113706 | 6031808 | 6084117 | 0.75 | cps |
| Scandium | 45-2 | 494077 | 492950 | 492860 | 493295 | 0.14 | cps |
| Selenium | 82-1 | 355 | 396 | 276 | 342 | 17.89 | cps |
| Selenium | 77-2 | 93 | 97 | 93 | 94 | 2.04 | cps |
| Selenium | 78-2 | 457 | 487 | 497 | 480 | 4.34 | cps |
| Silicon | 28-1 | 32250760 | 32490282 | 32001530 | 32247524 | 0.76 | cps |
| Silver | 107-1 | 40302 | 40079 | 40680 | 40354 | 0.75 | cps |
| Silver | 109-1 | 38875 | 39514 | 39220 | 39203 | 0.81 | cps |
| Sodium | 23-2 | 472731 | 471395 | 471328 | 471818 | 0.17 | cps |
| Strontium | 86-1 | 1415851 | 1461681 | 1470051 | 1449195 | 2.01 | cps |
| Strontium | 88-1 | 12804374 | 12731604 | 12750812 | 12762263 | 0.30 | cps |
| Sulfur | 34-1 | 242271 | 241658 | 239925 | 241285 | 0.50 | cps |
| Terbium | 159-1 | 14962321 | 15125850 | 14856907 | 14981692 | 0.90 | cps |
| Terbium | 159-2 | 10238948 | 10067833 | 10120089 | 10142290 | 0.86 | cps |
| Thallium | 203-1 | 27531 | 27959 | 28052 | 27847 | 1.00 | cps |
| Thallium | 205-1 | 65600 | 66210 | 66367 | 66059 | 0.61 | cps |
| Tin | 118-1 | 149614 | 149961 | 149382 | 149653 | 0.19 | cps |
| Titanium | 47-1 | 851128 | 849261 | 846479 | 848956 | 0.28 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-15 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:08:38 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 49040 | 49425 | 48297 | 48921 | 1.17 | cps |
| Vanadium | 51-2 | 523237 | 519240 | 521660 | 521379 | 0.39 | cps |
| Yttrium | 89-1 | 14070974 | 14173888 | 14032011 | 14092291 | 0.52 | cps |
| Yttrium | 89-2 | 3531665 | 3551391 | 3502289 | 3528448 | 0.70 | cps |
| Zinc | 66-2 | 2103073 | 2083366 | 2092649 | 2093029 | 0.47 | cps |
| Zirconium | 90-1 | 102944 | 103253 | 104783 | 103660 | 0.95 | cps |
| Zirconium | 91-1 | 22748 | 23095 | 22591 | 22811 | 1.13 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:11:40 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4975963 | 5057248 | 5049268 | 5027493 | 0.89 | cps |
| Antimony | 121-1 | 24558 | 26100 | 25927 | 25528 | 3.31 | cps |
| Arsenic | 75-2 | 12936 | 13066 | 13016 | 13006 | 0.50 | cps |
| Barium | 135-1 | 808167 | 822936 | 818173 | 816425 | 0.92 | cps |
| Barium | 137-1 | 1406794 | 1434388 | 1431786 | 1424323 | 1.07 | cps |
| Beryllium | 9-1 | 3417 | 3154 | 3284 | 3285 | 4.01 | cps |
| Bismuth | 209-1 | 9083876 | 8809490 | 8790260 | 8894542 | 1.85 | cps |
| Bismuth | 209-2 | 7228195 | 7262368 | 7221681 | 7237414 | 0.30 | cps |
| Bromine | 81-1 | 25318 | 26804 | 27549 | 26557 | 4.28 | cps |
| Bromine | 81-2 | 2514 | 2750 | 2570 | 2611 | 4.73 | cps |
| Cadmium | 108-1 | 1290 | 1260 | 1203 | 1251 | 3.52 | cps |
| Cadmium | 106-1 | 5291 | 5334 | 5281 | 5302 | 0.53 | cps |
| Cadmium | 111-1 | 17595 | 18007 | 17682 | 17761 | 1.22 | cps |
| Calcium | 43-1 | 5020140 | 5096555 | 5077441 | 5064712 | 0.79 | cps |
| Calcium | 44-1 | 81161972 | 82393230 | 81206959 | 81587387 | 0.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2527803 | 2507793 | 2471663 | 2502420 | 1.14 | cps |
| Cobalt | 59-2 | 130733 | 129640 | 131490 | 130621 | 0.71 | cps |
| Copper | 63-2 | 612294 | 605860 | 608423 | 608859 | 0.53 | cps |
| Dysprosium | 156-1 | 52748 | 54251 | 52922 | 53307 | 1.54 | cps |
| Dysprosium | 156-2 | 41825 | 42163 | 42170 | 42053 | 0.47 | cps |
| Erbium | 164-1 | 49246 | 50755 | 50594 | 50199 | 1.65 | cps |
| Erbium | 164-2 | 35000 | 35512 | 35625 | 35379 | 0.94 | cps |
| Gadolinium | 160-1 | 52662 | 53860 | 53251 | 53257 | 1.12 | cps |
| Gadolinium | 160-2 | 40652 | 40037 | 39472 | 40054 | 1.47 | cps |
| Holmium | 165-1 | 14969468 | 14494056 | 14421846 | 14628457 | 2.03 | cps |
| Holmium | 165-2 | 10323205 | 10402774 | 10207169 | 10311049 | 0.95 | cps |
| Indium | 115-1 | 11707672 | 11449652 | 11393436 | 11516920 | 1.45 | cps |
| Indium | 115-2 | 3996846 | 4006461 | 3998920 | 4000742 | 0.13 | cps |
| Iron | 56-2 | 740212736 | 741147642 | 742781482 | 741380620 | 0.18 | cps |
| Iron | 57-2 | 18455435 | 18287911 | 18283955 | 18342433 | 0.53 | cps |
| Iron | 54-2 | 40382024 | 39891576 | 39894722 | 40056107 | 0.70 | cps |
| Krypton | 83-1 | 283 | 357 | 303 | 314 | 12.06 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:11:40 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7660853 | 7773089 | 7823244 | 7752395 | 1.07 | cps |
| Lead | 207-1 | 6384424 | 6530521 | 6557931 | 6490959 | 1.44 | cps |
| Lead | 208-1 | 29843209 | 30294035 | 30363955 | 30167066 | 0.94 | cps |
| Lithium | 6-1 | 1744603 | 1685859 | 1731629 | 1720697 | 1.79 | cps |
| Magnesium | 24-2 | 12912084 | 12821449 | 12815658 | 12849730 | 0.42 | cps |
| Manganese | 55-2 | 42353865 | 42144850 | 42346929 | 42281881 | 0.28 | cps |
| Molybdenum | 94-1 | 107383 | 110378 | 111033 | 109598 | 1.78 | cps |
| Molybdenum | 95-1 | 101008 | 102841 | 101989 | 101946 | 0.90 | cps |
| Molybdenum | 96-1 | 124578 | 127712 | 127422 | 126571 | 1.37 | cps |
| Molybdenum | 97-1 | 62319 | 64250 | 63972 | 63514 | 1.64 | cps |
| Molybdenum | 98-1 | 160481 | 165225 | 165741 | 163816 | 1.77 | cps |
| Neodymium | 150-1 | 79402 | 81792 | 81721 | 80972 | 1.68 | cps |
| Neodymium | 150-2 | 49303 | 48704 | 47607 | 48538 | 1.77 | cps |
| Nickel | 60-2 | 325850 | 322834 | 324057 | 324247 | 0.47 | cps |
| Phosphorus | 31-2 | 17233 | 17053 | 17003 | 17096 | 0.71 | cps |
| Potassium | 39-2 | 1702800 | 1699443 | 1711675 | 1704639 | 0.37 | cps |
| Rhodium | 103-1 | 10547703 | 10130939 | 10262807 | 10313817 | 2.07 | cps |
| Rhodium | 103-2 | 6071307 | 6128311 | 6115538 | 6105052 | 0.49 | cps |
| Scandium | 45-1 | 6241906 | 6054749 | 5964512 | 6087056 | 2.32 | cps |
| Scandium | 45-2 | 492347 | 488481 | 490981 | 490603 | 0.40 | cps |
| Selenium | 82-1 | 440 | 346 | 372 | 386 | 12.62 | cps |
| Selenium | 77-2 | 203 | 153 | 163 | 173 | 15.26 | cps |
| Selenium | 78-2 | 577 | 497 | 643 | 572 | 12.83 | cps |
| Silicon | 28-1 | 43341651 | 44416583 | 44232696 | 43996977 | 1.31 | cps |
| Silver | 107-1 | 39754 | 40918 | 39804 | 40159 | 1.64 | cps |
| Silver | 109-1 | 37268 | 39099 | 38190 | 38186 | 2.40 | cps |
| Sodium | 23-2 | 526088 | 523044 | 525615 | 524916 | 0.31 | cps |
| Strontium | 86-1 | 2026338 | 2072618 | 2086069 | 2061675 | 1.52 | cps |
| Strontium | 88-1 | 17616401 | 18152579 | 17945844 | 17904941 | 1.51 | cps |
| Sulfur | 34-1 | 257102 | 257528 | 259749 | 258126 | 0.55 | cps |
| Terbium | 159-1 | 15196601 | 14899042 | 14680252 | 14925299 | 1.74 | cps |
| Terbium | 159-2 | 9993194 | 10019107 | 9912247 | 9974849 | 0.56 | cps |
| Thallium | 203-1 | 30003 | 30858 | 30805 | 30555 | 1.57 | cps |
| Thallium | 205-1 | 72382 | 73262 | 73326 | 72990 | 0.72 | cps |
| Tin | 118-1 | 158711 | 161885 | 160283 | 160293 | 0.99 | cps |
| Titanium | 47-1 | 1158644 | 1181708 | 1177632 | 1172662 | 1.05 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:11:40 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 67986 | 69708 | 69018 | 68904 | 1.26 | cps |
| Vanadium | 51-2 | 597726 | 591102 | 594413 | 594414 | 0.56 | cps |
| Yttrium | 89-1 | 14591056 | 14328170 | 14060687 | 14326638 | 1.85 | cps |
| Yttrium | 89-2 | 3583636 | 3576545 | 3562916 | 3574366 | 0.29 | cps |
| Zinc | 66-2 | 2093037 | 2065786 | 2079774 | 2079533 | 0.66 | cps |
| Zirconium | 90-1 | 134765 | 140396 | 139276 | 138146 | 2.16 | cps |
| Zirconium | 91-1 | 30308 | 31838 | 30722 | 30956 | 2.56 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:14:43 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5046055 | 5037108 | 5021637 | 5034933 | 0.25 | cps |
| Antimony | 121-1 | 25987 | 26294 | 25984 | 26088 | 0.68 | cps |
| Arsenic | 75-2 | 13343 | 13189 | 13163 | 13232 | 0.73 | cps |
| Barium | 135-1 | 831470 | 829014 | 832768 | 831084 | 0.23 | cps |
| Barium | 137-1 | 1439910 | 1455889 | 1445550 | 1447116 | 0.56 | cps |
| Beryllium | 9-1 | 3270 | 3280 | 3247 | 3266 | 0.52 | cps |
| Bismuth | 209-1 | 8997132 | 8856380 | 8842457 | 8898656 | 0.96 | cps |
| Bismuth | 209-2 | 7478189 | 7308217 | 7281265 | 7355890 | 1.45 | cps |
| Bromine | 81-1 | 26951 | 27355 | 27923 | 27410 | 1.78 | cps |
| Bromine | 81-2 | 2544 | 2617 | 2644 | 2601 | 1.99 | cps |
| Cadmium | 108-1 | 1377 | 1350 | 1250 | 1326 | 5.04 | cps |
| Cadmium | 106-1 | 5404 | 5291 | 5204 | 5300 | 1.89 | cps |
| Cadmium | 111-1 | 17540 | 17356 | 17325 | 17407 | 0.67 | cps |
| Calcium | 43-1 | 5205240 | 5184586 | 5203173 | 5197667 | 0.22 | cps |
| Calcium | 44-1 | 83400324 | 83124377 | 82760355 | 83095019 | 0.39 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2552111 | 2510018 | 2564265 | 2542132 | 1.12 | cps |
| Cobalt | 59-2 | 133470 | 132949 | 132246 | 132889 | 0.46 | cps |
| Copper | 63-2 | 621926 | 613036 | 620057 | 618340 | 0.76 | cps |
| Dysprosium | 156-1 | 53963 | 54331 | 55301 | 54532 | 1.27 | cps |
| Dysprosium | 156-2 | 43634 | 42952 | 43253 | 43280 | 0.79 | cps |
| Erbium | 164-1 | 50420 | 50621 | 50665 | 50569 | 0.26 | cps |
| Erbium | 164-2 | 35709 | 35913 | 35030 | 35551 | 1.30 | cps |
| Gadolinium | 160-1 | 54365 | 54429 | 54268 | 54354 | 0.15 | cps |
| Gadolinium | 160-2 | 41063 | 40605 | 40492 | 40720 | 0.74 | cps |
| Holmium | 165-1 | 15129959 | 14632759 | 14581365 | 14781361 | 2.05 | cps |
| Holmium | 165-2 | 10362056 | 10283935 | 10317143 | 10321045 | 0.38 | cps |
| Indium | 115-1 | 11718516 | 11390467 | 11466755 | 11525246 | 1.49 | cps |
| Indium | 115-2 | 4035454 | 3981702 | 4004962 | 4007373 | 0.67 | cps |
| Iron | 56-2 | 754362602 | 751608949 | 752294469 | 752755340 | 0.19 | cps |
| Iron | 57-2 | 18442554 | 18545476 | 18576389 | 18521473 | 0.38 | cps |
| Iron | 54-2 | 40549842 | 40376215 | 40157574 | 40361210 | 0.49 | cps |
| Krypton | 83-1 | 250 | 327 | 313 | 297 | 13.81 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:14:43 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7749443 | 7873273 | 7741630 | 7788115 | 0.95 | cps |
| Lead | 207-1 | 6436117 | 6635314 | 6595941 | 6555791 | 1.61 | cps |
| Lead | 208-1 | 30153612 | 30616888 | 30263407 | 30344636 | 0.80 | cps |
| Lithium | 6-1 | 1719201 | 1725608 | 1715322 | 1720043 | 0.30 | cps |
| Magnesium | 24-2 | 12863246 | 12879382 | 13103830 | 12948820 | 1.04 | cps |
| Manganese | 55-2 | 42758231 | 42246220 | 42715681 | 42573377 | 0.67 | cps |
| Molybdenum | 94-1 | 111940 | 111393 | 112374 | 111902 | 0.44 | cps |
| Molybdenum | 95-1 | 103496 | 103734 | 105151 | 104127 | 0.86 | cps |
| Molybdenum | 96-1 | 128344 | 129194 | 129053 | 128864 | 0.35 | cps |
| Molybdenum | 97-1 | 64742 | 65539 | 65991 | 65424 | 0.97 | cps |
| Molybdenum | 98-1 | 165333 | 166858 | 168294 | 166828 | 0.89 | cps |
| Neodymium | 150-1 | 82100 | 83412 | 84246 | 83253 | 1.30 | cps |
| Neodymium | 150-2 | 48152 | 49252 | 49242 | 48882 | 1.29 | cps |
| Nickel | 60-2 | 329181 | 326725 | 328248 | 328051 | 0.38 | cps |
| Phosphorus | 31-2 | 17113 | 17260 | 17580 | 17318 | 1.38 | cps |
| Potassium | 39-2 | 1688173 | 1679000 | 1707438 | 1691537 | 0.86 | cps |
| Rhodium | 103-1 | 10534123 | 10260737 | 10308863 | 10367908 | 1.41 | cps |
| Rhodium | 103-2 | 6108151 | 6205824 | 6194403 | 6169459 | 0.87 | cps |
| Scandium | 45-1 | 6366266 | 6076274 | 6063788 | 6168776 | 2.77 | cps |
| Scandium | 45-2 | 493713 | 492210 | 493381 | 493101 | 0.16 | cps |
| Selenium | 82-1 | 415 | 384 | 409 | 403 | 4.05 | cps |
| Selenium | 77-2 | 210 | 193 | 173 | 192 | 9.55 | cps |
| Selenium | 78-2 | 500 | 597 | 497 | 531 | 10.69 | cps |
| Silicon | 28-1 | 44167019 | 44696671 | 44890308 | 44584666 | 0.84 | cps |
| Silver | 107-1 | 40510 | 40496 | 41095 | 40700 | 0.84 | cps |
| Silver | 109-1 | 38852 | 39778 | 39186 | 39272 | 1.19 | cps |
| Sodium | 23-2 | 530709 | 534465 | 533873 | 533016 | 0.38 | cps |
| Strontium | 86-1 | 2102373 | 2093383 | 2064583 | 2086780 | 0.95 | cps |
| Strontium | 88-1 | 18217448 | 18190407 | 17848683 | 18085513 | 1.14 | cps |
| Sulfur | 34-1 | 261461 | 260919 | 261251 | 261210 | 0.10 | cps |
| Terbium | 159-1 | 15358065 | 14922025 | 14767416 | 15015835 | 2.04 | cps |
| Terbium | 159-2 | 10210463 | 10211984 | 10042878 | 10155109 | 0.96 | cps |
| Thallium | 203-1 | 30982 | 31884 | 31600 | 31489 | 1.46 | cps |
| Thallium | 205-1 | 74378 | 75454 | 73306 | 74379 | 1.44 | cps |
| Tin | 118-1 | 164311 | 165006 | 165286 | 164868 | 0.30 | cps |
| Titanium | 47-1 | 1177314 | 1190023 | 1186537 | 1184625 | 0.55 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:14:43 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 69560 | 70971 | 71163 | 70565 | 1.24 | cps |
| Vanadium | 51-2 | 605600 | 601600 | 601738 | 602979 | 0.38 | cps |
| Yttrium | 89-1 | 14613113 | 14256229 | 14265407 | 14378250 | 1.41 | cps |
| Yttrium | 89-2 | 3600965 | 3597444 | 3574132 | 3590847 | 0.41 | cps |
| Zinc | 66-2 | 2100900 | 2103862 | 2095248 | 2100003 | 0.21 | cps |
| Zirconium | 90-1 | 139341 | 141705 | 140366 | 140471 | 0.84 | cps |
| Zirconium | 91-1 | 31474 | 31410 | 31126 | 31337 | 0.59 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:17:44 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1032362 | 1016670 | 1010707 | 1019913 | 1.10 | cps |
| Antimony | 121-1 | 5114 | 5038 | 5208 | 5120 | 1.66 | cps |
| Arsenic | 75-2 | 2644 | 2650 | 2794 | 2696 | 3.14 | cps |
| Barium | 135-1 | 163820 | 165591 | 165958 | 165123 | 0.69 | cps |
| Barium | 137-1 | 285973 | 287598 | 288918 | 287497 | 0.51 | cps |
| Beryllium | 9-1 | 707 | 687 | 730 | 708 | 3.06 | cps |
| Bismuth | 209-1 | 8790635 | 8834298 | 8731321 | 8785418 | 0.59 | cps |
| Bismuth | 209-2 | 5157422 | 7454733 | 7451591 | 6687915 | 19.82 | cps |
| Bromine | 81-1 | 17057 | 18261 | 17380 | 17566 | 3.55 | cps |
| Bromine | 81-2 | 667 | 577 | 643 | 629 | 7.43 | cps |
| Cadmium | 108-1 | 300 | 313 | 277 | 297 | 6.26 | cps |
| Cadmium | 106-1 | 3587 | 3634 | 3364 | 3528 | 4.09 | cps |
| Cadmium | 111-1 | 5241 | 5261 | 5065 | 5189 | 2.09 | cps |
| Calcium | 43-1 | 1068634 | 1085247 | 1083023 | 1078968 | 0.84 | cps |
| Calcium | 44-1 | 16461214 | 16481367 | 16643206 | 16528596 | 0.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 517133 | 507275 | 504347 | 509585 | 1.31 | cps |
| Cobalt | 59-2 | 27983 | 27171 | 27074 | 27410 | 1.82 | cps |
| Copper | 63-2 | 135500 | 133623 | 134633 | 134585 | 0.70 | cps |
| Dysprosium | 156-1 | 10417 | 10911 | 10624 | 10651 | 2.33 | cps |
| Dysprosium | 156-2 | 8786 | 8569 | 8696 | 8684 | 1.25 | cps |
| Erbium | 164-1 | 9957 | 9887 | 9850 | 9898 | 0.55 | cps |
| Erbium | 164-2 | 7442 | 7259 | 7195 | 7299 | 1.76 | cps |
| Gadolinium | 160-1 | 10617 | 11118 | 10691 | 10809 | 2.50 | cps |
| Gadolinium | 160-2 | 8136 | 8246 | 8323 | 8235 | 1.14 | cps |
| Holmium | 165-1 | 14364237 | 14319210 | 14453128 | 14378859 | 0.47 | cps |
| Holmium | 165-2 | 7145060 | 10444332 | 10337083 | 9308825 | 20.14 | cps |
| Indium | 115-1 | 11482974 | 11563895 | 11580340 | 11542403 | 0.45 | cps |
| Indium | 115-2 | 2834542 | 4172131 | 4096376 | 3701017 | 20.30 | cps |
| Iron | 56-2 | 154352811 | 153779194 | 153009114 | 153713707 | 0.44 | cps |
| Iron | 57-2 | 3801452 | 3765586 | 3766613 | 3777883 | 0.54 | cps |
| Iron | 54-2 | 8380705 | 8310497 | 8249538 | 8313580 | 0.79 | cps |
| Krypton | 83-1 | 237 | 247 | 210 | 231 | 8.20 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:17:44 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1430096 | 1441682 | 1444727 | 1438835 | 0.54 | cps |
| Lead | 207-1 | 1164910 | 1197496 | 1190267 | 1184224 | 1.45 | cps |
| Lead | 208-1 | 5748013 | 5840313 | 5857143 | 5815156 | 1.01 | cps |
| Lithium | 6-1 | 1670130 | 1655313 | 1658731 | 1661391 | 0.47 | cps |
| Magnesium | 24-2 | 2689709 | 2647690 | 2648627 | 2662009 | 0.90 | cps |
| Manganese | 55-2 | 8822432 | 8705302 | 8620410 | 8716048 | 1.16 | cps |
| Molybdenum | 94-1 | 21593 | 21973 | 21593 | 21720 | 1.01 | cps |
| Molybdenum | 95-1 | 20201 | 20808 | 21132 | 20714 | 2.28 | cps |
| Molybdenum | 96-1 | 24971 | 25606 | 25472 | 25350 | 1.32 | cps |
| Molybdenum | 97-1 | 12245 | 12762 | 12922 | 12643 | 2.80 | cps |
| Molybdenum | 98-1 | 32459 | 33950 | 32636 | 33015 | 2.47 | cps |
| Neodymium | 150-1 | 15866 | 16113 | 16496 | 16158 | 1.97 | cps |
| Neodymium | 150-2 | 10127 | 9877 | 9787 | 9930 | 1.78 | cps |
| Nickel | 60-2 | 69480 | 67507 | 68907 | 68631 | 1.48 | cps |
| Phosphorus | 31-2 | 3881 | 3640 | 3597 | 3706 | 4.12 | cps |
| Potassium | 39-2 | 402939 | 392721 | 398097 | 397919 | 1.28 | cps |
| Rhodium | 103-1 | 10525035 | 10450205 | 10501595 | 10492278 | 0.36 | cps |
| Rhodium | 103-2 | 4407269 | 6473666 | 6302357 | 5727764 | 20.02 | cps |
| Scandium | 45-1 | 6029271 | 5987257 | 6032901 | 6016476 | 0.42 | cps |
| Scandium | 45-2 | 343750 | 500104 | 496369 | 446741 | 19.97 | cps |
| Selenium | 82-1 | 152 | 156 | 169 | 159 | 5.56 | cps |
| Selenium | 77-2 | 17 | 33 | 30 | 27 | 33.06 | cps |
| Selenium | 78-2 | 367 | 470 | 440 | 426 | 12.49 | cps |
| Silicon | 28-1 | 9383582 | 9706643 | 9521034 | 9537086 | 1.70 | cps |
| Silver | 107-1 | 8099 | 7982 | 8159 | 8080 | 1.11 | cps |
| Silver | 109-1 | 7886 | 7872 | 7836 | 7864 | 0.33 | cps |
| Sodium | 23-2 | 134367 | 132027 | 131344 | 132579 | 1.20 | cps |
| Strontium | 86-1 | 394705 | 399934 | 402382 | 399007 | 0.98 | cps |
| Strontium | 88-1 | 3543182 | 3585287 | 3605384 | 3577951 | 0.89 | cps |
| Sulfur | 34-1 | 199849 | 200493 | 198380 | 199574 | 0.54 | cps |
| Terbium | 159-1 | 14939657 | 14739006 | 14643881 | 14774182 | 1.02 | cps |
| Terbium | 159-2 | 7038558 | 10267019 | 10018074 | 9107884 | 19.72 | cps |
| Thallium | 203-1 | 5965 | 6161 | 6245 | 6124 | 2.35 | cps |
| Thallium | 205-1 | 14908 | 14902 | 14995 | 14935 | 0.35 | cps |
| Tin | 118-1 | 33202 | 32944 | 33155 | 33100 | 0.41 | cps |
| Titanium | 47-1 | 234025 | 237714 | 236966 | 236235 | 0.83 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:17:44 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13330 | 13617 | 13474 | 13474 | 1.06 | cps |
| Vanadium | 51-2 | 123792 | 121134 | 121682 | 122203 | 1.15 | cps |
| Yttrium | 89-1 | 13513885 | 13451171 | 13526568 | 13497208 | 0.30 | cps |
| Yttrium | 89-2 | 2446539 | 3576594 | 3457964 | 3160365 | 19.65 | cps |
| Zinc | 66-2 | 430732 | 422324 | 423206 | 425421 | 1.09 | cps |
| Zirconium | 90-1 | 27386 | 27806 | 27573 | 27588 | 0.76 | cps |
| Zirconium | 91-1 | 5945 | 6411 | 6251 | 6202 | 3.83 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:20:56 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5065746 | 5100336 | 5171980 | 5112687 | 1.06 | cps |
| Antimony | 121-1 | 282768 | 286085 | 284968 | 284607 | 0.59 | cps |
| Arsenic | 75-2 | 18391 | 18091 | 18288 | 18257 | 0.84 | cps |
| Barium | 135-1 | 2282323 | 2265814 | 2261829 | 2269989 | 0.48 | cps |
| Barium | 137-1 | 3850383 | 3879015 | 3844082 | 3857826 | 0.48 | cps |
| Beryllium | 9-1 | 18875 | 18531 | 18194 | 18533 | 1.84 | cps |
| Bismuth | 209-1 | 8847785 | 8911553 | 8810178 | 8856505 | 0.58 | cps |
| Bismuth | 209-2 | 7266676 | 7336230 | 7329258 | 7310721 | 0.52 | cps |
| Bromine | 81-1 | 25919 | 26718 | 27449 | 26695 | 2.87 | cps |
| Bromine | 81-2 | 2410 | 2457 | 2487 | 2451 | 1.58 | cps |
| Cadmium | 108-1 | 3250 | 3490 | 3647 | 3463 | 5.77 | cps |
| Cadmium | 106-1 | 8262 | 8489 | 8039 | 8264 | 2.72 | cps |
| Cadmium | 111-1 | 49394 | 50455 | 50207 | 50019 | 1.11 | cps |
| Calcium | 43-1 | 5220653 | 5172362 | 5170862 | 5187959 | 0.55 | cps |
| Calcium | 44-1 | 82734232 | 82933302 | 83261832 | 82976455 | 0.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2700656 | 2718547 | 2709843 | 2709682 | 0.33 | cps |
| Cobalt | 59-2 | 881364 | 882143 | 881633 | 881713 | 0.04 | cps |
| Copper | 63-2 | 868499 | 867298 | 872255 | 869351 | 0.30 | cps |
| Dysprosium | 156-1 | 53712 | 54374 | 54780 | 54289 | 0.99 | cps |
| Dysprosium | 156-2 | 42414 | 42501 | 42591 | 42502 | 0.21 | cps |
| Erbium | 164-1 | 50140 | 50427 | 50902 | 50490 | 0.76 | cps |
| Erbium | 164-2 | 35378 | 35863 | 35916 | 35719 | 0.83 | cps |
| Gadolinium | 160-1 | 52598 | 53926 | 54271 | 53599 | 1.65 | cps |
| Gadolinium | 160-2 | 40224 | 40164 | 40990 | 40459 | 1.14 | cps |
| Holmium | 165-1 | 14907342 | 14782136 | 14571166 | 14753548 | 1.15 | cps |
| Holmium | 165-2 | 10312549 | 10303856 | 10429100 | 10348502 | 0.68 | cps |
| Indium | 115-1 | 11763648 | 11539724 | 11569075 | 11624149 | 1.05 | cps |
| Indium | 115-2 | 3961268 | 3942148 | 4023449 | 3975622 | 1.07 | cps |
| Iron | 56-2 | 746442789 | 750735429 | 746762896 | 747980371 | 0.32 | cps |
| Iron | 57-2 | 18476872 | 18395203 | 18413327 | 18428467 | 0.23 | cps |
| Iron | 54-2 | 40376243 | 40540529 | 40557039 | 40491270 | 0.25 | cps |
| Krypton | 83-1 | 267 | 347 | 313 | 309 | 13.01 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:20:56 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7835568 | 7996246 | 7870348 | 7900721 | 1.07 | cps |
| Lead | 207-1 | 6462478 | 6719308 | 6535453 | 6572413 | 2.01 | cps |
| Lead | 208-1 | 30118226 | 30975802 | 30412040 | 30502023 | 1.43 | cps |
| Lithium | 6-1 | 1713029 | 1734114 | 1698737 | 1715294 | 1.04 | cps |
| Magnesium | 24-2 | 12895701 | 12825951 | 13027444 | 12916365 | 0.79 | cps |
| Manganese | 55-2 | 42865271 | 42452745 | 42763321 | 42693779 | 0.50 | cps |
| Molybdenum | 94-1 | 109411 | 111150 | 110909 | 110490 | 0.85 | cps |
| Molybdenum | 95-1 | 103127 | 103794 | 104724 | 103882 | 0.77 | cps |
| Molybdenum | 96-1 | 126192 | 129994 | 128952 | 128380 | 1.53 | cps |
| Molybdenum | 97-1 | 63842 | 64598 | 64481 | 64307 | 0.63 | cps |
| Molybdenum | 98-1 | 163510 | 168243 | 166402 | 166052 | 1.44 | cps |
| Neodymium | 150-1 | 81342 | 82761 | 81976 | 82027 | 0.87 | cps |
| Neodymium | 150-2 | 49423 | 48911 | 48526 | 48953 | 0.92 | cps |
| Nickel | 60-2 | 517940 | 514734 | 515375 | 516016 | 0.33 | cps |
| Phosphorus | 31-2 | 17253 | 17096 | 17410 | 17253 | 0.91 | cps |
| Potassium | 39-2 | 1702849 | 1710178 | 1702790 | 1705272 | 0.25 | cps |
| Rhodium | 103-1 | 10512350 | 10379517 | 10426010 | 10439292 | 0.65 | cps |
| Rhodium | 103-2 | 6151838 | 6123994 | 6118520 | 6131451 | 0.29 | cps |
| Scandium | 45-1 | 6273129 | 6134937 | 6128434 | 6178833 | 1.32 | cps |
| Scandium | 45-2 | 491910 | 493734 | 497425 | 494356 | 0.57 | cps |
| Selenium | 82-1 | 4623 | 4433 | 4543 | 4533 | 2.10 | cps |
| Selenium | 77-2 | 553 | 583 | 543 | 560 | 3.72 | cps |
| Selenium | 78-2 | 1623 | 1960 | 1920 | 1835 | 10.03 | cps |
| Silicon | 28-1 | 44404293 | 44927774 | 44429036 | 44587034 | 0.66 | cps |
| Silver | 107-1 | 200227 | 199948 | 203753 | 201309 | 1.05 | cps |
| Silver | 109-1 | 191448 | 194926 | 192912 | 193095 | 0.90 | cps |
| Sodium | 23-2 | 517875 | 522608 | 522475 | 520986 | 0.52 | cps |
| Strontium | 86-1 | 2074348 | 2071983 | 2079194 | 2075175 | 0.18 | cps |
| Strontium | 88-1 | 18105995 | 18345324 | 18032051 | 18161124 | 0.90 | cps |
| Sulfur | 34-1 | 260508 | 262545 | 262426 | 261826 | 0.44 | cps |
| Terbium | 159-1 | 15231151 | 14913050 | 15022069 | 15055423 | 1.07 | cps |
| Terbium | 159-2 | 10178523 | 10042353 | 10042465 | 10087780 | 0.78 | cps |
| Thallium | 203-1 | 151013 | 152361 | 153281 | 152218 | 0.75 | cps |
| Thallium | 205-1 | 356679 | 363866 | 362366 | 360970 | 1.05 | cps |
| Tin | 118-1 | 162522 | 163921 | 162761 | 163068 | 0.46 | cps |
| Titanium | 47-1 | 1174830 | 1196276 | 1188768 | 1186624 | 0.92 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:20:56 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 68636 | 69681 | 69092 | 69136 | 0.76 | cps |
| Vanadium | 51-2 | 1020847 | 1014550 | 1019374 | 1018257 | 0.32 | cps |
| Yttrium | 89-1 | 14586997 | 14359454 | 14096796 | 14347749 | 1.71 | cps |
| Yttrium | 89-2 | 3595406 | 3590907 | 3588478 | 3591597 | 0.10 | cps |
| Zinc | 66-2 | 2189415 | 2190106 | 2193695 | 2191072 | 0.10 | cps |
| Zirconium | 90-1 | 137396 | 141258 | 140151 | 139601 | 1.42 | cps |
| Zirconium | 91-1 | 31029 | 31647 | 31063 | 31247 | 1.11 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:23:56 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4392690 | 4422582 | 4452705 | 4422659 | 0.68 | cps |
| Antimony | 121-1 | 11194 | 11295 | 11385 | 11291 | 0.84 | cps |
| Arsenic | 75-2 | 9029 | 8643 | 8583 | 8752 | 2.77 | cps |
| Barium | 135-1 | 500929 | 509659 | 511381 | 507323 | 1.10 | cps |
| Barium | 137-1 | 868239 | 894564 | 881200 | 881334 | 1.49 | cps |
| Beryllium | 9-1 | 1790 | 1790 | 1797 | 1792 | 0.21 | cps |
| Bismuth | 209-1 | 9012220 | 8940107 | 8777003 | 8909777 | 1.35 | cps |
| Bismuth | 209-2 | 7359581 | 7302431 | 7283513 | 7315175 | 0.54 | cps |
| Bromine | 81-1 | 23586 | 23412 | 24494 | 23830 | 2.44 | cps |
| Bromine | 81-2 | 1987 | 2190 | 1973 | 2050 | 5.92 | cps |
| Cadmium | 108-1 | 457 | 490 | 553 | 500 | 9.82 | cps |
| Cadmium | 106-1 | 4167 | 3937 | 4091 | 4065 | 2.88 | cps |
| Cadmium | 111-1 | 8319 | 8224 | 8401 | 8315 | 1.06 | cps |
| Calcium | 43-1 | 4513401 | 4519398 | 4594260 | 4542353 | 0.99 | cps |
| Calcium | 44-1 | 71720821 | 72278924 | 72788896 | 72262880 | 0.74 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1467393 | 1436586 | 1433049 | 1445676 | 1.31 | cps |
| Cobalt | 59-2 | 123489 | 123167 | 120714 | 122457 | 1.24 | cps |
| Copper | 63-2 | 296736 | 292464 | 294152 | 294450 | 0.73 | cps |
| Dysprosium | 156-1 | 51474 | 52826 | 51417 | 51905 | 1.54 | cps |
| Dysprosium | 156-2 | 40147 | 40859 | 40354 | 40454 | 0.91 | cps |
| Erbium | 164-1 | 46176 | 46146 | 46604 | 46309 | 0.55 | cps |
| Erbium | 164-2 | 33116 | 32752 | 32585 | 32817 | 0.83 | cps |
| Gadolinium | 160-1 | 50598 | 51113 | 51337 | 51016 | 0.74 | cps |
| Gadolinium | 160-2 | 38941 | 38092 | 38433 | 38488 | 1.11 | cps |
| Holmium | 165-1 | 15372727 | 14874916 | 14740389 | 14996010 | 2.22 | cps |
| Holmium | 165-2 | 10296803 | 10342459 | 10273222 | 10304161 | 0.34 | cps |
| Indium | 115-1 | 12191181 | 11540026 | 11511266 | 11747491 | 3.27 | cps |
| Indium | 115-2 | 4051695 | 3991643 | 4033605 | 4025648 | 0.77 | cps |
| Iron | 56-2 | 345698995 | 342236142 | 344702902 | 344212679 | 0.52 | cps |
| Iron | 57-2 | 8619533 | 8536116 | 8526409 | 8560686 | 0.60 | cps |
| Iron | 54-2 | 18745048 | 18637659 | 18695909 | 18692872 | 0.29 | cps |
| Krypton | 83-1 | 283 | 277 | 280 | 280 | 1.19 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:23:56 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2513679 | 2574057 | 2560366 | 2549367 | 1.24 | cps |
| Lead | 207-1 | 2132168 | 2183543 | 2153937 | 2156550 | 1.20 | cps |
| Lead | 208-1 | 9834738 | 10052857 | 9976075 | 9954557 | 1.11 | cps |
| Lithium | 6-1 | 1764285 | 1735079 | 1727547 | 1742303 | 1.11 | cps |
| Magnesium | 24-2 | 9296695 | 9277813 | 9312168 | 9295559 | 0.19 | cps |
| Manganese | 55-2 | 30798488 | 30555979 | 30595260 | 30649909 | 0.42 | cps |
| Molybdenum | 94-1 | 42521 | 43601 | 43986 | 43370 | 1.75 | cps |
| Molybdenum | 95-1 | 48049 | 48075 | 49249 | 48458 | 1.41 | cps |
| Molybdenum | 96-1 | 58510 | 58647 | 59618 | 58925 | 1.02 | cps |
| Molybdenum | 97-1 | 30038 | 30124 | 30746 | 30303 | 1.27 | cps |
| Molybdenum | 98-1 | 76392 | 78265 | 78700 | 77786 | 1.58 | cps |
| Neodymium | 150-1 | 76858 | 78001 | 78155 | 77671 | 0.91 | cps |
| Neodymium | 150-2 | 45761 | 46613 | 45530 | 45968 | 1.24 | cps |
| Nickel | 60-2 | 149769 | 149843 | 148342 | 149318 | 0.57 | cps |
| Phosphorus | 31-2 | 18742 | 17513 | 17567 | 17941 | 3.87 | cps |
| Potassium | 39-2 | 1575677 | 1531305 | 1562791 | 1556591 | 1.47 | cps |
| Rhodium | 103-1 | 10933237 | 10487067 | 10440240 | 10620181 | 2.56 | cps |
| Rhodium | 103-2 | 6156593 | 6075237 | 6191613 | 6141148 | 0.97 | cps |
| Scandium | 45-1 | 6306454 | 6134867 | 6184294 | 6208538 | 1.42 | cps |
| Scandium | 45-2 | 498000 | 494514 | 497122 | 496545 | 0.37 | cps |
| Selenium | 82-1 | 348 | 399 | 304 | 350 | 13.54 | cps |
| Selenium | 77-2 | 147 | 113 | 207 | 156 | 30.41 | cps |
| Selenium | 78-2 | 527 | 463 | 533 | 508 | 7.61 | cps |
| Silicon | 28-1 | 16697304 | 16935893 | 16867113 | 16833436 | 0.73 | cps |
| Silver | 107-1 | 14801 | 14631 | 15085 | 14839 | 1.54 | cps |
| Silver | 109-1 | 14561 | 14778 | 14457 | 14599 | 1.12 | cps |
| Sodium | 23-2 | 224080 | 225901 | 227468 | 225816 | 0.75 | cps |
| Strontium | 86-1 | 1511252 | 1508414 | 1539080 | 1519582 | 1.12 | cps |
| Strontium | 88-1 | 13081447 | 13090740 | 13379656 | 13183948 | 1.29 | cps |
| Sulfur | 34-1 | 255474 | 253493 | 255275 | 254747 | 0.43 | cps |
| Terbium | 159-1 | 15596683 | 15197183 | 14854015 | 15215960 | 2.44 | cps |
| Terbium | 159-2 | 10333020 | 10244093 | 10111208 | 10229440 | 1.09 | cps |
| Thallium | 203-1 | 12669 | 13070 | 12556 | 12765 | 2.11 | cps |
| Thallium | 205-1 | 29619 | 30184 | 29956 | 29920 | 0.95 | cps |
| Tin | 118-1 | 53375 | 54181 | 53529 | 53695 | 0.80 | cps |
| Titanium | 47-1 | 413779 | 420157 | 422718 | 418885 | 1.10 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:23:56 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 58907 | 59174 | 58685 | 58922 | 0.42 | cps |
| Vanadium | 51-2 | 378856 | 374313 | 375727 | 376299 | 0.62 | cps |
| Yttrium | 89-1 | 14751614 | 14245095 | 14373424 | 14456711 | 1.82 | cps |
| Yttrium | 89-2 | 3610355 | 3569339 | 3565361 | 3581685 | 0.70 | cps |
| Zinc | 66-2 | 717566 | 712176 | 716884 | 715542 | 0.41 | cps |
| Zirconium | 90-1 | 41860 | 43070 | 42314 | 42414 | 1.44 | cps |
| Zirconium | 91-1 | 9026 | 9240 | 9687 | 9317 | 3.62 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:27:01 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4632558 | 4604518 | 4617605 | 4618227 | 0.30 | cps |
| Antimony | 121-1 | 5361 | 5438 | 5324 | 5374 | 1.08 | cps |
| Arsenic | 75-2 | 10767 | 10374 | 10490 | 10544 | 1.92 | cps |
| Barium | 135-1 | 626882 | 630984 | 627849 | 628572 | 0.34 | cps |
| Barium | 137-1 | 1080297 | 1087276 | 1086125 | 1084566 | 0.35 | cps |
| Beryllium | 9-1 | 2100 | 2124 | 2010 | 2078 | 2.88 | cps |
| Bismuth | 209-1 | 8780999 | 8753319 | 8782477 | 8772265 | 0.19 | cps |
| Bismuth | 209-2 | 7305407 | 7273814 | 7355960 | 7311727 | 0.57 | cps |
| Bromine | 81-1 | 22287 | 23482 | 22848 | 22872 | 2.61 | cps |
| Bromine | 81-2 | 1813 | 1813 | 1860 | 1829 | 1.47 | cps |
| Cadmium | 108-1 | 260 | 317 | 333 | 303 | 12.67 | cps |
| Cadmium | 106-1 | 3624 | 3964 | 3744 | 3777 | 4.57 | cps |
| Cadmium | 111-1 | 5338 | 5477 | 5228 | 5348 | 2.33 | cps |
| Calcium | 43-1 | 3659196 | 3654346 | 3663316 | 3658952 | 0.12 | cps |
| Calcium | 44-1 | 58178739 | 58013289 | 57889829 | 58027286 | 0.25 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 390068 | 388917 | 388472 | 389152 | 0.21 | cps |
| Cobalt | 59-2 | 182670 | 182488 | 181705 | 182288 | 0.28 | cps |
| Copper | 63-2 | 251800 | 250567 | 250374 | 250914 | 0.31 | cps |
| Dysprosium | 156-1 | 73189 | 74339 | 74449 | 73992 | 0.94 | cps |
| Dysprosium | 156-2 | 58491 | 58294 | 58418 | 58401 | 0.17 | cps |
| Erbium | 164-1 | 63349 | 63550 | 63031 | 63310 | 0.41 | cps |
| Erbium | 164-2 | 45604 | 44440 | 45902 | 45315 | 1.70 | cps |
| Gadolinium | 160-1 | 71639 | 72540 | 71334 | 71837 | 0.87 | cps |
| Gadolinium | 160-2 | 53542 | 53595 | 53625 | 53587 | 0.08 | cps |
| Holmium | 165-1 | 14443596 | 14685716 | 14650754 | 14593355 | 0.90 | cps |
| Holmium | 165-2 | 10406282 | 10229777 | 10269886 | 10301982 | 0.90 | cps |
| Indium | 115-1 | 11652431 | 11574654 | 11456867 | 11561317 | 0.85 | cps |
| Indium | 115-2 | 4006015 | 4044924 | 4028064 | 4026334 | 0.48 | cps |
| Iron | 56-2 | 251915650 | 251605156 | 250188836 | 251236547 | 0.37 | cps |
| Iron | 57-2 | 6247608 | 6273676 | 6229606 | 6250297 | 0.35 | cps |
| Iron | 54-2 | 13487724 | 13611451 | 13616654 | 13571943 | 0.54 | cps |
| Krypton | 83-1 | 230 | 260 | 277 | 256 | 9.25 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:27:01 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 810390 | 816092 | 819847 | 815443 | 0.58 | cps |
| Lead | 207-1 | 659282 | 662339 | 666460 | 662693 | 0.54 | cps |
| Lead | 208-1 | 3080835 | 3094749 | 3102934 | 3092839 | 0.36 | cps |
| Lithium | 6-1 | 1726679 | 1761264 | 1736707 | 1741550 | 1.02 | cps |
| Magnesium | 24-2 | 9107226 | 9170274 | 9073731 | 9117077 | 0.54 | cps |
| Manganese | 55-2 | 7952732 | 7966538 | 7983392 | 7967554 | 0.19 | cps |
| Molybdenum | 94-1 | 49831 | 50958 | 50038 | 50276 | 1.19 | cps |
| Molybdenum | 95-1 | 41987 | 42819 | 42492 | 42432 | 0.99 | cps |
| Molybdenum | 96-1 | 53688 | 53280 | 53658 | 53542 | 0.42 | cps |
| Molybdenum | 97-1 | 27065 | 27145 | 26941 | 27051 | 0.38 | cps |
| Molybdenum | 98-1 | 68520 | 69223 | 68888 | 68877 | 0.51 | cps |
| Neodymium | 150-1 | 109954 | 110139 | 110532 | 110209 | 0.27 | cps |
| Neodymium | 150-2 | 65494 | 66091 | 64888 | 65491 | 0.92 | cps |
| Nickel | 60-2 | 140184 | 137563 | 139299 | 139016 | 0.96 | cps |
| Phosphorus | 31-2 | 10120 | 10227 | 9923 | 10090 | 1.53 | cps |
| Potassium | 39-2 | 1688331 | 1669079 | 1676890 | 1678100 | 0.58 | cps |
| Rhodium | 103-1 | 10520666 | 10422870 | 10459960 | 10467832 | 0.47 | cps |
| Rhodium | 103-2 | 6304936 | 6148347 | 6225720 | 6226334 | 1.26 | cps |
| Scandium | 45-1 | 6193879 | 6163007 | 6061181 | 6139356 | 1.13 | cps |
| Scandium | 45-2 | 494688 | 495953 | 495010 | 495217 | 0.13 | cps |
| Selenium | 82-1 | 364 | 428 | 327 | 373 | 13.65 | cps |
| Selenium | 77-2 | 173 | 237 | 233 | 214 | 16.62 | cps |
| Selenium | 78-2 | 537 | 550 | 550 | 546 | 1.41 | cps |
| Silicon | 28-1 | 25661019 | 25585776 | 25374608 | 25540468 | 0.58 | cps |
| Silver | 107-1 | 5675 | 6011 | 5721 | 5802 | 3.14 | cps |
| Silver | 109-1 | 5384 | 5238 | 5261 | 5294 | 1.49 | cps |
| Sodium | 23-2 | 181506 | 182966 | 182788 | 182420 | 0.44 | cps |
| Strontium | 86-1 | 1172726 | 1184629 | 1198052 | 1185136 | 1.07 | cps |
| Strontium | 88-1 | 10515543 | 10629797 | 10605373 | 10583571 | 0.57 | cps |
| Sulfur | 34-1 | 219459 | 216823 | 216150 | 217477 | 0.80 | cps |
| Terbium | 159-1 | 14846035 | 15120630 | 15080109 | 15015591 | 0.99 | cps |
| Terbium | 159-2 | 10255171 | 10024420 | 10209618 | 10163070 | 1.20 | cps |
| Thallium | 203-1 | 6498 | 6251 | 6221 | 6324 | 2.40 | cps |
| Thallium | 205-1 | 15102 | 15239 | 15546 | 15295 | 1.49 | cps |
| Tin | 118-1 | 20615 | 21216 | 20501 | 20777 | 1.85 | cps |
| Titanium | 47-1 | 250320 | 252892 | 251822 | 251678 | 0.51 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:27:01 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 75178 | 75939 | 75932 | 75683 | 0.58 | cps |
| Vanadium | 51-2 | 243896 | 244469 | 243771 | 244045 | 0.15 | cps |
| Yttrium | 89-1 | 14459238 | 14324698 | 14188706 | 14324214 | 0.94 | cps |
| Yttrium | 89-2 | 3667689 | 3664983 | 3615930 | 3649534 | 0.80 | cps |
| Zinc | 66-2 | 272634 | 271590 | 271269 | 271831 | 0.26 | cps |
| Zirconium | 90-1 | 68837 | 67661 | 68311 | 68270 | 0.86 | cps |
| Zirconium | 91-1 | 15228 | 15205 | 15261 | 15231 | 0.19 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:30:08 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3406107 | 3324018 | 3378204 | 3369443 | 1.24 | cps |
| Antimony | 121-1 | 170653 | 177038 | 176819 | 174837 | 2.07 | cps |
| Arsenic | 75-2 | 41835 | 41785 | 40996 | 41539 | 1.13 | cps |
| Barium | 135-1 | 2144603 | 2185905 | 2196699 | 2175735 | 1.26 | cps |
| Barium | 137-1 | 3674055 | 3714554 | 3775356 | 3721322 | 1.37 | cps |
| Beryllium | 9-1 | 2720 | 3057 | 2884 | 2887 | 5.83 | cps |
| Bismuth | 209-1 | 9085978 | 8883602 | 8893967 | 8954515 | 1.27 | cps |
| Bismuth | 209-2 | 7389405 | 7367115 | 7503662 | 7420061 | 0.99 | cps |
| Bromine | 81-1 | 17617 | 17864 | 18235 | 17905 | 1.74 | cps |
| Bromine | 81-2 | 640 | 630 | 603 | 624 | 3.04 | cps |
| Cadmium | 108-1 | 2140 | 2180 | 2134 | 2151 | 1.17 | cps |
| Cadmium | 106-1 | 6642 | 6572 | 6161 | 6458 | 4.02 | cps |
| Cadmium | 111-1 | 25832 | 26867 | 26399 | 26366 | 1.97 | cps |
| Calcium | 43-1 | 3844201 | 3947699 | 3874756 | 3888886 | 1.37 | cps |
| Calcium | 44-1 | 61039641 | 61940546 | 62464252 | 61814813 | 1.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4406513 | 4398022 | 4404213 | 4402916 | 0.10 | cps |
| Cobalt | 59-2 | 184880 | 184606 | 183372 | 184286 | 0.44 | cps |
| Copper | 63-2 | 16145409 | 16241067 | 16062715 | 16149730 | 0.55 | cps |
| Dysprosium | 156-1 | 37193 | 38800 | 38777 | 38256 | 2.41 | cps |
| Dysprosium | 156-2 | 30613 | 30326 | 30714 | 30551 | 0.66 | cps |
| Erbium | 164-1 | 37286 | 37788 | 38429 | 37834 | 1.51 | cps |
| Erbium | 164-2 | 27073 | 27110 | 27250 | 27144 | 0.34 | cps |
| Gadolinium | 160-1 | 36491 | 37517 | 37784 | 37264 | 1.83 | cps |
| Gadolinium | 160-2 | 28907 | 28589 | 28739 | 28745 | 0.55 | cps |
| Holmium | 165-1 | 15219536 | 15167400 | 14945277 | 15110738 | 0.96 | cps |
| Holmium | 165-2 | 10492542 | 10302026 | 10592394 | 10462321 | 1.41 | cps |
| Indium | 115-1 | 12166981 | 11861535 | 11908120 | 11978879 | 1.37 | cps |
| Indium | 115-2 | 4171028 | 4136138 | 4147266 | 4151477 | 0.43 | cps |
| Iron | 56-2 | 1571319710 | 1576359763 | 1575318590 | 1574332688 | 0.17 | cps |
| Iron | 57-2 | 39200650 | 38584054 | 38372244 | 38718982 | 1.11 | cps |
| Iron | 54-2 | 84811610 | 85095199 | 85343102 | 85083304 | 0.31 | cps |
| Krypton | 83-1 | 273 | 277 | 270 | 273 | 1.22 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:30:08 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16705601 | 17164741 | 17343572 | 17071305 | 1.93 | cps |
| Lead | 207-1 | 14131494 | 14366244 | 14481657 | 14326465 | 1.25 | cps |
| Lead | 208-1 | 65294524 | 66751138 | 67253306 | 66432990 | 1.53 | cps |
| Lithium | 6-1 | 1767842 | 1699615 | 1704930 | 1724129 | 2.20 | cps |
| Magnesium | 24-2 | 7989383 | 7965609 | 8008656 | 7987883 | 0.27 | cps |
| Manganese | 55-2 | 34324597 | 33958022 | 34179362 | 34153994 | 0.54 | cps |
| Molybdenum | 94-1 | 336318 | 348492 | 345564 | 343458 | 1.85 | cps |
| Molybdenum | 95-1 | 522512 | 544166 | 543880 | 536853 | 2.31 | cps |
| Molybdenum | 96-1 | 588164 | 605101 | 615610 | 602958 | 2.30 | cps |
| Molybdenum | 97-1 | 327751 | 337935 | 341872 | 335852 | 2.17 | cps |
| Molybdenum | 98-1 | 841318 | 870293 | 874981 | 862197 | 2.11 | cps |
| Neodymium | 150-1 | 56078 | 58233 | 57567 | 57292 | 1.93 | cps |
| Neodymium | 150-2 | 33851 | 34963 | 34235 | 34350 | 1.65 | cps |
| Nickel | 60-2 | 1128666 | 1122101 | 1120597 | 1123788 | 0.38 | cps |
| Phosphorus | 31-2 | 21338 | 20581 | 20958 | 20959 | 1.81 | cps |
| Potassium | 39-2 | 986773 | 982629 | 971949 | 980451 | 0.78 | cps |
| Rhodium | 103-1 | 10902375 | 10792333 | 10669342 | 10788017 | 1.08 | cps |
| Rhodium | 103-2 | 6410294 | 6375941 | 6453454 | 6413230 | 0.61 | cps |
| Scandium | 45-1 | 6485090 | 6309607 | 6350962 | 6381887 | 1.44 | cps |
| Scandium | 45-2 | 522699 | 519120 | 517567 | 519795 | 0.51 | cps |
| Selenium | 82-1 | 390 | 430 | 512 | 444 | 14.01 | cps |
| Selenium | 77-2 | 120 | 97 | 97 | 104 | 12.90 | cps |
| Selenium | 78-2 | 510 | 520 | 553 | 528 | 4.30 | cps |
| Silicon | 28-1 | 29557200 | 29664235 | 29870238 | 29697224 | 0.54 | cps |
| Silver | 107-1 | 58795 | 60800 | 61710 | 60435 | 2.47 | cps |
| Silver | 109-1 | 57376 | 58380 | 58966 | 58241 | 1.38 | cps |
| Sodium | 23-2 | 419905 | 418191 | 417289 | 418462 | 0.32 | cps |
| Strontium | 86-1 | 1176378 | 1211953 | 1215210 | 1201180 | 1.79 | cps |
| Strontium | 88-1 | 10571638 | 10829906 | 10967679 | 10789741 | 1.86 | cps |
| Sulfur | 34-1 | 351594 | 355858 | 358667 | 355373 | 1.00 | cps |
| Terbium | 159-1 | 15618408 | 15238662 | 15354685 | 15403918 | 1.26 | cps |
| Terbium | 159-2 | 10274962 | 10334598 | 10304555 | 10304705 | 0.29 | cps |
| Thallium | 203-1 | 18125 | 18626 | 18700 | 18484 | 1.69 | cps |
| Thallium | 205-1 | 42292 | 43917 | 45272 | 43827 | 3.40 | cps |
| Tin | 118-1 | 787120 | 819324 | 810744 | 805729 | 2.07 | cps |
| Titanium | 47-1 | 615656 | 635302 | 639998 | 630319 | 2.05 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-21 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:30:08 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 60088 | 60118 | 61729 | 60645 | 1.55 | cps |
| Vanadium | 51-2 | 330814 | 328467 | 328849 | 329377 | 0.38 | cps |
| Yttrium | 89-1 | 14891861 | 14665165 | 14754337 | 14770454 | 0.77 | cps |
| Yttrium | 89-2 | 3801088 | 3722024 | 3710889 | 3744667 | 1.31 | cps |
| Zinc | 66-2 | 4479663 | 4517099 | 4517461 | 4504741 | 0.48 | cps |
| Zirconium | 90-1 | 95468 | 96793 | 98880 | 97047 | 1.77 | cps |
| Zirconium | 91-1 | 21065 | 22434 | 22334 | 21944 | 3.48 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-22 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:33:08 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3271847 | 3207420 | 3247130 | 3242133 | 1.00 | cps |
| Antimony | 121-1 | 122604 | 124678 | 125556 | 124279 | 1.22 | cps |
| Arsenic | 75-2 | 31012 | 30805 | 30612 | 30810 | 0.65 | cps |
| Barium | 135-1 | 2091278 | 2101877 | 2125453 | 2106203 | 0.83 | cps |
| Barium | 137-1 | 3624326 | 3582981 | 3608094 | 3605134 | 0.58 | cps |
| Beryllium | 9-1 | 2467 | 2547 | 2540 | 2518 | 1.76 | cps |
| Bismuth | 209-1 | 8936048 | 8892926 | 8893009 | 8907328 | 0.28 | cps |
| Bismuth | 209-2 | 7494755 | 7308488 | 7405888 | 7403043 | 1.26 | cps |
| Bromine | 81-1 | 17657 | 18108 | 18031 | 17932 | 1.34 | cps |
| Bromine | 81-2 | 647 | 697 | 627 | 657 | 5.49 | cps |
| Cadmium | 108-1 | 1223 | 1370 | 1347 | 1313 | 6.00 | cps |
| Cadmium | 106-1 | 5384 | 5008 | 4988 | 5127 | 4.36 | cps |
| Cadmium | 111-1 | 16763 | 16460 | 16602 | 16608 | 0.91 | cps |
| Calcium | 43-1 | 2915026 | 2933478 | 2903896 | 2917467 | 0.51 | cps |
| Calcium | 44-1 | 45926144 | 47076146 | 46886373 | 46629554 | 1.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3236788 | 3208045 | 3226692 | 3223842 | 0.45 | cps |
| Cobalt | 59-2 | 153297 | 152051 | 152950 | 152766 | 0.42 | cps |
| Copper | 63-2 | 10256237 | 10347277 | 10331020 | 10311511 | 0.47 | cps |
| Dysprosium | 156-1 | 42554 | 42782 | 42882 | 42739 | 0.39 | cps |
| Dysprosium | 156-2 | 33700 | 33901 | 33877 | 33826 | 0.32 | cps |
| Erbium | 164-1 | 39466 | 40271 | 40408 | 40048 | 1.27 | cps |
| Erbium | 164-2 | 28873 | 28850 | 27958 | 28560 | 1.83 | cps |
| Gadolinium | 160-1 | 41284 | 41990 | 42742 | 42005 | 1.74 | cps |
| Gadolinium | 160-2 | 31806 | 31008 | 31295 | 31369 | 1.29 | cps |
| Holmium | 165-1 | 14778934 | 14835093 | 14915672 | 14843233 | 0.46 | cps |
| Holmium | 165-2 | 10465797 | 10310510 | 10413659 | 10396655 | 0.76 | cps |
| Indium | 115-1 | 11656623 | 11729628 | 11785215 | 11723822 | 0.55 | cps |
| Indium | 115-2 | 4084965 | 4136936 | 4084289 | 4102063 | 0.74 | cps |
| Iron | 56-2 | 917841533 | 913101293 | 905521400 | 912154742 | 0.68 | cps |
| Iron | 57-2 | 22291556 | 22440481 | 22330981 | 22354339 | 0.35 | cps |
| Iron | 54-2 | 49572048 | 48985493 | 49053494 | 49203678 | 0.65 | cps |
| Krypton | 83-1 | 237 | 310 | 280 | 276 | 13.38 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-22 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:33:08 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10163313 | 10116793 | 10229761 | 10169956 | 0.56 | cps |
| Lead | 207-1 | 8407751 | 8539114 | 8520142 | 8489002 | 0.84 | cps |
| Lead | 208-1 | 39136325 | 39658522 | 39701715 | 39498854 | 0.80 | cps |
| Lithium | 6-1 | 1696798 | 1701265 | 1685901 | 1694655 | 0.47 | cps |
| Magnesium | 24-2 | 7312291 | 7277833 | 7269010 | 7286378 | 0.31 | cps |
| Manganese | 55-2 | 21826176 | 21395853 | 21563438 | 21595156 | 1.00 | cps |
| Molybdenum | 94-1 | 268286 | 272499 | 274051 | 271612 | 1.10 | cps |
| Molybdenum | 95-1 | 432753 | 438502 | 438029 | 436428 | 0.73 | cps |
| Molybdenum | 96-1 | 480334 | 486739 | 483115 | 483396 | 0.66 | cps |
| Molybdenum | 97-1 | 269366 | 272134 | 273073 | 271524 | 0.71 | cps |
| Molybdenum | 98-1 | 693372 | 706320 | 705025 | 701572 | 1.02 | cps |
| Neodymium | 150-1 | 63030 | 64302 | 63569 | 63634 | 1.00 | cps |
| Neodymium | 150-2 | 37239 | 37887 | 37409 | 37512 | 0.90 | cps |
| Nickel | 60-2 | 728085 | 725868 | 724889 | 726281 | 0.23 | cps |
| Phosphorus | 31-2 | 17433 | 17927 | 17871 | 17744 | 1.52 | cps |
| Potassium | 39-2 | 983515 | 986013 | 979337 | 982955 | 0.34 | cps |
| Rhodium | 103-1 | 10675395 | 10698730 | 10613953 | 10662693 | 0.41 | cps |
| Rhodium | 103-2 | 6371888 | 6346448 | 6383397 | 6367244 | 0.30 | cps |
| Scandium | 45-1 | 6233763 | 6325793 | 6283793 | 6281117 | 0.73 | cps |
| Scandium | 45-2 | 506824 | 504012 | 507291 | 506042 | 0.35 | cps |
| Selenium | 82-1 | 441 | 312 | 410 | 388 | 17.35 | cps |
| Selenium | 77-2 | 137 | 153 | 93 | 128 | 24.24 | cps |
| Selenium | 78-2 | 583 | 547 | 493 | 541 | 8.36 | cps |
| Silicon | 28-1 | 34348310 | 34530356 | 34515109 | 34464592 | 0.29 | cps |
| Silver | 107-1 | 33131 | 32573 | 33014 | 32906 | 0.89 | cps |
| Silver | 109-1 | 31200 | 31090 | 32029 | 31440 | 1.63 | cps |
| Sodium | 23-2 | 269369 | 267933 | 269598 | 268967 | 0.34 | cps |
| Strontium | 86-1 | 1204013 | 1224985 | 1231153 | 1220050 | 1.17 | cps |
| Strontium | 88-1 | 10904136 | 10869932 | 11043939 | 10939335 | 0.84 | cps |
| Sulfur | 34-1 | 350902 | 351775 | 352086 | 351587 | 0.17 | cps |
| Terbium | 159-1 | 14985736 | 15181806 | 15319948 | 15162496 | 1.11 | cps |
| Terbium | 159-2 | 10235418 | 10265235 | 10198220 | 10232958 | 0.33 | cps |
| Thallium | 203-1 | 11788 | 12079 | 12099 | 11989 | 1.45 | cps |
| Thallium | 205-1 | 28520 | 28830 | 28219 | 28523 | 1.07 | cps |
| Tin | 118-1 | 593652 | 602512 | 605434 | 600533 | 1.02 | cps |
| Titanium | 47-1 | 508788 | 513167 | 517065 | 513007 | 0.81 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-22 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:33:08 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53377 | 53427 | 53551 | 53451 | 0.17 | cps |
| Vanadium | 51-2 | 283652 | 283486 | 284039 | 283726 | 0.10 | cps |
| Yttrium | 89-1 | 14385586 | 14321062 | 14255675 | 14320774 | 0.45 | cps |
| Yttrium | 89-2 | 3651452 | 3618506 | 3649838 | 3639932 | 0.51 | cps |
| Zinc | 66-2 | 2788218 | 2850651 | 2803891 | 2814253 | 1.15 | cps |
| Zirconium | 90-1 | 63965 | 65087 | 65315 | 64789 | 1.12 | cps |
| Zirconium | 91-1 | 14611 | 14581 | 14464 | 14552 | 0.53 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:36:07 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1408810 | 1401722 | 1401813 | 1404115 | 0.29 | cps |
| Antimony | 121-1 | 16123 | 16406 | 15979 | 16169 | 1.34 | cps |
| Arsenic | 75-2 | 5571 | 5594 | 5628 | 5598 | 0.51 | cps |
| Barium | 135-1 | 417049 | 423308 | 422832 | 421063 | 0.83 | cps |
| Barium | 137-1 | 724995 | 741542 | 733144 | 733227 | 1.13 | cps |
| Beryllium | 9-1 | 1277 | 1187 | 1070 | 1178 | 8.80 | cps |
| Bismuth | 209-1 | 9144272 | 8872155 | 8825204 | 8947210 | 1.93 | cps |
| Bismuth | 209-2 | 7425014 | 7458313 | 7445389 | 7442905 | 0.23 | cps |
| Bromine | 81-1 | 17447 | 17854 | 18014 | 17772 | 1.65 | cps |
| Bromine | 81-2 | 780 | 757 | 720 | 752 | 4.02 | cps |
| Cadmium | 108-1 | 563 | 517 | 583 | 554 | 6.17 | cps |
| Cadmium | 106-1 | 4424 | 3761 | 4014 | 4066 | 8.23 | cps |
| Cadmium | 111-1 | 9778 | 9526 | 9340 | 9548 | 2.30 | cps |
| Calcium | 43-1 | 1958984 | 1949204 | 1962780 | 1956989 | 0.36 | cps |
| Calcium | 44-1 | 30941369 | 31383570 | 31282720 | 31202553 | 0.74 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1401798 | 1393836 | 1395122 | 1396919 | 0.31 | cps |
| Cobalt | 59-2 | 48993 | 48950 | 49210 | 49051 | 0.28 | cps |
| Copper | 63-2 | 238308 | 235294 | 234129 | 235910 | 0.91 | cps |
| Dysprosium | 156-1 | 13376 | 13660 | 13780 | 13606 | 1.52 | cps |
| Dysprosium | 156-2 | 11068 | 11061 | 11271 | 11133 | 1.07 | cps |
| Erbium | 164-1 | 12939 | 13060 | 13200 | 13066 | 1.00 | cps |
| Erbium | 164-2 | 9373 | 9270 | 9220 | 9288 | 0.84 | cps |
| Gadolinium | 160-1 | 13166 | 13640 | 13250 | 13352 | 1.89 | cps |
| Gadolinium | 160-2 | 10467 | 10377 | 10394 | 10413 | 0.46 | cps |
| Holmium | 165-1 | 14939444 | 14435247 | 14449926 | 14608206 | 1.96 | cps |
| Holmium | 165-2 | 10284927 | 10390441 | 10293639 | 10323002 | 0.57 | cps |
| Indium | 115-1 | 11963222 | 11590399 | 11477811 | 11677144 | 2.18 | cps |
| Indium | 115-2 | 4040629 | 4073545 | 3997244 | 4037139 | 0.95 | cps |
| Iron | 56-2 | 437042460 | 431613407 | 432772034 | 433809300 | 0.66 | cps |
| Iron | 57-2 | 10736407 | 10682737 | 10692552 | 10703898 | 0.27 | cps |
| Iron | 54-2 | 23657037 | 23390414 | 23222537 | 23423329 | 0.94 | cps |
| Krypton | 83-1 | 270 | 203 | 257 | 243 | 14.50 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:36:07 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4194866 | 4312116 | 4302027 | 4269670 | 1.52 | cps |
| Lead | 207-1 | 3607774 | 3640746 | 3612580 | 3620367 | 0.49 | cps |
| Lead | 208-1 | 16507024 | 16933378 | 16695110 | 16711837 | 1.28 | cps |
| Lithium | 6-1 | 1782102 | 1707854 | 1717390 | 1735782 | 2.33 | cps |
| Magnesium | 24-2 | 4718423 | 4688558 | 4714662 | 4707214 | 0.35 | cps |
| Manganese | 55-2 | 24923603 | 24723022 | 24561674 | 24736100 | 0.73 | cps |
| Molybdenum | 94-1 | 44297 | 44624 | 45447 | 44789 | 1.32 | cps |
| Molybdenum | 95-1 | 49460 | 51199 | 50283 | 50314 | 1.73 | cps |
| Molybdenum | 96-1 | 59571 | 61790 | 61057 | 60806 | 1.86 | cps |
| Molybdenum | 97-1 | 31314 | 31537 | 30575 | 31142 | 1.62 | cps |
| Molybdenum | 98-1 | 78992 | 79937 | 81030 | 79986 | 1.27 | cps |
| Neodymium | 150-1 | 20822 | 20906 | 21103 | 20943 | 0.69 | cps |
| Neodymium | 150-2 | 12229 | 12773 | 12409 | 12470 | 2.22 | cps |
| Nickel | 60-2 | 214525 | 214099 | 213342 | 213989 | 0.28 | cps |
| Phosphorus | 31-2 | 8466 | 8452 | 8176 | 8365 | 1.96 | cps |
| Potassium | 39-2 | 557859 | 555191 | 557413 | 556821 | 0.26 | cps |
| Rhodium | 103-1 | 11034331 | 10446924 | 10398465 | 10626574 | 3.33 | cps |
| Rhodium | 103-2 | 6232247 | 6317586 | 6248231 | 6266021 | 0.72 | cps |
| Scandium | 45-1 | 6397293 | 6069155 | 6009427 | 6158625 | 3.39 | cps |
| Scandium | 45-2 | 489078 | 487824 | 488463 | 488455 | 0.13 | cps |
| Selenium | 82-1 | 182 | 293 | 221 | 232 | 24.29 | cps |
| Selenium | 77-2 | 47 | 60 | 60 | 56 | 13.85 | cps |
| Selenium | 78-2 | 483 | 503 | 517 | 501 | 3.35 | cps |
| Silicon | 28-1 | 12630523 | 12643429 | 12386228 | 12553393 | 1.15 | cps |
| Silver | 107-1 | 18959 | 18479 | 19306 | 18915 | 2.20 | cps |
| Silver | 109-1 | 18308 | 18462 | 18388 | 18386 | 0.42 | cps |
| Sodium | 23-2 | 151039 | 151934 | 157486 | 153486 | 2.28 | cps |
| Strontium | 86-1 | 282668 | 286890 | 287473 | 285677 | 0.92 | cps |
| Strontium | 88-1 | 2564545 | 2580364 | 2594824 | 2579911 | 0.59 | cps |
| Sulfur | 34-1 | 204908 | 204432 | 204914 | 204751 | 0.13 | cps |
| Terbium | 159-1 | 15538155 | 14693828 | 14628954 | 14953646 | 3.39 | cps |
| Terbium | 159-2 | 10179631 | 10114926 | 10141833 | 10145463 | 0.32 | cps |
| Thallium | 203-1 | 8022 | 8066 | 8133 | 8074 | 0.69 | cps |
| Thallium | 205-1 | 19073 | 19634 | 19391 | 19366 | 1.45 | cps |
| Tin | 118-1 | 44164 | 44167 | 44499 | 44277 | 0.43 | cps |
| Titanium | 47-1 | 522390 | 531165 | 529941 | 527832 | 0.90 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2914 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:36:07 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20169 | 20436 | 20746 | 20450 | 1.41 | cps |
| Vanadium | 51-2 | 240567 | 240384 | 238325 | 239759 | 0.52 | cps |
| Yttrium | 89-1 | 14447843 | 13676889 | 13608110 | 13910947 | 3.35 | cps |
| Yttrium | 89-2 | 3483248 | 3469962 | 3435581 | 3462931 | 0.71 | cps |
| Zinc | 66-2 | 709259 | 706014 | 704820 | 706698 | 0.33 | cps |
| Zirconium | 90-1 | 43210 | 44547 | 44912 | 44223 | 2.03 | cps |
| Zirconium | 91-1 | 9880 | 10063 | 9863 | 9936 | 1.12 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:39:13 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2646127 | 2625768 | 2629595 | 2633830 | 0.41 | cps |
| Antimony | 121-1 | 307917 | 309448 | 307983 | 308449 | 0.28 | cps |
| Arsenic | 75-2 | 4641 | 4421 | 4227 | 4430 | 4.67 | cps |
| Barium | 135-1 | 489884 | 492113 | 491087 | 491028 | 0.23 | cps |
| Barium | 137-1 | 846157 | 855418 | 851458 | 851011 | 0.55 | cps |
| Beryllium | 9-1 | 1150 | 1243 | 1267 | 1220 | 5.06 | cps |
| Bismuth | 209-1 | 8821124 | 8764890 | 8894612 | 8826876 | 0.74 | cps |
| Bismuth | 209-2 | 7388572 | 7391631 | 7252940 | 7344381 | 1.08 | cps |
| Bromine | 81-1 | 16916 | 17357 | 17691 | 17321 | 2.24 | cps |
| Bromine | 81-2 | 703 | 693 | 703 | 700 | 0.82 | cps |
| Cadmium | 108-1 | 397 | 570 | 417 | 461 | 20.57 | cps |
| Cadmium | 106-1 | 3917 | 3924 | 3590 | 3811 | 5.00 | cps |
| Cadmium | 111-1 | 7555 | 7739 | 7456 | 7583 | 1.89 | cps |
| Calcium | 43-1 | 2039492 | 2076571 | 2059524 | 2058529 | 0.90 | cps |
| Calcium | 44-1 | 32877905 | 33100881 | 32805637 | 32928141 | 0.47 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1250629 | 1255004 | 1252965 | 1252866 | 0.17 | cps |
| Cobalt | 59-2 | 38483 | 38429 | 38579 | 38497 | 0.20 | cps |
| Copper | 63-2 | 2095724 | 2107968 | 2107889 | 2103860 | 0.33 | cps |
| Dysprosium | 156-1 | 12002 | 11451 | 11218 | 11557 | 3.48 | cps |
| Dysprosium | 156-2 | 9513 | 9430 | 9443 | 9462 | 0.47 | cps |
| Erbium | 164-1 | 11678 | 11595 | 11782 | 11685 | 0.80 | cps |
| Erbium | 164-2 | 8266 | 8469 | 8399 | 8378 | 1.23 | cps |
| Gadolinium | 160-1 | 11054 | 11318 | 10898 | 11090 | 1.92 | cps |
| Gadolinium | 160-2 | 8463 | 8763 | 8479 | 8568 | 1.97 | cps |
| Holmium | 165-1 | 14556678 | 14578429 | 14514568 | 14549892 | 0.22 | cps |
| Holmium | 165-2 | 10280809 | 10134138 | 10219827 | 10211591 | 0.72 | cps |
| Indium | 115-1 | 11678343 | 11583016 | 11287105 | 11516154 | 1.77 | cps |
| Indium | 115-2 | 4024449 | 4029343 | 4008191 | 4020661 | 0.28 | cps |
| Iron | 56-2 | 452799567 | 452697673 | 455542913 | 453680051 | 0.36 | cps |
| Iron | 57-2 | 11317197 | 11298582 | 11202760 | 11272846 | 0.54 | cps |
| Iron | 54-2 | 24588484 | 24489781 | 24434739 | 24504335 | 0.32 | cps |
| Krypton | 83-1 | 233 | 270 | 203 | 236 | 14.17 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:39:13 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3612565 | 3693781 | 3640911 | 3649085 | 1.13 | cps |
| Lead | 207-1 | 3057490 | 3084732 | 3096234 | 3079485 | 0.65 | cps |
| Lead | 208-1 | 14100543 | 14249652 | 14322901 | 14224365 | 0.80 | cps |
| Lithium | 6-1 | 1676237 | 1663927 | 1699519 | 1679894 | 1.08 | cps |
| Magnesium | 24-2 | 4285142 | 4274640 | 4232075 | 4263952 | 0.66 | cps |
| Manganese | 55-2 | 32712495 | 32540905 | 32631660 | 32628353 | 0.26 | cps |
| Molybdenum | 94-1 | 38464 | 39085 | 38604 | 38718 | 0.84 | cps |
| Molybdenum | 95-1 | 35179 | 35797 | 36315 | 35764 | 1.59 | cps |
| Molybdenum | 96-1 | 45357 | 45952 | 45992 | 45767 | 0.78 | cps |
| Molybdenum | 97-1 | 21766 | 21439 | 21466 | 21557 | 0.84 | cps |
| Molybdenum | 98-1 | 55977 | 55953 | 56181 | 56037 | 0.22 | cps |
| Neodymium | 150-1 | 17247 | 17504 | 17441 | 17398 | 0.77 | cps |
| Neodymium | 150-2 | 10080 | 10517 | 10724 | 10441 | 3.15 | cps |
| Nickel | 60-2 | 142623 | 143044 | 142627 | 142765 | 0.17 | cps |
| Phosphorus | 31-2 | 7639 | 7655 | 7872 | 7722 | 1.69 | cps |
| Potassium | 39-2 | 431308 | 433690 | 433734 | 432910 | 0.32 | cps |
| Rhodium | 103-1 | 10550089 | 10577143 | 10446960 | 10524731 | 0.65 | cps |
| Rhodium | 103-2 | 6237774 | 6168647 | 6225966 | 6210795 | 0.60 | cps |
| Scandium | 45-1 | 6026034 | 6053151 | 6008040 | 6029075 | 0.38 | cps |
| Scandium | 45-2 | 486326 | 487052 | 489489 | 487622 | 0.34 | cps |
| Selenium | 82-1 | 235 | 220 | 270 | 241 | 10.52 | cps |
| Selenium | 77-2 | 47 | 30 | 50 | 42 | 25.38 | cps |
| Selenium | 78-2 | 473 | 440 | 437 | 450 | 4.51 | cps |
| Silicon | 28-1 | 13240342 | 13380955 | 13435576 | 13352291 | 0.75 | cps |
| Silver | 107-1 | 14494 | 14384 | 14357 | 14412 | 0.50 | cps |
| Silver | 109-1 | 13563 | 13540 | 13450 | 13518 | 0.44 | cps |
| Sodium | 23-2 | 144396 | 143420 | 143495 | 143770 | 0.38 | cps |
| Strontium | 86-1 | 255936 | 257573 | 257026 | 256845 | 0.32 | cps |
| Strontium | 88-1 | 2277508 | 2328554 | 2270060 | 2292041 | 1.39 | cps |
| Sulfur | 34-1 | 199808 | 199271 | 200011 | 199697 | 0.19 | cps |
| Terbium | 159-1 | 14698129 | 14854635 | 14992120 | 14848294 | 0.99 | cps |
| Terbium | 159-2 | 10222856 | 10157437 | 9919814 | 10100036 | 1.58 | cps |
| Thallium | 203-1 | 8236 | 8783 | 8536 | 8518 | 3.22 | cps |
| Thallium | 205-1 | 19825 | 20115 | 20122 | 20020 | 0.85 | cps |
| Tin | 118-1 | 34762 | 35460 | 35079 | 35100 | 1.00 | cps |
| Titanium | 47-1 | 551960 | 556338 | 555816 | 554705 | 0.43 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-12DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2915 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:39:13 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20800 | 21735 | 21631 | 21388 | 2.40 | cps |
| Vanadium | 51-2 | 258935 | 259134 | 259012 | 259027 | 0.04 | cps |
| Yttrium | 89-1 | 13774929 | 13506516 | 13442531 | 13574659 | 1.30 | cps |
| Yttrium | 89-2 | 3505223 | 3482270 | 3490780 | 3492758 | 0.33 | cps |
| Zinc | 66-2 | 530936 | 529782 | 524887 | 528535 | 0.61 | cps |
| Zirconium | 90-1 | 50252 | 51256 | 50292 | 50600 | 1.12 | cps |
| Zirconium | 91-1 | 10974 | 11374 | 11171 | 11173 | 1.79 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:42:15 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1810735 | 1823123 | 1791694 | 1808518 | 0.88 | cps |
| Antimony | 121-1 | 9823 | 9773 | 10097 | 9898 | 1.76 | cps |
| Arsenic | 75-2 | 4621 | 4491 | 4624 | 4579 | 1.66 | cps |
| Barium | 135-1 | 280346 | 283377 | 285810 | 283177 | 0.97 | cps |
| Barium | 137-1 | 489244 | 492801 | 497529 | 493191 | 0.84 | cps |
| Beryllium | 9-1 | 1013 | 1020 | 983 | 1006 | 1.94 | cps |
| Bismuth | 209-1 | 8939128 | 8852779 | 8788221 | 8860043 | 0.85 | cps |
| Bismuth | 209-2 | 7287384 | 7330215 | 7169734 | 7262444 | 1.14 | cps |
| Bromine | 81-1 | 16489 | 16603 | 16816 | 16636 | 1.00 | cps |
| Bromine | 81-2 | 603 | 723 | 680 | 669 | 9.09 | cps |
| Cadmium | 108-1 | 507 | 583 | 673 | 588 | 14.19 | cps |
| Cadmium | 106-1 | 4231 | 3964 | 3847 | 4014 | 4.90 | cps |
| Cadmium | 111-1 | 9875 | 9668 | 9677 | 9740 | 1.20 | cps |
| Calcium | 43-1 | 2038290 | 2093929 | 2055053 | 2062424 | 1.38 | cps |
| Calcium | 44-1 | 32452903 | 33193491 | 33084402 | 32910265 | 1.21 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1069678 | 1072338 | 1056798 | 1066271 | 0.78 | cps |
| Cobalt | 59-2 | 64712 | 63942 | 62844 | 63833 | 1.47 | cps |
| Copper | 63-2 | 203173 | 203365 | 203385 | 203308 | 0.06 | cps |
| Dysprosium | 156-1 | 23924 | 24077 | 24221 | 24074 | 0.62 | cps |
| Dysprosium | 156-2 | 19243 | 19026 | 19273 | 19181 | 0.70 | cps |
| Erbium | 164-1 | 20752 | 21356 | 21330 | 21146 | 1.61 | cps |
| Erbium | 164-2 | 14981 | 15539 | 15055 | 15192 | 1.99 | cps |
| Gadolinium | 160-1 | 23430 | 23349 | 23820 | 23533 | 1.07 | cps |
| Gadolinium | 160-2 | 17858 | 18052 | 17571 | 17827 | 1.36 | cps |
| Holmium | 165-1 | 14786635 | 14368031 | 14453471 | 14536046 | 1.52 | cps |
| Holmium | 165-2 | 10093306 | 10230559 | 9937980 | 10087282 | 1.45 | cps |
| Indium | 115-1 | 11885622 | 11309400 | 11335828 | 11510283 | 2.83 | cps |
| Indium | 115-2 | 3990287 | 4024532 | 3930938 | 3981919 | 1.19 | cps |
| Iron | 56-2 | 343027995 | 343022608 | 344109022 | 343386542 | 0.18 | cps |
| Iron | 57-2 | 8417891 | 8410944 | 8400410 | 8409748 | 0.10 | cps |
| Iron | 54-2 | 18418242 | 18496908 | 18478622 | 18464591 | 0.22 | cps |
| Krypton | 83-1 | 233 | 257 | 237 | 242 | 5.21 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:42:15 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2821711 | 2841647 | 2806270 | 2823209 | 0.63 | cps |
| Lead | 207-1 | 2364389 | 2399313 | 2363625 | 2375775 | 0.86 | cps |
| Lead | 208-1 | 10854475 | 11142499 | 10961077 | 10986017 | 1.33 | cps |
| Lithium | 6-1 | 1746971 | 1673409 | 1695673 | 1705351 | 2.21 | cps |
| Magnesium | 24-2 | 6885829 | 6924829 | 6898308 | 6902989 | 0.29 | cps |
| Manganese | 55-2 | 18457870 | 18581856 | 18604871 | 18548199 | 0.43 | cps |
| Molybdenum | 94-1 | 30438 | 30388 | 30823 | 30550 | 0.78 | cps |
| Molybdenum | 95-1 | 29393 | 30482 | 30562 | 30146 | 2.17 | cps |
| Molybdenum | 96-1 | 37769 | 38885 | 38477 | 38377 | 1.47 | cps |
| Molybdenum | 97-1 | 18689 | 18755 | 18662 | 18702 | 0.26 | cps |
| Molybdenum | 98-1 | 47637 | 48313 | 49033 | 48328 | 1.44 | cps |
| Neodymium | 150-1 | 37757 | 38041 | 37577 | 37792 | 0.62 | cps |
| Neodymium | 150-2 | 22535 | 22588 | 22772 | 22632 | 0.55 | cps |
| Nickel | 60-2 | 153725 | 154015 | 154247 | 153996 | 0.17 | cps |
| Phosphorus | 31-2 | 8913 | 9193 | 8953 | 9019 | 1.68 | cps |
| Potassium | 39-2 | 641182 | 646300 | 641543 | 643009 | 0.44 | cps |
| Rhodium | 103-1 | 10637551 | 10354655 | 10281335 | 10424514 | 1.80 | cps |
| Rhodium | 103-2 | 6109011 | 6170752 | 6123538 | 6134434 | 0.53 | cps |
| Scandium | 45-1 | 6118793 | 6004523 | 5929618 | 6017644 | 1.58 | cps |
| Scandium | 45-2 | 484167 | 480592 | 477786 | 480848 | 0.67 | cps |
| Selenium | 82-1 | 195 | 187 | 199 | 194 | 3.32 | cps |
| Selenium | 77-2 | 50 | 63 | 77 | 63 | 21.06 | cps |
| Selenium | 78-2 | 410 | 400 | 373 | 394 | 4.81 | cps |
| Silicon | 28-1 | 12660494 | 12903656 | 12761457 | 12775202 | 0.96 | cps |
| Silver | 107-1 | 15271 | 15862 | 15385 | 15506 | 2.02 | cps |
| Silver | 109-1 | 14698 | 14681 | 15008 | 14795 | 1.24 | cps |
| Sodium | 23-2 | 131694 | 133032 | 133076 | 132601 | 0.59 | cps |
| Strontium | 86-1 | 290551 | 296230 | 298300 | 295027 | 1.36 | cps |
| Strontium | 88-1 | 2595612 | 2675059 | 2668080 | 2646251 | 1.66 | cps |
| Sulfur | 34-1 | 202557 | 203922 | 204503 | 203661 | 0.49 | cps |
| Terbium | 159-1 | 15239169 | 14580828 | 14754929 | 14858309 | 2.30 | cps |
| Terbium | 159-2 | 10176702 | 9975675 | 9918405 | 10023594 | 1.35 | cps |
| Thallium | 203-1 | 4487 | 4908 | 4628 | 4674 | 4.58 | cps |
| Thallium | 205-1 | 10564 | 10998 | 11011 | 10858 | 2.34 | cps |
| Tin | 118-1 | 34187 | 34368 | 34959 | 34505 | 1.17 | cps |
| Titanium | 47-1 | 463575 | 475977 | 473979 | 471177 | 1.41 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2919 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:42:15 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 24466 | 24887 | 24673 | 24675 | 0.85 | cps |
| Vanadium | 51-2 | 257036 | 258863 | 257901 | 257933 | 0.35 | cps |
| Yttrium | 89-1 | 13963461 | 13537425 | 13716959 | 13739282 | 1.56 | cps |
| Yttrium | 89-2 | 3424268 | 3429745 | 3406042 | 3420018 | 0.36 | cps |
| Zinc | 66-2 | 618158 | 617878 | 615405 | 617147 | 0.25 | cps |
| Zirconium | 90-1 | 35199 | 36388 | 35707 | 35765 | 1.67 | cps |
| Zirconium | 91-1 | 8122 | 8206 | 8219 | 8182 | 0.64 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:45:23 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1952549 | 1882307 | 1919648 | 1918168 | 1.83 | cps |
| Antimony | 121-1 | 14851 | 14968 | 14851 | 14890 | 0.45 | cps |
| Arsenic | 75-2 | 6351 | 6138 | 6375 | 6288 | 2.08 | cps |
| Barium | 135-1 | 305878 | 305460 | 307322 | 306220 | 0.32 | cps |
| Barium | 137-1 | 525685 | 526222 | 531462 | 527790 | 0.60 | cps |
| Beryllium | 9-1 | 1297 | 1320 | 1207 | 1275 | 4.70 | cps |
| Bismuth | 209-1 | 8715837 | 8774173 | 8664452 | 8718154 | 0.63 | cps |
| Bismuth | 209-2 | 7369050 | 7328571 | 7369238 | 7355620 | 0.32 | cps |
| Bromine | 81-1 | 16876 | 16983 | 17197 | 17019 | 0.96 | cps |
| Bromine | 81-2 | 583 | 567 | 593 | 581 | 2.32 | cps |
| Cadmium | 108-1 | 987 | 907 | 853 | 916 | 7.33 | cps |
| Cadmium | 106-1 | 4567 | 4704 | 4571 | 4614 | 1.69 | cps |
| Cadmium | 111-1 | 13217 | 13546 | 13663 | 13475 | 1.72 | cps |
| Calcium | 43-1 | 1949947 | 1964860 | 1993227 | 1969345 | 1.12 | cps |
| Calcium | 44-1 | 31533239 | 31350445 | 31951489 | 31611724 | 0.97 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1614156 | 1611989 | 1603750 | 1609965 | 0.34 | cps |
| Cobalt | 59-2 | 64538 | 64474 | 64551 | 64521 | 0.06 | cps |
| Copper | 63-2 | 295325 | 297083 | 295669 | 296026 | 0.31 | cps |
| Dysprosium | 156-1 | 19514 | 19574 | 19767 | 19618 | 0.68 | cps |
| Dysprosium | 156-2 | 15529 | 15562 | 15392 | 15494 | 0.58 | cps |
| Erbium | 164-1 | 17531 | 17655 | 17882 | 17689 | 1.00 | cps |
| Erbium | 164-2 | 12429 | 12569 | 12456 | 12485 | 0.60 | cps |
| Gadolinium | 160-1 | 18486 | 18526 | 18879 | 18630 | 1.16 | cps |
| Gadolinium | 160-2 | 14594 | 14581 | 14331 | 14502 | 1.02 | cps |
| Holmium | 165-1 | 14456178 | 14369308 | 14237506 | 14354331 | 0.77 | cps |
| Holmium | 165-2 | 10235783 | 10388668 | 10423572 | 10349341 | 0.97 | cps |
| Indium | 115-1 | 11447246 | 11557527 | 11500166 | 11501647 | 0.48 | cps |
| Indium | 115-2 | 4079704 | 4096027 | 3998722 | 4058151 | 1.28 | cps |
| Iron | 56-2 | 575385525 | 568809685 | 566935485 | 570376898 | 0.78 | cps |
| Iron | 57-2 | 14078498 | 13968338 | 14074879 | 14040572 | 0.45 | cps |
| Iron | 54-2 | 30780858 | 30881051 | 30927770 | 30863226 | 0.24 | cps |
| Krypton | 83-1 | 270 | 237 | 257 | 254 | 6.59 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:45:23 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5169046 | 5137670 | 5157828 | 5154848 | 0.31 | cps |
| Lead | 207-1 | 4288100 | 4320527 | 4310704 | 4306444 | 0.39 | cps |
| Lead | 208-1 | 19981525 | 19981052 | 20023285 | 19995287 | 0.12 | cps |
| Lithium | 6-1 | 1660606 | 1675487 | 1690573 | 1675555 | 0.89 | cps |
| Magnesium | 24-2 | 5002679 | 5041028 | 5044672 | 5029459 | 0.46 | cps |
| Manganese | 55-2 | 26478360 | 26362469 | 26394631 | 26411820 | 0.23 | cps |
| Molybdenum | 94-1 | 41696 | 41291 | 41870 | 41619 | 0.71 | cps |
| Molybdenum | 95-1 | 43752 | 44300 | 44056 | 44036 | 0.62 | cps |
| Molybdenum | 96-1 | 56602 | 56428 | 57325 | 56785 | 0.84 | cps |
| Molybdenum | 97-1 | 26805 | 27179 | 27503 | 27162 | 1.29 | cps |
| Molybdenum | 98-1 | 70271 | 71715 | 71102 | 71029 | 1.02 | cps |
| Neodymium | 150-1 | 28666 | 29665 | 29137 | 29156 | 1.71 | cps |
| Neodymium | 150-2 | 17314 | 17191 | 17514 | 17340 | 0.94 | cps |
| Nickel | 60-2 | 236770 | 234011 | 232988 | 234590 | 0.83 | cps |
| Phosphorus | 31-2 | 10357 | 10394 | 10073 | 10275 | 1.71 | cps |
| Potassium | 39-2 | 529307 | 525713 | 531982 | 529001 | 0.59 | cps |
| Rhodium | 103-1 | 10445433 | 10474312 | 10462855 | 10460867 | 0.14 | cps |
| Rhodium | 103-2 | 6260424 | 6284022 | 6244739 | 6263062 | 0.32 | cps |
| Scandium | 45-1 | 6080829 | 6013996 | 6037596 | 6044140 | 0.56 | cps |
| Scandium | 45-2 | 490819 | 493467 | 491717 | 492001 | 0.27 | cps |
| Selenium | 82-1 | 178 | 236 | 214 | 209 | 13.98 | cps |
| Selenium | 77-2 | 83 | 80 | 70 | 78 | 8.92 | cps |
| Selenium | 78-2 | 423 | 477 | 423 | 441 | 6.98 | cps |
| Silicon | 28-1 | 12418824 | 12574183 | 12803119 | 12598709 | 1.53 | cps |
| Silver | 107-1 | 30435 | 30008 | 29847 | 30097 | 1.01 | cps |
| Silver | 109-1 | 28805 | 28916 | 29186 | 28969 | 0.68 | cps |
| Sodium | 23-2 | 163699 | 162012 | 161965 | 162559 | 0.61 | cps |
| Strontium | 86-1 | 318836 | 325372 | 320884 | 321698 | 1.04 | cps |
| Strontium | 88-1 | 2930592 | 2925023 | 2898435 | 2918017 | 0.59 | cps |
| Sulfur | 34-1 | 206445 | 206992 | 205708 | 206382 | 0.31 | cps |
| Terbium | 159-1 | 14799393 | 14599643 | 14706184 | 14701740 | 0.68 | cps |
| Terbium | 159-2 | 10086234 | 10257424 | 10079606 | 10141088 | 0.99 | cps |
| Thallium | 203-1 | 7659 | 7856 | 7809 | 7775 | 1.32 | cps |
| Thallium | 205-1 | 18573 | 18813 | 19020 | 18802 | 1.19 | cps |
| Tin | 118-1 | 64192 | 64647 | 64554 | 64464 | 0.37 | cps |
| Titanium | 47-1 | 551510 | 556349 | 563362 | 557074 | 1.07 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5335-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2920 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 21:45:23 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 27632 | 28487 | 27268 | 27796 | 2.25 | cps |
| Vanadium | 51-2 | 347452 | 343703 | 343722 | 344959 | 0.63 | cps |
| Yttrium | 89-1 | 13733081 | 13780244 | 13858966 | 13790764 | 0.46 | cps |
| Yttrium | 89-2 | 3505272 | 3549728 | 3479091 | 3511364 | 1.02 | cps |
| Zinc | 66-2 | 1227519 | 1233684 | 1227234 | 1229479 | 0.30 | cps |
| Zirconium | 90-1 | 44517 | 45871 | 46309 | 45566 | 2.05 | cps |
| Zirconium | 91-1 | 10287 | 10250 | 10050 | 10196 | 1.25 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:48:27 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3924708 | 3921099 | 3929338 | 3925048 | 0.11 | cps |
| Antimony | 121-1 | 1992983 | 2033187 | 2048071 | 2024747 | 1.41 | cps |
| Arsenic | 75-2 | 295407 | 292403 | 292814 | 293541 | 0.55 | cps |
| Barium | 135-1 | 1335807 | 1362481 | 1370245 | 1356178 | 1.33 | cps |
| Barium | 137-1 | 2448275 | 2493087 | 2526786 | 2489383 | 1.58 | cps |
| Beryllium | 9-1 | 630 | 640 | 603 | 624 | 3.04 | cps |
| Bismuth | 209-1 | 9248228 | 9032054 | 9061482 | 9113922 | 1.29 | cps |
| Bismuth | 209-2 | 7605329 | 7610553 | 7625308 | 7613730 | 0.14 | cps |
| Bromine | 81-1 | 70534 | 77351 | 80581 | 76156 | 6.73 | cps |
| Bromine | 81-2 | 11872 | 12482 | 11972 | 12108 | 2.70 | cps |
| Cadmium | 108-1 | 1443 | 1437 | 1487 | 1456 | 1.87 | cps |
| Cadmium | 106-1 | 5474 | 5775 | 5544 | 5598 | 2.81 | cps |
| Cadmium | 111-1 | 15728 | 15929 | 15823 | 15826 | 0.64 | cps |
| Calcium | 43-1 | 389117 | 399418 | 399208 | 395914 | 1.49 | cps |
| Calcium | 44-1 | 5943142 | 6058432 | 6087691 | 6029755 | 1.27 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 337200 | 337816 | 337164 | 337394 | 0.11 | cps |
| Cobalt | 59-2 | 684818 | 682115 | 681656 | 682863 | 0.25 | cps |
| Copper | 63-2 | 15146596 | 14963766 | 14705246 | 14938536 | 1.48 | cps |
| Dysprosium | 156-1 | 27594 | 28068 | 28592 | 28085 | 1.78 | cps |
| Dysprosium | 156-2 | 23109 | 22451 | 23193 | 22918 | 1.77 | cps |
| Erbium | 164-1 | 26482 | 26298 | 26378 | 26386 | 0.35 | cps |
| Erbium | 164-2 | 19210 | 19704 | 19410 | 19441 | 1.28 | cps |
| Gadolinium | 160-1 | 27617 | 28152 | 28729 | 28166 | 1.97 | cps |
| Gadolinium | 160-2 | 21510 | 20939 | 21590 | 21346 | 1.66 | cps |
| Holmium | 165-1 | 15323583 | 14858007 | 14962396 | 15047995 | 1.62 | cps |
| Holmium | 165-2 | 10453291 | 10502683 | 10536082 | 10497352 | 0.40 | cps |
| Indium | 115-1 | 12640039 | 12382274 | 12338185 | 12453499 | 1.31 | cps |
| Indium | 115-2 | 4402393 | 4339522 | 4342403 | 4361439 | 0.81 | cps |
| Iron | 56-2 | 375159208 | 374945528 | 369724381 | 373276372 | 0.82 | cps |
| Iron | 57-2 | 9193392 | 9164150 | 9112904 | 9156816 | 0.44 | cps |
| Iron | 54-2 | 19997686 | 20140612 | 20018634 | 20052311 | 0.38 | cps |
| Krypton | 83-1 | 200 | 297 | 233 | 243 | 20.18 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:48:27 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10866165 | 11040880 | 11011824 | 10972957 | 0.85 | cps |
| Lead | 207-1 | 9605221 | 9694840 | 9828281 | 9709447 | 1.16 | cps |
| Lead | 208-1 | 43699995 | 44357043 | 44514132 | 44190390 | 0.98 | cps |
| Lithium | 6-1 | 1730932 | 1694708 | 1748128 | 1724590 | 1.58 | cps |
| Magnesium | 24-2 | 3974313 | 4008355 | 3955562 | 3979410 | 0.67 | cps |
| Manganese | 55-2 | 2485405 | 2516669 | 2488763 | 2496946 | 0.69 | cps |
| Molybdenum | 94-1 | 116704 | 121139 | 122786 | 120209 | 2.62 | cps |
| Molybdenum | 95-1 | 87114 | 87526 | 87885 | 87508 | 0.44 | cps |
| Molybdenum | 96-1 | 109607 | 111558 | 111397 | 110854 | 0.98 | cps |
| Molybdenum | 97-1 | 53230 | 55444 | 55046 | 54573 | 2.16 | cps |
| Molybdenum | 98-1 | 137739 | 143476 | 144985 | 142067 | 2.69 | cps |
| Neodymium | 150-1 | 43520 | 43604 | 44460 | 43861 | 1.19 | cps |
| Neodymium | 150-2 | 26158 | 25887 | 26111 | 26052 | 0.55 | cps |
| Nickel | 60-2 | 176002 | 174485 | 174326 | 174938 | 0.53 | cps |
| Phosphorus | 31-2 | 13743 | 13056 | 13826 | 13542 | 3.12 | cps |
| Potassium | 39-2 | 2046267 | 2018665 | 2022593 | 2029175 | 0.74 | cps |
| Rhodium | 103-1 | 11218747 | 10898094 | 10995908 | 11037583 | 1.49 | cps |
| Rhodium | 103-2 | 6565093 | 6579919 | 6455297 | 6533436 | 1.04 | cps |
| Scandium | 45-1 | 6475253 | 6473627 | 6536718 | 6495199 | 0.55 | cps |
| Scandium | 45-2 | 532214 | 530041 | 529293 | 530516 | 0.29 | cps |
| Selenium | 82-1 | 670 | 665 | 649 | 662 | 1.65 | cps |
| Selenium | 77-2 | 130 | 127 | 180 | 146 | 20.52 | cps |
| Selenium | 78-2 | 737 | 597 | 597 | 643 | 12.56 | cps |
| Silicon | 28-1 | 36478657 | 37193132 | 37437631 | 37036473 | 1.35 | cps |
| Silver | 107-1 | 105094 | 109186 | 107847 | 107376 | 1.94 | cps |
| Silver | 109-1 | 100865 | 104168 | 104211 | 103081 | 1.86 | cps |
| Sodium | 23-2 | 10851027 | 10757230 | 10918695 | 10842317 | 0.75 | cps |
| Strontium | 86-1 | 542313 | 563168 | 557425 | 554302 | 1.94 | cps |
| Strontium | 88-1 | 4908533 | 4967866 | 4993112 | 4956504 | 0.88 | cps |
| Sulfur | 34-1 | 601283 | 615597 | 613418 | 610099 | 1.26 | cps |
| Terbium | 159-1 | 15617206 | 15064693 | 15122339 | 15268079 | 1.99 | cps |
| Terbium | 159-2 | 10356548 | 10437139 | 10334447 | 10376045 | 0.52 | cps |
| Thallium | 203-1 | 3934 | 4147 | 4321 | 4134 | 4.69 | cps |
| Thallium | 205-1 | 9623 | 10050 | 9834 | 9836 | 2.17 | cps |
| Tin | 118-1 | 894221 | 903324 | 908237 | 901927 | 0.79 | cps |
| Titanium | 47-1 | 1076131 | 1113372 | 1119564 | 1103022 | 2.13 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:48:27 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 131961 | 133704 | 131927 | 132531 | 0.77 | cps |
| Vanadium | 51-2 | 232611 | 232638 | 232114 | 232455 | 0.13 | cps |
| Yttrium | 89-1 | 14536395 | 14481946 | 14310988 | 14443110 | 0.81 | cps |
| Yttrium | 89-2 | 3719481 | 3717459 | 3701760 | 3712900 | 0.26 | cps |
| Zinc | 66-2 | 5243573 | 5249628 | 5240923 | 5244708 | 0.09 | cps |
| Zirconium | 90-1 | 185911 | 192181 | 189982 | 189358 | 1.68 | cps |
| Zirconium | 91-1 | 40787 | 43324 | 43020 | 42377 | 3.27 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:51:29 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3776666 | 3669247 | 3729003 | 3724972 | 1.44 | cps |
| Antimony | 121-1 | 1967748 | 1979528 | 1974243 | 1973840 | 0.30 | cps |
| Arsenic | 75-2 | 281928 | 283102 | 278590 | 281207 | 0.83 | cps |
| Barium | 135-1 | 1319644 | 1331669 | 1322910 | 1324741 | 0.47 | cps |
| Barium | 137-1 | 2451151 | 2366298 | 2416929 | 2411459 | 1.77 | cps |
| Beryllium | 9-1 | 687 | 627 | 527 | 613 | 13.18 | cps |
| Bismuth | 209-1 | 9143169 | 8959899 | 9002064 | 9035044 | 1.06 | cps |
| Bismuth | 209-2 | 7526556 | 7450300 | 7466846 | 7481234 | 0.54 | cps |
| Bromine | 81-1 | 74309 | 79318 | 80806 | 78144 | 4.36 | cps |
| Bromine | 81-2 | 12275 | 12002 | 12439 | 12238 | 1.80 | cps |
| Cadmium | 108-1 | 1470 | 1547 | 1353 | 1457 | 6.68 | cps |
| Cadmium | 106-1 | 5468 | 5221 | 5121 | 5270 | 3.39 | cps |
| Cadmium | 111-1 | 15321 | 15361 | 15657 | 15446 | 1.19 | cps |
| Calcium | 43-1 | 386791 | 386190 | 385569 | 386183 | 0.16 | cps |
| Calcium | 44-1 | 5838792 | 5917450 | 5854907 | 5870383 | 0.71 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 321741 | 322886 | 319012 | 321213 | 0.62 | cps |
| Cobalt | 59-2 | 651629 | 645617 | 648947 | 648731 | 0.46 | cps |
| Copper | 63-2 | 14281059 | 14362534 | 14277469 | 14307020 | 0.34 | cps |
| Dysprosium | 156-1 | 28155 | 27958 | 27590 | 27901 | 1.03 | cps |
| Dysprosium | 156-2 | 22238 | 21830 | 22114 | 22061 | 0.95 | cps |
| Erbium | 164-1 | 25857 | 26458 | 26522 | 26279 | 1.40 | cps |
| Erbium | 164-2 | 18372 | 18329 | 18843 | 18515 | 1.54 | cps |
| Gadolinium | 160-1 | 27878 | 27464 | 27136 | 27493 | 1.35 | cps |
| Gadolinium | 160-2 | 20235 | 20191 | 20281 | 20236 | 0.22 | cps |
| Holmium | 165-1 | 14853012 | 14717894 | 14808901 | 14793269 | 0.47 | cps |
| Holmium | 165-2 | 10375915 | 10379117 | 10300063 | 10351698 | 0.43 | cps |
| Indium | 115-1 | 12462397 | 12252259 | 12289163 | 12334606 | 0.91 | cps |
| Indium | 115-2 | 4324473 | 4298060 | 4247775 | 4290103 | 0.91 | cps |
| Iron | 56-2 | 357141808 | 355352381 | 354327648 | 355607279 | 0.40 | cps |
| Iron | 57-2 | 8801072 | 8671699 | 8667436 | 8713402 | 0.87 | cps |
| Iron | 54-2 | 19327295 | 19192888 | 19106113 | 19208765 | 0.58 | cps |
| Krypton | 83-1 | 280 | 277 | 253 | 270 | 5.38 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:51:29 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10842435 | 10668263 | 10837276 | 10782658 | 0.92 | cps |
| Lead | 207-1 | 9553884 | 9432574 | 9509789 | 9498749 | 0.65 | cps |
| Lead | 208-1 | 43545468 | 42792035 | 43217282 | 43184928 | 0.87 | cps |
| Lithium | 6-1 | 1784085 | 1708540 | 1711883 | 1734836 | 2.46 | cps |
| Magnesium | 24-2 | 3832172 | 3778181 | 3801084 | 3803813 | 0.71 | cps |
| Manganese | 55-2 | 2387668 | 2366402 | 2376230 | 2376767 | 0.45 | cps |
| Molybdenum | 94-1 | 117245 | 118535 | 118323 | 118034 | 0.59 | cps |
| Molybdenum | 95-1 | 85230 | 85595 | 84653 | 85159 | 0.56 | cps |
| Molybdenum | 96-1 | 106608 | 108526 | 108310 | 107815 | 0.97 | cps |
| Molybdenum | 97-1 | 52778 | 53792 | 53093 | 53221 | 0.97 | cps |
| Molybdenum | 98-1 | 139371 | 138593 | 138529 | 138831 | 0.34 | cps |
| Neodymium | 150-1 | 42290 | 44048 | 43243 | 43194 | 2.04 | cps |
| Neodymium | 150-2 | 25116 | 25707 | 25039 | 25287 | 1.45 | cps |
| Nickel | 60-2 | 166880 | 167547 | 166452 | 166960 | 0.33 | cps |
| Phosphorus | 31-2 | 12769 | 12775 | 12859 | 12801 | 0.39 | cps |
| Potassium | 39-2 | 1952773 | 1945795 | 1934377 | 1944315 | 0.48 | cps |
| Rhodium | 103-1 | 11096159 | 11006084 | 10891637 | 10997960 | 0.93 | cps |
| Rhodium | 103-2 | 6498107 | 6465771 | 6339377 | 6434418 | 1.30 | cps |
| Scandium | 45-1 | 6520336 | 6345833 | 6373833 | 6413334 | 1.46 | cps |
| Scandium | 45-2 | 517530 | 519434 | 515899 | 517621 | 0.34 | cps |
| Selenium | 82-1 | 610 | 611 | 637 | 619 | 2.45 | cps |
| Selenium | 77-2 | 130 | 100 | 120 | 117 | 13.09 | cps |
| Selenium | 78-2 | 570 | 623 | 527 | 573 | 8.45 | cps |
| Silicon | 28-1 | 35845145 | 36150452 | 35872509 | 35956035 | 0.47 | cps |
| Silver | 107-1 | 104808 | 106927 | 105556 | 105764 | 1.02 | cps |
| Silver | 109-1 | 100247 | 102247 | 100223 | 100906 | 1.15 | cps |
| Sodium | 23-2 | 10427963 | 10398756 | 10199294 | 10342004 | 1.20 | cps |
| Strontium | 86-1 | 537422 | 542788 | 541014 | 540408 | 0.51 | cps |
| Strontium | 88-1 | 4805685 | 4834169 | 4829522 | 4823126 | 0.32 | cps |
| Sulfur | 34-1 | 586335 | 588521 | 580927 | 585261 | 0.67 | cps |
| Terbium | 159-1 | 15312925 | 15147444 | 14985341 | 15148570 | 1.08 | cps |
| Terbium | 159-2 | 10259772 | 10401444 | 10256654 | 10305957 | 0.80 | cps |
| Thallium | 203-1 | 3957 | 4077 | 3914 | 3983 | 2.12 | cps |
| Thallium | 205-1 | 9273 | 9463 | 9547 | 9428 | 1.49 | cps |
| Tin | 118-1 | 878793 | 886188 | 877475 | 880819 | 0.53 | cps |
| Titanium | 47-1 | 1074358 | 1084597 | 1075893 | 1078283 | 0.51 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:51:29 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 130433 | 133833 | 131735 | 132000 | 1.30 | cps |
| Vanadium | 51-2 | 223599 | 221987 | 222181 | 222589 | 0.40 | cps |
| Yttrium | 89-1 | 14614922 | 14510703 | 14277634 | 14467753 | 1.19 | cps |
| Yttrium | 89-2 | 3653295 | 3668031 | 3605937 | 3642421 | 0.89 | cps |
| Zinc | 66-2 | 5060212 | 5036402 | 5039034 | 5045216 | 0.26 | cps |
| Zirconium | 90-1 | 184723 | 188101 | 185388 | 186071 | 0.96 | cps |
| Zirconium | 91-1 | 41315 | 42856 | 41218 | 41796 | 2.20 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:54:31 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 766356 | 766800 | 766321 | 766492 | 0.03 | cps |
| Antimony | 121-1 | 374338 | 378790 | 380265 | 377797 | 0.82 | cps |
| Arsenic | 75-2 | 57722 | 57276 | 57082 | 57360 | 0.57 | cps |
| Barium | 135-1 | 268016 | 268940 | 266909 | 267955 | 0.38 | cps |
| Barium | 137-1 | 465602 | 469263 | 467554 | 467473 | 0.39 | cps |
| Beryllium | 9-1 | 190 | 120 | 163 | 158 | 22.39 | cps |
| Bismuth | 209-1 | 8712340 | 8690051 | 8824642 | 8742344 | 0.83 | cps |
| Bismuth | 209-2 | 7423641 | 7588575 | 7346886 | 7453034 | 1.66 | cps |
| Bromine | 81-1 | 27990 | 29262 | 28842 | 28698 | 2.26 | cps |
| Bromine | 81-2 | 2837 | 2937 | 2867 | 2880 | 1.78 | cps |
| Cadmium | 108-1 | 383 | 260 | 293 | 312 | 20.43 | cps |
| Cadmium | 106-1 | 3520 | 3540 | 3500 | 3520 | 0.57 | cps |
| Cadmium | 111-1 | 4780 | 4850 | 4899 | 4843 | 1.24 | cps |
| Calcium | 43-1 | 77754 | 78615 | 80076 | 78815 | 1.49 | cps |
| Calcium | 44-1 | 1207394 | 1232184 | 1233723 | 1224434 | 1.21 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 68103 | 68039 | 68830 | 68324 | 0.64 | cps |
| Cobalt | 59-2 | 136732 | 136087 | 133709 | 135509 | 1.18 | cps |
| Copper | 63-2 | 3052650 | 3027141 | 2975584 | 3018458 | 1.30 | cps |
| Dysprosium | 156-1 | 5695 | 5781 | 5588 | 5688 | 1.70 | cps |
| Dysprosium | 156-2 | 4451 | 4814 | 4621 | 4629 | 3.93 | cps |
| Erbium | 164-1 | 5208 | 5404 | 5221 | 5278 | 2.08 | cps |
| Erbium | 164-2 | 3767 | 3781 | 3764 | 3771 | 0.23 | cps |
| Gadolinium | 160-1 | 5785 | 5578 | 5464 | 5609 | 2.89 | cps |
| Gadolinium | 160-2 | 4514 | 4681 | 4474 | 4556 | 2.41 | cps |
| Holmium | 165-1 | 14207101 | 14136777 | 14374036 | 14239305 | 0.86 | cps |
| Holmium | 165-2 | 10245142 | 10296078 | 10223677 | 10254966 | 0.36 | cps |
| Indium | 115-1 | 11807755 | 11720637 | 11884684 | 11804358 | 0.70 | cps |
| Indium | 115-2 | 4179074 | 4151115 | 4139427 | 4156539 | 0.49 | cps |
| Iron | 56-2 | 74256994 | 74165004 | 73872154 | 74098051 | 0.27 | cps |
| Iron | 57-2 | 1841169 | 1817560 | 1825451 | 1828060 | 0.66 | cps |
| Iron | 54-2 | 4010892 | 4015608 | 4022910 | 4016470 | 0.15 | cps |
| Krypton | 83-1 | 207 | 287 | 233 | 242 | 16.82 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:54:31 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2163178 | 2221858 | 2213865 | 2199634 | 1.45 | cps |
| Lead | 207-1 | 1932856 | 1951145 | 1936631 | 1940211 | 0.50 | cps |
| Lead | 208-1 | 8789583 | 8863461 | 8854574 | 8835873 | 0.46 | cps |
| Lithium | 6-1 | 1665438 | 1667698 | 1701544 | 1678227 | 1.21 | cps |
| Magnesium | 24-2 | 778454 | 780253 | 770624 | 776444 | 0.66 | cps |
| Manganese | 55-2 | 485748 | 483905 | 481999 | 483884 | 0.39 | cps |
| Molybdenum | 94-1 | 23332 | 23586 | 23789 | 23569 | 0.97 | cps |
| Molybdenum | 95-1 | 17848 | 17567 | 17647 | 17687 | 0.82 | cps |
| Molybdenum | 96-1 | 22083 | 22033 | 22090 | 22069 | 0.14 | cps |
| Molybdenum | 97-1 | 10944 | 10841 | 11074 | 10953 | 1.07 | cps |
| Molybdenum | 98-1 | 28114 | 27776 | 28050 | 27980 | 0.64 | cps |
| Neodymium | 150-1 | 8696 | 8816 | 8559 | 8691 | 1.48 | cps |
| Neodymium | 150-2 | 5334 | 5178 | 5358 | 5290 | 1.85 | cps |
| Nickel | 60-2 | 36073 | 34947 | 35081 | 35367 | 1.74 | cps |
| Phosphorus | 31-2 | 2940 | 2857 | 2707 | 2835 | 4.17 | cps |
| Potassium | 39-2 | 452626 | 452515 | 451818 | 452320 | 0.10 | cps |
| Rhodium | 103-1 | 10873847 | 10735312 | 10927798 | 10845652 | 0.92 | cps |
| Rhodium | 103-2 | 6398328 | 6470017 | 6389766 | 6419370 | 0.69 | cps |
| Scandium | 45-1 | 6198616 | 6209085 | 6238738 | 6215480 | 0.33 | cps |
| Scandium | 45-2 | 507473 | 513525 | 508611 | 509870 | 0.63 | cps |
| Selenium | 82-1 | 233 | 174 | 222 | 210 | 15.01 | cps |
| Selenium | 77-2 | 27 | 17 | 20 | 21 | 24.12 | cps |
| Selenium | 78-2 | 450 | 453 | 530 | 478 | 9.47 | cps |
| Silicon | 28-1 | 7903329 | 7966456 | 7957484 | 7942423 | 0.43 | cps |
| Silver | 107-1 | 21713 | 21453 | 21282 | 21483 | 1.01 | cps |
| Silver | 109-1 | 21025 | 20708 | 20865 | 20866 | 0.76 | cps |
| Sodium | 23-2 | 2202794 | 2198472 | 2145236 | 2182167 | 1.47 | cps |
| Strontium | 86-1 | 108952 | 110930 | 110860 | 110248 | 1.02 | cps |
| Strontium | 88-1 | 945946 | 960618 | 950730 | 952431 | 0.79 | cps |
| Sulfur | 34-1 | 231592 | 230509 | 229833 | 230645 | 0.38 | cps |
| Terbium | 159-1 | 14857226 | 14623133 | 14668442 | 14716267 | 0.84 | cps |
| Terbium | 159-2 | 10092374 | 10155634 | 10192362 | 10146790 | 0.50 | cps |
| Thallium | 203-1 | 837 | 870 | 857 | 854 | 1.96 | cps |
| Thallium | 205-1 | 2027 | 2060 | 2287 | 2125 | 6.66 | cps |
| Tin | 118-1 | 177991 | 180816 | 179278 | 179362 | 0.79 | cps |
| Titanium | 47-1 | 218494 | 218880 | 218601 | 218658 | 0.09 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-23 21:54:31 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 26353 | 25725 | 26607 | 26228 | 1.73 | cps |
| Vanadium | 51-2 | 45221 | 46123 | 46023 | 45789 | 1.08 | cps |
| Yttrium | 89-1 | 13698440 | 13690632 | 13635189 | 13674753 | 0.25 | cps |
| Yttrium | 89-2 | 3505745 | 3530100 | 3522585 | 3519477 | 0.35 | cps |
| Zinc | 66-2 | 1010220 | 1008029 | 1004985 | 1007745 | 0.26 | cps |
| Zirconium | 90-1 | 36011 | 37027 | 36662 | 36567 | 1.41 | cps |
| Zirconium | 91-1 | 8086 | 8249 | 8212 | 8182 | 1.05 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:57:41 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3809431 | 3903286 | 3858674 | 3857130 | 1.22 | cps |
| Antimony | 121-1 | 2248537 | 2271626 | 2272917 | 2264360 | 0.61 | cps |
| Arsenic | 75-2 | 289833 | 290638 | 291886 | 290786 | 0.36 | cps |
| Barium | 135-1 | 2849537 | 2831480 | 2842314 | 2841110 | 0.32 | cps |
| Barium | 137-1 | 4912989 | 4815650 | 4910447 | 4879695 | 1.14 | cps |
| Beryllium | 9-1 | 16332 | 16332 | 16455 | 16373 | 0.44 | cps |
| Bismuth | 209-1 | 9108601 | 9110932 | 8970097 | 9063210 | 0.89 | cps |
| Bismuth | 209-2 | 7602270 | 7529761 | 7615381 | 7582471 | 0.61 | cps |
| Bromine | 81-1 | 71609 | 76222 | 78165 | 75332 | 4.47 | cps |
| Bromine | 81-2 | 12015 | 12042 | 12075 | 12044 | 0.25 | cps |
| Cadmium | 108-1 | 3477 | 3504 | 3831 | 3604 | 5.46 | cps |
| Cadmium | 106-1 | 8309 | 8279 | 8483 | 8357 | 1.31 | cps |
| Cadmium | 111-1 | 49616 | 49683 | 49991 | 49764 | 0.40 | cps |
| Calcium | 43-1 | 382736 | 388252 | 381096 | 384028 | 0.98 | cps |
| Calcium | 44-1 | 5853367 | 5930728 | 5916599 | 5900231 | 0.70 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 533733 | 528298 | 520851 | 527627 | 1.23 | cps |
| Cobalt | 59-2 | 1530837 | 1517143 | 1485669 | 1511216 | 1.53 | cps |
| Copper | 63-2 | 14860755 | 14775691 | 14771266 | 14802571 | 0.34 | cps |
| Dysprosium | 156-1 | 27567 | 27697 | 27898 | 27721 | 0.60 | cps |
| Dysprosium | 156-2 | 22748 | 22081 | 22872 | 22567 | 1.89 | cps |
| Erbium | 164-1 | 25971 | 26255 | 25947 | 26058 | 0.66 | cps |
| Erbium | 164-2 | 18659 | 19190 | 19040 | 18963 | 1.44 | cps |
| Gadolinium | 160-1 | 27413 | 27975 | 27360 | 27583 | 1.23 | cps |
| Gadolinium | 160-2 | 21119 | 21230 | 21129 | 21159 | 0.29 | cps |
| Holmium | 165-1 | 14749805 | 14872457 | 14806423 | 14809562 | 0.41 | cps |
| Holmium | 165-2 | 10388458 | 10521651 | 10486499 | 10465536 | 0.66 | cps |
| Indium | 115-1 | 12375604 | 12291983 | 12411547 | 12359712 | 0.50 | cps |
| Indium | 115-2 | 4305614 | 4273681 | 4286810 | 4288702 | 0.37 | cps |
| Iron | 56-2 | 364140261 | 358583675 | 355404035 | 359375990 | 1.23 | cps |
| Iron | 57-2 | 8908502 | 8842489 | 8792424 | 8847805 | 0.66 | cps |
| Iron | 54-2 | 19482102 | 19364582 | 19024921 | 19290535 | 1.23 | cps |
| Krypton | 83-1 | 267 | 287 | 257 | 270 | 5.66 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:57:41 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10958892 | 10926618 | 10910283 | 10931931 | 0.23 | cps |
| Lead | 207-1 | 9625223 | 9596322 | 9649464 | 9623670 | 0.28 | cps |
| Lead | 208-1 | 43870732 | 44111384 | 43727255 | 43903124 | 0.44 | cps |
| Lithium | 6-1 | 1704083 | 1743736 | 1729786 | 1725868 | 1.17 | cps |
| Magnesium | 24-2 | 3840488 | 3871901 | 3882832 | 3865074 | 0.57 | cps |
| Manganese | 55-2 | 2838590 | 2805810 | 2765291 | 2803230 | 1.31 | cps |
| Molybdenum | 94-1 | 116999 | 117120 | 119946 | 118022 | 1.41 | cps |
| Molybdenum | 95-1 | 85749 | 86416 | 86453 | 86206 | 0.46 | cps |
| Molybdenum | 96-1 | 107991 | 108761 | 109644 | 108799 | 0.76 | cps |
| Molybdenum | 97-1 | 52668 | 53421 | 54049 | 53379 | 1.30 | cps |
| Molybdenum | 98-1 | 137413 | 138603 | 138301 | 138106 | 0.45 | cps |
| Neodymium | 150-1 | 43179 | 42848 | 43885 | 43304 | 1.22 | cps |
| Neodymium | 150-2 | 25984 | 25797 | 25032 | 25604 | 1.97 | cps |
| Nickel | 60-2 | 374222 | 373038 | 373571 | 373610 | 0.16 | cps |
| Phosphorus | 31-2 | 13009 | 13226 | 13199 | 13145 | 0.90 | cps |
| Potassium | 39-2 | 1942056 | 1969037 | 1977351 | 1962815 | 0.94 | cps |
| Rhodium | 103-1 | 10838389 | 10830388 | 10868531 | 10845769 | 0.19 | cps |
| Rhodium | 103-2 | 6461771 | 6466947 | 6445629 | 6458116 | 0.17 | cps |
| Scandium | 45-1 | 6419071 | 6400166 | 6334286 | 6384507 | 0.70 | cps |
| Scandium | 45-2 | 512168 | 520574 | 515496 | 516079 | 0.82 | cps |
| Selenium | 82-1 | 4803 | 4903 | 4763 | 4823 | 1.50 | cps |
| Selenium | 77-2 | 633 | 577 | 537 | 582 | 8.34 | cps |
| Selenium | 78-2 | 2037 | 2124 | 2097 | 2086 | 2.13 | cps |
| Silicon | 28-1 | 35897918 | 35990469 | 35832084 | 35906824 | 0.22 | cps |
| Silver | 107-1 | 275326 | 276340 | 274703 | 275456 | 0.30 | cps |
| Silver | 109-1 | 260193 | 262120 | 265201 | 262505 | 0.96 | cps |
| Sodium | 23-2 | 10339623 | 10579574 | 10544690 | 10487962 | 1.24 | cps |
| Strontium | 86-1 | 540397 | 547585 | 541626 | 543203 | 0.71 | cps |
| Strontium | 88-1 | 4871695 | 4881038 | 4938963 | 4897232 | 0.74 | cps |
| Sulfur | 34-1 | 576979 | 576800 | 570029 | 574602 | 0.69 | cps |
| Terbium | 159-1 | 14979445 | 15144364 | 15261194 | 15128335 | 0.94 | cps |
| Terbium | 159-2 | 10431299 | 10423150 | 10256617 | 10370355 | 0.95 | cps |
| Thallium | 203-1 | 126009 | 126295 | 125963 | 126089 | 0.14 | cps |
| Thallium | 205-1 | 300544 | 300982 | 301296 | 300941 | 0.13 | cps |
| Tin | 118-1 | 876317 | 884640 | 889969 | 883642 | 0.78 | cps |
| Titanium | 47-1 | 1079210 | 1080058 | 1072904 | 1077391 | 0.36 | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 21:57:41 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 132304 | 132978 | 132009 | 132430 | 0.38 | cps |
| Vanadium | 51-2 | 669158 | 665390 | 662411 | 665653 | 0.51 | cps |
| Yttrium | 89-1 | 14440458 | 14304174 | 14332604 | 14359079 | 0.50 | cps |
| Yttrium | 89-2 | 3670933 | 3603655 | 3594444 | 3623011 | 1.15 | cps |
| Zinc | 66-2 | 5223341 | 5258162 | 5238515 | 5240006 | 0.33 | cps |
| Zirconium | 90-1 | 183002 | 185030 | 185351 | 184461 | 0.69 | cps |
| Zirconium | 91-1 | 42789 | 41492 | 42638 | 42306 | 1.68 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKL7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:00:39 | DataFile Name : | 167SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2547901 | 2482398 | 2520951 | 2517083 | 1.31 | cps |
| Antimony | 121-1 | 394925 | 393440 | 393407 | 393924 | 0.22 | cps |
| Arsenic | 75-2 | 81619 | 81586 | 81831 | 81679 | 0.16 | cps |
| Barium | 135-1 | 215694 | 215168 | 216423 | 215762 | 0.29 | cps |
| Barium | 137-1 | 374480 | 375271 | 373640 | 374464 | 0.22 | cps |
| Beryllium | 9-1 | 463 | 490 | 497 | 483 | 3.65 | cps |
| Bismuth | 209-1 | 9043563 | 9049723 | 9048745 | 9047344 | 0.04 | cps |
| Bismuth | 209-2 | 7470030 | 7424722 | 7535442 | 7476732 | 0.74 | cps |
| Bromine | 81-1 | 68203 | 71321 | 71746 | 70423 | 2.75 | cps |
| Bromine | 81-2 | 11044 | 10377 | 10647 | 10689 | 3.14 | cps |
| Cadmium | 108-1 | 277 | 327 | 290 | 298 | 8.69 | cps |
| Cadmium | 106-1 | 3717 | 3644 | 3570 | 3644 | 2.01 | cps |
| Cadmium | 111-1 | 5632 | 5409 | 5330 | 5457 | 2.87 | cps |
| Calcium | 43-1 | 1762713 | 1769913 | 1744969 | 1759198 | 0.73 | cps |
| Calcium | 44-1 | 28603322 | 28200070 | 27731098 | 28178163 | 1.55 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 142684 | 141254 | 142081 | 142006 | 0.51 | cps |
| Cobalt | 59-2 | 122058 | 122864 | 124393 | 123105 | 0.96 | cps |
| Copper | 63-2 | 6170919 | 6067699 | 6045152 | 6094590 | 1.10 | cps |
| Dysprosium | 156-1 | 25446 | 25370 | 25306 | 25374 | 0.28 | cps |
| Dysprosium | 156-2 | 19560 | 19687 | 19971 | 19740 | 1.07 | cps |
| Erbium | 164-1 | 22542 | 23413 | 23360 | 23105 | 2.11 | cps |
| Erbium | 164-2 | 16076 | 16183 | 15922 | 16060 | 0.81 | cps |
| Gadolinium | 160-1 | 25513 | 24842 | 25266 | 25207 | 1.35 | cps |
| Gadolinium | 160-2 | 18933 | 19073 | 18986 | 18997 | 0.37 | cps |
| Holmium | 165-1 | 15185376 | 14737567 | 14772681 | 14898541 | 1.67 | cps |
| Holmium | 165-2 | 10355174 | 10262794 | 10292457 | 10303475 | 0.46 | cps |
| Indium | 115-1 | 11864320 | 11739263 | 11620863 | 11741482 | 1.04 | cps |
| Indium | 115-2 | 4061223 | 4042745 | 4022070 | 4042013 | 0.48 | cps |
| Iron | 56-2 | 108918628 | 108016358 | 107585228 | 108173405 | 0.63 | cps |
| Iron | 57-2 | 2701467 | 2668407 | 2673391 | 2681089 | 0.66 | cps |
| Iron | 54-2 | 5845671 | 5907543 | 5819307 | 5857507 | 0.77 | cps |
| Krypton | 83-1 | 220 | 273 | 223 | 239 | 12.51 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKL7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:00:39 | DataFile Name : | 167SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2576387 | 2543626 | 2593357 | 2571123 | 0.98 | cps |
| Lead | 207-1 | 2298755 | 2290572 | 2291365 | 2293564 | 0.20 | cps |
| Lead | 208-1 | 10427082 | 10361824 | 10463861 | 10417589 | 0.50 | cps |
| Lithium | 6-1 | 1719618 | 1708615 | 1737446 | 1721893 | 0.84 | cps |
| Magnesium | 24-2 | 2536585 | 2509505 | 2505887 | 2517326 | 0.67 | cps |
| Manganese | 55-2 | 620589 | 622038 | 616598 | 619742 | 0.45 | cps |
| Molybdenum | 94-1 | 41211 | 40152 | 39784 | 40382 | 1.84 | cps |
| Molybdenum | 95-1 | 42034 | 41799 | 41626 | 41820 | 0.49 | cps |
| Molybdenum | 96-1 | 50259 | 50256 | 49366 | 49960 | 1.03 | cps |
| Molybdenum | 97-1 | 26357 | 26501 | 26497 | 26452 | 0.31 | cps |
| Molybdenum | 98-1 | 69765 | 68858 | 68757 | 69127 | 0.80 | cps |
| Neodymium | 150-1 | 39311 | 38613 | 40060 | 39328 | 1.84 | cps |
| Neodymium | 150-2 | 23316 | 23042 | 22829 | 23062 | 1.06 | cps |
| Nickel | 60-2 | 45602 | 44937 | 45459 | 45333 | 0.77 | cps |
| Phosphorus | 31-2 | 9056 | 9086 | 8693 | 8945 | 2.45 | cps |
| Potassium | 39-2 | 1150243 | 1141069 | 1137703 | 1143005 | 0.57 | cps |
| Rhodium | 103-1 | 10808632 | 10562581 | 10537194 | 10636136 | 1.41 | cps |
| Rhodium | 103-2 | 6261758 | 6183542 | 6183665 | 6209655 | 0.73 | cps |
| Scandium | 45-1 | 6237603 | 6146470 | 6041912 | 6141995 | 1.59 | cps |
| Scandium | 45-2 | 487041 | 482434 | 484144 | 484539 | 0.48 | cps |
| Selenium | 82-1 | 460 | 358 | 368 | 395 | 14.30 | cps |
| Selenium | 77-2 | 83 | 73 | 100 | 86 | 15.75 | cps |
| Selenium | 78-2 | 467 | 477 | 440 | 461 | 4.11 | cps |
| Silicon | 28-1 | 22243441 | 21743612 | 22508230 | 22165094 | 1.75 | cps |
| Silver | 107-1 | 52872 | 52147 | 51959 | 52326 | 0.92 | cps |
| Silver | 109-1 | 51384 | 49942 | 49243 | 50190 | 2.17 | cps |
| Sodium | 23-2 | 9624960 | 9642799 | 9501810 | 9589856 | 0.80 | cps |
| Strontium | 86-1 | 1780394 | 1772767 | 1781052 | 1778071 | 0.26 | cps |
| Strontium | 88-1 | 15421945 | 15390274 | 15170555 | 15327591 | 0.89 | cps |
| Sulfur | 34-1 | 476018 | 469307 | 468062 | 471129 | 0.91 | cps |
| Terbium | 159-1 | 15082681 | 14964517 | 15038706 | 15028635 | 0.40 | cps |
| Terbium | 159-2 | 10164516 | 9928019 | 10037621 | 10043385 | 1.18 | cps |
| Thallium | 203-1 | 3567 | 3310 | 3330 | 3403 | 4.20 | cps |
| Thallium | 205-1 | 7842 | 8089 | 7982 | 7971 | 1.55 | cps |
| Tin | 118-1 | 265877 | 264939 | 264548 | 265121 | 0.26 | cps |
| Titanium | 47-1 | 633369 | 617247 | 608660 | 619759 | 2.02 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKL7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:00:39 | DataFile Name : | 167SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 114353 | 112256 | 114176 | 113595 | 1.02 | cps |
| Vanadium | 51-2 | 165461 | 166534 | 165998 | 165998 | 0.32 | cps |
| Yttrium | 89-1 | 14108484 | 13948578 | 13780814 | 13945959 | 1.17 | cps |
| Yttrium | 89-2 | 3475537 | 3407411 | 3444205 | 3442385 | 0.99 | cps |
| Zinc | 66-2 | 522259 | 523085 | 520653 | 521999 | 0.24 | cps |
| Zirconium | 90-1 | 44878 | 43942 | 42819 | 43880 | 2.35 | cps |
| Zirconium | 91-1 | 9890 | 10267 | 10160 | 10106 | 1.92 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:03:46 | DataFile Name : | 168SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2663095 | 2656354 | 2674602 | 2664684 | 0.35 | cps |
| Antimony | 121-1 | 378870 | 384726 | 384237 | 382611 | 0.85 | cps |
| Arsenic | 75-2 | 126809 | 126755 | 127451 | 127005 | 0.30 | cps |
| Barium | 135-1 | 203499 | 204657 | 203675 | 203944 | 0.31 | cps |
| Barium | 137-1 | 349872 | 355997 | 353041 | 352970 | 0.87 | cps |
| Beryllium | 9-1 | 447 | 430 | 423 | 433 | 2.77 | cps |
| Bismuth | 209-1 | 9218509 | 9079214 | 9037486 | 9111736 | 1.04 | cps |
| Bismuth | 209-2 | 7651802 | 7574090 | 7567722 | 7597871 | 0.62 | cps |
| Bromine | 81-1 | 88852 | 95227 | 96844 | 93641 | 4.51 | cps |
| Bromine | 81-2 | 15291 | 15381 | 15438 | 15370 | 0.48 | cps |
| Cadmium | 108-1 | 703 | 647 | 707 | 686 | 4.92 | cps |
| Cadmium | 106-1 | 3854 | 3984 | 4074 | 3971 | 2.79 | cps |
| Cadmium | 111-1 | 8867 | 9398 | 9119 | 9128 | 2.91 | cps |
| Calcium | 43-1 | 163790 | 164113 | 165541 | 164481 | 0.57 | cps |
| Calcium | 44-1 | 2509111 | 2506598 | 2550999 | 2522236 | 0.99 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 201804 | 199686 | 199723 | 200404 | 0.60 | cps |
| Cobalt | 59-2 | 139629 | 139693 | 139268 | 139530 | 0.16 | cps |
| Copper | 63-2 | 8712941 | 8758818 | 8702556 | 8724772 | 0.34 | cps |
| Dysprosium | 156-1 | 19968 | 20301 | 20442 | 20237 | 1.20 | cps |
| Dysprosium | 156-2 | 15716 | 16169 | 15936 | 15940 | 1.42 | cps |
| Erbium | 164-1 | 18666 | 18442 | 18956 | 18688 | 1.38 | cps |
| Erbium | 164-2 | 13543 | 13210 | 13560 | 13438 | 1.47 | cps |
| Gadolinium | 160-1 | 19918 | 20161 | 19694 | 19924 | 1.17 | cps |
| Gadolinium | 160-2 | 15278 | 15662 | 15602 | 15514 | 1.33 | cps |
| Holmium | 165-1 | 14957344 | 14999569 | 14808844 | 14921919 | 0.67 | cps |
| Holmium | 165-2 | 10364362 | 10467512 | 10498509 | 10443461 | 0.67 | cps |
| Indium | 115-1 | 12044421 | 12071427 | 11924298 | 12013382 | 0.65 | cps |
| Indium | 115-2 | 4261210 | 4228977 | 4235433 | 4241874 | 0.40 | cps |
| Iron | 56-2 | 114610485 | 114559892 | 114895508 | 114688628 | 0.16 | cps |
| Iron | 57-2 | 2844810 | 2815629 | 2841405 | 2833948 | 0.56 | cps |
| Iron | 54-2 | 6224262 | 6140164 | 6286879 | 6217102 | 1.18 | cps |
| Krypton | 83-1 | 223 | 280 | 257 | 253 | 11.24 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:03:46 | DataFile Name : | 168SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3308087 | 3261859 | 3278675 | 3282873 | 0.71 | cps |
| Lead | 207-1 | 2929631 | 2891076 | 2929757 | 2916821 | 0.76 | cps |
| Lead | 208-1 | 13202402 | 13120524 | 13269101 | 13197343 | 0.56 | cps |
| Lithium | 6-1 | 1774935 | 1739461 | 1715536 | 1743311 | 1.71 | cps |
| Magnesium | 24-2 | 2717179 | 2709580 | 2708500 | 2711753 | 0.17 | cps |
| Manganese | 55-2 | 562366 | 559346 | 560052 | 560588 | 0.28 | cps |
| Molybdenum | 94-1 | 38597 | 39961 | 39553 | 39371 | 1.78 | cps |
| Molybdenum | 95-1 | 42411 | 43287 | 43949 | 43216 | 1.78 | cps |
| Molybdenum | 96-1 | 50577 | 50768 | 50928 | 50758 | 0.35 | cps |
| Molybdenum | 97-1 | 26487 | 26721 | 27195 | 26801 | 1.35 | cps |
| Molybdenum | 98-1 | 69022 | 70456 | 70351 | 69943 | 1.14 | cps |
| Neodymium | 150-1 | 30085 | 30283 | 30122 | 30163 | 0.35 | cps |
| Neodymium | 150-2 | 18325 | 18399 | 18429 | 18384 | 0.29 | cps |
| Nickel | 60-2 | 44171 | 43951 | 42841 | 43654 | 1.63 | cps |
| Phosphorus | 31-2 | 8532 | 8202 | 8542 | 8426 | 2.30 | cps |
| Potassium | 39-2 | 1329632 | 1299606 | 1316681 | 1315306 | 1.14 | cps |
| Rhodium | 103-1 | 10950975 | 10937904 | 10952045 | 10946975 | 0.07 | cps |
| Rhodium | 103-2 | 6569936 | 6548461 | 6564093 | 6560830 | 0.17 | cps |
| Scandium | 45-1 | 6312690 | 6308822 | 6402618 | 6341377 | 0.84 | cps |
| Scandium | 45-2 | 519995 | 514805 | 514705 | 516502 | 0.59 | cps |
| Selenium | 82-1 | 408 | 310 | 294 | 337 | 18.22 | cps |
| Selenium | 77-2 | 90 | 97 | 107 | 98 | 8.58 | cps |
| Selenium | 78-2 | 560 | 523 | 500 | 528 | 5.73 | cps |
| Silicon | 28-1 | 24624272 | 23731747 | 24211684 | 24189234 | 1.85 | cps |
| Silver | 107-1 | 95525 | 97850 | 97746 | 97040 | 1.35 | cps |
| Silver | 109-1 | 92778 | 92161 | 92623 | 92521 | 0.35 | cps |
| Sodium | 23-2 | 13000817 | 13101574 | 13062343 | 13054911 | 0.39 | cps |
| Strontium | 86-1 | 237319 | 239406 | 242105 | 239610 | 1.00 | cps |
| Strontium | 88-1 | 2117441 | 2137856 | 2185648 | 2146982 | 1.63 | cps |
| Sulfur | 34-1 | 592303 | 592054 | 597406 | 593921 | 0.51 | cps |
| Terbium | 159-1 | 15283370 | 15336490 | 15069425 | 15229762 | 0.93 | cps |
| Terbium | 159-2 | 10275375 | 10381916 | 10394553 | 10350615 | 0.63 | cps |
| Thallium | 203-1 | 2974 | 2977 | 2800 | 2917 | 3.46 | cps |
| Thallium | 205-1 | 7035 | 6688 | 6808 | 6844 | 2.57 | cps |
| Tin | 118-1 | 327572 | 332619 | 331170 | 330454 | 0.79 | cps |
| Titanium | 47-1 | 533235 | 543497 | 546409 | 541047 | 1.28 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:03:46 | DataFile Name : | 168SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 58234 | 58197 | 59328 | 58586 | 1.10 | cps |
| Vanadium | 51-2 | 158919 | 157825 | 157182 | 157975 | 0.56 | cps |
| Yttrium | 89-1 | 14073027 | 14147414 | 14121444 | 14113962 | 0.27 | cps |
| Yttrium | 89-2 | 3616468 | 3629673 | 3658087 | 3634743 | 0.59 | cps |
| Zinc | 66-2 | 1831783 | 1808885 | 1842842 | 1827837 | 0.95 | cps |
| Zirconium | 90-1 | 39286 | 40161 | 40181 | 39876 | 1.28 | cps |
| Zirconium | 91-1 | 8926 | 9320 | 9050 | 9098 | 2.21 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:06:49 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2609944 | 2591015 | 2566489 | 2589149 | 0.84 | cps |
| Antimony | 121-1 | 1125603 | 1151014 | 1161376 | 1145998 | 1.61 | cps |
| Arsenic | 75-2 | 231392 | 230559 | 229161 | 230371 | 0.49 | cps |
| Barium | 135-1 | 275482 | 284144 | 283217 | 280948 | 1.69 | cps |
| Barium | 137-1 | 481599 | 492677 | 490557 | 488278 | 1.20 | cps |
| Beryllium | 9-1 | 423 | 443 | 487 | 451 | 7.18 | cps |
| Bismuth | 209-1 | 9384797 | 9290123 | 9213868 | 9296262 | 0.92 | cps |
| Bismuth | 209-2 | 7626370 | 7620543 | 7723520 | 7656811 | 0.76 | cps |
| Bromine | 81-1 | 78916 | 86474 | 88764 | 84718 | 6.08 | cps |
| Bromine | 81-2 | 13446 | 13286 | 13980 | 13571 | 2.68 | cps |
| Cadmium | 108-1 | 517 | 533 | 493 | 514 | 3.91 | cps |
| Cadmium | 106-1 | 4127 | 3807 | 3861 | 3932 | 4.36 | cps |
| Cadmium | 111-1 | 7949 | 7930 | 7798 | 7892 | 1.04 | cps |
| Calcium | 43-1 | 163547 | 165980 | 165703 | 165077 | 0.81 | cps |
| Calcium | 44-1 | 2509287 | 2554741 | 2518945 | 2527657 | 0.95 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 162778 | 161524 | 160749 | 161684 | 0.63 | cps |
| Cobalt | 59-2 | 178467 | 177142 | 178124 | 177911 | 0.39 | cps |
| Copper | 63-2 | 12928015 | 12901217 | 12830284 | 12886506 | 0.39 | cps |
| Dysprosium | 156-1 | 19874 | 20235 | 20188 | 20099 | 0.98 | cps |
| Dysprosium | 156-2 | 16226 | 15983 | 16146 | 16118 | 0.77 | cps |
| Erbium | 164-1 | 18819 | 18773 | 18963 | 18852 | 0.53 | cps |
| Erbium | 164-2 | 13507 | 13240 | 13143 | 13296 | 1.42 | cps |
| Gadolinium | 160-1 | 20058 | 20358 | 20682 | 20366 | 1.53 | cps |
| Gadolinium | 160-2 | 15382 | 15292 | 15642 | 15439 | 1.18 | cps |
| Holmium | 165-1 | 15233110 | 14757850 | 14811951 | 14934304 | 1.74 | cps |
| Holmium | 165-2 | 10418310 | 10497994 | 10579755 | 10498687 | 0.77 | cps |
| Indium | 115-1 | 12352644 | 12298446 | 12132423 | 12261171 | 0.94 | cps |
| Indium | 115-2 | 4211070 | 4296582 | 4287628 | 4265093 | 1.10 | cps |
| Iron | 56-2 | 138672125 | 136600605 | 138178765 | 137817165 | 0.79 | cps |
| Iron | 57-2 | 3425263 | 3334118 | 3421659 | 3393680 | 1.52 | cps |
| Iron | 54-2 | 7457123 | 7415090 | 7329365 | 7400526 | 0.88 | cps |
| Krypton | 83-1 | 247 | 250 | 273 | 257 | 5.66 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:06:49 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5430847 | 5453679 | 5545424 | 5476650 | 1.11 | cps |
| Lead | 207-1 | 4860464 | 4939400 | 4889385 | 4896416 | 0.82 | cps |
| Lead | 208-1 | 21911570 | 22148238 | 22200789 | 22086866 | 0.70 | cps |
| Lithium | 6-1 | 1773981 | 1728115 | 1753560 | 1751885 | 1.31 | cps |
| Magnesium | 24-2 | 2683046 | 2676319 | 2677321 | 2678895 | 0.14 | cps |
| Manganese | 55-2 | 667593 | 668046 | 662201 | 665947 | 0.49 | cps |
| Molybdenum | 94-1 | 55250 | 54681 | 56629 | 55520 | 1.80 | cps |
| Molybdenum | 95-1 | 62322 | 62680 | 62831 | 62611 | 0.42 | cps |
| Molybdenum | 96-1 | 72361 | 73034 | 73513 | 72970 | 0.79 | cps |
| Molybdenum | 97-1 | 38912 | 39630 | 39553 | 39365 | 1.00 | cps |
| Molybdenum | 98-1 | 101402 | 102479 | 103322 | 102401 | 0.94 | cps |
| Neodymium | 150-1 | 30743 | 30580 | 31529 | 30951 | 1.64 | cps |
| Neodymium | 150-2 | 18295 | 18556 | 18639 | 18497 | 0.97 | cps |
| Nickel | 60-2 | 52561 | 52940 | 52251 | 52584 | 0.66 | cps |
| Phosphorus | 31-2 | 7809 | 7915 | 7839 | 7854 | 0.70 | cps |
| Potassium | 39-2 | 1284305 | 1272727 | 1266122 | 1274385 | 0.72 | cps |
| Rhodium | 103-1 | 11184850 | 10972292 | 11076579 | 11077907 | 0.96 | cps |
| Rhodium | 103-2 | 6454630 | 6546373 | 6528319 | 6509774 | 0.75 | cps |
| Scandium | 45-1 | 6551237 | 6459557 | 6351986 | 6454260 | 1.55 | cps |
| Scandium | 45-2 | 512035 | 513919 | 517852 | 514602 | 0.58 | cps |
| Selenium | 82-1 | 552 | 592 | 511 | 552 | 7.38 | cps |
| Selenium | 77-2 | 100 | 87 | 117 | 101 | 14.87 | cps |
| Selenium | 78-2 | 620 | 647 | 510 | 592 | 12.23 | cps |
| Silicon | 28-1 | 22391161 | 22682066 | 22554410 | 22542545 | 0.65 | cps |
| Silver | 107-1 | 109999 | 112246 | 111350 | 111198 | 1.02 | cps |
| Silver | 109-1 | 106054 | 108102 | 106131 | 106763 | 1.09 | cps |
| Sodium | 23-2 | 11404469 | 11435337 | 11327754 | 11389187 | 0.49 | cps |
| Strontium | 86-1 | 236028 | 241334 | 241824 | 239728 | 1.34 | cps |
| Strontium | 88-1 | 2147548 | 2171641 | 2159328 | 2159506 | 0.56 | cps |
| Sulfur | 34-1 | 676494 | 678045 | 676262 | 676934 | 0.14 | cps |
| Terbium | 159-1 | 15600213 | 15329411 | 15466671 | 15465432 | 0.88 | cps |
| Terbium | 159-2 | 10439467 | 10367814 | 10522237 | 10443173 | 0.74 | cps |
| Thallium | 203-1 | 4287 | 4331 | 4211 | 4276 | 1.42 | cps |
| Thallium | 205-1 | 10034 | 10191 | 10481 | 10235 | 2.22 | cps |
| Tin | 118-1 | 575772 | 579767 | 580386 | 578642 | 0.43 | cps |
| Titanium | 47-1 | 615555 | 626299 | 622311 | 621388 | 0.87 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:06:49 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 52185 | 53306 | 53765 | 53085 | 1.53 | cps |
| Vanadium | 51-2 | 161931 | 162743 | 162033 | 162236 | 0.27 | cps |
| Yttrium | 89-1 | 14592507 | 14376766 | 14367115 | 14445463 | 0.88 | cps |
| Yttrium | 89-2 | 3634303 | 3643807 | 3648127 | 3642079 | 0.19 | cps |
| Zinc | 66-2 | 942523 | 938314 | 936233 | 939024 | 0.34 | cps |
| Zirconium | 90-1 | 52691 | 53393 | 53005 | 53030 | 0.66 | cps |
| Zirconium | 91-1 | 12155 | 12028 | 12292 | 12158 | 1.08 | cps |

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On:12/25/2024 3:49:22 AM
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| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:09:55 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2612804 | 2612028 | 2610938 | 2611923 | 0.04 | cps |
| Antimony | 121-1 | 1176187 | 1184144 | 1182767 | 1181033 | 0.36 | cps |
| Arsenic | 75-2 | 209375 | 207766 | 208655 | 208599 | 0.39 | cps |
| Barium | 135-1 | 264426 | 268220 | 265081 | 265909 | 0.76 | cps |
| Barium | 137-1 | 460327 | 463742 | 464433 | 462834 | 0.47 | cps |
| Beryllium | 9-1 | 457 | 357 | 427 | 413 | 12.42 | cps |
| Bismuth | 209-1 | 9319759 | 9368522 | 9118736 | 9269006 | 1.43 | cps |
| Bismuth | 209-2 | 7635611 | 7593175 | 7649638 | 7626141 | 0.39 | cps |
| Bromine | 81-1 | 83300 | 89418 | 91367 | 88028 | 4.78 | cps |
| Bromine | 81-2 | 14070 | 14040 | 14230 | 14113 | 0.72 | cps |
| Cadmium | 108-1 | 410 | 397 | 413 | 407 | 2.17 | cps |
| Cadmium | 106-1 | 3914 | 3681 | 3841 | 3812 | 3.13 | cps |
| Cadmium | 111-1 | 6797 | 6796 | 6506 | 6700 | 2.50 | cps |
| Calcium | 43-1 | 170063 | 170220 | 167509 | 169264 | 0.90 | cps |
| Calcium | 44-1 | 2608989 | 2588714 | 2580879 | 2592861 | 0.56 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 143895 | 144367 | 142690 | 143651 | 0.60 | cps |
| Cobalt | 59-2 | 177597 | 177408 | 176639 | 177215 | 0.29 | cps |
| Copper | 63-2 | 10621513 | 10445705 | 10585585 | 10550934 | 0.88 | cps |
| Dysprosium | 156-1 | 20048 | 20939 | 20372 | 20453 | 2.21 | cps |
| Dysprosium | 156-2 | 16123 | 16036 | 15892 | 16017 | 0.73 | cps |
| Erbium | 164-1 | 19520 | 19888 | 19263 | 19557 | 1.60 | cps |
| Erbium | 164-2 | 13206 | 13630 | 13597 | 13478 | 1.75 | cps |
| Gadolinium | 160-1 | 20251 | 20912 | 19974 | 20379 | 2.36 | cps |
| Gadolinium | 160-2 | 15419 | 15379 | 15248 | 15348 | 0.58 | cps |
| Holmium | 165-1 | 14929874 | 15037180 | 14926310 | 14964455 | 0.42 | cps |
| Holmium | 165-2 | 10533413 | 10403308 | 10437126 | 10457949 | 0.65 | cps |
| Indium | 115-1 | 12283396 | 12191728 | 12071180 | 12182101 | 0.87 | cps |
| Indium | 115-2 | 4244804 | 4261804 | 4299718 | 4268776 | 0.66 | cps |
| Iron | 56-2 | 135840391 | 137634568 | 136647658 | 136707539 | 0.66 | cps |
| Iron | 57-2 | 3402553 | 3394994 | 3382680 | 3393409 | 0.30 | cps |
| Iron | 54-2 | 7380937 | 7389137 | 7400288 | 7390120 | 0.13 | cps |
| Krypton | 83-1 | 247 | 207 | 230 | 228 | 8.82 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:09:55 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5608885 | 5612039 | 5708504 | 5643142 | 1.00 | cps |
| Lead | 207-1 | 4987756 | 5033552 | 5011515 | 5010941 | 0.46 | cps |
| Lead | 208-1 | 22587762 | 22705812 | 22742745 | 22678773 | 0.36 | cps |
| Lithium | 6-1 | 1757910 | 1689555 | 1755446 | 1734304 | 2.24 | cps |
| Magnesium | 24-2 | 2660599 | 2640936 | 2631632 | 2644389 | 0.56 | cps |
| Manganese | 55-2 | 944584 | 945333 | 944106 | 944674 | 0.07 | cps |
| Molybdenum | 94-1 | 36910 | 37692 | 36716 | 37106 | 1.39 | cps |
| Molybdenum | 95-1 | 30736 | 30762 | 30956 | 30818 | 0.39 | cps |
| Molybdenum | 96-1 | 38400 | 37297 | 38133 | 37944 | 1.52 | cps |
| Molybdenum | 97-1 | 18849 | 19707 | 19173 | 19243 | 2.25 | cps |
| Molybdenum | 98-1 | 49333 | 49664 | 49480 | 49492 | 0.34 | cps |
| Neodymium | 150-1 | 31341 | 31124 | 31475 | 31314 | 0.57 | cps |
| Neodymium | 150-2 | 17935 | 18405 | 18255 | 18198 | 1.32 | cps |
| Nickel | 60-2 | 49739 | 49809 | 50000 | 49849 | 0.27 | cps |
| Phosphorus | 31-2 | 6655 | 6732 | 6541 | 6643 | 1.44 | cps |
| Potassium | 39-2 | 1321204 | 1291760 | 1303268 | 1305411 | 1.14 | cps |
| Rhodium | 103-1 | 10991188 | 10899884 | 10852477 | 10914516 | 0.65 | cps |
| Rhodium | 103-2 | 6496299 | 6466034 | 6440927 | 6467754 | 0.43 | cps |
| Scandium | 45-1 | 6400978 | 6381653 | 6325989 | 6369540 | 0.61 | cps |
| Scandium | 45-2 | 507605 | 504522 | 507831 | 506653 | 0.36 | cps |
| Selenium | 82-1 | 615 | 634 | 566 | 605 | 5.78 | cps |
| Selenium | 77-2 | 80 | 80 | 87 | 82 | 4.68 | cps |
| Selenium | 78-2 | 573 | 573 | 643 | 597 | 6.77 | cps |
| Silicon | 28-1 | 22303476 | 22255214 | 22139866 | 22232852 | 0.38 | cps |
| Silver | 107-1 | 85855 | 86459 | 84226 | 85513 | 1.35 | cps |
| Silver | 109-1 | 80642 | 81454 | 80817 | 80971 | 0.53 | cps |
| Sodium | 23-2 | 12552356 | 12466898 | 12536495 | 12518583 | 0.36 | cps |
| Strontium | 86-1 | 251792 | 250828 | 251049 | 251223 | 0.20 | cps |
| Strontium | 88-1 | 2299718 | 2281668 | 2240845 | 2274077 | 1.33 | cps |
| Sulfur | 34-1 | 1027644 | 1024823 | 1027415 | 1026627 | 0.15 | cps |
| Terbium | 159-1 | 15147950 | 15380184 | 15151067 | 15226400 | 0.87 | cps |
| Terbium | 159-2 | 10256823 | 10361674 | 10361224 | 10326574 | 0.58 | cps |
| Thallium | 203-1 | 3247 | 3531 | 3621 | 3466 | 5.62 | cps |
| Thallium | 205-1 | 8183 | 8119 | 8149 | 8150 | 0.39 | cps |
| Tin | 118-1 | 483249 | 485771 | 480435 | 483152 | 0.55 | cps |
| Titanium | 47-1 | 655104 | 656752 | 659685 | 657181 | 0.35 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:09:55 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43116 | 43367 | 44006 | 43496 | 1.05 | cps |
| Vanadium | 51-2 | 174954 | 175763 | 175014 | 175244 | 0.26 | cps |
| Yttrium | 89-1 | 14183685 | 14333827 | 14197721 | 14238411 | 0.58 | cps |
| Yttrium | 89-2 | 3641965 | 3519113 | 3601927 | 3587668 | 1.75 | cps |
| Zinc | 66-2 | 782741 | 778630 | 777702 | 779691 | 0.34 | cps |
| Zirconium | 90-1 | 52343 | 52383 | 52681 | 52469 | 0.35 | cps |
| Zirconium | 91-1 | 12012 | 12038 | 11775 | 11942 | 1.21 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:12:59 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2901900 | 2908260 | 2904229 | 2904797 | 0.11 | cps |
| Antimony | 121-1 | 546658 | 553156 | 551191 | 550335 | 0.61 | cps |
| Arsenic | 75-2 | 175564 | 173332 | 174459 | 174452 | 0.64 | cps |
| Barium | 135-1 | 498939 | 505241 | 497270 | 500483 | 0.84 | cps |
| Barium | 137-1 | 866624 | 875379 | 876676 | 872893 | 0.63 | cps |
| Beryllium | 9-1 | 487 | 437 | 473 | 466 | 5.56 | cps |
| Bismuth | 209-1 | 9056113 | 9140318 | 9020732 | 9072388 | 0.68 | cps |
| Bismuth | 209-2 | 7658483 | 7686517 | 7618961 | 7654654 | 0.44 | cps |
| Bromine | 81-1 | 76979 | 82539 | 84325 | 81281 | 4.71 | cps |
| Bromine | 81-2 | 12982 | 12986 | 12816 | 12928 | 0.75 | cps |
| Cadmium | 108-1 | 663 | 593 | 597 | 618 | 6.39 | cps |
| Cadmium | 106-1 | 4191 | 3861 | 3974 | 4008 | 4.18 | cps |
| Cadmium | 111-1 | 9468 | 9289 | 9292 | 9350 | 1.09 | cps |
| Calcium | 43-1 | 433315 | 440176 | 438079 | 437190 | 0.80 | cps |
| Calcium | 44-1 | 6725971 | 6716015 | 6754756 | 6732247 | 0.30 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 136336 | 136709 | 135926 | 136324 | 0.29 | cps |
| Cobalt | 59-2 | 179415 | 182809 | 182441 | 181555 | 1.03 | cps |
| Copper | 63-2 | 12985079 | 12837288 | 12881999 | 12901455 | 0.59 | cps |
| Dysprosium | 156-1 | 22465 | 22779 | 22618 | 22621 | 0.69 | cps |
| Dysprosium | 156-2 | 18365 | 18355 | 18476 | 18399 | 0.36 | cps |
| Erbium | 164-1 | 21103 | 21560 | 21447 | 21370 | 1.11 | cps |
| Erbium | 164-2 | 14905 | 15449 | 14901 | 15085 | 2.09 | cps |
| Gadolinium | 160-1 | 22325 | 22532 | 22675 | 22510 | 0.78 | cps |
| Gadolinium | 160-2 | 16970 | 16920 | 17084 | 16992 | 0.49 | cps |
| Holmium | 165-1 | 14796662 | 14806289 | 14650011 | 14750987 | 0.59 | cps |
| Holmium | 165-2 | 10543421 | 10445494 | 10462613 | 10483843 | 0.50 | cps |
| Indium | 115-1 | 11797903 | 11992137 | 11985979 | 11925340 | 0.93 | cps |
| Indium | 115-2 | 4169390 | 4159106 | 4161667 | 4163388 | 0.13 | cps |
| Iron | 56-2 | 153660251 | 155166008 | 153394104 | 154073454 | 0.62 | cps |
| Iron | 57-2 | 3752107 | 3813320 | 3808782 | 3791403 | 0.90 | cps |
| Iron | 54-2 | 8295101 | 8392799 | 8310694 | 8332865 | 0.63 | cps |
| Krypton | 83-1 | 247 | 240 | 203 | 230 | 10.14 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:12:59 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8083729 | 8062569 | 8216354 | 8120884 | 1.03 | cps |
| Lead | 207-1 | 7156572 | 7179155 | 7275721 | 7203816 | 0.88 | cps |
| Lead | 208-1 | 32424491 | 32696844 | 32914712 | 32678682 | 0.75 | cps |
| Lithium | 6-1 | 1665856 | 1719008 | 1725747 | 1703537 | 1.93 | cps |
| Magnesium | 24-2 | 2713848 | 2667795 | 2726861 | 2702835 | 1.15 | cps |
| Manganese | 55-2 | 1210323 | 1212158 | 1204760 | 1209080 | 0.32 | cps |
| Molybdenum | 94-1 | 47276 | 47423 | 47601 | 47433 | 0.34 | cps |
| Molybdenum | 95-1 | 35373 | 35740 | 35944 | 35686 | 0.81 | cps |
| Molybdenum | 96-1 | 44869 | 44705 | 45046 | 44873 | 0.38 | cps |
| Molybdenum | 97-1 | 22527 | 22073 | 21967 | 22189 | 1.34 | cps |
| Molybdenum | 98-1 | 57760 | 58158 | 58065 | 57994 | 0.36 | cps |
| Neodymium | 150-1 | 35318 | 34896 | 35441 | 35218 | 0.81 | cps |
| Neodymium | 150-2 | 20742 | 20695 | 21183 | 20873 | 1.29 | cps |
| Nickel | 60-2 | 64006 | 63828 | 64146 | 63993 | 0.25 | cps |
| Phosphorus | 31-2 | 7665 | 7335 | 7325 | 7442 | 2.60 | cps |
| Potassium | 39-2 | 1386530 | 1383050 | 1387897 | 1385826 | 0.18 | cps |
| Rhodium | 103-1 | 10821703 | 10720381 | 10734171 | 10758752 | 0.51 | cps |
| Rhodium | 103-2 | 6455332 | 6470578 | 6333622 | 6419844 | 1.17 | cps |
| Scandium | 45-1 | 6345847 | 6196178 | 6235249 | 6259091 | 1.24 | cps |
| Scandium | 45-2 | 511083 | 510227 | 511477 | 510929 | 0.13 | cps |
| Selenium | 82-1 | 527 | 619 | 603 | 583 | 8.40 | cps |
| Selenium | 77-2 | 113 | 87 | 107 | 102 | 13.57 | cps |
| Selenium | 78-2 | 457 | 613 | 557 | 542 | 14.63 | cps |
| Silicon | 28-1 | 24159251 | 23708790 | 23481850 | 23783297 | 1.45 | cps |
| Silver | 107-1 | 95894 | 97199 | 96572 | 96555 | 0.68 | cps |
| Silver | 109-1 | 91684 | 93791 | 91771 | 92415 | 1.29 | cps |
| Sodium | 23-2 | 11377839 | 11407998 | 11336765 | 11374201 | 0.31 | cps |
| Strontium | 86-1 | 567114 | 574759 | 572500 | 571458 | 0.69 | cps |
| Strontium | 88-1 | 5112936 | 5097604 | 5168411 | 5126317 | 0.73 | cps |
| Sulfur | 34-1 | 1084557 | 1089542 | 1104359 | 1092819 | 0.94 | cps |
| Terbium | 159-1 | 15149922 | 14855855 | 15189879 | 15065219 | 1.21 | cps |
| Terbium | 159-2 | 10181865 | 10331180 | 10264935 | 10259327 | 0.73 | cps |
| Thallium | 203-1 | 2844 | 2794 | 2797 | 2811 | 0.99 | cps |
| Thallium | 205-1 | 6668 | 6645 | 6512 | 6608 | 1.28 | cps |
| Tin | 118-1 | 503719 | 512883 | 516447 | 511016 | 1.28 | cps |
| Titanium | 47-1 | 753052 | 757448 | 760736 | 757079 | 0.51 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKP5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:12:59 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 58418 | 59178 | 59743 | 59113 | 1.13 | cps |
| Vanadium | 51-2 | 208036 | 208804 | 207502 | 208114 | 0.31 | cps |
| Yttrium | 89-1 | 14202123 | 14035109 | 14224146 | 14153793 | 0.73 | cps |
| Yttrium | 89-2 | 3533035 | 3558074 | 3588657 | 3559922 | 0.78 | cps |
| Zinc | 66-2 | 1313757 | 1305019 | 1318633 | 1312470 | 0.53 | cps |
| Zirconium | 90-1 | 70595 | 72042 | 71241 | 71293 | 1.02 | cps |
| Zirconium | 91-1 | 16256 | 16252 | 16376 | 16295 | 0.43 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKX2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:16:05 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2121003 | 2128235 | 2104321 | 2117853 | 0.58 | cps |
| Antimony | 121-1 | 310568 | 312040 | 309346 | 310652 | 0.43 | cps |
| Arsenic | 75-2 | 57611 | 57263 | 57350 | 57408 | 0.32 | cps |
| Barium | 135-1 | 207224 | 208764 | 208531 | 208173 | 0.40 | cps |
| Barium | 137-1 | 360933 | 363602 | 364237 | 362924 | 0.48 | cps |
| Beryllium | 9-1 | 390 | 390 | 320 | 367 | 11.02 | cps |
| Bismuth | 209-1 | 9115843 | 9116239 | 8887556 | 9039879 | 1.46 | cps |
| Bismuth | 209-2 | 7504287 | 7469031 | 7495296 | 7489538 | 0.24 | cps |
| Bromine | 81-1 | 48941 | 52914 | 54530 | 52128 | 5.52 | cps |
| Bromine | 81-2 | 7379 | 7088 | 7555 | 7341 | 3.21 | cps |
| Cadmium | 108-1 | 310 | 283 | 313 | 302 | 5.44 | cps |
| Cadmium | 106-1 | 3664 | 3627 | 3634 | 3642 | 0.54 | cps |
| Cadmium | 111-1 | 4791 | 4794 | 4758 | 4781 | 0.42 | cps |
| Calcium | 43-1 | 2194618 | 2207302 | 2203452 | 2201790 | 0.30 | cps |
| Calcium | 44-1 | 35132549 | 34819829 | 34452276 | 34801552 | 0.98 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 200352 | 199649 | 200514 | 200172 | 0.23 | cps |
| Cobalt | 59-2 | 82354 | 81858 | 80578 | 81597 | 1.12 | cps |
| Copper | 63-2 | 5020081 | 4927925 | 4965613 | 4971206 | 0.93 | cps |
| Dysprosium | 156-1 | 28068 | 28793 | 28435 | 28432 | 1.27 | cps |
| Dysprosium | 156-2 | 22194 | 21927 | 22465 | 22195 | 1.21 | cps |
| Erbium | 164-1 | 24495 | 24979 | 24882 | 24785 | 1.03 | cps |
| Erbium | 164-2 | 17438 | 17378 | 17121 | 17312 | 0.97 | cps |
| Gadolinium | 160-1 | 27187 | 27858 | 27587 | 27544 | 1.23 | cps |
| Gadolinium | 160-2 | 21063 | 20966 | 20882 | 20970 | 0.43 | cps |
| Holmium | 165-1 | 15128130 | 14775026 | 14586397 | 14829851 | 1.85 | cps |
| Holmium | 165-2 | 10495744 | 10289273 | 10276120 | 10353712 | 1.19 | cps |
| Indium | 115-1 | 12103938 | 11763222 | 11601125 | 11822762 | 2.17 | cps |
| Indium | 115-2 | 4074881 | 4082317 | 4040855 | 4066018 | 0.54 | cps |
| Iron | 56-2 | 140435311 | 139534295 | 138420651 | 139463419 | 0.72 | cps |
| Iron | 57-2 | 3453738 | 3456023 | 3449767 | 3453176 | 0.09 | cps |
| Iron | 54-2 | 7474603 | 7499005 | 7488478 | 7487362 | 0.16 | cps |
| Krypton | 83-1 | 267 | 190 | 230 | 229 | 16.75 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKX2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:16:05 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3830541 | 3939728 | 3928406 | 3899558 | 1.54 | cps |
| Lead | 207-1 | 3408535 | 3519205 | 3432482 | 3453407 | 1.69 | cps |
| Lead | 208-1 | 15330911 | 15834920 | 15646615 | 15604149 | 1.63 | cps |
| Lithium | 6-1 | 1717722 | 1697258 | 1682034 | 1699005 | 1.05 | cps |
| Magnesium | 24-2 | 1948462 | 1972550 | 1949764 | 1956925 | 0.69 | cps |
| Manganese | 55-2 | 454105 | 457095 | 455078 | 455426 | 0.33 | cps |
| Molybdenum | 94-1 | 57747 | 58299 | 57817 | 57954 | 0.52 | cps |
| Molybdenum | 95-1 | 45283 | 45701 | 45383 | 45456 | 0.48 | cps |
| Molybdenum | 96-1 | 56836 | 56619 | 56699 | 56718 | 0.19 | cps |
| Molybdenum | 97-1 | 28625 | 29206 | 27947 | 28592 | 2.20 | cps |
| Molybdenum | 98-1 | 74462 | 73628 | 74090 | 74060 | 0.56 | cps |
| Neodymium | 150-1 | 44326 | 46359 | 44697 | 45127 | 2.40 | cps |
| Neodymium | 150-2 | 27150 | 27357 | 26729 | 27078 | 1.18 | cps |
| Nickel | 60-2 | 58072 | 57640 | 57975 | 57896 | 0.39 | cps |
| Phosphorus | 31-2 | 14864 | 14704 | 14357 | 14642 | 1.77 | cps |
| Potassium | 39-2 | 799116 | 797576 | 802277 | 799656 | 0.30 | cps |
| Rhodium | 103-1 | 10935289 | 10508209 | 10486611 | 10643370 | 2.38 | cps |
| Rhodium | 103-2 | 6279969 | 6272214 | 6242932 | 6265039 | 0.31 | cps |
| Scandium | 45-1 | 6392738 | 6068440 | 6001481 | 6154220 | 3.40 | cps |
| Scandium | 45-2 | 487597 | 479880 | 480597 | 482691 | 0.88 | cps |
| Selenium | 82-1 | 293 | 400 | 332 | 341 | 15.94 | cps |
| Selenium | 77-2 | 87 | 77 | 113 | 92 | 20.55 | cps |
| Selenium | 78-2 | 470 | 480 | 500 | 483 | 3.16 | cps |
| Silicon | 28-1 | 15823591 | 15735413 | 15830083 | 15796362 | 0.33 | cps |
| Silver | 107-1 | 31307 | 30836 | 30943 | 31029 | 0.80 | cps |
| Silver | 109-1 | 29868 | 29510 | 29116 | 29498 | 1.27 | cps |
| Sodium | 23-2 | 7237990 | 7172032 | 7159065 | 7189696 | 0.59 | cps |
| Strontium | 86-1 | 1726783 | 1710656 | 1690716 | 1709385 | 1.06 | cps |
| Strontium | 88-1 | 14751163 | 14866391 | 14706776 | 14774777 | 0.56 | cps |
| Sulfur | 34-1 | 637610 | 642072 | 639517 | 639733 | 0.35 | cps |
| Terbium | 159-1 | 15659116 | 15045729 | 14940878 | 15215241 | 2.55 | cps |
| Terbium | 159-2 | 10122305 | 10007408 | 10083681 | 10071131 | 0.58 | cps |
| Thallium | 203-1 | 2034 | 2074 | 2097 | 2068 | 1.55 | cps |
| Thallium | 205-1 | 4834 | 4998 | 5218 | 5017 | 3.84 | cps |
| Tin | 118-1 | 690726 | 698639 | 692188 | 693851 | 0.61 | cps |
| Titanium | 47-1 | 865895 | 861759 | 863697 | 863784 | 0.24 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKX2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:16:05 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 119105 | 121662 | 121025 | 120597 | 1.10 | cps |
| Vanadium | 51-2 | 187009 | 187843 | 186881 | 187244 | 0.28 | cps |
| Yttrium | 89-1 | 14324763 | 14035223 | 13706787 | 14022258 | 2.21 | cps |
| Yttrium | 89-2 | 3483721 | 3503740 | 3467158 | 3484873 | 0.53 | cps |
| Zinc | 66-2 | 309536 | 308257 | 306587 | 308127 | 0.48 | cps |
| Zirconium | 90-1 | 85631 | 86000 | 86641 | 86090 | 0.59 | cps |
| Zirconium | 91-1 | 19056 | 18942 | 19239 | 19079 | 0.79 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL82 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:19:07 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2131680 | 2107576 | 2101394 | 2113550 | 0.76 | cps |
| Antimony | 121-1 | 409077 | 412804 | 418067 | 413316 | 1.09 | cps |
| Arsenic | 75-2 | 116026 | 115461 | 114961 | 115482 | 0.46 | cps |
| Barium | 135-1 | 278386 | 279543 | 282272 | 280067 | 0.71 | cps |
| Barium | 137-1 | 479561 | 481912 | 485597 | 482357 | 0.63 | cps |
| Beryllium | 9-1 | 303 | 353 | 320 | 326 | 7.82 | cps |
| Bismuth | 209-1 | 9275554 | 9168955 | 9048017 | 9164176 | 1.24 | cps |
| Bismuth | 209-2 | 7714509 | 7656527 | 7573424 | 7648153 | 0.93 | cps |
| Bromine | 81-1 | 56929 | 61213 | 62719 | 60287 | 4.98 | cps |
| Bromine | 81-2 | 8596 | 8773 | 8833 | 8734 | 1.41 | cps |
| Cadmium | 108-1 | 373 | 400 | 453 | 409 | 9.96 | cps |
| Cadmium | 106-1 | 4014 | 3981 | 3620 | 3872 | 5.63 | cps |
| Cadmium | 111-1 | 6506 | 6600 | 6168 | 6425 | 3.54 | cps |
| Calcium | 43-1 | 175080 | 178512 | 180621 | 178071 | 1.57 | cps |
| Calcium | 44-1 | 2691374 | 2720065 | 2731007 | 2714149 | 0.75 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 142431 | 142916 | 140571 | 141973 | 0.87 | cps |
| Cobalt | 59-2 | 159777 | 158924 | 160275 | 159659 | 0.43 | cps |
| Copper | 63-2 | 17696790 | 17976863 | 17773177 | 17815610 | 0.81 | cps |
| Dysprosium | 156-1 | 23934 | 23817 | 24505 | 24085 | 1.53 | cps |
| Dysprosium | 156-2 | 19123 | 19096 | 19156 | 19125 | 0.16 | cps |
| Erbium | 164-1 | 21450 | 21173 | 21580 | 21401 | 0.97 | cps |
| Erbium | 164-2 | 15358 | 15375 | 14781 | 15172 | 2.23 | cps |
| Gadolinium | 160-1 | 23774 | 23907 | 23570 | 23750 | 0.72 | cps |
| Gadolinium | 160-2 | 18309 | 18549 | 17891 | 18250 | 1.82 | cps |
| Holmium | 165-1 | 15338604 | 14839745 | 14888584 | 15022311 | 1.83 | cps |
| Holmium | 165-2 | 10675051 | 10753839 | 10537874 | 10655588 | 1.03 | cps |
| Indium | 115-1 | 12302544 | 11981524 | 12072089 | 12118719 | 1.37 | cps |
| Indium | 115-2 | 4288456 | 4309306 | 4246203 | 4281322 | 0.75 | cps |
| Iron | 56-2 | 108648592 | 108261028 | 107606692 | 108172104 | 0.49 | cps |
| Iron | 57-2 | 2679678 | 2727474 | 2650513 | 2685888 | 1.45 | cps |
| Iron | 54-2 | 5851498 | 5825088 | 5851498 | 5842695 | 0.26 | cps |
| Krypton | 83-1 | 263 | 270 | 217 | 250 | 11.62 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL82 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:19:07 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2553221 | 2583537 | 2589587 | 2575448 | 0.76 | cps |
| Lead | 207-1 | 2309375 | 2264516 | 2276021 | 2283304 | 1.02 | cps |
| Lead | 208-1 | 10342072 | 10462514 | 10316425 | 10373671 | 0.75 | cps |
| Lithium | 6-1 | 1715472 | 1657670 | 1642853 | 1671998 | 2.29 | cps |
| Magnesium | 24-2 | 2110175 | 2116864 | 2109863 | 2112300 | 0.19 | cps |
| Manganese | 55-2 | 622954 | 624573 | 621351 | 622959 | 0.26 | cps |
| Molybdenum | 94-1 | 48854 | 50664 | 50209 | 49909 | 1.89 | cps |
| Molybdenum | 95-1 | 41983 | 42585 | 43087 | 42552 | 1.30 | cps |
| Molybdenum | 96-1 | 50731 | 51928 | 52601 | 51753 | 1.83 | cps |
| Molybdenum | 97-1 | 26057 | 26982 | 27159 | 26732 | 2.21 | cps |
| Molybdenum | 98-1 | 67605 | 69762 | 69477 | 68948 | 1.70 | cps |
| Neodymium | 150-1 | 36731 | 37420 | 38138 | 37430 | 1.88 | cps |
| Neodymium | 150-2 | 22281 | 23162 | 22581 | 22675 | 1.98 | cps |
| Nickel | 60-2 | 49401 | 49702 | 49776 | 49626 | 0.40 | cps |
| Phosphorus | 31-2 | 10624 | 10761 | 10340 | 10575 | 2.03 | cps |
| Potassium | 39-2 | 990807 | 993717 | 984204 | 989576 | 0.49 | cps |
| Rhodium | 103-1 | 11129039 | 10938044 | 11069807 | 11045630 | 0.89 | cps |
| Rhodium | 103-2 | 6696453 | 6585796 | 6517809 | 6600020 | 1.37 | cps |
| Scandium | 45-1 | 6403501 | 6267873 | 6317876 | 6329750 | 1.08 | cps |
| Scandium | 45-2 | 524174 | 521173 | 519774 | 521707 | 0.43 | cps |
| Selenium | 82-1 | 329 | 337 | 382 | 350 | 8.14 | cps |
| Selenium | 77-2 | 107 | 77 | 47 | 77 | 39.13 | cps |
| Selenium | 78-2 | 570 | 573 | 627 | 590 | 5.39 | cps |
| Silicon | 28-1 | 20803026 | 21143911 | 21117022 | 21021319 | 0.90 | cps |
| Silver | 107-1 | 96625 | 98300 | 99088 | 98005 | 1.28 | cps |
| Silver | 109-1 | 91171 | 93080 | 94260 | 92837 | 1.68 | cps |
| Sodium | 23-2 | 6829065 | 6908992 | 6931617 | 6889891 | 0.78 | cps |
| Strontium | 86-1 | 199759 | 202088 | 204754 | 202200 | 1.24 | cps |
| Strontium | 88-1 | 1793451 | 1832494 | 1816319 | 1814088 | 1.08 | cps |
| Sulfur | 34-1 | 555544 | 561092 | 559907 | 558848 | 0.52 | cps |
| Terbium | 159-1 | 15539732 | 15398454 | 15097872 | 15345353 | 1.47 | cps |
| Terbium | 159-2 | 10419169 | 10402664 | 10482617 | 10434817 | 0.40 | cps |
| Thallium | 203-1 | 5791 | 5815 | 5881 | 5829 | 0.80 | cps |
| Thallium | 205-1 | 13764 | 13947 | 13921 | 13877 | 0.71 | cps |
| Tin | 118-1 | 198506 | 199522 | 201015 | 199681 | 0.63 | cps |
| Titanium | 47-1 | 693074 | 709894 | 708762 | 703910 | 1.34 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL82 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:19:07 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 95080 | 95674 | 95531 | 95428 | 0.32 | cps |
| Vanadium | 51-2 | 130696 | 130074 | 131641 | 130804 | 0.60 | cps |
| Yttrium | 89-1 | 14576058 | 14192358 | 14196222 | 14321546 | 1.54 | cps |
| Yttrium | 89-2 | 3684676 | 3671765 | 3652104 | 3669515 | 0.45 | cps |
| Zinc | 66-2 | 692417 | 696628 | 696132 | 695059 | 0.33 | cps |
| Zirconium | 90-1 | 68308 | 70036 | 70474 | 69606 | 1.65 | cps |
| Zirconium | 91-1 | 15345 | 15628 | 16189 | 15721 | 2.73 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL83 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:22:13 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1861962 | 1829701 | 1832774 | 1841479 | 0.97 | cps |
| Antimony | 121-1 | 19697 | 20161 | 20495 | 20118 | 1.99 | cps |
| Arsenic | 75-2 | 6745 | 6498 | 6305 | 6516 | 3.39 | cps |
| Barium | 135-1 | 63032 | 64348 | 64783 | 64054 | 1.42 | cps |
| Barium | 137-1 | 109633 | 112954 | 112389 | 111659 | 1.59 | cps |
| Beryllium | 9-1 | 230 | 287 | 203 | 240 | 17.73 | cps |
| Bismuth | 209-1 | 9429334 | 9011346 | 8892405 | 9111029 | 3.10 | cps |
| Bismuth | 209-2 | 6847044 | 7836509 | 7636318 | 7439957 | 7.03 | cps |
| Bromine | 81-1 | 61645 | 70129 | 73160 | 68311 | 8.74 | cps |
| Bromine | 81-2 | 10847 | 10494 | 10410 | 10584 | 2.19 | cps |
| Cadmium | 108-1 | 167 | 180 | 173 | 173 | 3.85 | cps |
| Cadmium | 106-1 | 3737 | 3424 | 3380 | 3514 | 5.54 | cps |
| Cadmium | 111-1 | 4163 | 4051 | 3765 | 3993 | 5.14 | cps |
| Calcium | 43-1 | 126956 | 130569 | 127564 | 128363 | 1.51 | cps |
| Calcium | 44-1 | 1942518 | 2007532 | 2004263 | 1984771 | 1.85 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 136215 | 134009 | 133938 | 134720 | 0.96 | cps |
| Cobalt | 59-2 | 40337 | 40154 | 40247 | 40246 | 0.23 | cps |
| Copper | 63-2 | 435445 | 428399 | 426913 | 430252 | 1.06 | cps |
| Dysprosium | 156-1 | 23113 | 24081 | 24618 | 23937 | 3.19 | cps |
| Dysprosium | 156-2 | 19660 | 20084 | 19143 | 19629 | 2.40 | cps |
| Erbium | 164-1 | 20756 | 21507 | 21931 | 21398 | 2.78 | cps |
| Erbium | 164-2 | 15432 | 15746 | 15405 | 15528 | 1.22 | cps |
| Gadolinium | 160-1 | 23410 | 24138 | 24104 | 23884 | 1.72 | cps |
| Gadolinium | 160-2 | 18532 | 18142 | 17915 | 18196 | 1.72 | cps |
| Holmium | 165-1 | 15792571 | 15039468 | 15070197 | 15300745 | 2.79 | cps |
| Holmium | 165-2 | 9640292 | 11002134 | 10497994 | 10380140 | 6.63 | cps |
| Indium | 115-1 | 12704187 | 12050086 | 12046595 | 12266956 | 3.09 | cps |
| Indium | 115-2 | 3820660 | 4421231 | 4179696 | 4140529 | 7.30 | cps |
| Iron | 56-2 | 50896259 | 50139571 | 49891561 | 50309130 | 1.04 | cps |
| Iron | 57-2 | 1265469 | 1252394 | 1248242 | 1255368 | 0.72 | cps |
| Iron | 54-2 | 2774684 | 2693020 | 2694222 | 2720642 | 1.72 | cps |
| Krypton | 83-1 | 293 | 200 | 197 | 230 | 23.86 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL83 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:22:13 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 176113 | 179046 | 180636 | 178598 | 1.28 | cps |
| Lead | 207-1 | 153261 | 155998 | 156964 | 155407 | 1.24 | cps |
| Lead | 208-1 | 700190 | 711213 | 712470 | 707958 | 0.95 | cps |
| Lithium | 6-1 | 1809102 | 1681230 | 1717851 | 1736061 | 3.79 | cps |
| Magnesium | 24-2 | 2025486 | 2005550 | 1997717 | 2009585 | 0.71 | cps |
| Manganese | 55-2 | 480867 | 470811 | 474502 | 475393 | 1.07 | cps |
| Molybdenum | 94-1 | 33067 | 34116 | 33505 | 33563 | 1.57 | cps |
| Molybdenum | 95-1 | 9320 | 9433 | 9406 | 9386 | 0.63 | cps |
| Molybdenum | 96-1 | 15295 | 15538 | 15815 | 15549 | 1.68 | cps |
| Molybdenum | 97-1 | 5678 | 6095 | 6121 | 5965 | 4.17 | cps |
| Molybdenum | 98-1 | 15428 | 15188 | 15755 | 15457 | 1.84 | cps |
| Neodymium | 150-1 | 38429 | 40618 | 39158 | 39402 | 2.83 | cps |
| Neodymium | 150-2 | 23443 | 23049 | 23576 | 23356 | 1.17 | cps |
| Nickel | 60-2 | 41541 | 41170 | 40702 | 41137 | 1.02 | cps |
| Phosphorus | 31-2 | 9396 | 9543 | 9093 | 9344 | 2.46 | cps |
| Potassium | 39-2 | 817131 | 805737 | 804132 | 809000 | 0.88 | cps |
| Rhodium | 103-1 | 11685409 | 11142005 | 11038314 | 11288576 | 3.08 | cps |
| Rhodium | 103-2 | 6061078 | 6814829 | 6587498 | 6487802 | 5.96 | cps |
| Scandium | 45-1 | 6702462 | 6339303 | 6353191 | 6464985 | 3.18 | cps |
| Scandium | 45-2 | 465892 | 534340 | 513464 | 504565 | 6.95 | cps |
| Selenium | 82-1 | 272 | 296 | 292 | 287 | 4.52 | cps |
| Selenium | 77-2 | 103 | 80 | 60 | 81 | 26.74 | cps |
| Selenium | 78-2 | 477 | 473 | 637 | 529 | 17.65 | cps |
| Silicon | 28-1 | 17113608 | 17589987 | 17319481 | 17341025 | 1.38 | cps |
| Silver | 107-1 | 3297 | 3030 | 2780 | 3036 | 8.51 | cps |
| Silver | 109-1 | 3007 | 2577 | 2427 | 2670 | 11.28 | cps |
| Sodium | 23-2 | 4808420 | 4766589 | 4751595 | 4775534 | 0.62 | cps |
| Strontium | 86-1 | 130301 | 132923 | 131494 | 131573 | 1.00 | cps |
| Strontium | 88-1 | 1118261 | 1154546 | 1149792 | 1140866 | 1.73 | cps |
| Sulfur | 34-1 | 289925 | 286897 | 284565 | 287129 | 0.94 | cps |
| Terbium | 159-1 | 15979734 | 15165601 | 15343569 | 15496301 | 2.76 | cps |
| Terbium | 159-2 | 9442615 | 10851397 | 10418625 | 10237546 | 7.05 | cps |
| Thallium | 203-1 | 2107 | 2114 | 2074 | 2098 | 1.02 | cps |
| Thallium | 205-1 | 5064 | 5238 | 5364 | 5222 | 2.88 | cps |
| Tin | 118-1 | 11775 | 12355 | 12562 | 12231 | 3.34 | cps |
| Titanium | 47-1 | 795443 | 817845 | 817694 | 810328 | 1.59 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL83 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:22:13 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 87630 | 90264 | 88479 | 88791 | 1.51 | cps |
| Vanadium | 51-2 | 127520 | 125553 | 125560 | 126211 | 0.90 | cps |
| Yttrium | 89-1 | 14877254 | 14508095 | 14194852 | 14526734 | 2.35 | cps |
| Yttrium | 89-2 | 3311311 | 3804316 | 3632950 | 3582859 | 6.99 | cps |
| Zinc | 66-2 | 57430 | 56918 | 57507 | 57285 | 0.56 | cps |
| Zirconium | 90-1 | 73858 | 76293 | 75205 | 75119 | 1.62 | cps |
| Zirconium | 91-1 | 16696 | 16726 | 17003 | 16809 | 1.01 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:25:23 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4879683 | 4778842 | 4773463 | 4810663 | 1.24 | cps |
| Antimony | 121-1 | 2937202 | 3014912 | 2995038 | 2982384 | 1.35 | cps |
| Arsenic | 75-2 | 353226 | 349278 | 349117 | 350540 | 0.66 | cps |
| Barium | 135-1 | 3068850 | 3104428 | 3115944 | 3096407 | 0.79 | cps |
| Barium | 137-1 | 5175527 | 5255731 | 5330039 | 5253766 | 1.47 | cps |
| Beryllium | 9-1 | 667 | 710 | 847 | 741 | 12.68 | cps |
| Bismuth | 209-1 | 9017111 | 8791800 | 9059963 | 8956291 | 1.61 | cps |
| Bismuth | 209-2 | 7623852 | 7470197 | 7445097 | 7513049 | 1.29 | cps |
| Bromine | 81-1 | 55142 | 58288 | 60165 | 57865 | 4.39 | cps |
| Bromine | 81-2 | 8062 | 8072 | 8229 | 8121 | 1.15 | cps |
| Cadmium | 108-1 | 2264 | 2197 | 2317 | 2259 | 2.66 | cps |
| Cadmium | 106-1 | 6998 | 6652 | 7135 | 6928 | 3.60 | cps |
| Cadmium | 111-1 | 18749 | 19020 | 19218 | 18996 | 1.24 | cps |
| Calcium | 43-1 | 1527421 | 1544616 | 1568525 | 1546854 | 1.33 | cps |
| Calcium | 44-1 | 24302621 | 24702716 | 24624503 | 24543280 | 0.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 183066 | 183778 | 183758 | 183534 | 0.22 | cps |
| Cobalt | 59-2 | 1372770 | 1366526 | 1362831 | 1367376 | 0.37 | cps |
| Copper | 63-2 | 11664479 | 11619577 | 11539724 | 11607927 | 0.54 | cps |
| Dysprosium | 156-1 | 33593 | 34342 | 34188 | 34041 | 1.16 | cps |
| Dysprosium | 156-2 | 26979 | 27988 | 27617 | 27528 | 1.85 | cps |
| Erbium | 164-1 | 31619 | 32541 | 32785 | 32315 | 1.90 | cps |
| Erbium | 164-2 | 23099 | 22428 | 22294 | 22607 | 1.91 | cps |
| Gadolinium | 160-1 | 32244 | 32514 | 33343 | 32700 | 1.75 | cps |
| Gadolinium | 160-2 | 24765 | 25019 | 24562 | 24782 | 0.92 | cps |
| Holmium | 165-1 | 15032395 | 14981288 | 15015220 | 15009634 | 0.17 | cps |
| Holmium | 165-2 | 10616204 | 10598056 | 10513206 | 10575822 | 0.52 | cps |
| Indium | 115-1 | 12789900 | 12837826 | 12799010 | 12808912 | 0.20 | cps |
| Indium | 115-2 | 4467046 | 4421107 | 4429545 | 4439233 | 0.55 | cps |
| Iron | 56-2 | 592456778 | 592247738 | 587843805 | 590849440 | 0.44 | cps |
| Iron | 57-2 | 14630921 | 14567422 | 14527845 | 14575396 | 0.36 | cps |
| Iron | 54-2 | 31767240 | 32135770 | 31552567 | 31818526 | 0.93 | cps |
| Krypton | 83-1 | 303 | 293 | 247 | 281 | 10.76 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:25:23 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 13437246 | 13457508 | 13667965 | 13520906 | 0.94 | cps |
| Lead | 207-1 | 11656756 | 11747760 | 11964062 | 11789526 | 1.34 | cps |
| Lead | 208-1 | 53508995 | 53903287 | 54545892 | 53986058 | 0.97 | cps |
| Lithium | 6-1 | 1722458 | 1721868 | 1672466 | 1705597 | 1.68 | cps |
| Magnesium | 24-2 | 5554248 | 5538723 | 5449194 | 5514055 | 1.03 | cps |
| Manganese | 55-2 | 3365288 | 3362843 | 3313688 | 3347273 | 0.87 | cps |
| Molybdenum | 94-1 | 147837 | 152541 | 153899 | 151426 | 2.10 | cps |
| Molybdenum | 95-1 | 110093 | 112854 | 113399 | 112115 | 1.58 | cps |
| Molybdenum | 96-1 | 142095 | 143274 | 143627 | 142999 | 0.56 | cps |
| Molybdenum | 97-1 | 69193 | 70978 | 71072 | 70414 | 1.50 | cps |
| Molybdenum | 98-1 | 180409 | 181938 | 183669 | 182005 | 0.90 | cps |
| Neodymium | 150-1 | 53270 | 53394 | 54097 | 53587 | 0.83 | cps |
| Neodymium | 150-2 | 32023 | 30850 | 31465 | 31446 | 1.87 | cps |
| Nickel | 60-2 | 79442 | 79295 | 79640 | 79459 | 0.22 | cps |
| Phosphorus | 31-2 | 11531 | 11324 | 11554 | 11470 | 1.10 | cps |
| Potassium | 39-2 | 2168469 | 2177134 | 2163542 | 2169715 | 0.32 | cps |
| Rhodium | 103-1 | 11053122 | 10944360 | 11072281 | 11023254 | 0.63 | cps |
| Rhodium | 103-2 | 6632624 | 6602254 | 6529126 | 6588001 | 0.81 | cps |
| Scandium | 45-1 | 6563134 | 6435859 | 6450686 | 6483227 | 1.07 | cps |
| Scandium | 45-2 | 535535 | 534839 | 527776 | 532717 | 0.81 | cps |
| Selenium | 82-1 | 540 | 559 | 653 | 584 | 10.42 | cps |
| Selenium | 77-2 | 97 | 107 | 127 | 110 | 13.89 | cps |
| Selenium | 78-2 | 560 | 603 | 567 | 577 | 4.05 | cps |
| Silicon | 28-1 | 40413919 | 41305948 | 41272378 | 40997415 | 1.23 | cps |
| Silver | 107-1 | 81061 | 83344 | 82677 | 82361 | 1.43 | cps |
| Silver | 109-1 | 76943 | 79386 | 81004 | 79111 | 2.58 | cps |
| Sodium | 23-2 | 10138549 | 10069135 | 10000270 | 10069318 | 0.69 | cps |
| Strontium | 86-1 | 2191844 | 2222973 | 2266940 | 2227252 | 1.69 | cps |
| Strontium | 88-1 | 19098253 | 19431908 | 19633795 | 19387985 | 1.39 | cps |
| Sulfur | 34-1 | 490802 | 491617 | 497511 | 493310 | 0.74 | cps |
| Terbium | 159-1 | 15499286 | 15367266 | 15387000 | 15417851 | 0.46 | cps |
| Terbium | 159-2 | 10437853 | 10578361 | 10406627 | 10474280 | 0.87 | cps |
| Thallium | 203-1 | 3064 | 3074 | 3180 | 3106 | 2.08 | cps |
| Thallium | 205-1 | 7372 | 7539 | 7796 | 7569 | 2.82 | cps |
| Tin | 118-1 | 1111420 | 1139040 | 1143388 | 1131282 | 1.53 | cps |
| Titanium | 47-1 | 1492070 | 1544106 | 1530556 | 1522244 | 1.77 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:25:23 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 187117 | 189229 | 190683 | 189010 | 0.95 | cps |
| Vanadium | 51-2 | 252401 | 250889 | 249486 | 250925 | 0.58 | cps |
| Yttrium | 89-1 | 14712946 | 14483153 | 14638755 | 14611618 | 0.80 | cps |
| Yttrium | 89-2 | 3739793 | 3750112 | 3699934 | 3729946 | 0.71 | cps |
| Zinc | 66-2 | 12202264 | 12130231 | 11846984 | 12059826 | 1.56 | cps |
| Zirconium | 90-1 | 232367 | 239874 | 241165 | 237802 | 2.00 | cps |
| Zirconium | 91-1 | 53095 | 53982 | 54005 | 53694 | 0.97 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:28:21 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1762217 | 1770789 | 1777898 | 1770301 | 0.44 | cps |
| Antimony | 121-1 | 130381 | 128773 | 128756 | 129304 | 0.72 | cps |
| Arsenic | 75-2 | 18865 | 18926 | 18869 | 18887 | 0.18 | cps |
| Barium | 135-1 | 101643 | 101568 | 102791 | 102001 | 0.67 | cps |
| Barium | 137-1 | 176147 | 178785 | 177025 | 177319 | 0.76 | cps |
| Beryllium | 9-1 | 277 | 337 | 283 | 299 | 11.00 | cps |
| Bismuth | 209-1 | 9210475 | 8939358 | 8905247 | 9018360 | 1.85 | cps |
| Bismuth | 209-2 | 7437439 | 7552758 | 7531259 | 7507152 | 0.82 | cps |
| Bromine | 81-1 | 38106 | 40322 | 42431 | 40286 | 5.37 | cps |
| Bromine | 81-2 | 4804 | 4737 | 4904 | 4815 | 1.74 | cps |
| Cadmium | 108-1 | 190 | 183 | 217 | 197 | 8.97 | cps |
| Cadmium | 106-1 | 3997 | 3467 | 3817 | 3761 | 7.17 | cps |
| Cadmium | 111-1 | 4012 | 3659 | 3757 | 3809 | 4.78 | cps |
| Calcium | 43-1 | 686872 | 690956 | 682944 | 686924 | 0.58 | cps |
| Calcium | 44-1 | 10659054 | 10454746 | 10291083 | 10468295 | 1.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 109833 | 109480 | 108124 | 109145 | 0.83 | cps |
| Cobalt | 59-2 | 65217 | 64956 | 64414 | 64863 | 0.63 | cps |
| Copper | 63-2 | 504573 | 504957 | 501618 | 503716 | 0.36 | cps |
| Dysprosium | 156-1 | 28305 | 29107 | 28876 | 28763 | 1.43 | cps |
| Dysprosium | 156-2 | 22288 | 22491 | 22799 | 22526 | 1.14 | cps |
| Erbium | 164-1 | 23286 | 24131 | 24669 | 24029 | 2.90 | cps |
| Erbium | 164-2 | 16633 | 16810 | 16820 | 16755 | 0.63 | cps |
| Gadolinium | 160-1 | 27691 | 27601 | 28082 | 27791 | 0.92 | cps |
| Gadolinium | 160-2 | 20832 | 21039 | 20692 | 20855 | 0.84 | cps |
| Holmium | 165-1 | 15310906 | 14910354 | 14783757 | 15001672 | 1.83 | cps |
| Holmium | 165-2 | 10455369 | 10396426 | 10646228 | 10499341 | 1.24 | cps |
| Indium | 115-1 | 12426129 | 12046016 | 12005083 | 12159076 | 1.91 | cps |
| Indium | 115-2 | 4178345 | 4154737 | 4140214 | 4157765 | 0.46 | cps |
| Iron | 56-2 | 62200774 | 62460506 | 62294879 | 62318720 | 0.21 | cps |
| Iron | 57-2 | 1519225 | 1538787 | 1537239 | 1531750 | 0.71 | cps |
| Iron | 54-2 | 3399375 | 3397306 | 3341566 | 3379416 | 0.97 | cps |
| Krypton | 83-1 | 207 | 253 | 287 | 249 | 16.15 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:28:21 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 565369 | 570403 | 571342 | 569038 | 0.56 | cps |
| Lead | 207-1 | 501701 | 506266 | 503530 | 503832 | 0.46 | cps |
| Lead | 208-1 | 2266641 | 2291355 | 2284715 | 2280904 | 0.56 | cps |
| Lithium | 6-1 | 1713501 | 1701555 | 1676923 | 1697326 | 1.10 | cps |
| Magnesium | 24-2 | 1690870 | 1709323 | 1680577 | 1693590 | 0.86 | cps |
| Manganese | 55-2 | 454854 | 456478 | 453024 | 454785 | 0.38 | cps |
| Molybdenum | 94-1 | 35603 | 36308 | 35914 | 35942 | 0.98 | cps |
| Molybdenum | 95-1 | 9917 | 10287 | 10040 | 10081 | 1.87 | cps |
| Molybdenum | 96-1 | 16660 | 17060 | 17000 | 16907 | 1.28 | cps |
| Molybdenum | 97-1 | 6305 | 6441 | 6305 | 6350 | 1.24 | cps |
| Molybdenum | 98-1 | 16136 | 16259 | 16279 | 16225 | 0.48 | cps |
| Neodymium | 150-1 | 47296 | 47306 | 47088 | 47230 | 0.26 | cps |
| Neodymium | 150-2 | 28268 | 28145 | 28148 | 28187 | 0.25 | cps |
| Nickel | 60-2 | 34760 | 34820 | 34994 | 34858 | 0.35 | cps |
| Phosphorus | 31-2 | 10791 | 10954 | 10544 | 10763 | 1.92 | cps |
| Potassium | 39-2 | 766912 | 764778 | 760272 | 763987 | 0.44 | cps |
| Rhodium | 103-1 | 11294488 | 11192780 | 10985380 | 11157550 | 1.41 | cps |
| Rhodium | 103-2 | 6542039 | 6524635 | 6491562 | 6519412 | 0.39 | cps |
| Scandium | 45-1 | 6741154 | 6349043 | 6252388 | 6447528 | 4.01 | cps |
| Scandium | 45-2 | 509618 | 512454 | 509003 | 510358 | 0.36 | cps |
| Selenium | 82-1 | 264 | 223 | 187 | 225 | 16.98 | cps |
| Selenium | 77-2 | 87 | 100 | 97 | 94 | 7.35 | cps |
| Selenium | 78-2 | 420 | 490 | 367 | 426 | 14.53 | cps |
| Silicon | 28-1 | 16090844 | 16077259 | 16421358 | 16196487 | 1.20 | cps |
| Silver | 107-1 | 4838 | 4691 | 4611 | 4713 | 2.44 | cps |
| Silver | 109-1 | 4744 | 4337 | 4157 | 4413 | 6.81 | cps |
| Sodium | 23-2 | 4233024 | 4284758 | 4276491 | 4264758 | 0.65 | cps |
| Strontium | 86-1 | 709890 | 726683 | 719221 | 718598 | 1.17 | cps |
| Strontium | 88-1 | 6501134 | 6410314 | 6401826 | 6437758 | 0.86 | cps |
| Sulfur | 34-1 | 279463 | 281583 | 281641 | 280896 | 0.44 | cps |
| Terbium | 159-1 | 15525236 | 15170802 | 15306221 | 15334087 | 1.17 | cps |
| Terbium | 159-2 | 10313849 | 10210519 | 10253631 | 10259333 | 0.51 | cps |
| Thallium | 203-1 | 1137 | 1103 | 1040 | 1093 | 4.49 | cps |
| Thallium | 205-1 | 2540 | 2504 | 2544 | 2529 | 0.88 | cps |
| Tin | 118-1 | 29771 | 29580 | 29647 | 29666 | 0.33 | cps |
| Titanium | 47-1 | 877766 | 882501 | 875605 | 878624 | 0.40 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:28:21 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 74809 | 76807 | 76552 | 76056 | 1.43 | cps |
| Vanadium | 51-2 | 141529 | 142807 | 142868 | 142402 | 0.53 | cps |
| Yttrium | 89-1 | 14835994 | 14354840 | 14293561 | 14494798 | 2.05 | cps |
| Yttrium | 89-2 | 3629950 | 3625402 | 3606035 | 3620462 | 0.35 | cps |
| Zinc | 66-2 | 253101 | 254978 | 252114 | 253398 | 0.57 | cps |
| Zirconium | 90-1 | 82011 | 81927 | 82500 | 82146 | 0.38 | cps |
| Zirconium | 91-1 | 17584 | 18715 | 18602 | 18300 | 3.40 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:31:29 | DataFile Name : | 177CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11946771 | 11989559 | 11852821 | 11929717 | 0.59 | cps |
| Antimony | 121-1 | 5969893 | 5949273 | 5972407 | 5963858 | 0.21 | cps |
| Arsenic | 75-2 | 270717 | 267409 | 267572 | 268566 | 0.69 | cps |
| Barium | 135-1 | 7793591 | 7805309 | 7700084 | 7766328 | 0.74 | cps |
| Barium | 137-1 | 13278897 | 13277092 | 13186219 | 13247403 | 0.40 | cps |
| Beryllium | 9-1 | 658059 | 653874 | 655888 | 655940 | 0.32 | cps |
| Bismuth | 209-1 | 7833991 | 7964336 | 7903732 | 7900686 | 0.83 | cps |
| Bismuth | 209-2 | 6604293 | 6647540 | 6649372 | 6633735 | 0.38 | cps |
| Bromine | 81-1 | 16553 | 15865 | 15411 | 15943 | 3.60 | cps |
| Bromine | 81-2 | 310 | 267 | 280 | 286 | 7.77 | cps |
| Cadmium | 108-1 | 106594 | 106262 | 105765 | 106207 | 0.39 | cps |
| Cadmium | 106-1 | 150830 | 152268 | 152510 | 151870 | 0.60 | cps |
| Cadmium | 111-1 | 1395724 | 1400153 | 1410436 | 1402104 | 0.54 | cps |
| Calcium | 43-1 | 7892697 | 7775502 | 7775880 | 7814693 | 0.86 | cps |
| Calcium | 44-1 | 125159778 | 123583638 | 123670278 | 124137898 | 0.71 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2142062 | 2161285 | 2164887 | 2156078 | 0.57 | cps |
| Cobalt | 59-2 | 3377940 | 3371571 | 3374451 | 3374654 | 0.09 | cps |
| Copper | 63-2 | 24098228 | 24154629 | 23757607 | 24003488 | 0.89 | cps |
| Dysprosium | 156-1 | 253 | 333 | 340 | 309 | 15.61 | cps |
| Dysprosium | 156-2 | 470 | 480 | 420 | 457 | 7.04 | cps |
| Erbium | 164-1 | 320 | 313 | 267 | 300 | 9.69 | cps |
| Erbium | 164-2 | 213 | 220 | 170 | 201 | 13.50 | cps |
| Gadolinium | 160-1 | 320 | 293 | 300 | 304 | 4.56 | cps |
| Gadolinium | 160-2 | 533 | 527 | 617 | 559 | 8.97 | cps |
| Holmium | 165-1 | 14080294 | 13852338 | 13846505 | 13926379 | 0.96 | cps |
| Holmium | 165-2 | 9805321 | 10033886 | 9960856 | 9933354 | 1.18 | cps |
| Indium | 115-1 | 10814264 | 10519946 | 10664850 | 10666353 | 1.38 | cps |
| Indium | 115-2 | 3722691 | 3698398 | 3667457 | 3696182 | 0.75 | cps |
| Iron | 56-2 | 510265126 | 508120952 | 502575686 | 506987255 | 0.78 | cps |
| Iron | 57-2 | 12643557 | 12512451 | 12654951 | 12603653 | 0.63 | cps |
| Iron | 54-2 | 27458763 | 27251897 | 27390003 | 27366888 | 0.38 | cps |
| Krypton | 83-1 | 217 | 203 | 217 | 212 | 3.63 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:31:29 | DataFile Name : | 177CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22609041 | 22884671 | 22987529 | 22827080 | 0.86 | cps |
| Lead | 207-1 | 19967437 | 20300559 | 20452323 | 20240106 | 1.23 | cps |
| Lead | 208-1 | 90558156 | 92569241 | 92849729 | 91992376 | 1.36 | cps |
| Lithium | 6-1 | 1569847 | 1540330 | 1567887 | 1559355 | 1.06 | cps |
| Magnesium | 24-2 | 93745255 | 93736335 | 92589969 | 93357186 | 0.71 | cps |
| Manganese | 55-2 | 17060281 | 17115503 | 16985079 | 17053621 | 0.38 | cps |
| Molybdenum | 94-1 | 20832346 | 21004482 | 20807941 | 20881590 | 0.51 | cps |
| Molybdenum | 95-1 | 30166271 | 30291832 | 29959835 | 30139313 | 0.56 | cps |
| Molybdenum | 96-1 | 32921738 | 33217100 | 32705407 | 32948081 | 0.78 | cps |
| Molybdenum | 97-1 | 18753467 | 18829734 | 18611914 | 18731705 | 0.59 | cps |
| Molybdenum | 98-1 | 47998683 | 48247708 | 48130096 | 48125495 | 0.26 | cps |
| Neodymium | 150-1 | 427 | 513 | 483 | 474 | 9.28 | cps |
| Neodymium | 150-2 | 127 | 117 | 163 | 136 | 18.13 | cps |
| Nickel | 60-2 | 809557 | 805927 | 796332 | 803939 | 0.85 | cps |
| Phosphorus | 31-2 | 108548 | 106715 | 104560 | 106608 | 1.87 | cps |
| Potassium | 39-2 | 60277817 | 59693507 | 59140181 | 59703835 | 0.95 | cps |
| Rhodium | 103-1 | 9678225 | 9362959 | 9432964 | 9491383 | 1.74 | cps |
| Rhodium | 103-2 | 5614014 | 5592591 | 5611417 | 5606007 | 0.21 | cps |
| Scandium | 45-1 | 6056318 | 5825774 | 5853073 | 5911722 | 2.13 | cps |
| Scandium | 45-2 | 469064 | 471033 | 463203 | 467767 | 0.87 | cps |
| Selenium | 82-1 | 85606 | 85998 | 85960 | 85855 | 0.25 | cps |
| Selenium | 77-2 | 8176 | 8166 | 8046 | 8129 | 0.89 | cps |
| Selenium | 78-2 | 28380 | 28113 | 27826 | 28107 | 0.99 | cps |
| Silicon | 28-1 | 3657074 | 3623798 | 3637570 | 3639480 | 0.46 | cps |
| Silver | 107-1 | 7272366 | 7301109 | 7286866 | 7286780 | 0.20 | cps |
| Silver | 109-1 | 6999207 | 6952619 | 6932088 | 6961305 | 0.49 | cps |
| Sodium | 23-2 | 153314681 | 151363334 | 150927628 | 151868548 | 0.84 | cps |
| Strontium | 86-1 | 1924513 | 1895631 | 1895348 | 1905164 | 0.88 | cps |
| Strontium | 88-1 | 16472983 | 16712161 | 16675826 | 16620323 | 0.78 | cps |
| Sulfur | 34-1 | 594986 | 592343 | 591374 | 592901 | 0.32 | cps |
| Terbium | 159-1 | 14260174 | 14318457 | 14112305 | 14230312 | 0.75 | cps |
| Terbium | 159-2 | 9784244 | 9682867 | 9681421 | 9716177 | 0.61 | cps |
| Thallium | 203-1 | 5821007 | 5769991 | 5835438 | 5808812 | 0.59 | cps |
| Thallium | 205-1 | 14018644 | 13778373 | 13940334 | 13912450 | 0.88 | cps |
| Tin | 118-1 | 5005157 | 4989052 | 5038756 | 5010988 | 0.51 | cps |
| Titanium | 47-1 | 7252429 | 7190572 | 7183629 | 7208877 | 0.53 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:31:29 | DataFile Name : | 177CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17797145 | 18454313 | 18512742 | 18254733 | 2.18 | cps |
| Vanadium | 51-2 | 1934872 | 1917522 | 1926416 | 1926270 | 0.45 | cps |
| Yttrium | 89-1 | 13083219 | 13046571 | 12951678 | 13027156 | 0.52 | cps |
| Yttrium | 89-2 | 3290803 | 3247684 | 3237952 | 3258813 | 0.86 | cps |
| Zinc | 66-2 | 3895811 | 3900181 | 3917781 | 3904591 | 0.30 | cps |
| Zirconium | 90-1 | 10339519 | 10370198 | 10316971 | 10342229 | 0.26 | cps |
| Zirconium | 91-1 | 2285714 | 2269241 | 2258008 | 2270988 | 0.61 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:34:14 | DataFile Name : | 178CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 847 | 713 | 720 | 760 | 9.89 | cps |
| Antimony | 121-1 | 5155 | 2377 | 2177 | 3236 | 51.43 | cps |
| Arsenic | 75-2 | 17 | 20 | 33 | 23 | 37.78 | cps |
| Barium | 135-1 | 3688 | 760 | 580 | 1676 | 104.10 | cps |
| Barium | 137-1 | 6403 | 1410 | 1027 | 2947 | 101.79 | cps |
| Beryllium | 9-1 | 507 | 157 | 180 | 281 | 69.61 | cps |
| Bismuth | 209-1 | 5191116 | 8959462 | 8817836 | 7656138 | 27.90 | cps |
| Bismuth | 209-2 | 7442121 | 7526243 | 7485181 | 7484515 | 0.56 | cps |
| Bromine | 81-1 | 14664 | 14571 | 15211 | 14815 | 2.34 | cps |
| Bromine | 81-2 | 190 | 257 | 227 | 224 | 14.88 | cps |
| Cadmium | 108-1 | 93 | 30 | 10 | 44 | 97.88 | cps |
| Cadmium | 106-1 | 1793 | 3050 | 2804 | 2549 | 26.12 | cps |
| Cadmium | 111-1 | 1897 | 2284 | 2082 | 2088 | 9.28 | cps |
| Calcium | 43-1 | 4091 | 1147 | 890 | 2043 | 87.08 | cps |
| Calcium | 44-1 | 73005 | 19766 | 16382 | 36385 | 87.29 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1173 | 1120 | 1267 | 1187 | 6.26 | cps |
| Cobalt | 59-2 | 230 | 237 | 233 | 233 | 1.43 | cps |
| Copper | 63-2 | 7819 | 7545 | 7619 | 7661 | 1.85 | cps |
| Dysprosium | 156-1 | 13 | 3 | 7 | 8 | 65.47 | cps |
| Dysprosium | 156-2 | 3 | 0 | 3 | 2 | 86.60 | cps |
| Erbium | 164-1 | 63 | 47 | 73 | 61 | 22.04 | cps |
| Erbium | 164-2 | 33 | 30 | 27 | 30 | 11.10 | cps |
| Gadolinium | 160-1 | 30 | 67 | 37 | 44 | 43.95 | cps |
| Gadolinium | 160-2 | 397 | 423 | 470 | 430 | 8.63 | cps |
| Holmium | 165-1 | 8423520 | 14486717 | 14370299 | 12426845 | 27.90 | cps |
| Holmium | 165-2 | 10240624 | 10248135 | 10237136 | 10241965 | 0.05 | cps |
| Indium | 115-1 | 6585593 | 11521526 | 11462525 | 9856548 | 28.74 | cps |
| Indium | 115-2 | 4058280 | 4078016 | 4050143 | 4062146 | 0.35 | cps |
| Iron | 56-2 | 49307 | 47077 | 43362 | 46582 | 6.45 | cps |
| Iron | 57-2 | 1507 | 1553 | 1433 | 1498 | 4.04 | cps |
| Iron | 54-2 | 3784 | 3894 | 3577 | 3752 | 4.29 | cps |
| Krypton | 83-1 | 270 | 193 | 203 | 222 | 18.75 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:34:14 | DataFile Name : | 178CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 12434 | 3140 | 2544 | 6039 | 91.83 | cps |
| Lead | 207-1 | 10684 | 2947 | 2310 | 5314 | 87.73 | cps |
| Lead | 208-1 | 48787 | 12856 | 10168 | 23937 | 90.08 | cps |
| Lithium | 6-1 | 992245 | 1675573 | 1652206 | 1440008 | 26.94 | cps |
| Magnesium | 24-2 | 5658 | 5311 | 4824 | 5264 | 7.96 | cps |
| Manganese | 55-2 | 1377 | 1303 | 1233 | 1305 | 5.49 | cps |
| Molybdenum | 94-1 | 11368 | 2714 | 2137 | 5406 | 95.65 | cps |
| Molybdenum | 95-1 | 15675 | 3514 | 2807 | 7332 | 98.66 | cps |
| Molybdenum | 96-1 | 17282 | 4164 | 3157 | 8201 | 96.09 | cps |
| Molybdenum | 97-1 | 9589 | 2044 | 1687 | 4440 | 100.52 | cps |
| Molybdenum | 98-1 | 24885 | 5554 | 4027 | 11489 | 101.20 | cps |
| Neodymium | 150-1 | 7 | 3 | 7 | 6 | 34.70 | cps |
| Neodymium | 150-2 | 7 | 10 | 0 | 6 | 91.64 | cps |
| Nickel | 60-2 | 317 | 330 | 317 | 321 | 2.40 | cps |
| Phosphorus | 31-2 | 107 | 110 | 127 | 114 | 9.36 | cps |
| Potassium | 39-2 | 48671 | 48771 | 47808 | 48417 | 1.09 | cps |
| Rhodium | 103-1 | 6037199 | 10386640 | 10534649 | 8986163 | 28.43 | cps |
| Rhodium | 103-2 | 6282163 | 6314059 | 6307901 | 6301374 | 0.27 | cps |
| Scandium | 45-1 | 3389076 | 5937900 | 6038941 | 5121972 | 29.32 | cps |
| Scandium | 45-2 | 479375 | 483789 | 478384 | 480516 | 0.60 | cps |
| Selenium | 82-1 | 81 | 108 | 99 | 96 | 14.52 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 373 | 460 | 363 | 399 | 13.33 | cps |
| Silicon | 28-1 | 585810 | 534201 | 535337 | 551783 | 5.34 | cps |
| Silver | 107-1 | 4448 | 1397 | 1013 | 2286 | 82.33 | cps |
| Silver | 109-1 | 4158 | 1230 | 1070 | 2153 | 80.75 | cps |
| Sodium | 23-2 | 43321 | 42712 | 40918 | 42317 | 2.95 | cps |
| Strontium | 86-1 | 1667 | 637 | 530 | 945 | 66.47 | cps |
| Strontium | 88-1 | 9820 | 2204 | 1543 | 4522 | 101.71 | cps |
| Sulfur | 34-1 | 166348 | 168858 | 170559 | 168588 | 1.26 | cps |
| Terbium | 159-1 | 8532888 | 14668705 | 14680985 | 12627526 | 28.08 | cps |
| Terbium | 159-2 | 9940224 | 10042071 | 10132313 | 10038203 | 0.96 | cps |
| Thallium | 203-1 | 3397 | 1390 | 1143 | 1977 | 62.53 | cps |
| Thallium | 205-1 | 8254 | 3080 | 2650 | 4661 | 66.90 | cps |
| Tin | 118-1 | 3967 | 1743 | 1610 | 2440 | 54.26 | cps |
| Titanium | 47-1 | 3984 | 783 | 567 | 1778 | 107.63 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB050 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB050 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:34:14 | DataFile Name : | 178CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8369 | 1593 | 1113 | 3692 | 109.90 | cps |
| Vanadium | 51-2 | 127 | 120 | 90 | 112 | 17.41 | cps |
| Yttrium | 89-1 | 7549603 | 13276854 | 13232952 | 11353136 | 29.01 | cps |
| Yttrium | 89-2 | 3407248 | 3326749 | 3387979 | 3373992 | 1.25 | cps |
| Zinc | 66-2 | 597 | 553 | 530 | 560 | 6.04 | cps |
| Zirconium | 90-1 | 6376 | 2070 | 1777 | 3408 | 75.56 | cps |
| Zirconium | 91-1 | 1373 | 483 | 437 | 764 | 69.05 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:37:30 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2831918 | 2839339 | 2825926 | 2832394 | 0.24 | cps |
| Antimony | 121-1 | 1103063 | 1121203 | 1131155 | 1118473 | 1.27 | cps |
| Arsenic | 75-2 | 176870 | 174516 | 175136 | 175507 | 0.70 | cps |
| Barium | 135-1 | 636698 | 646535 | 652791 | 645342 | 1.26 | cps |
| Barium | 137-1 | 1105739 | 1127062 | 1130638 | 1121146 | 1.20 | cps |
| Beryllium | 9-1 | 490 | 493 | 497 | 493 | 0.68 | cps |
| Bismuth | 209-1 | 9335680 | 9185189 | 9266834 | 9262568 | 0.81 | cps |
| Bismuth | 209-2 | 7713988 | 7665309 | 7677900 | 7685733 | 0.33 | cps |
| Bromine | 81-1 | 66613 | 71759 | 75970 | 71448 | 6.56 | cps |
| Bromine | 81-2 | 11418 | 11308 | 11344 | 11357 | 0.49 | cps |
| Cadmium | 108-1 | 633 | 703 | 700 | 679 | 5.82 | cps |
| Cadmium | 106-1 | 4197 | 4361 | 4284 | 4281 | 1.91 | cps |
| Cadmium | 111-1 | 8556 | 8898 | 9007 | 8820 | 2.67 | cps |
| Calcium | 43-1 | 687607 | 695249 | 699412 | 694089 | 0.86 | cps |
| Calcium | 44-1 | 10563080 | 10751490 | 10666214 | 10660261 | 0.89 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 157374 | 157321 | 156748 | 157148 | 0.22 | cps |
| Cobalt | 59-2 | 381448 | 381395 | 382813 | 381885 | 0.21 | cps |
| Copper | 63-2 | 9090432 | 8954960 | 9013296 | 9019563 | 0.75 | cps |
| Dysprosium | 156-1 | 25697 | 26622 | 26311 | 26210 | 1.80 | cps |
| Dysprosium | 156-2 | 21022 | 20532 | 21196 | 20917 | 1.65 | cps |
| Erbium | 164-1 | 23473 | 23921 | 24061 | 23818 | 1.29 | cps |
| Erbium | 164-2 | 16934 | 16810 | 16960 | 16901 | 0.47 | cps |
| Gadolinium | 160-1 | 25046 | 24895 | 26301 | 25414 | 3.04 | cps |
| Gadolinium | 160-2 | 19590 | 19287 | 20485 | 19787 | 3.15 | cps |
| Holmium | 165-1 | 15084990 | 15199673 | 15283703 | 15189455 | 0.66 | cps |
| Holmium | 165-2 | 10712472 | 10702140 | 10581566 | 10665393 | 0.68 | cps |
| Indium | 115-1 | 12387218 | 12178118 | 12428576 | 12331304 | 1.09 | cps |
| Indium | 115-2 | 4352729 | 4394049 | 4376486 | 4374421 | 0.47 | cps |
| Iron | 56-2 | 201884917 | 201749170 | 200640457 | 201424848 | 0.34 | cps |
| Iron | 57-2 | 4989576 | 4924023 | 4944448 | 4952683 | 0.68 | cps |
| Iron | 54-2 | 10872351 | 10783933 | 10775155 | 10810479 | 0.50 | cps |
| Krypton | 83-1 | 217 | 253 | 233 | 234 | 7.83 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:37:30 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5517370 | 5528086 | 5558793 | 5534749 | 0.39 | cps |
| Lead | 207-1 | 4871294 | 4905903 | 4928801 | 4901999 | 0.59 | cps |
| Lead | 208-1 | 22203231 | 22254092 | 22499040 | 22318787 | 0.71 | cps |
| Lithium | 6-1 | 1740404 | 1732497 | 1742289 | 1738396 | 0.30 | cps |
| Magnesium | 24-2 | 2863172 | 2833464 | 2861220 | 2852619 | 0.58 | cps |
| Manganese | 55-2 | 1126233 | 1124537 | 1117398 | 1122723 | 0.42 | cps |
| Molybdenum | 94-1 | 69735 | 71962 | 72525 | 71407 | 2.07 | cps |
| Molybdenum | 95-1 | 82913 | 83801 | 84619 | 83778 | 1.02 | cps |
| Molybdenum | 96-1 | 95801 | 96831 | 97226 | 96619 | 0.76 | cps |
| Molybdenum | 97-1 | 51357 | 53156 | 53103 | 52538 | 1.95 | cps |
| Molybdenum | 98-1 | 133672 | 137076 | 137507 | 136085 | 1.54 | cps |
| Neodymium | 150-1 | 40364 | 39622 | 40809 | 40265 | 1.49 | cps |
| Neodymium | 150-2 | 24505 | 23844 | 24298 | 24215 | 1.40 | cps |
| Nickel | 60-2 | 51485 | 51013 | 51217 | 51238 | 0.46 | cps |
| Phosphorus | 31-2 | 9306 | 9006 | 9436 | 9250 | 2.39 | cps |
| Potassium | 39-2 | 1544949 | 1526276 | 1548425 | 1539883 | 0.77 | cps |
| Rhodium | 103-1 | 11151619 | 10943922 | 11082632 | 11059391 | 0.96 | cps |
| Rhodium | 103-2 | 6656275 | 6567462 | 6653906 | 6625881 | 0.76 | cps |
| Scandium | 45-1 | 6456992 | 6406934 | 6374604 | 6412844 | 0.65 | cps |
| Scandium | 45-2 | 521926 | 525323 | 528317 | 525188 | 0.61 | cps |
| Selenium | 82-1 | 434 | 460 | 425 | 440 | 4.20 | cps |
| Selenium | 77-2 | 90 | 67 | 100 | 86 | 19.99 | cps |
| Selenium | 78-2 | 497 | 450 | 530 | 492 | 8.16 | cps |
| Silicon | 28-1 | 26444567 | 26980819 | 26932948 | 26786111 | 1.11 | cps |
| Silver | 107-1 | 79650 | 81664 | 81956 | 81090 | 1.55 | cps |
| Silver | 109-1 | 77824 | 78176 | 78943 | 78314 | 0.73 | cps |
| Sodium | 23-2 | 9791883 | 9697976 | 9868964 | 9786274 | 0.88 | cps |
| Strontium | 86-1 | 726493 | 738710 | 737303 | 734169 | 0.91 | cps |
| Strontium | 88-1 | 6607790 | 6657897 | 6600711 | 6622133 | 0.47 | cps |
| Sulfur | 34-1 | 547939 | 548940 | 549899 | 548926 | 0.18 | cps |
| Terbium | 159-1 | 15552933 | 15313037 | 15509314 | 15458428 | 0.83 | cps |
| Terbium | 159-2 | 10782899 | 10609925 | 10660323 | 10684382 | 0.83 | cps |
| Thallium | 203-1 | 4351 | 4377 | 3977 | 4235 | 5.28 | cps |
| Thallium | 205-1 | 10377 | 10134 | 9734 | 10082 | 3.22 | cps |
| Tin | 118-1 | 477346 | 483720 | 490486 | 483851 | 1.36 | cps |
| Titanium | 47-1 | 716687 | 723430 | 734998 | 725039 | 1.28 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:37:30 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 134645 | 133688 | 133812 | 134048 | 0.39 | cps |
| Vanadium | 51-2 | 179810 | 178020 | 177489 | 178440 | 0.68 | cps |
| Yttrium | 89-1 | 14542819 | 14256620 | 14430090 | 14409843 | 1.00 | cps |
| Yttrium | 89-2 | 3684969 | 3689990 | 3739385 | 3704782 | 0.81 | cps |
| Zinc | 66-2 | 2423287 | 2385025 | 2362987 | 2390433 | 1.28 | cps |
| Zirconium | 90-1 | 62318 | 63543 | 64789 | 63550 | 1.94 | cps |
| Zirconium | 91-1 | 14647 | 15001 | 14370 | 14673 | 2.15 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:40:35 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4068909 | 4047297 | 4099876 | 4072027 | 0.65 | cps |
| Antimony | 121-1 | 1301974 | 1311461 | 1322628 | 1312021 | 0.79 | cps |
| Arsenic | 75-2 | 215931 | 212908 | 214084 | 214308 | 0.71 | cps |
| Barium | 135-1 | 853618 | 866189 | 860257 | 860021 | 0.73 | cps |
| Barium | 137-1 | 1490325 | 1495425 | 1497717 | 1494489 | 0.25 | cps |
| Beryllium | 9-1 | 640 | 693 | 657 | 663 | 4.11 | cps |
| Bismuth | 209-1 | 9165313 | 9240986 | 9118133 | 9174811 | 0.68 | cps |
| Bismuth | 209-2 | 7739775 | 7684831 | 7685455 | 7703354 | 0.41 | cps |
| Bromine | 81-1 | 93041 | 98576 | 100005 | 97207 | 3.78 | cps |
| Bromine | 81-2 | 15655 | 15168 | 15682 | 15502 | 1.87 | cps |
| Cadmium | 108-1 | 943 | 970 | 1080 | 998 | 7.26 | cps |
| Cadmium | 106-1 | 4667 | 4691 | 4674 | 4677 | 0.26 | cps |
| Cadmium | 111-1 | 11310 | 11070 | 11272 | 11217 | 1.15 | cps |
| Calcium | 43-1 | 483584 | 488353 | 488062 | 486666 | 0.55 | cps |
| Calcium | 44-1 | 7451432 | 7464656 | 7544029 | 7486705 | 0.67 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 216411 | 214750 | 215267 | 215476 | 0.39 | cps |
| Cobalt | 59-2 | 518870 | 513992 | 514473 | 515778 | 0.52 | cps |
| Copper | 63-2 | 11303001 | 11400471 | 11265539 | 11323003 | 0.62 | cps |
| Dysprosium | 156-1 | 34041 | 34526 | 34232 | 34266 | 0.71 | cps |
| Dysprosium | 156-2 | 27013 | 27440 | 27180 | 27211 | 0.79 | cps |
| Erbium | 164-1 | 31352 | 32267 | 32738 | 32119 | 2.20 | cps |
| Erbium | 164-2 | 22188 | 22121 | 22184 | 22164 | 0.17 | cps |
| Gadolinium | 160-1 | 33507 | 34152 | 34212 | 33957 | 1.15 | cps |
| Gadolinium | 160-2 | 25276 | 25827 | 24809 | 25304 | 2.01 | cps |
| Holmium | 165-1 | 15251963 | 15353531 | 15213951 | 15273149 | 0.47 | cps |
| Holmium | 165-2 | 10878682 | 10748577 | 10674441 | 10767233 | 0.96 | cps |
| Indium | 115-1 | 12613486 | 12695215 | 12596074 | 12634925 | 0.42 | cps |
| Indium | 115-2 | 4410549 | 4467425 | 4383260 | 4420411 | 0.97 | cps |
| Iron | 56-2 | 267470003 | 265842703 | 264752529 | 266021745 | 0.51 | cps |
| Iron | 57-2 | 6582932 | 6562799 | 6582043 | 6575925 | 0.17 | cps |
| Iron | 54-2 | 14330326 | 14431386 | 14297877 | 14353197 | 0.49 | cps |
| Krypton | 83-1 | 337 | 267 | 273 | 292 | 13.22 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:40:35 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7273842 | 7230477 | 7342880 | 7282400 | 0.78 | cps |
| Lead | 207-1 | 6514003 | 6410260 | 6443400 | 6455888 | 0.82 | cps |
| Lead | 208-1 | 29361890 | 29202728 | 29410311 | 29324976 | 0.37 | cps |
| Lithium | 6-1 | 1667688 | 1687326 | 1717122 | 1690712 | 1.47 | cps |
| Magnesium | 24-2 | 3859747 | 3827058 | 3875310 | 3854038 | 0.64 | cps |
| Manganese | 55-2 | 1519521 | 1502292 | 1517926 | 1513246 | 0.63 | cps |
| Molybdenum | 94-1 | 98347 | 99871 | 100277 | 99498 | 1.02 | cps |
| Molybdenum | 95-1 | 111783 | 113170 | 114275 | 113076 | 1.10 | cps |
| Molybdenum | 96-1 | 130287 | 131105 | 130617 | 130669 | 0.31 | cps |
| Molybdenum | 97-1 | 70921 | 71403 | 70572 | 70965 | 0.59 | cps |
| Molybdenum | 98-1 | 181269 | 183568 | 184185 | 183007 | 0.84 | cps |
| Neodymium | 150-1 | 53240 | 52966 | 53846 | 53350 | 0.84 | cps |
| Neodymium | 150-2 | 31549 | 31599 | 31268 | 31472 | 0.57 | cps |
| Nickel | 60-2 | 74886 | 73130 | 74688 | 74235 | 1.30 | cps |
| Phosphorus | 31-2 | 12175 | 12168 | 12155 | 12166 | 0.08 | cps |
| Potassium | 39-2 | 2098932 | 2040301 | 2057321 | 2065518 | 1.46 | cps |
| Rhodium | 103-1 | 11175604 | 11108161 | 11187516 | 11157093 | 0.38 | cps |
| Rhodium | 103-2 | 6711348 | 6663907 | 6662099 | 6679118 | 0.42 | cps |
| Scandium | 45-1 | 6631228 | 6533481 | 6604336 | 6589682 | 0.77 | cps |
| Scandium | 45-2 | 536893 | 533147 | 532781 | 534274 | 0.43 | cps |
| Selenium | 82-1 | 507 | 551 | 506 | 521 | 4.93 | cps |
| Selenium | 77-2 | 150 | 153 | 127 | 143 | 10.14 | cps |
| Selenium | 78-2 | 590 | 520 | 493 | 534 | 9.34 | cps |
| Silicon | 28-1 | 38134941 | 39114928 | 38662376 | 38637415 | 1.27 | cps |
| Silver | 107-1 | 103005 | 103968 | 104798 | 103924 | 0.86 | cps |
| Silver | 109-1 | 98464 | 98975 | 98743 | 98727 | 0.26 | cps |
| Sodium | 23-2 | 12345665 | 12310757 | 12264346 | 12306923 | 0.33 | cps |
| Strontium | 86-1 | 669731 | 677712 | 677969 | 675138 | 0.69 | cps |
| Strontium | 88-1 | 6013602 | 6027727 | 6130742 | 6057357 | 1.06 | cps |
| Sulfur | 34-1 | 632484 | 630677 | 621821 | 628327 | 0.91 | cps |
| Terbium | 159-1 | 15530231 | 15694267 | 15641579 | 15622026 | 0.54 | cps |
| Terbium | 159-2 | 10505375 | 10777735 | 10616666 | 10633258 | 1.29 | cps |
| Thallium | 203-1 | 4631 | 4671 | 4744 | 4682 | 1.23 | cps |
| Thallium | 205-1 | 10781 | 10611 | 10978 | 10790 | 1.70 | cps |
| Tin | 118-1 | 634465 | 637258 | 639605 | 637109 | 0.40 | cps |
| Titanium | 47-1 | 1005526 | 1014722 | 1020964 | 1013738 | 0.77 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:40:35 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 173830 | 174972 | 171921 | 173575 | 0.89 | cps |
| Vanadium | 51-2 | 253498 | 254847 | 253274 | 253873 | 0.34 | cps |
| Yttrium | 89-1 | 14837232 | 14997106 | 14855018 | 14896452 | 0.59 | cps |
| Yttrium | 89-2 | 3758475 | 3784493 | 3798676 | 3780548 | 0.54 | cps |
| Zinc | 66-2 | 3131438 | 3124590 | 3125950 | 3127326 | 0.12 | cps |
| Zirconium | 90-1 | 95092 | 96263 | 96387 | 95914 | 0.74 | cps |
| Zirconium | 91-1 | 21456 | 21906 | 21856 | 21739 | 1.14 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:43:39 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3123656 | 3163094 | 3150470 | 3145740 | 0.64 | cps |
| Antimony | 121-1 | 1914617 | 1898462 | 1898181 | 1903753 | 0.49 | cps |
| Arsenic | 75-2 | 233441 | 232703 | 234748 | 233630 | 0.44 | cps |
| Barium | 135-1 | 1024116 | 1036571 | 1029305 | 1029997 | 0.61 | cps |
| Barium | 137-1 | 1852425 | 1900787 | 1880066 | 1877759 | 1.29 | cps |
| Beryllium | 9-1 | 573 | 583 | 477 | 544 | 10.82 | cps |
| Bismuth | 209-1 | 9297095 | 9389937 | 9140651 | 9275894 | 1.36 | cps |
| Bismuth | 209-2 | 7685955 | 7822211 | 7643165 | 7717110 | 1.21 | cps |
| Bromine | 81-1 | 64242 | 67409 | 68595 | 66749 | 3.37 | cps |
| Bromine | 81-2 | 9280 | 9443 | 9540 | 9421 | 1.40 | cps |
| Cadmium | 108-1 | 1203 | 1153 | 1313 | 1223 | 6.69 | cps |
| Cadmium | 106-1 | 5248 | 5141 | 5068 | 5152 | 1.76 | cps |
| Cadmium | 111-1 | 13819 | 13259 | 13042 | 13373 | 3.00 | cps |
| Calcium | 43-1 | 2616527 | 2593185 | 2569127 | 2592946 | 0.91 | cps |
| Calcium | 44-1 | 41738867 | 40638156 | 40929307 | 41102110 | 1.39 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 163397 | 163185 | 164732 | 163771 | 0.51 | cps |
| Cobalt | 59-2 | 569131 | 562325 | 565941 | 565799 | 0.60 | cps |
| Copper | 63-2 | 11004650 | 10980500 | 11066487 | 11017212 | 0.40 | cps |
| Dysprosium | 156-1 | 31208 | 30884 | 30677 | 30923 | 0.87 | cps |
| Dysprosium | 156-2 | 24959 | 25009 | 24725 | 24898 | 0.61 | cps |
| Erbium | 164-1 | 28850 | 28750 | 29184 | 28928 | 0.79 | cps |
| Erbium | 164-2 | 19921 | 20428 | 20098 | 20149 | 1.28 | cps |
| Gadolinium | 160-1 | 30386 | 30694 | 30683 | 30588 | 0.57 | cps |
| Gadolinium | 160-2 | 22762 | 23022 | 22545 | 22776 | 1.05 | cps |
| Holmium | 165-1 | 15365121 | 15354369 | 15162824 | 15294105 | 0.74 | cps |
| Holmium | 165-2 | 10676004 | 10782833 | 10571444 | 10676760 | 0.99 | cps |
| Indium | 115-1 | 12899776 | 12596996 | 12382317 | 12626363 | 2.06 | cps |
| Indium | 115-2 | 4268944 | 4412332 | 4370305 | 4350527 | 1.69 | cps |
| Iron | 56-2 | 253945690 | 252314036 | 254497203 | 253585643 | 0.45 | cps |
| Iron | 57-2 | 6230036 | 6264936 | 6206943 | 6233971 | 0.47 | cps |
| Iron | 54-2 | 13587643 | 13464204 | 13498434 | 13516760 | 0.47 | cps |
| Krypton | 83-1 | 313 | 263 | 277 | 284 | 9.10 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:43:39 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8310375 | 8336131 | 8335233 | 8327247 | 0.18 | cps |
| Lead | 207-1 | 7376610 | 7442471 | 7381542 | 7400208 | 0.50 | cps |
| Lead | 208-1 | 33488215 | 33686595 | 33355259 | 33510023 | 0.50 | cps |
| Lithium | 6-1 | 1673420 | 1741014 | 1682066 | 1698833 | 2.17 | cps |
| Magnesium | 24-2 | 3250582 | 3216176 | 3154143 | 3206967 | 1.52 | cps |
| Manganese | 55-2 | 1506370 | 1510493 | 1467595 | 1494819 | 1.58 | cps |
| Molybdenum | 94-1 | 102942 | 102686 | 101307 | 102312 | 0.86 | cps |
| Molybdenum | 95-1 | 92852 | 92218 | 91976 | 92349 | 0.49 | cps |
| Molybdenum | 96-1 | 112199 | 110648 | 110450 | 111099 | 0.86 | cps |
| Molybdenum | 97-1 | 58798 | 58055 | 58259 | 58370 | 0.66 | cps |
| Molybdenum | 98-1 | 150189 | 150408 | 149924 | 150174 | 0.16 | cps |
| Neodymium | 150-1 | 48694 | 48603 | 48593 | 48630 | 0.11 | cps |
| Neodymium | 150-2 | 27971 | 28572 | 28546 | 28363 | 1.20 | cps |
| Nickel | 60-2 | 60321 | 60334 | 60337 | 60331 | 0.01 | cps |
| Phosphorus | 31-2 | 11144 | 11114 | 11011 | 11090 | 0.63 | cps |
| Potassium | 39-2 | 1712297 | 1690899 | 1718883 | 1707360 | 0.86 | cps |
| Rhodium | 103-1 | 11086773 | 10941764 | 10955589 | 10994709 | 0.73 | cps |
| Rhodium | 103-2 | 6428225 | 6571831 | 6444121 | 6481392 | 1.21 | cps |
| Scandium | 45-1 | 6627318 | 6402604 | 6334874 | 6454932 | 2.37 | cps |
| Scandium | 45-2 | 509918 | 518681 | 509322 | 512640 | 1.02 | cps |
| Selenium | 82-1 | 457 | 521 | 557 | 511 | 9.86 | cps |
| Selenium | 77-2 | 107 | 133 | 143 | 128 | 14.83 | cps |
| Selenium | 78-2 | 490 | 567 | 477 | 511 | 9.50 | cps |
| Silicon | 28-1 | 27182893 | 26263960 | 26378802 | 26608552 | 1.88 | cps |
| Silver | 107-1 | 89027 | 88387 | 88290 | 88568 | 0.45 | cps |
| Silver | 109-1 | 84920 | 84692 | 85024 | 84879 | 0.20 | cps |
| Sodium | 23-2 | 9580808 | 9552762 | 9547341 | 9560304 | 0.19 | cps |
| Strontium | 86-1 | 3229573 | 3156652 | 3186059 | 3190762 | 1.15 | cps |
| Strontium | 88-1 | 28234958 | 27499158 | 27634062 | 27789393 | 1.41 | cps |
| Sulfur | 34-1 | 562737 | 554645 | 557782 | 558388 | 0.73 | cps |
| Terbium | 159-1 | 15456344 | 15456062 | 15534475 | 15482294 | 0.29 | cps |
| Terbium | 159-2 | 10529465 | 10686704 | 10553331 | 10589833 | 0.80 | cps |
| Thallium | 203-1 | 4251 | 4501 | 4457 | 4403 | 3.04 | cps |
| Thallium | 205-1 | 10387 | 10521 | 10177 | 10362 | 1.67 | cps |
| Tin | 118-1 | 642593 | 653800 | 639714 | 645369 | 1.15 | cps |
| Titanium | 47-1 | 945270 | 925794 | 916628 | 929231 | 1.57 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKN8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:43:39 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 166556 | 167073 | 168138 | 167256 | 0.48 | cps |
| Vanadium | 51-2 | 202914 | 201925 | 200891 | 201910 | 0.50 | cps |
| Yttrium | 89-1 | 14902913 | 14441485 | 14509530 | 14617976 | 1.70 | cps |
| Yttrium | 89-2 | 3679003 | 3705477 | 3634678 | 3673052 | 0.97 | cps |
| Zinc | 66-2 | 4224356 | 4257612 | 4258420 | 4246796 | 0.46 | cps |
| Zirconium | 90-1 | 133732 | 133536 | 131532 | 132933 | 0.92 | cps |
| Zirconium | 91-1 | 29740 | 30615 | 29446 | 29934 | 2.03 | cps |



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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKQ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:46:42 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4204380 | 4120752 | 4135119 | 4153417 | 1.08 | cps |
| Antimony | 121-1 | 824934 | 847371 | 843435 | 838580 | 1.43 | cps |
| Arsenic | 75-2 | 189236 | 188393 | 187249 | 188293 | 0.53 | cps |
| Barium | 135-1 | 367146 | 377077 | 380247 | 374824 | 1.82 | cps |
| Barium | 137-1 | 643830 | 655001 | 653745 | 650859 | 0.94 | cps |
| Beryllium | 9-1 | 413 | 477 | 420 | 437 | 7.97 | cps |
| Bismuth | 209-1 | 9772774 | 9397700 | 9267875 | 9479450 | 2.77 | cps |
| Bismuth | 209-2 | 7856759 | 7651781 | 7820047 | 7776196 | 1.41 | cps |
| Bromine | 81-1 | 85660 | 93688 | 96526 | 91958 | 6.13 | cps |
| Bromine | 81-2 | 15345 | 15321 | 15502 | 15389 | 0.64 | cps |
| Cadmium | 108-1 | 533 | 617 | 560 | 570 | 7.47 | cps |
| Cadmium | 106-1 | 4454 | 4111 | 4177 | 4247 | 4.29 | cps |
| Cadmium | 111-1 | 8492 | 8234 | 8653 | 8460 | 2.50 | cps |
| Calcium | 43-1 | 349507 | 358590 | 357311 | 355136 | 1.38 | cps |
| Calcium | 44-1 | 5369376 | 5423084 | 5485477 | 5425979 | 1.07 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 178286 | 176294 | 175654 | 176745 | 0.78 | cps |
| Cobalt | 59-2 | 242047 | 242694 | 241170 | 241971 | 0.32 | cps |
| Copper | 63-2 | 18274047 | 17935829 | 18027863 | 18079247 | 0.97 | cps |
| Dysprosium | 156-1 | 21707 | 22745 | 22284 | 22245 | 2.34 | cps |
| Dysprosium | 156-2 | 17828 | 17311 | 17925 | 17688 | 1.87 | cps |
| Erbium | 164-1 | 20041 | 20622 | 21827 | 20830 | 4.37 | cps |
| Erbium | 164-2 | 14581 | 14881 | 14748 | 14737 | 1.02 | cps |
| Gadolinium | 160-1 | 21837 | 22348 | 22148 | 22111 | 1.16 | cps |
| Gadolinium | 160-2 | 16817 | 16860 | 17057 | 16911 | 0.76 | cps |
| Holmium | 165-1 | 15941338 | 15577788 | 15098048 | 15539058 | 2.72 | cps |
| Holmium | 165-2 | 10988352 | 10712072 | 10958403 | 10886275 | 1.39 | cps |
| Indium | 115-1 | 13108966 | 12492875 | 12583404 | 12728415 | 2.61 | cps |
| Indium | 115-2 | 4419497 | 4341756 | 4383149 | 4381467 | 0.89 | cps |
| Iron | 56-2 | 158696481 | 156121894 | 156527841 | 157115405 | 0.88 | cps |
| Iron | 57-2 | 3877800 | 3869642 | 3865533 | 3870992 | 0.16 | cps |
| Iron | 54-2 | 8523129 | 8461486 | 8417961 | 8467525 | 0.62 | cps |
| Krypton | 83-1 | 297 | 207 | 290 | 264 | 18.96 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKQ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:46:42 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4982173 | 5124030 | 5031868 | 5046023 | 1.43 | cps |
| Lead | 207-1 | 4427104 | 4530805 | 4542496 | 4500135 | 1.41 | cps |
| Lead | 208-1 | 20021724 | 20695486 | 20329023 | 20348744 | 1.66 | cps |
| Lithium | 6-1 | 1811866 | 1688462 | 1668920 | 1723083 | 4.50 | cps |
| Magnesium | 24-2 | 3244271 | 3187378 | 3163616 | 3198422 | 1.30 | cps |
| Manganese | 55-2 | 933722 | 935189 | 926484 | 931798 | 0.50 | cps |
| Molybdenum | 94-1 | 53300 | 54501 | 55023 | 54275 | 1.63 | cps |
| Molybdenum | 95-1 | 49309 | 51002 | 51039 | 50450 | 1.96 | cps |
| Molybdenum | 96-1 | 58992 | 62044 | 60504 | 60513 | 2.52 | cps |
| Molybdenum | 97-1 | 30802 | 31748 | 31768 | 31439 | 1.75 | cps |
| Molybdenum | 98-1 | 80028 | 82089 | 82082 | 81399 | 1.46 | cps |
| Neodymium | 150-1 | 33433 | 34228 | 34576 | 34079 | 1.72 | cps |
| Neodymium | 150-2 | 20412 | 20695 | 20138 | 20415 | 1.37 | cps |
| Nickel | 60-2 | 59822 | 59323 | 60853 | 59999 | 1.30 | cps |
| Phosphorus | 31-2 | 12789 | 13072 | 12805 | 12889 | 1.23 | cps |
| Potassium | 39-2 | 1443602 | 1423304 | 1435053 | 1433986 | 0.71 | cps |
| Rhodium | 103-1 | 11695479 | 11369844 | 11258907 | 11441410 | 1.98 | cps |
| Rhodium | 103-2 | 6702979 | 6622167 | 6723156 | 6682768 | 0.80 | cps |
| Scandium | 45-1 | 6932333 | 6593278 | 6600216 | 6708609 | 2.89 | cps |
| Scandium | 45-2 | 540547 | 534861 | 539719 | 538376 | 0.57 | cps |
| Selenium | 82-1 | 479 | 506 | 525 | 503 | 4.61 | cps |
| Selenium | 77-2 | 107 | 90 | 93 | 97 | 9.13 | cps |
| Selenium | 78-2 | 600 | 570 | 627 | 599 | 4.73 | cps |
| Silicon | 28-1 | 22745005 | 23262966 | 23175706 | 23061226 | 1.20 | cps |
| Silver | 107-1 | 123248 | 124868 | 125621 | 124579 | 0.97 | cps |
| Silver | 109-1 | 116403 | 118418 | 118076 | 117632 | 0.92 | cps |
| Sodium | 23-2 | 13165945 | 12949559 | 12926678 | 13014061 | 1.01 | cps |
| Strontium | 86-1 | 379969 | 389311 | 385225 | 384835 | 1.22 | cps |
| Strontium | 88-1 | 3425270 | 3489233 | 3481601 | 3465368 | 1.01 | cps |
| Sulfur | 34-1 | 826302 | 838131 | 835930 | 833454 | 0.75 | cps |
| Terbium | 159-1 | 16560300 | 15748139 | 15573587 | 15960675 | 3.30 | cps |
| Terbium | 159-2 | 10808116 | 10546815 | 10764384 | 10706439 | 1.31 | cps |
| Thallium | 203-1 | 5631 | 5745 | 5721 | 5699 | 1.05 | cps |
| Thallium | 205-1 | 13270 | 13350 | 13510 | 13377 | 0.91 | cps |
| Tin | 118-1 | 420581 | 427093 | 428567 | 425414 | 1.00 | cps |
| Titanium | 47-1 | 665431 | 684541 | 683249 | 677740 | 1.58 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKQ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:46:42 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 56305 | 56513 | 56346 | 56388 | 0.20 | cps |
| Vanadium | 51-2 | 180961 | 178650 | 177146 | 178919 | 1.07 | cps |
| Yttrium | 89-1 | 15567041 | 14578014 | 14786925 | 14977327 | 3.48 | cps |
| Yttrium | 89-2 | 3763577 | 3716628 | 3734315 | 3738173 | 0.63 | cps |
| Zinc | 66-2 | 1253224 | 1247970 | 1242398 | 1247864 | 0.43 | cps |
| Zirconium | 90-1 | 68214 | 69966 | 70133 | 69438 | 1.53 | cps |
| Zirconium | 91-1 | 15255 | 15688 | 15759 | 15567 | 1.75 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKT0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:49:49 | DataFile Name : | 183SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2256911 | 2248686 | 2242122 | 2249240 | 0.33 | cps |
| Antimony | 121-1 | 427702 | 438862 | 436943 | 434502 | 1.37 | cps |
| Arsenic | 75-2 | 77102 | 77052 | 77340 | 77164 | 0.20 | cps |
| Barium | 135-1 | 150142 | 154275 | 154198 | 152872 | 1.55 | cps |
| Barium | 137-1 | 261933 | 265625 | 268354 | 265304 | 1.21 | cps |
| Beryllium | 9-1 | 460 | 410 | 363 | 411 | 11.76 | cps |
| Bismuth | 209-1 | 9781473 | 9297449 | 9156156 | 9411693 | 3.48 | cps |
| Bismuth | 209-2 | 7807018 | 7672136 | 7737610 | 7738921 | 0.87 | cps |
| Bromine | 81-1 | 57100 | 63275 | 63278 | 61217 | 5.82 | cps |
| Bromine | 81-2 | 8866 | 8599 | 8639 | 8702 | 1.65 | cps |
| Cadmium | 108-1 | 270 | 317 | 267 | 284 | 9.83 | cps |
| Cadmium | 106-1 | 4031 | 3677 | 3594 | 3767 | 6.16 | cps |
| Cadmium | 111-1 | 5713 | 5606 | 5486 | 5602 | 2.02 | cps |
| Calcium | 43-1 | 182987 | 187381 | 185758 | 185375 | 1.20 | cps |
| Calcium | 44-1 | 2832114 | 2870788 | 2834991 | 2845964 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 148977 | 146994 | 147859 | 147943 | 0.67 | cps |
| Cobalt | 59-2 | 93070 | 92312 | 91684 | 92355 | 0.75 | cps |
| Copper | 63-2 | 6266594 | 6241712 | 6247375 | 6251894 | 0.21 | cps |
| Dysprosium | 156-1 | 22585 | 23897 | 22976 | 23153 | 2.91 | cps |
| Dysprosium | 156-2 | 18572 | 18873 | 18432 | 18626 | 1.21 | cps |
| Erbium | 164-1 | 20448 | 21029 | 20649 | 20709 | 1.42 | cps |
| Erbium | 164-2 | 14468 | 14978 | 14578 | 14674 | 1.83 | cps |
| Gadolinium | 160-1 | 22508 | 23099 | 23032 | 22880 | 1.41 | cps |
| Gadolinium | 160-2 | 17831 | 17294 | 17131 | 17419 | 2.10 | cps |
| Holmium | 165-1 | 16056498 | 15162157 | 15250324 | 15489659 | 3.18 | cps |
| Holmium | 165-2 | 10857694 | 10731649 | 10730105 | 10773149 | 0.68 | cps |
| Indium | 115-1 | 13026277 | 12394900 | 12303714 | 12574963 | 3.13 | cps |
| Indium | 115-2 | 4324532 | 4335965 | 4311605 | 4324034 | 0.28 | cps |
| Iron | 56-2 | 95089265 | 93898075 | 95258709 | 94748683 | 0.78 | cps |
| Iron | 57-2 | 2358569 | 2334003 | 2333758 | 2342110 | 0.61 | cps |
| Iron | 54-2 | 5115873 | 5096766 | 5024823 | 5079154 | 0.95 | cps |
| Krypton | 83-1 | 273 | 237 | 293 | 268 | 10.73 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKT0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:49:49 | DataFile Name : | 183SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1956226 | 2045796 | 2013715 | 2005246 | 2.26 | cps |
| Lead | 207-1 | 1581659 | 1624027 | 1631063 | 1612250 | 1.66 | cps |
| Lead | 208-1 | 7820046 | 8032386 | 7993638 | 7948690 | 1.42 | cps |
| Lithium | 6-1 | 1774763 | 1668673 | 1698855 | 1714097 | 3.19 | cps |
| Magnesium | 24-2 | 2210232 | 2190244 | 2185520 | 2195332 | 0.60 | cps |
| Manganese | 55-2 | 592296 | 591952 | 586704 | 590317 | 0.53 | cps |
| Molybdenum | 94-1 | 39523 | 40035 | 40028 | 39862 | 0.74 | cps |
| Molybdenum | 95-1 | 34704 | 35503 | 35640 | 35282 | 1.43 | cps |
| Molybdenum | 96-1 | 42542 | 43043 | 42896 | 42827 | 0.60 | cps |
| Molybdenum | 97-1 | 22290 | 23105 | 22391 | 22595 | 1.97 | cps |
| Molybdenum | 98-1 | 56482 | 58004 | 58045 | 57510 | 1.55 | cps |
| Neodymium | 150-1 | 35655 | 35752 | 37032 | 36146 | 2.13 | cps |
| Neodymium | 150-2 | 21653 | 21460 | 21517 | 21543 | 0.46 | cps |
| Nickel | 60-2 | 47766 | 47966 | 47930 | 47887 | 0.22 | cps |
| Phosphorus | 31-2 | 9183 | 9083 | 9126 | 9131 | 0.55 | cps |
| Potassium | 39-2 | 912025 | 907328 | 906773 | 908709 | 0.32 | cps |
| Rhodium | 103-1 | 11848068 | 11320122 | 11242309 | 11470166 | 2.87 | cps |
| Rhodium | 103-2 | 6695803 | 6703067 | 6644063 | 6680978 | 0.48 | cps |
| Scandium | 45-1 | 6953831 | 6549373 | 6499749 | 6667651 | 3.74 | cps |
| Scandium | 45-2 | 529919 | 523333 | 531100 | 528117 | 0.79 | cps |
| Selenium | 82-1 | 333 | 316 | 272 | 307 | 10.23 | cps |
| Selenium | 77-2 | 90 | 73 | 47 | 70 | 31.22 | cps |
| Selenium | 78-2 | 610 | 487 | 477 | 524 | 14.16 | cps |
| Silicon | 28-1 | 13973856 | 14321207 | 14325727 | 14206930 | 1.42 | cps |
| Silver | 107-1 | 53910 | 55037 | 55566 | 54837 | 1.54 | cps |
| Silver | 109-1 | 51886 | 52806 | 52571 | 52421 | 0.91 | cps |
| Sodium | 23-2 | 6565256 | 6464377 | 6483180 | 6504271 | 0.82 | cps |
| Strontium | 86-1 | 197436 | 202415 | 202158 | 200670 | 1.40 | cps |
| Strontium | 88-1 | 1775396 | 1795181 | 1816537 | 1795705 | 1.15 | cps |
| Sulfur | 34-1 | 537024 | 546679 | 539105 | 540936 | 0.94 | cps |
| Terbium | 159-1 | 16440446 | 15757903 | 15366984 | 15855111 | 3.43 | cps |
| Terbium | 159-2 | 10772233 | 10539812 | 10729572 | 10680539 | 1.16 | cps |
| Thallium | 203-1 | 3190 | 3674 | 3527 | 3464 | 7.16 | cps |
| Thallium | 205-1 | 8419 | 8543 | 7989 | 8317 | 3.49 | cps |
| Tin | 118-1 | 172432 | 176304 | 175347 | 174694 | 1.15 | cps |
| Titanium | 47-1 | 647580 | 663072 | 652744 | 654466 | 1.21 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKT0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:49:49 | DataFile Name : | 183SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53307 | 53641 | 54628 | 53859 | 1.28 | cps |
| Vanadium | 51-2 | 152293 | 153595 | 150552 | 152147 | 1.00 | cps |
| Yttrium | 89-1 | 15352343 | 14649955 | 14623399 | 14875232 | 2.78 | cps |
| Yttrium | 89-2 | 3719301 | 3677389 | 3709650 | 3702114 | 0.59 | cps |
| Zinc | 66-2 | 431534 | 432950 | 429607 | 431364 | 0.39 | cps |
| Zirconium | 90-1 | 51751 | 52861 | 52905 | 52506 | 1.25 | cps |
| Zirconium | 91-1 | 11765 | 11972 | 11825 | 11854 | 0.90 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:52:59 | DataFile Name : | 184SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2533465 | 2488812 | 2531273 | 2517850 | 1.00 | cps |
| Antimony | 121-1 | 604487 | 607766 | 606658 | 606304 | 0.28 | cps |
| Arsenic | 75-2 | 105793 | 105189 | 106579 | 105854 | 0.66 | cps |
| Barium | 135-1 | 367097 | 367926 | 365925 | 366983 | 0.27 | cps |
| Barium | 137-1 | 634744 | 641062 | 634332 | 636713 | 0.59 | cps |
| Beryllium | 9-1 | 387 | 460 | 490 | 446 | 11.93 | cps |
| Bismuth | 209-1 | 9260403 | 9161713 | 8952198 | 9124771 | 1.72 | cps |
| Bismuth | 209-2 | 7688452 | 7642166 | 7641479 | 7657366 | 0.35 | cps |
| Bromine | 81-1 | 60670 | 62960 | 64001 | 62544 | 2.72 | cps |
| Bromine | 81-2 | 8959 | 9136 | 9330 | 9142 | 2.03 | cps |
| Cadmium | 108-1 | 683 | 613 | 617 | 638 | 6.19 | cps |
| Cadmium | 106-1 | 4324 | 4331 | 4151 | 4268 | 2.39 | cps |
| Cadmium | 111-1 | 8813 | 8790 | 8782 | 8795 | 0.18 | cps |
| Calcium | 43-1 | 2969247 | 2954281 | 2924779 | 2949436 | 0.77 | cps |
| Calcium | 44-1 | 46963536 | 46892319 | 47028294 | 46961383 | 0.14 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 145245 | 143969 | 145241 | 144818 | 0.51 | cps |
| Cobalt | 59-2 | 286279 | 281842 | 285447 | 284522 | 0.83 | cps |
| Copper | 63-2 | 6833902 | 6747270 | 6724897 | 6768690 | 0.85 | cps |
| Dysprosium | 156-1 | 25396 | 25563 | 25203 | 25387 | 0.71 | cps |
| Dysprosium | 156-2 | 20271 | 19841 | 20635 | 20249 | 1.96 | cps |
| Erbium | 164-1 | 23540 | 24238 | 23717 | 23832 | 1.52 | cps |
| Erbium | 164-2 | 16633 | 16950 | 17341 | 16975 | 2.09 | cps |
| Gadolinium | 160-1 | 24759 | 25383 | 25477 | 25206 | 1.55 | cps |
| Gadolinium | 160-2 | 19227 | 18793 | 19143 | 19054 | 1.21 | cps |
| Holmium | 165-1 | 15341464 | 15385861 | 15070521 | 15265949 | 1.12 | cps |
| Holmium | 165-2 | 10767163 | 10656865 | 10732755 | 10718928 | 0.53 | cps |
| Indium | 115-1 | 12055030 | 12218321 | 11990288 | 12087880 | 0.97 | cps |
| Indium | 115-2 | 4291848 | 4246285 | 4303276 | 4280470 | 0.70 | cps |
| Iron | 56-2 | 136288405 | 135190928 | 136506521 | 135995285 | 0.52 | cps |
| Iron | 57-2 | 3361995 | 3385287 | 3378233 | 3375172 | 0.35 | cps |
| Iron | 54-2 | 7320313 | 7292351 | 7256859 | 7289841 | 0.44 | cps |
| Krypton | 83-1 | 283 | 263 | 247 | 264 | 6.94 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:52:59 | DataFile Name : | 184SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3563914 | 3567465 | 3499555 | 3543645 | 1.08 | cps |
| Lead | 207-1 | 3213221 | 3188980 | 3111891 | 3171364 | 1.67 | cps |
| Lead | 208-1 | 14435146 | 14360500 | 14185338 | 14326995 | 0.90 | cps |
| Lithium | 6-1 | 1683909 | 1691783 | 1633060 | 1669584 | 1.91 | cps |
| Magnesium | 24-2 | 2691674 | 2732209 | 2761033 | 2728306 | 1.28 | cps |
| Manganese | 55-2 | 838180 | 831114 | 829863 | 833053 | 0.54 | cps |
| Molybdenum | 94-1 | 52460 | 52112 | 52196 | 52256 | 0.35 | cps |
| Molybdenum | 95-1 | 45768 | 46905 | 46494 | 46389 | 1.24 | cps |
| Molybdenum | 96-1 | 56880 | 55461 | 55809 | 56050 | 1.32 | cps |
| Molybdenum | 97-1 | 29206 | 28935 | 29380 | 29174 | 0.77 | cps |
| Molybdenum | 98-1 | 77300 | 75752 | 75883 | 76311 | 1.13 | cps |
| Neodymium | 150-1 | 38014 | 38800 | 38542 | 38452 | 1.04 | cps |
| Neodymium | 150-2 | 23379 | 23500 | 22455 | 23111 | 2.47 | cps |
| Nickel | 60-2 | 43784 | 44175 | 44161 | 44040 | 0.50 | cps |
| Phosphorus | 31-2 | 10494 | 10554 | 10397 | 10481 | 0.75 | cps |
| Potassium | 39-2 | 1271183 | 1252887 | 1236649 | 1253573 | 1.38 | cps |
| Rhodium | 103-1 | 11014979 | 10927693 | 10902358 | 10948343 | 0.54 | cps |
| Rhodium | 103-2 | 6568637 | 6538144 | 6534512 | 6547098 | 0.29 | cps |
| Scandium | 45-1 | 6454624 | 6328484 | 6338714 | 6373941 | 1.10 | cps |
| Scandium | 45-2 | 518630 | 520366 | 522555 | 520517 | 0.38 | cps |
| Selenium | 82-1 | 398 | 351 | 377 | 375 | 6.22 | cps |
| Selenium | 77-2 | 100 | 83 | 93 | 92 | 9.10 | cps |
| Selenium | 78-2 | 547 | 497 | 510 | 518 | 5.00 | cps |
| Silicon | 28-1 | 18944239 | 18748831 | 19817857 | 19170309 | 2.97 | cps |
| Silver | 107-1 | 58698 | 58571 | 58474 | 58581 | 0.19 | cps |
| Silver | 109-1 | 55459 | 55770 | 56272 | 55834 | 0.73 | cps |
| Sodium | 23-2 | 10051516 | 10142383 | 10184104 | 10126001 | 0.67 | cps |
| Strontium | 86-1 | 3603455 | 3628885 | 3641316 | 3624552 | 0.53 | cps |
| Strontium | 88-1 | 31559396 | 31485083 | 31134402 | 31392960 | 0.72 | cps |
| Sulfur | 34-1 | 526883 | 533772 | 531311 | 530655 | 0.66 | cps |
| Terbium | 159-1 | 15452176 | 15538925 | 15303724 | 15431608 | 0.77 | cps |
| Terbium | 159-2 | 10597288 | 10494597 | 10520246 | 10537377 | 0.51 | cps |
| Thallium | 203-1 | 4197 | 4031 | 4057 | 4095 | 2.19 | cps |
| Thallium | 205-1 | 9914 | 9797 | 10034 | 9915 | 1.19 | cps |
| Tin | 118-1 | 194707 | 194495 | 193881 | 194361 | 0.22 | cps |
| Titanium | 47-1 | 597166 | 600649 | 601986 | 599934 | 0.41 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:52:59 | DataFile Name : | 184SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 117077 | 118204 | 119040 | 118107 | 0.83 | cps |
| Vanadium | 51-2 | 166255 | 165857 | 165914 | 166009 | 0.13 | cps |
| Yttrium | 89-1 | 14347553 | 14420994 | 14224261 | 14330936 | 0.69 | cps |
| Yttrium | 89-2 | 3676672 | 3689566 | 3711215 | 3692484 | 0.47 | cps |
| Zinc | 66-2 | 1460706 | 1498859 | 1452024 | 1470530 | 1.69 | cps |
| Zirconium | 90-1 | 69467 | 69396 | 69727 | 69530 | 0.25 | cps |
| Zirconium | 91-1 | 15498 | 15715 | 15555 | 15589 | 0.72 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:56:03 | DataFile Name : | 185SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1602383 | 1621603 | 1586332 | 1603439 | 1.10 | cps |
| Antimony | 121-1 | 253159 | 255981 | 258244 | 255795 | 1.00 | cps |
| Arsenic | 75-2 | 43025 | 42822 | 44038 | 43295 | 1.51 | cps |
| Barium | 135-1 | 155175 | 155074 | 156247 | 155499 | 0.42 | cps |
| Barium | 137-1 | 266118 | 271505 | 274133 | 270585 | 1.51 | cps |
| Beryllium | 9-1 | 300 | 227 | 247 | 258 | 14.71 | cps |
| Bismuth | 209-1 | 8996507 | 8990763 | 9118424 | 9035231 | 0.80 | cps |
| Bismuth | 209-2 | 7515879 | 7509656 | 7410570 | 7478702 | 0.79 | cps |
| Bromine | 81-1 | 40292 | 43150 | 45146 | 42862 | 5.69 | cps |
| Bromine | 81-2 | 5324 | 5358 | 5434 | 5372 | 1.05 | cps |
| Cadmium | 108-1 | 343 | 357 | 347 | 349 | 1.99 | cps |
| Cadmium | 106-1 | 3634 | 3757 | 3667 | 3686 | 1.73 | cps |
| Cadmium | 111-1 | 5620 | 5991 | 5955 | 5855 | 3.49 | cps |
| Calcium | 43-1 | 8147661 | 8227696 | 8275514 | 8216957 | 0.79 | cps |
| Calcium | 44-1 | 131089991 | 130859605 | 131364321 | 131104639 | 0.19 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 94386 | 92763 | 92162 | 93104 | 1.24 | cps |
| Cobalt | 59-2 | 124746 | 123459 | 123063 | 123756 | 0.71 | cps |
| Copper | 63-2 | 2119512 | 2077404 | 2068405 | 2088440 | 1.31 | cps |
| Dysprosium | 156-1 | 20034 | 20268 | 19951 | 20084 | 0.82 | cps |
| Dysprosium | 156-2 | 15819 | 15956 | 16259 | 16011 | 1.41 | cps |
| Erbium | 164-1 | 18683 | 18302 | 18482 | 18489 | 1.03 | cps |
| Erbium | 164-2 | 13090 | 12809 | 12906 | 12935 | 1.10 | cps |
| Gadolinium | 160-1 | 19931 | 20098 | 20575 | 20201 | 1.66 | cps |
| Gadolinium | 160-2 | 15068 | 14938 | 14878 | 14961 | 0.65 | cps |
| Holmium | 165-1 | 15309152 | 15091224 | 15342245 | 15247540 | 0.89 | cps |
| Holmium | 165-2 | 10779383 | 10648096 | 10578592 | 10668690 | 0.96 | cps |
| Indium | 115-1 | 12245360 | 12135262 | 12271784 | 12217468 | 0.59 | cps |
| Indium | 115-2 | 4300642 | 4246109 | 4181909 | 4242887 | 1.40 | cps |
| Iron | 56-2 | 72845359 | 73227189 | 72118944 | 72730497 | 0.77 | cps |
| Iron | 57-2 | 1931970 | 1915532 | 1909497 | 1919000 | 0.61 | cps |
| Iron | 54-2 | 3954802 | 3975050 | 3904432 | 3944761 | 0.92 | cps |
| Krypton | 83-1 | 253 | 263 | 183 | 233 | 18.68 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:56:03 | DataFile Name : | 185SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1172665 | 1187337 | 1205309 | 1188437 | 1.38 | cps |
| Lead | 207-1 | 1038317 | 1053257 | 1046761 | 1046111 | 0.72 | cps |
| Lead | 208-1 | 4998694 | 5026581 | 5047373 | 5024216 | 0.49 | cps |
| Lithium | 6-1 | 1682098 | 1706762 | 1714347 | 1701069 | 0.99 | cps |
| Magnesium | 24-2 | 1876058 | 1857163 | 1851464 | 1861562 | 0.69 | cps |
| Manganese | 55-2 | 566991 | 563753 | 559234 | 563326 | 0.69 | cps |
| Molybdenum | 94-1 | 31370 | 31150 | 31347 | 31289 | 0.39 | cps |
| Molybdenum | 95-1 | 19643 | 19693 | 19533 | 19623 | 0.42 | cps |
| Molybdenum | 96-1 | 25506 | 25489 | 25653 | 25549 | 0.35 | cps |
| Molybdenum | 97-1 | 12479 | 12312 | 12215 | 12335 | 1.08 | cps |
| Molybdenum | 98-1 | 32199 | 32573 | 31888 | 32220 | 1.06 | cps |
| Neodymium | 150-1 | 31482 | 31919 | 32016 | 31806 | 0.90 | cps |
| Neodymium | 150-2 | 18472 | 18509 | 18202 | 18394 | 0.91 | cps |
| Nickel | 60-2 | 35652 | 35398 | 34904 | 35318 | 1.08 | cps |
| Phosphorus | 31-2 | 8086 | 7772 | 7982 | 7947 | 2.01 | cps |
| Potassium | 39-2 | 786042 | 779980 | 775229 | 780417 | 0.69 | cps |
| Rhodium | 103-1 | 10935044 | 10939764 | 10996223 | 10957010 | 0.31 | cps |
| Rhodium | 103-2 | 6497492 | 6396591 | 6457279 | 6450454 | 0.79 | cps |
| Scandium | 45-1 | 6615799 | 6444758 | 6442992 | 6501183 | 1.53 | cps |
| Scandium | 45-2 | 518669 | 518106 | 515270 | 517348 | 0.35 | cps |
| Selenium | 82-1 | 366 | 412 | 445 | 408 | 9.68 | cps |
| Selenium | 77-2 | 33 | 97 | 63 | 64 | 49.17 | cps |
| Selenium | 78-2 | 430 | 523 | 500 | 484 | 10.03 | cps |
| Silicon | 28-1 | 17829057 | 17889104 | 18029636 | 17915932 | 0.57 | cps |
| Silver | 107-1 | 18058 | 17514 | 17691 | 17754 | 1.56 | cps |
| Silver | 109-1 | 17400 | 16533 | 16810 | 16914 | 2.62 | cps |
| Sodium | 23-2 | 5747101 | 5799359 | 5649066 | 5731842 | 1.33 | cps |
| Strontium | 86-1 | 4790722 | 4872601 | 4866796 | 4843373 | 0.94 | cps |
| Strontium | 88-1 | 41311039 | 42157383 | 42197364 | 41888595 | 1.20 | cps |
| Sulfur | 34-1 | 411532 | 408323 | 412544 | 410800 | 0.54 | cps |
| Terbium | 159-1 | 15581098 | 15546849 | 15607874 | 15578607 | 0.20 | cps |
| Terbium | 159-2 | 10549651 | 10551904 | 10393220 | 10498258 | 0.87 | cps |
| Thallium | 203-1 | 3424 | 3577 | 3587 | 3529 | 2.59 | cps |
| Thallium | 205-1 | 8179 | 8473 | 8303 | 8318 | 1.77 | cps |
| Tin | 118-1 | 80014 | 80067 | 80178 | 80086 | 0.10 | cps |
| Titanium | 47-1 | 540580 | 544525 | 539791 | 541632 | 0.47 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-21 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKW2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:56:03 | DataFile Name : | 185SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 79013 | 80790 | 81760 | 80521 | 1.73 | cps |
| Vanadium | 51-2 | 115084 | 114490 | 114056 | 114543 | 0.45 | cps |
| Yttrium | 89-1 | 14525539 | 14498102 | 14574884 | 14532842 | 0.27 | cps |
| Yttrium | 89-2 | 3661282 | 3668912 | 3560128 | 3630108 | 1.67 | cps |
| Zinc | 66-2 | 494606 | 496002 | 493554 | 494721 | 0.25 | cps |
| Zirconium | 90-1 | 52564 | 54902 | 54976 | 54147 | 2.53 | cps |
| Zirconium | 91-1 | 12032 | 12058 | 12022 | 12037 | 0.16 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKY3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:59:11 | DataFile Name : | 186SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2918160 | 2873875 | 2899504 | 2897180 | 0.77 | cps |
| Antimony | 121-1 | 130482 | 129773 | 133617 | 131291 | 1.56 | cps |
| Arsenic | 75-2 | 38263 | 38817 | 38433 | 38504 | 0.74 | cps |
| Barium | 135-1 | 114788 | 115574 | 114946 | 115103 | 0.36 | cps |
| Barium | 137-1 | 198053 | 201794 | 201554 | 200467 | 1.04 | cps |
| Beryllium | 9-1 | 433 | 460 | 527 | 473 | 10.16 | cps |
| Bismuth | 209-1 | 9065374 | 9324567 | 9040004 | 9143315 | 1.72 | cps |
| Bismuth | 209-2 | 7663166 | 7602291 | 7717381 | 7660946 | 0.75 | cps |
| Bromine | 81-1 | 69918 | 74855 | 77596 | 74123 | 5.25 | cps |
| Bromine | 81-2 | 11318 | 10764 | 10794 | 10959 | 2.84 | cps |
| Cadmium | 108-1 | 333 | 307 | 230 | 290 | 18.50 | cps |
| Cadmium | 106-1 | 3681 | 3751 | 3497 | 3643 | 3.59 | cps |
| Cadmium | 111-1 | 5030 | 5218 | 4904 | 5051 | 3.13 | cps |
| Calcium | 43-1 | 324990 | 325656 | 326133 | 325593 | 0.18 | cps |
| Calcium | 44-1 | 5023287 | 4997906 | 5008334 | 5009842 | 0.25 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 163947 | 166534 | 166875 | 165785 | 0.97 | cps |
| Cobalt | 59-2 | 73716 | 73174 | 73013 | 73301 | 0.50 | cps |
| Copper | 63-2 | 5328520 | 5303238 | 5210665 | 5280808 | 1.17 | cps |
| Dysprosium | 156-1 | 30543 | 31245 | 31318 | 31035 | 1.38 | cps |
| Dysprosium | 156-2 | 24314 | 24408 | 23920 | 24214 | 1.07 | cps |
| Erbium | 164-1 | 27257 | 27424 | 27571 | 27417 | 0.57 | cps |
| Erbium | 164-2 | 19374 | 19390 | 19050 | 19271 | 1.00 | cps |
| Gadolinium | 160-1 | 31041 | 31509 | 31064 | 31205 | 0.84 | cps |
| Gadolinium | 160-2 | 22508 | 23179 | 22895 | 22861 | 1.47 | cps |
| Holmium | 165-1 | 15186291 | 15097324 | 15032662 | 15105426 | 0.51 | cps |
| Holmium | 165-2 | 10589668 | 10570071 | 10549350 | 10569696 | 0.19 | cps |
| Indium | 115-1 | 12198910 | 11960341 | 12242709 | 12133987 | 1.25 | cps |
| Indium | 115-2 | 4238796 | 4226107 | 4251245 | 4238716 | 0.30 | cps |
| Iron | 56-2 | 98224412 | 98949182 | 98884585 | 98686060 | 0.41 | cps |
| Iron | 57-2 | 2422573 | 2419000 | 2446386 | 2429320 | 0.61 | cps |
| Iron | 54-2 | 5308241 | 5278956 | 5283673 | 5290290 | 0.30 | cps |
| Krypton | 83-1 | 190 | 243 | 290 | 241 | 20.75 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKY3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:59:11 | DataFile Name : | 186SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1431060 | 1427310 | 1439189 | 1432520 | 0.42 | cps |
| Lead | 207-1 | 1247338 | 1243297 | 1251926 | 1247520 | 0.35 | cps |
| Lead | 208-1 | 5989367 | 6029141 | 5982490 | 6000333 | 0.42 | cps |
| Lithium | 6-1 | 1670645 | 1733097 | 1674770 | 1692837 | 2.06 | cps |
| Magnesium | 24-2 | 2561947 | 2566775 | 2524769 | 2551164 | 0.90 | cps |
| Manganese | 55-2 | 624095 | 620284 | 619127 | 621169 | 0.42 | cps |
| Molybdenum | 94-1 | 34404 | 35065 | 34925 | 34798 | 1.00 | cps |
| Molybdenum | 95-1 | 31133 | 31036 | 31140 | 31103 | 0.19 | cps |
| Molybdenum | 96-1 | 37725 | 37371 | 38353 | 37817 | 1.32 | cps |
| Molybdenum | 97-1 | 19854 | 19563 | 19236 | 19551 | 1.58 | cps |
| Molybdenum | 98-1 | 49350 | 50045 | 50022 | 49806 | 0.79 | cps |
| Neodymium | 150-1 | 47924 | 48995 | 48205 | 48375 | 1.15 | cps |
| Neodymium | 150-2 | 28997 | 28656 | 28562 | 28738 | 0.80 | cps |
| Nickel | 60-2 | 56690 | 55409 | 55144 | 55747 | 1.48 | cps |
| Phosphorus | 31-2 | 11925 | 11825 | 11811 | 11854 | 0.52 | cps |
| Potassium | 39-2 | 1081493 | 1075168 | 1082998 | 1079886 | 0.38 | cps |
| Rhodium | 103-1 | 11089721 | 11118407 | 11120881 | 11109669 | 0.16 | cps |
| Rhodium | 103-2 | 6567883 | 6564339 | 6608307 | 6580176 | 0.37 | cps |
| Scandium | 45-1 | 6311247 | 6346997 | 6307687 | 6321977 | 0.34 | cps |
| Scandium | 45-2 | 513081 | 512311 | 513400 | 512930 | 0.11 | cps |
| Selenium | 82-1 | 398 | 380 | 294 | 357 | 15.54 | cps |
| Selenium | 77-2 | 63 | 113 | 103 | 93 | 28.35 | cps |
| Selenium | 78-2 | 493 | 517 | 543 | 518 | 4.83 | cps |
| Silicon | 28-1 | 24193151 | 24757975 | 24000892 | 24317340 | 1.62 | cps |
| Silver | 107-1 | 50932 | 52414 | 52163 | 51837 | 1.53 | cps |
| Silver | 109-1 | 49083 | 49547 | 49548 | 49393 | 0.54 | cps |
| Sodium | 23-2 | 8288355 | 8286328 | 8242959 | 8272547 | 0.31 | cps |
| Strontium | 86-1 | 317117 | 318894 | 321517 | 319176 | 0.69 | cps |
| Strontium | 88-1 | 2835529 | 2880335 | 2850978 | 2855614 | 0.80 | cps |
| Sulfur | 34-1 | 589033 | 585863 | 587729 | 587542 | 0.27 | cps |
| Terbium | 159-1 | 15449471 | 15659004 | 15590618 | 15566364 | 0.69 | cps |
| Terbium | 159-2 | 10529128 | 10473754 | 10478355 | 10493745 | 0.29 | cps |
| Thallium | 203-1 | 3380 | 3434 | 3547 | 3454 | 2.47 | cps |
| Thallium | 205-1 | 8223 | 8196 | 8476 | 8298 | 1.86 | cps |
| Tin | 118-1 | 139346 | 140184 | 142409 | 140647 | 1.13 | cps |
| Titanium | 47-1 | 897730 | 911351 | 905984 | 905022 | 0.76 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-22 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKY3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 22:59:11 | DataFile Name : | 186SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 68207 | 69701 | 69336 | 69082 | 1.13 | cps |
| Vanadium | 51-2 | 193186 | 191249 | 193800 | 192745 | 0.69 | cps |
| Yttrium | 89-1 | 14663322 | 14495233 | 14634403 | 14597653 | 0.62 | cps |
| Yttrium | 89-2 | 3663842 | 3679003 | 3689550 | 3677465 | 0.35 | cps |
| Zinc | 66-2 | 275502 | 277596 | 275592 | 276230 | 0.43 | cps |
| Zirconium | 90-1 | 45969 | 46834 | 46186 | 46330 | 0.97 | cps |
| Zirconium | 91-1 | 10327 | 10577 | 10477 | 10460 | 1.20 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:03:58 | DataFile Name : | 187SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2249952 | 2205980 | 2147967 | 2201300 | 2.32 | cps |
| Antimony | 121-1 | 11091 | 10701 | 11044 | 10945 | 1.95 | cps |
| Arsenic | 75-2 | 5881 | 5781 | 5885 | 5849 | 1.00 | cps |
| Barium | 135-1 | 385752 | 387058 | 380448 | 384419 | 0.91 | cps |
| Barium | 137-1 | 667181 | 670209 | 662050 | 666480 | 0.62 | cps |
| Beryllium | 9-1 | 1370 | 1290 | 1227 | 1296 | 5.54 | cps |
| Bismuth | 209-1 | 8968765 | 8942646 | 8852509 | 8921306 | 0.68 | cps |
| Bismuth | 209-2 | 7502060 | 6642316 | 7728182 | 7290853 | 7.86 | cps |
| Bromine | 81-1 | 20865 | 19984 | 19960 | 20270 | 2.54 | cps |
| Bromine | 81-2 | 1010 | 1060 | 1023 | 1031 | 2.51 | cps |
| Cadmium | 108-1 | 717 | 627 | 690 | 678 | 6.82 | cps |
| Cadmium | 106-1 | 4164 | 4301 | 4227 | 4231 | 1.62 | cps |
| Cadmium | 111-1 | 10345 | 10367 | 10101 | 10271 | 1.44 | cps |
| Calcium | 43-1 | 2367966 | 2312664 | 2279029 | 2319886 | 1.94 | cps |
| Calcium | 44-1 | 37373771 | 36832816 | 36423904 | 36876830 | 1.29 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1776897 | 1787845 | 1735491 | 1766744 | 1.56 | cps |
| Cobalt | 59-2 | 77267 | 76366 | 75954 | 76529 | 0.88 | cps |
| Copper | 63-2 | 353653 | 354980 | 347112 | 351915 | 1.20 | cps |
| Dysprosium | 156-1 | 25961 | 24935 | 24705 | 25200 | 2.65 | cps |
| Dysprosium | 156-2 | 19717 | 19497 | 19547 | 19587 | 0.59 | cps |
| Erbium | 164-1 | 22595 | 23523 | 22982 | 23034 | 2.02 | cps |
| Erbium | 164-2 | 16106 | 16066 | 16126 | 16099 | 0.19 | cps |
| Gadolinium | 160-1 | 25002 | 24969 | 25019 | 24997 | 0.10 | cps |
| Gadolinium | 160-2 | 18562 | 18185 | 18222 | 18323 | 1.13 | cps |
| Holmium | 165-1 | 14804116 | 15014457 | 14756820 | 14858464 | 0.92 | cps |
| Holmium | 165-2 | 10491341 | 9275255 | 10708335 | 10158310 | 7.60 | cps |
| Indium | 115-1 | 11784493 | 11644637 | 11768024 | 11732385 | 0.65 | cps |
| Indium | 115-2 | 4149967 | 3591662 | 4230972 | 3990867 | 8.72 | cps |
| Iron | 56-2 | 422504714 | 418876260 | 412837434 | 418072803 | 1.17 | cps |
| Iron | 57-2 | 10451624 | 10409133 | 10256238 | 10372332 | 0.99 | cps |
| Iron | 54-2 | 22902882 | 22788175 | 22157597 | 22616218 | 1.77 | cps |
| Krypton | 83-1 | 233 | 293 | 213 | 247 | 16.88 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:03:58 | DataFile Name : | 187SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4649369 | 4582796 | 4661192 | 4631119 | 0.91 | cps |
| Lead | 207-1 | 4042268 | 3981151 | 4023546 | 4015655 | 0.78 | cps |
| Lead | 208-1 | 18412291 | 18180407 | 18299841 | 18297513 | 0.63 | cps |
| Lithium | 6-1 | 1619893 | 1663702 | 1634421 | 1639338 | 1.36 | cps |
| Magnesium | 24-2 | 5184652 | 5175895 | 5110738 | 5157095 | 0.78 | cps |
| Manganese | 55-2 | 20052713 | 19892464 | 19578901 | 19841359 | 1.21 | cps |
| Molybdenum | 94-1 | 48323 | 48085 | 46754 | 47721 | 1.77 | cps |
| Molybdenum | 95-1 | 49684 | 50574 | 49403 | 49887 | 1.23 | cps |
| Molybdenum | 96-1 | 62131 | 61743 | 61880 | 61918 | 0.32 | cps |
| Molybdenum | 97-1 | 31136 | 30869 | 30662 | 30889 | 0.77 | cps |
| Molybdenum | 98-1 | 79464 | 79763 | 77876 | 79034 | 1.28 | cps |
| Neodymium | 150-1 | 38058 | 38559 | 38579 | 38399 | 0.77 | cps |
| Neodymium | 150-2 | 21970 | 22488 | 21597 | 22018 | 2.03 | cps |
| Nickel | 60-2 | 267048 | 269491 | 264242 | 266927 | 0.98 | cps |
| Phosphorus | 31-2 | 9313 | 8659 | 9049 | 9007 | 3.65 | cps |
| Potassium | 39-2 | 671398 | 671542 | 660206 | 667715 | 0.97 | cps |
| Rhodium | 103-1 | 10814247 | 10652377 | 10590443 | 10685689 | 1.08 | cps |
| Rhodium | 103-2 | 6407487 | 5489725 | 6511406 | 6136206 | 9.16 | cps |
| Scandium | 45-1 | 6270914 | 6138594 | 6035676 | 6148395 | 1.92 | cps |
| Scandium | 45-2 | 493341 | 436238 | 503811 | 477797 | 7.61 | cps |
| Selenium | 82-1 | 285 | 241 | 258 | 262 | 8.47 | cps |
| Selenium | 77-2 | 117 | 67 | 43 | 76 | 49.59 | cps |
| Selenium | 78-2 | 460 | 437 | 470 | 456 | 3.75 | cps |
| Silicon | 28-1 | 15734573 | 15588534 | 15135166 | 15486091 | 2.02 | cps |
| Silver | 107-1 | 17938 | 18008 | 17774 | 17907 | 0.67 | cps |
| Silver | 109-1 | 16743 | 17277 | 16947 | 16989 | 1.59 | cps |
| Sodium | 23-2 | 178630 | 178737 | 177452 | 178273 | 0.40 | cps |
| Strontium | 86-1 | 743008 | 735573 | 729735 | 736105 | 0.90 | cps |
| Strontium | 88-1 | 6744825 | 6679637 | 6649643 | 6691368 | 0.73 | cps |
| Sulfur | 34-1 | 217205 | 211868 | 213598 | 214224 | 1.27 | cps |
| Terbium | 159-1 | 15146016 | 15225067 | 15012944 | 15128009 | 0.71 | cps |
| Terbium | 159-2 | 10322787 | 9051941 | 10520396 | 9965041 | 8.00 | cps |
| Thallium | 203-1 | 9850 | 9670 | 9917 | 9813 | 1.30 | cps |
| Thallium | 205-1 | 23233 | 23530 | 23227 | 23330 | 0.74 | cps |
| Tin | 118-1 | 74102 | 73356 | 72964 | 73474 | 0.79 | cps |
| Titanium | 47-1 | 459888 | 453855 | 449277 | 454340 | 1.17 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28T9 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:03:58 | DataFile Name : | 187SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 31504 | 31387 | 32009 | 31633 | 1.04 | cps |
| Vanadium | 51-2 | 291733 | 292216 | 284814 | 289588 | 1.43 | cps |
| Yttrium | 89-1 | 14296739 | 14159118 | 14114973 | 14190277 | 0.67 | cps |
| Yttrium | 89-2 | 3572322 | 3073660 | 3670216 | 3438733 | 9.30 | cps |
| Zinc | 66-2 | 858601 | 846433 | 838810 | 847948 | 1.18 | cps |
| Zirconium | 90-1 | 52708 | 52667 | 51764 | 52380 | 1.02 | cps |
| Zirconium | 91-1 | 11671 | 12128 | 11381 | 11727 | 3.21 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:07:04 | DataFile Name : | 188SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2470305 | 2495022 | 2465103 | 2476810 | 0.65 | cps |
| Antimony | 121-1 | 13860 | 14514 | 14844 | 14406 | 3.48 | cps |
| Arsenic | 75-2 | 5001 | 4988 | 4904 | 4964 | 1.06 | cps |
| Barium | 135-1 | 387078 | 398117 | 393957 | 393051 | 1.42 | cps |
| Barium | 137-1 | 668041 | 693187 | 684118 | 681782 | 1.87 | cps |
| Beryllium | 9-1 | 1890 | 1987 | 1913 | 1930 | 2.61 | cps |
| Bismuth | 209-1 | 9266272 | 8930450 | 8814256 | 9003660 | 2.61 | cps |
| Bismuth | 209-2 | 7429988 | 7285803 | 7396938 | 7370910 | 1.02 | cps |
| Bromine | 81-1 | 18432 | 18565 | 18552 | 18516 | 0.40 | cps |
| Bromine | 81-2 | 903 | 777 | 883 | 854 | 7.97 | cps |
| Cadmium | 108-1 | 763 | 917 | 830 | 837 | 9.19 | cps |
| Cadmium | 106-1 | 4714 | 4557 | 4427 | 4566 | 3.14 | cps |
| Cadmium | 111-1 | 11548 | 11958 | 11815 | 11774 | 1.77 | cps |
| Calcium | 43-1 | 2928048 | 2947175 | 2948837 | 2941353 | 0.39 | cps |
| Calcium | 44-1 | 46236059 | 47614159 | 47462623 | 47104280 | 1.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2245380 | 2204483 | 2225295 | 2225053 | 0.92 | cps |
| Cobalt | 59-2 | 45211 | 45679 | 46057 | 45649 | 0.93 | cps |
| Copper | 63-2 | 282275 | 281253 | 283230 | 282253 | 0.35 | cps |
| Dysprosium | 156-1 | 17034 | 17785 | 17645 | 17488 | 2.28 | cps |
| Dysprosium | 156-2 | 14181 | 14171 | 13783 | 14045 | 1.61 | cps |
| Erbium | 164-1 | 17364 | 18242 | 18402 | 18003 | 3.10 | cps |
| Erbium | 164-2 | 12713 | 12843 | 12676 | 12744 | 0.69 | cps |
| Gadolinium | 160-1 | 17337 | 17635 | 17748 | 17573 | 1.21 | cps |
| Gadolinium | 160-2 | 13467 | 13226 | 13406 | 13366 | 0.94 | cps |
| Holmium | 165-1 | 15568542 | 14730724 | 14623475 | 14974247 | 3.46 | cps |
| Holmium | 165-2 | 10241311 | 10188354 | 10206349 | 10212005 | 0.26 | cps |
| Indium | 115-1 | 12318896 | 11512378 | 11467491 | 11766255 | 4.07 | cps |
| Indium | 115-2 | 4007810 | 3928676 | 4019600 | 3985362 | 1.24 | cps |
| Iron | 56-2 | 478239780 | 472979046 | 474899966 | 475372931 | 0.56 | cps |
| Iron | 57-2 | 11819830 | 11812946 | 11804496 | 11812424 | 0.07 | cps |
| Iron | 54-2 | 25785335 | 25747545 | 25555192 | 25696024 | 0.48 | cps |
| Krypton | 83-1 | 247 | 270 | 210 | 242 | 12.49 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:07:04 | DataFile Name : | 188SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4275769 | 4530531 | 4440395 | 4415565 | 2.93 | cps |
| Lead | 207-1 | 3633296 | 3787515 | 3682303 | 3701038 | 2.13 | cps |
| Lead | 208-1 | 16670831 | 17478855 | 17181234 | 17110306 | 2.39 | cps |
| Lithium | 6-1 | 1732368 | 1655602 | 1651692 | 1679887 | 2.71 | cps |
| Magnesium | 24-2 | 6177284 | 6161655 | 6144687 | 6161209 | 0.26 | cps |
| Manganese | 55-2 | 32737802 | 32715744 | 32835181 | 32762909 | 0.19 | cps |
| Molybdenum | 94-1 | 92213 | 93559 | 97232 | 94335 | 2.75 | cps |
| Molybdenum | 95-1 | 85032 | 89988 | 87825 | 87615 | 2.84 | cps |
| Molybdenum | 96-1 | 103577 | 108102 | 106138 | 105939 | 2.14 | cps |
| Molybdenum | 97-1 | 53103 | 54193 | 55000 | 54099 | 1.76 | cps |
| Molybdenum | 98-1 | 137864 | 141824 | 141823 | 140504 | 1.63 | cps |
| Neodymium | 150-1 | 25303 | 26151 | 25600 | 25685 | 1.68 | cps |
| Neodymium | 150-2 | 15352 | 15135 | 15202 | 15229 | 0.73 | cps |
| Nickel | 60-2 | 261498 | 259888 | 258549 | 259978 | 0.57 | cps |
| Phosphorus | 31-2 | 12105 | 12135 | 11971 | 12070 | 0.72 | cps |
| Potassium | 39-2 | 544225 | 542420 | 537712 | 541452 | 0.62 | cps |
| Rhodium | 103-1 | 11100669 | 10399746 | 10350269 | 10616894 | 3.95 | cps |
| Rhodium | 103-2 | 6241125 | 6110467 | 6098554 | 6150049 | 1.29 | cps |
| Scandium | 45-1 | 6446146 | 6025193 | 6007802 | 6159713 | 4.03 | cps |
| Scandium | 45-2 | 479198 | 477576 | 476959 | 477911 | 0.24 | cps |
| Selenium | 82-1 | 253 | 272 | 289 | 271 | 6.53 | cps |
| Selenium | 77-2 | 40 | 57 | 50 | 49 | 17.16 | cps |
| Selenium | 78-2 | 480 | 403 | 437 | 440 | 8.74 | cps |
| Silicon | 28-1 | 21880051 | 22938598 | 22343100 | 22387249 | 2.37 | cps |
| Silver | 107-1 | 23122 | 24067 | 23539 | 23576 | 2.01 | cps |
| Silver | 109-1 | 22611 | 22885 | 22728 | 22741 | 0.60 | cps |
| Sodium | 23-2 | 245057 | 244799 | 241789 | 243882 | 0.74 | cps |
| Strontium | 86-1 | 806457 | 826499 | 825714 | 819557 | 1.39 | cps |
| Strontium | 88-1 | 7341293 | 7509782 | 7491849 | 7447641 | 1.24 | cps |
| Sulfur | 34-1 | 216484 | 216732 | 216298 | 216505 | 0.10 | cps |
| Terbium | 159-1 | 15896909 | 14957007 | 14977793 | 15277236 | 3.51 | cps |
| Terbium | 159-2 | 10132238 | 10002038 | 9969329 | 10034535 | 0.86 | cps |
| Thallium | 203-1 | 16824 | 17745 | 17014 | 17194 | 2.83 | cps |
| Thallium | 205-1 | 40564 | 41603 | 42162 | 41443 | 1.96 | cps |
| Tin | 118-1 | 89855 | 94323 | 93189 | 92456 | 2.51 | cps |
| Titanium | 47-1 | 870311 | 908335 | 900141 | 892929 | 2.24 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-14DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:07:04 | DataFile Name : | 188SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 28618 | 30184 | 29834 | 29545 | 2.78 | cps |
| Vanadium | 51-2 | 465324 | 464696 | 462276 | 464099 | 0.35 | cps |
| Yttrium | 89-1 | 14558436 | 13890624 | 13811071 | 14086710 | 2.91 | cps |
| Yttrium | 89-2 | 3458600 | 3466392 | 3427740 | 3450911 | 0.59 | cps |
| Zinc | 66-2 | 1270009 | 1261329 | 1265139 | 1265492 | 0.34 | cps |
| Zirconium | 90-1 | 110532 | 115254 | 115097 | 113628 | 2.36 | cps |
| Zirconium | 91-1 | 24404 | 25275 | 25062 | 24914 | 1.82 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:11:22 | DataFile Name : | 189SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2479511 | 2448789 | 2411094 | 2446465 | 1.40 | cps |
| Antimony | 121-1 | 11682 | 11668 | 11975 | 11775 | 1.47 | cps |
| Arsenic | 75-2 | 6228 | 6221 | 6548 | 6333 | 2.95 | cps |
| Barium | 135-1 | 403697 | 409150 | 406483 | 406443 | 0.67 | cps |
| Barium | 137-1 | 707526 | 709733 | 703982 | 707080 | 0.41 | cps |
| Beryllium | 9-1 | 1643 | 1627 | 1627 | 1632 | 0.59 | cps |
| Bismuth | 209-1 | 8602578 | 8756815 | 8798980 | 8719458 | 1.19 | cps |
| Bismuth | 209-2 | 7254252 | 7212565 | 7252337 | 7239718 | 0.33 | cps |
| Bromine | 81-1 | 20518 | 20381 | 21386 | 20761 | 2.62 | cps |
| Bromine | 81-2 | 1320 | 1387 | 1397 | 1368 | 3.05 | cps |
| Cadmium | 108-1 | 807 | 560 | 743 | 703 | 18.21 | cps |
| Cadmium | 106-1 | 4047 | 4037 | 3877 | 3987 | 2.39 | cps |
| Cadmium | 111-1 | 9577 | 9883 | 9416 | 9625 | 2.47 | cps |
| Calcium | 43-1 | 2493658 | 2530859 | 2475395 | 2499971 | 1.13 | cps |
| Calcium | 44-1 | 40250634 | 40119719 | 40043075 | 40137809 | 0.26 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1208747 | 1203353 | 1202795 | 1204965 | 0.27 | cps |
| Cobalt | 59-2 | 64966 | 65301 | 64735 | 65001 | 0.44 | cps |
| Copper | 63-2 | 306088 | 304046 | 301544 | 303893 | 0.75 | cps |
| Dysprosium | 156-1 | 26452 | 26138 | 25881 | 26157 | 1.09 | cps |
| Dysprosium | 156-2 | 20362 | 21236 | 20422 | 20673 | 2.36 | cps |
| Erbium | 164-1 | 24288 | 24916 | 24592 | 24598 | 1.28 | cps |
| Erbium | 164-2 | 17284 | 17444 | 17458 | 17395 | 0.56 | cps |
| Gadolinium | 160-1 | 26726 | 26191 | 26368 | 26428 | 1.03 | cps |
| Gadolinium | 160-2 | 19577 | 19727 | 19590 | 19632 | 0.42 | cps |
| Holmium | 165-1 | 14332097 | 14449754 | 14500995 | 14427615 | 0.60 | cps |
| Holmium | 165-2 | 10307440 | 10087300 | 10209819 | 10201520 | 1.08 | cps |
| Indium | 115-1 | 11512124 | 11497179 | 11537800 | 11515701 | 0.18 | cps |
| Indium | 115-2 | 3962906 | 3990622 | 3972043 | 3975190 | 0.36 | cps |
| Iron | 56-2 | 364259768 | 366747275 | 360025821 | 363677621 | 0.93 | cps |
| Iron | 57-2 | 8974269 | 9030944 | 8937713 | 8980975 | 0.52 | cps |
| Iron | 54-2 | 19835424 | 19693335 | 19561271 | 19696676 | 0.70 | cps |
| Krypton | 83-1 | 250 | 213 | 257 | 240 | 9.72 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:11:22 | DataFile Name : | 189SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3853665 | 3858867 | 3835972 | 3849501 | 0.31 | cps |
| Lead | 207-1 | 3258597 | 3255553 | 3218132 | 3244094 | 0.69 | cps |
| Lead | 208-1 | 14943235 | 14952829 | 15014150 | 14970071 | 0.26 | cps |
| Lithium | 6-1 | 1621521 | 1646142 | 1615210 | 1627624 | 1.00 | cps |
| Magnesium | 24-2 | 6253358 | 6336316 | 6256221 | 6281965 | 0.75 | cps |
| Manganese | 55-2 | 20605149 | 20627761 | 20607176 | 20613362 | 0.06 | cps |
| Molybdenum | 94-1 | 55023 | 55689 | 54598 | 55103 | 1.00 | cps |
| Molybdenum | 95-1 | 48370 | 49784 | 48480 | 48878 | 1.61 | cps |
| Molybdenum | 96-1 | 61080 | 60899 | 60618 | 60866 | 0.38 | cps |
| Molybdenum | 97-1 | 30218 | 30716 | 30221 | 30385 | 0.94 | cps |
| Molybdenum | 98-1 | 78151 | 78627 | 77641 | 78140 | 0.63 | cps |
| Neodymium | 150-1 | 40786 | 40732 | 40488 | 40669 | 0.39 | cps |
| Neodymium | 150-2 | 24137 | 24154 | 23379 | 23890 | 1.85 | cps |
| Nickel | 60-2 | 160316 | 159926 | 158973 | 159738 | 0.43 | cps |
| Phosphorus | 31-2 | 8202 | 8329 | 8359 | 8297 | 1.00 | cps |
| Potassium | 39-2 | 870117 | 865524 | 860668 | 865436 | 0.55 | cps |
| Rhodium | 103-1 | 10380060 | 10410975 | 10257596 | 10349544 | 0.78 | cps |
| Rhodium | 103-2 | 6155523 | 6083272 | 6159190 | 6132662 | 0.70 | cps |
| Scandium | 45-1 | 5987916 | 5998791 | 5974687 | 5987131 | 0.20 | cps |
| Scandium | 45-2 | 478747 | 481385 | 480465 | 480199 | 0.28 | cps |
| Selenium | 82-1 | 291 | 264 | 268 | 274 | 5.20 | cps |
| Selenium | 77-2 | 67 | 70 | 100 | 79 | 23.27 | cps |
| Selenium | 78-2 | 407 | 433 | 430 | 423 | 3.43 | cps |
| Silicon | 28-1 | 24203004 | 24104375 | 24080779 | 24129386 | 0.27 | cps |
| Silver | 107-1 | 20114 | 19994 | 19937 | 20015 | 0.45 | cps |
| Silver | 109-1 | 19133 | 18852 | 19179 | 19055 | 0.93 | cps |
| Sodium | 23-2 | 268828 | 265415 | 263613 | 265952 | 1.00 | cps |
| Strontium | 86-1 | 981267 | 975712 | 973430 | 976803 | 0.41 | cps |
| Strontium | 88-1 | 8982039 | 8816655 | 8892377 | 8897024 | 0.93 | cps |
| Sulfur | 34-1 | 211610 | 210195 | 208864 | 210223 | 0.65 | cps |
| Terbium | 159-1 | 14618814 | 14651524 | 14741973 | 14670770 | 0.43 | cps |
| Terbium | 159-2 | 10011183 | 10015070 | 10099998 | 10042083 | 0.50 | cps |
| Thallium | 203-1 | 14504 | 14691 | 14334 | 14510 | 1.23 | cps |
| Thallium | 205-1 | 33578 | 34173 | 34764 | 34172 | 1.74 | cps |
| Tin | 118-1 | 77657 | 77839 | 77276 | 77591 | 0.37 | cps |
| Titanium | 47-1 | 595190 | 602747 | 601471 | 599803 | 0.67 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:11:22 | DataFile Name : | 189SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33953 | 34050 | 33796 | 33933 | 0.38 | cps |
| Vanadium | 51-2 | 292483 | 288282 | 290378 | 290381 | 0.72 | cps |
| Yttrium | 89-1 | 13918941 | 13492301 | 13656984 | 13689409 | 1.57 | cps |
| Yttrium | 89-2 | 3422214 | 3445134 | 3507848 | 3458399 | 1.28 | cps |
| Zinc | 66-2 | 997275 | 989422 | 989821 | 992173 | 0.45 | cps |
| Zirconium | 90-1 | 73664 | 73372 | 72712 | 73249 | 0.67 | cps |
| Zirconium | 91-1 | 16102 | 16713 | 16306 | 16374 | 1.90 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:14:29 | DataFile Name : | 190SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2531001 | 2540370 | 2517342 | 2529571 | 0.46 | cps |
| Antimony | 121-1 | 12509 | 12959 | 12319 | 12596 | 2.61 | cps |
| Arsenic | 75-2 | 6428 | 6748 | 6655 | 6610 | 2.49 | cps |
| Barium | 135-1 | 407757 | 415992 | 419128 | 414292 | 1.42 | cps |
| Barium | 137-1 | 704991 | 723648 | 724985 | 717875 | 1.56 | cps |
| Beryllium | 9-1 | 1570 | 1717 | 1800 | 1696 | 6.87 | cps |
| Bismuth | 209-1 | 9058902 | 8743517 | 8685867 | 8829429 | 2.27 | cps |
| Bismuth | 209-2 | 7398104 | 7269153 | 7312234 | 7326497 | 0.90 | cps |
| Bromine | 81-1 | 20458 | 21119 | 21095 | 20890 | 1.80 | cps |
| Bromine | 81-2 | 1540 | 1247 | 1480 | 1422 | 10.90 | cps |
| Cadmium | 108-1 | 687 | 687 | 693 | 689 | 0.56 | cps |
| Cadmium | 106-1 | 4307 | 4051 | 4057 | 4138 | 3.54 | cps |
| Cadmium | 111-1 | 9990 | 9797 | 9757 | 9848 | 1.27 | cps |
| Calcium | 43-1 | 2514676 | 2591739 | 2573288 | 2559901 | 1.57 | cps |
| Calcium | 44-1 | 40201009 | 41057122 | 40747340 | 40668490 | 1.07 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1239583 | 1244658 | 1240129 | 1241456 | 0.22 | cps |
| Cobalt | 59-2 | 67142 | 66811 | 67059 | 67004 | 0.26 | cps |
| Copper | 63-2 | 315589 | 315146 | 313044 | 314593 | 0.43 | cps |
| Dysprosium | 156-1 | 26348 | 27711 | 27053 | 27037 | 2.52 | cps |
| Dysprosium | 156-2 | 21633 | 21747 | 21587 | 21656 | 0.38 | cps |
| Erbium | 164-1 | 24932 | 25450 | 25647 | 25343 | 1.46 | cps |
| Erbium | 164-2 | 17885 | 18162 | 17688 | 17912 | 1.33 | cps |
| Gadolinium | 160-1 | 26655 | 27390 | 27497 | 27181 | 1.69 | cps |
| Gadolinium | 160-2 | 20265 | 19727 | 20352 | 20115 | 1.68 | cps |
| Holmium | 165-1 | 14893484 | 14622179 | 14536910 | 14684191 | 1.27 | cps |
| Holmium | 165-2 | 10347263 | 10290779 | 10201717 | 10279920 | 0.71 | cps |
| Indium | 115-1 | 11890725 | 11403067 | 11552203 | 11615331 | 2.15 | cps |
| Indium | 115-2 | 4016945 | 3944061 | 3960590 | 3973865 | 0.96 | cps |
| Iron | 56-2 | 378329834 | 374590861 | 376188341 | 376369679 | 0.50 | cps |
| Iron | 57-2 | 9333852 | 9231390 | 9218463 | 9261235 | 0.68 | cps |
| Iron | 54-2 | 20436398 | 20300607 | 20303665 | 20346890 | 0.38 | cps |
| Krypton | 83-1 | 253 | 253 | 207 | 238 | 11.33 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:14:29 | DataFile Name : | 190SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3903339 | 4001121 | 3942987 | 3949149 | 1.25 | cps |
| Lead | 207-1 | 3277885 | 3344522 | 3306177 | 3309528 | 1.01 | cps |
| Lead | 208-1 | 15044616 | 15448924 | 15352487 | 15282009 | 1.38 | cps |
| Lithium | 6-1 | 1703140 | 1666638 | 1667495 | 1679091 | 1.24 | cps |
| Magnesium | 24-2 | 6458742 | 6393950 | 6425169 | 6425954 | 0.50 | cps |
| Manganese | 55-2 | 21202670 | 21275055 | 21377884 | 21285203 | 0.41 | cps |
| Molybdenum | 94-1 | 54504 | 55601 | 56003 | 55370 | 1.40 | cps |
| Molybdenum | 95-1 | 51055 | 51289 | 51142 | 51162 | 0.23 | cps |
| Molybdenum | 96-1 | 63129 | 63912 | 64180 | 63740 | 0.86 | cps |
| Molybdenum | 97-1 | 31046 | 32379 | 32149 | 31858 | 2.24 | cps |
| Molybdenum | 98-1 | 80500 | 84100 | 82427 | 82343 | 2.19 | cps |
| Neodymium | 150-1 | 40665 | 41314 | 41528 | 41169 | 1.09 | cps |
| Neodymium | 150-2 | 24491 | 24598 | 24541 | 24544 | 0.22 | cps |
| Nickel | 60-2 | 165660 | 165289 | 165316 | 165422 | 0.12 | cps |
| Phosphorus | 31-2 | 8459 | 8516 | 8926 | 8634 | 2.95 | cps |
| Potassium | 39-2 | 898456 | 894463 | 891821 | 894913 | 0.37 | cps |
| Rhodium | 103-1 | 10850337 | 10364024 | 10329443 | 10514601 | 2.77 | cps |
| Rhodium | 103-2 | 6211509 | 6151610 | 6132276 | 6165132 | 0.67 | cps |
| Scandium | 45-1 | 6143303 | 5980264 | 5991223 | 6038264 | 1.51 | cps |
| Scandium | 45-2 | 485956 | 483188 | 480860 | 483334 | 0.53 | cps |
| Selenium | 82-1 | 263 | 268 | 333 | 288 | 13.60 | cps |
| Selenium | 77-2 | 77 | 87 | 97 | 87 | 11.54 | cps |
| Selenium | 78-2 | 463 | 410 | 423 | 432 | 6.42 | cps |
| Silicon | 28-1 | 22392026 | 22855660 | 22984395 | 22744027 | 1.37 | cps |
| Silver | 107-1 | 20184 | 19894 | 20525 | 20201 | 1.56 | cps |
| Silver | 109-1 | 19123 | 19930 | 19984 | 19679 | 2.45 | cps |
| Sodium | 23-2 | 272244 | 273116 | 271613 | 272324 | 0.28 | cps |
| Strontium | 86-1 | 985204 | 1003730 | 1006638 | 998524 | 1.16 | cps |
| Strontium | 88-1 | 8906787 | 9053350 | 9065394 | 9008510 | 0.98 | cps |
| Sulfur | 34-1 | 210780 | 213976 | 212013 | 212257 | 0.76 | cps |
| Terbium | 159-1 | 15432741 | 14918176 | 14893616 | 15081511 | 2.02 | cps |
| Terbium | 159-2 | 10019820 | 10170900 | 10013643 | 10068121 | 0.88 | cps |
| Thallium | 203-1 | 15419 | 15562 | 15402 | 15461 | 0.57 | cps |
| Thallium | 205-1 | 36315 | 36796 | 36723 | 36611 | 0.71 | cps |
| Tin | 118-1 | 79394 | 83034 | 82843 | 81757 | 2.51 | cps |
| Titanium | 47-1 | 580839 | 596604 | 599967 | 592470 | 1.72 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-17DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:14:29 | DataFile Name : | 190SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33512 | 34448 | 35454 | 34471 | 2.82 | cps |
| Vanadium | 51-2 | 302765 | 297847 | 298882 | 299832 | 0.86 | cps |
| Yttrium | 89-1 | 14374386 | 13785542 | 13860237 | 14006722 | 2.29 | cps |
| Yttrium | 89-2 | 3513391 | 3452747 | 3452845 | 3472994 | 1.01 | cps |
| Zinc | 66-2 | 1033369 | 1031208 | 1030252 | 1031609 | 0.15 | cps |
| Zirconium | 90-1 | 69651 | 72306 | 70655 | 70871 | 1.89 | cps |
| Zirconium | 91-1 | 15739 | 18124 | 15955 | 16606 | 7.94 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 23:17:34 | DataFile Name : | 191SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 511915 | 518105 | 519499 | 516506 | 0.78 | cps |
| Antimony | 121-1 | 2390 | 2460 | 2444 | 2431 | 1.50 | cps |
| Arsenic | 75-2 | 1300 | 1327 | 1337 | 1321 | 1.43 | cps |
| Barium | 135-1 | 83070 | 83530 | 83053 | 83218 | 0.32 | cps |
| Barium | 137-1 | 143822 | 144267 | 145879 | 144656 | 0.75 | cps |
| Beryllium | 9-1 | 310 | 400 | 480 | 397 | 21.44 | cps |
| Bismuth | 209-1 | 8613483 | 8732902 | 8608842 | 8651742 | 0.81 | cps |
| Bismuth | 209-2 | 7367094 | 7286760 | 7332379 | 7328744 | 0.55 | cps |
| Bromine | 81-1 | 15995 | 16169 | 16062 | 16075 | 0.54 | cps |
| Bromine | 81-2 | 503 | 440 | 487 | 477 | 6.89 | cps |
| Cadmium | 108-1 | 143 | 143 | 123 | 137 | 8.45 | cps |
| Cadmium | 106-1 | 3490 | 3330 | 3324 | 3382 | 2.79 | cps |
| Cadmium | 111-1 | 3970 | 3674 | 3794 | 3813 | 3.90 | cps |
| Calcium | 43-1 | 539950 | 543408 | 540761 | 541373 | 0.33 | cps |
| Calcium | 44-1 | 8219942 | 8355900 | 8352091 | 8309311 | 0.93 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 260533 | 259102 | 254936 | 258190 | 1.13 | cps |
| Cobalt | 59-2 | 14177 | 14127 | 14087 | 14130 | 0.32 | cps |
| Copper | 63-2 | 70468 | 69537 | 69584 | 69863 | 0.75 | cps |
| Dysprosium | 156-1 | 5031 | 5671 | 5398 | 5367 | 5.99 | cps |
| Dysprosium | 156-2 | 4261 | 4377 | 4417 | 4352 | 1.87 | cps |
| Erbium | 164-1 | 5114 | 4928 | 5031 | 5024 | 1.86 | cps |
| Erbium | 164-2 | 3560 | 3540 | 3587 | 3563 | 0.66 | cps |
| Gadolinium | 160-1 | 5388 | 5448 | 5491 | 5442 | 0.95 | cps |
| Gadolinium | 160-2 | 4394 | 4371 | 4461 | 4409 | 1.06 | cps |
| Holmium | 165-1 | 14085079 | 14180603 | 14024992 | 14096891 | 0.56 | cps |
| Holmium | 165-2 | 10271831 | 10147883 | 9954679 | 10124798 | 1.58 | cps |
| Indium | 115-1 | 11322172 | 11376171 | 11269359 | 11322567 | 0.47 | cps |
| Indium | 115-2 | 4032915 | 4002160 | 4035571 | 4023549 | 0.46 | cps |
| Iron | 56-2 | 77565102 | 77506112 | 78052877 | 77708031 | 0.39 | cps |
| Iron | 57-2 | 1934951 | 1900376 | 1914065 | 1916464 | 0.91 | cps |
| Iron | 54-2 | 4160527 | 4116242 | 4209361 | 4162043 | 1.12 | cps |
| Krypton | 83-1 | 193 | 240 | 247 | 227 | 12.82 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 23:17:34 | DataFile Name : | 191SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 730865 | 733814 | 735639 | 733440 | 0.33 | cps |
| Lead | 207-1 | 592701 | 599487 | 597346 | 596511 | 0.58 | cps |
| Lead | 208-1 | 2770761 | 2801294 | 2796953 | 2789669 | 0.59 | cps |
| Lithium | 6-1 | 1641396 | 1633703 | 1617878 | 1630992 | 0.74 | cps |
| Magnesium | 24-2 | 1344285 | 1348877 | 1336354 | 1343172 | 0.47 | cps |
| Manganese | 55-2 | 4368863 | 4408206 | 4415727 | 4397599 | 0.57 | cps |
| Molybdenum | 94-1 | 11058 | 11318 | 11468 | 11281 | 1.84 | cps |
| Molybdenum | 95-1 | 10074 | 10437 | 10330 | 10280 | 1.82 | cps |
| Molybdenum | 96-1 | 12792 | 12709 | 12762 | 12755 | 0.33 | cps |
| Molybdenum | 97-1 | 6215 | 6218 | 6358 | 6264 | 1.31 | cps |
| Molybdenum | 98-1 | 16039 | 16156 | 16316 | 16170 | 0.86 | cps |
| Neodymium | 150-1 | 8106 | 7962 | 8006 | 8025 | 0.92 | cps |
| Neodymium | 150-2 | 5081 | 4924 | 4761 | 4922 | 3.25 | cps |
| Nickel | 60-2 | 35161 | 34650 | 34216 | 34676 | 1.36 | cps |
| Phosphorus | 31-2 | 1980 | 1800 | 1860 | 1880 | 4.88 | cps |
| Potassium | 39-2 | 219132 | 219166 | 220689 | 219662 | 0.40 | cps |
| Rhodium | 103-1 | 10385359 | 10341093 | 10356778 | 10361077 | 0.22 | cps |
| Rhodium | 103-2 | 6263267 | 6252266 | 6250406 | 6255313 | 0.11 | cps |
| Scandium | 45-1 | 5881676 | 5932771 | 5888753 | 5901066 | 0.47 | cps |
| Scandium | 45-2 | 486309 | 482458 | 487666 | 485478 | 0.56 | cps |
| Selenium | 82-1 | 128 | 114 | 116 | 119 | 6.02 | cps |
| Selenium | 77-2 | 20 | 10 | 13 | 14 | 35.26 | cps |
| Selenium | 78-2 | 377 | 427 | 430 | 411 | 7.27 | cps |
| Silicon | 28-1 | 5488598 | 5493357 | 5564177 | 5515377 | 0.77 | cps |
| Silver | 107-1 | 4177 | 4231 | 4204 | 4204 | 0.63 | cps |
| Silver | 109-1 | 3921 | 4071 | 3844 | 3945 | 2.92 | cps |
| Sodium | 23-2 | 77993 | 77738 | 76783 | 77505 | 0.82 | cps |
| Strontium | 86-1 | 199577 | 202753 | 204512 | 202281 | 1.24 | cps |
| Strontium | 88-1 | 1817955 | 1814077 | 1821627 | 1817886 | 0.21 | cps |
| Sulfur | 34-1 | 185835 | 184587 | 184276 | 184899 | 0.45 | cps |
| Terbium | 159-1 | 14482136 | 14365175 | 14449221 | 14432177 | 0.42 | cps |
| Terbium | 159-2 | 9954701 | 10061956 | 9983862 | 10000173 | 0.55 | cps |
| Thallium | 203-1 | 3134 | 3224 | 2957 | 3105 | 4.37 | cps |
| Thallium | 205-1 | 7522 | 7502 | 7515 | 7513 | 0.14 | cps |
| Tin | 118-1 | 17057 | 17902 | 16803 | 17254 | 3.33 | cps |
| Titanium | 47-1 | 123193 | 124362 | 124506 | 124021 | 0.58 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-16LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-23 23:17:34 | DataFile Name : | 191SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6879 | 7042 | 6802 | 6907 | 1.78 | cps |
| Vanadium | 51-2 | 61886 | 60845 | 61575 | 61435 | 0.87 | cps |
| Yttrium | 89-1 | 13187682 | 13262834 | 13179384 | 13209967 | 0.35 | cps |
| Yttrium | 89-2 | 3403173 | 3407509 | 3427952 | 3412878 | 0.39 | cps |
| Zinc | 66-2 | 215718 | 213656 | 216468 | 215281 | 0.68 | cps |
| Zirconium | 90-1 | 15602 | 14961 | 15642 | 15402 | 2.48 | cps |
| Zirconium | 91-1 | 3344 | 3517 | 3350 | 3404 | 2.89 | cps |

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On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:20:48 | DataFile Name : | 192SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2517696 | 2564310 | 2535481 | 2539162 | 0.93 | cps |
| Antimony | 121-1 | 136874 | 138526 | 140236 | 138545 | 1.21 | cps |
| Arsenic | 75-2 | 8719 | 8886 | 8723 | 8776 | 1.09 | cps |
| Barium | 135-1 | 1010089 | 1019557 | 1026630 | 1018759 | 0.81 | cps |
| Barium | 137-1 | 1878344 | 1884587 | 1868315 | 1877082 | 0.44 | cps |
| Beryllium | 9-1 | 8979 | 8966 | 8672 | 8873 | 1.95 | cps |
| Bismuth | 209-1 | 9025811 | 8762060 | 8701206 | 8829692 | 1.95 | cps |
| Bismuth | 209-2 | 7431840 | 7348592 | 7306365 | 7362266 | 0.87 | cps |
| Bromine | 81-1 | 19113 | 19443 | 20060 | 19539 | 2.46 | cps |
| Bromine | 81-2 | 1237 | 1340 | 1220 | 1266 | 5.14 | cps |
| Cadmium | 108-1 | 1653 | 1747 | 1610 | 1670 | 4.18 | cps |
| Cadmium | 106-1 | 5618 | 5781 | 5691 | 5697 | 1.44 | cps |
| Cadmium | 111-1 | 26061 | 26163 | 25895 | 26040 | 0.52 | cps |
| Calcium | 43-1 | 2485161 | 2571261 | 2498953 | 2518459 | 1.84 | cps |
| Calcium | 44-1 | 39682656 | 40820004 | 39944671 | 40149111 | 1.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1303304 | 1309977 | 1310693 | 1307991 | 0.31 | cps |
| Cobalt | 59-2 | 435944 | 435495 | 438190 | 436543 | 0.33 | cps |
| Copper | 63-2 | 431699 | 434980 | 435536 | 434072 | 0.48 | cps |
| Dysprosium | 156-1 | 25633 | 26552 | 26999 | 26395 | 2.64 | cps |
| Dysprosium | 156-2 | 20338 | 21006 | 21229 | 20858 | 2.22 | cps |
| Erbium | 164-1 | 24021 | 24585 | 24625 | 24410 | 1.38 | cps |
| Erbium | 164-2 | 17534 | 17544 | 17534 | 17538 | 0.03 | cps |
| Gadolinium | 160-1 | 25877 | 26539 | 26078 | 26165 | 1.30 | cps |
| Gadolinium | 160-2 | 20168 | 19964 | 19794 | 19975 | 0.94 | cps |
| Holmium | 165-1 | 14703864 | 14442929 | 14458885 | 14535226 | 1.01 | cps |
| Holmium | 165-2 | 10270763 | 10157834 | 10361350 | 10263316 | 0.99 | cps |
| Indium | 115-1 | 11771872 | 11404976 | 11426932 | 11534594 | 1.78 | cps |
| Indium | 115-2 | 4001735 | 3972878 | 3991360 | 3988657 | 0.37 | cps |
| Iron | 56-2 | 368604915 | 368334221 | 366054915 | 367664683 | 0.38 | cps |
| Iron | 57-2 | 9068037 | 9104578 | 8946714 | 9039776 | 0.91 | cps |
| Iron | 54-2 | 20071317 | 19812543 | 19802929 | 19895597 | 0.77 | cps |
| Krypton | 83-1 | 227 | 210 | 257 | 231 | 10.23 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:20:48 | DataFile Name : | 192SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3769838 | 3855483 | 3869311 | 3831544 | 1.41 | cps |
| Lead | 207-1 | 3210870 | 3262920 | 3196137 | 3223309 | 1.09 | cps |
| Lead | 208-1 | 14848612 | 15008471 | 14947431 | 14934838 | 0.54 | cps |
| Lithium | 6-1 | 1690798 | 1641760 | 1640228 | 1657595 | 1.74 | cps |
| Magnesium | 24-2 | 6309106 | 6319321 | 6403463 | 6343963 | 0.82 | cps |
| Manganese | 55-2 | 21243420 | 20966908 | 21031293 | 21080540 | 0.69 | cps |
| Molybdenum | 94-1 | 52922 | 54230 | 53427 | 53526 | 1.23 | cps |
| Molybdenum | 95-1 | 49651 | 50299 | 50691 | 50213 | 1.05 | cps |
| Molybdenum | 96-1 | 62001 | 63189 | 62406 | 62532 | 0.97 | cps |
| Molybdenum | 97-1 | 31390 | 31267 | 31584 | 31414 | 0.51 | cps |
| Molybdenum | 98-1 | 79039 | 80547 | 81723 | 80436 | 1.67 | cps |
| Neodymium | 150-1 | 39492 | 40294 | 40154 | 39980 | 1.07 | cps |
| Neodymium | 150-2 | 23980 | 23580 | 24655 | 24072 | 2.26 | cps |
| Nickel | 60-2 | 256510 | 256287 | 255947 | 256248 | 0.11 | cps |
| Phosphorus | 31-2 | 8526 | 8409 | 8572 | 8502 | 0.99 | cps |
| Potassium | 39-2 | 878448 | 878939 | 877413 | 878267 | 0.09 | cps |
| Rhodium | 103-1 | 10664412 | 10439503 | 10298388 | 10467434 | 1.76 | cps |
| Rhodium | 103-2 | 6264126 | 6086483 | 6205017 | 6185209 | 1.46 | cps |
| Scandium | 45-1 | 6288544 | 6031331 | 5943337 | 6087738 | 2.95 | cps |
| Scandium | 45-2 | 487122 | 483387 | 485117 | 485209 | 0.39 | cps |
| Selenium | 82-1 | 2193 | 2336 | 2284 | 2271 | 3.18 | cps |
| Selenium | 77-2 | 240 | 317 | 313 | 290 | 14.94 | cps |
| Selenium | 78-2 | 1053 | 1140 | 943 | 1046 | 9.43 | cps |
| Silicon | 28-1 | 21578656 | 22301970 | 21920768 | 21933798 | 1.65 | cps |
| Silver | 107-1 | 96334 | 98900 | 98471 | 97902 | 1.40 | cps |
| Silver | 109-1 | 94264 | 95364 | 94566 | 94731 | 0.60 | cps |
| Sodium | 23-2 | 265759 | 268836 | 266282 | 266959 | 0.62 | cps |
| Strontium | 86-1 | 958537 | 970649 | 973841 | 967676 | 0.83 | cps |
| Strontium | 88-1 | 8662476 | 8785336 | 8735162 | 8727658 | 0.71 | cps |
| Sulfur | 34-1 | 212092 | 213290 | 212351 | 212578 | 0.30 | cps |
| Terbium | 159-1 | 15272235 | 14878651 | 14706296 | 14952394 | 1.94 | cps |
| Terbium | 159-2 | 10278342 | 10041320 | 10054238 | 10124633 | 1.32 | cps |
| Thallium | 203-1 | 72787 | 73376 | 73225 | 73129 | 0.42 | cps |
| Thallium | 205-1 | 172650 | 177474 | 177028 | 175717 | 1.52 | cps |
| Tin | 118-1 | 79960 | 79987 | 79602 | 79850 | 0.27 | cps |
| Titanium | 47-1 | 567631 | 580376 | 574023 | 574010 | 1.11 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5156-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28W2S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:20:48 | DataFile Name : | 192SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33275 | 33776 | 33642 | 33565 | 0.77 | cps |
| Vanadium | 51-2 | 499168 | 497570 | 498655 | 498464 | 0.16 | cps |
| Yttrium | 89-1 | 14191820 | 13684861 | 13595786 | 13824155 | 2.33 | cps |
| Yttrium | 89-2 | 3501164 | 3448183 | 3434342 | 3461230 | 1.02 | cps |
| Zinc | 66-2 | 1053231 | 1048568 | 1056556 | 1052785 | 0.38 | cps |
| Zirconium | 90-1 | 65686 | 67166 | 67615 | 66822 | 1.51 | cps |
| Zirconium | 91-1 | 15045 | 14451 | 15462 | 14986 | 3.39 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:23:54 | DataFile Name : | 193SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2386541 | 2349050 | 2364030 | 2366541 | 0.80 | cps |
| Antimony | 121-1 | 1301106 | 1347341 | 1351500 | 1333316 | 2.10 | cps |
| Arsenic | 75-2 | 171360 | 171043 | 171137 | 171180 | 0.10 | cps |
| Barium | 135-1 | 1348242 | 1379172 | 1372410 | 1366608 | 1.19 | cps |
| Barium | 137-1 | 2497912 | 2499415 | 2550167 | 2515832 | 1.18 | cps |
| Beryllium | 9-1 | 337 | 397 | 383 | 372 | 8.47 | cps |
| Bismuth | 209-1 | 9172805 | 8812633 | 8790552 | 8925330 | 2.40 | cps |
| Bismuth | 209-2 | 7411673 | 7478272 | 7367573 | 7419173 | 0.75 | cps |
| Bromine | 81-1 | 31918 | 35823 | 35904 | 34548 | 6.59 | cps |
| Bromine | 81-2 | 4207 | 4127 | 4251 | 4195 | 1.49 | cps |
| Cadmium | 108-1 | 1173 | 1077 | 1070 | 1107 | 5.23 | cps |
| Cadmium | 106-1 | 4764 | 4707 | 4811 | 4761 | 1.09 | cps |
| Cadmium | 111-1 | 10249 | 10014 | 10101 | 10121 | 1.18 | cps |
| Calcium | 43-1 | 745596 | 771000 | 768836 | 761811 | 1.85 | cps |
| Calcium | 44-1 | 11470562 | 11855971 | 11754716 | 11693750 | 1.71 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 90385 | 90201 | 90462 | 90349 | 0.15 | cps |
| Cobalt | 59-2 | 669080 | 670587 | 664404 | 668023 | 0.48 | cps |
| Copper | 63-2 | 5713661 | 5672226 | 5632308 | 5672732 | 0.72 | cps |
| Dysprosium | 156-1 | 16653 | 15899 | 16380 | 16311 | 2.34 | cps |
| Dysprosium | 156-2 | 13333 | 13356 | 13647 | 13445 | 1.30 | cps |
| Erbium | 164-1 | 14798 | 15512 | 15709 | 15340 | 3.12 | cps |
| Erbium | 164-2 | 10838 | 11081 | 10874 | 10931 | 1.20 | cps |
| Gadolinium | 160-1 | 15696 | 16049 | 15532 | 15759 | 1.68 | cps |
| Gadolinium | 160-2 | 12529 | 12469 | 12135 | 12378 | 1.71 | cps |
| Holmium | 165-1 | 14984337 | 14554638 | 14567506 | 14702160 | 1.66 | cps |
| Holmium | 165-2 | 10514922 | 10537493 | 10298786 | 10450400 | 1.26 | cps |
| Indium | 115-1 | 12304428 | 12026654 | 12072623 | 12134568 | 1.23 | cps |
| Indium | 115-2 | 4322952 | 4252373 | 4321660 | 4298995 | 0.94 | cps |
| Iron | 56-2 | 290260056 | 289096589 | 287141609 | 288832751 | 0.55 | cps |
| Iron | 57-2 | 7047046 | 7078558 | 7113857 | 7079820 | 0.47 | cps |
| Iron | 54-2 | 15635586 | 15608310 | 15499886 | 15581261 | 0.46 | cps |
| Krypton | 83-1 | 203 | 213 | 260 | 226 | 13.41 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:23:54 | DataFile Name : | 193SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6584046 | 6501346 | 6585633 | 6557008 | 0.74 | cps |
| Lead | 207-1 | 5763725 | 5796990 | 5762738 | 5774484 | 0.34 | cps |
| Lead | 208-1 | 26257400 | 26199004 | 26404015 | 26286806 | 0.40 | cps |
| Lithium | 6-1 | 1675477 | 1648606 | 1655442 | 1659841 | 0.84 | cps |
| Magnesium | 24-2 | 2755490 | 2727069 | 2687093 | 2723217 | 1.26 | cps |
| Manganese | 55-2 | 1659843 | 1656274 | 1629364 | 1648494 | 1.01 | cps |
| Molybdenum | 94-1 | 71962 | 73620 | 74994 | 73525 | 2.06 | cps |
| Molybdenum | 95-1 | 52270 | 54514 | 54896 | 53893 | 2.63 | cps |
| Molybdenum | 96-1 | 70021 | 69025 | 69815 | 69621 | 0.76 | cps |
| Molybdenum | 97-1 | 33592 | 33802 | 33796 | 33730 | 0.35 | cps |
| Molybdenum | 98-1 | 85421 | 87755 | 88811 | 87329 | 1.99 | cps |
| Neodymium | 150-1 | 24632 | 25263 | 24955 | 24950 | 1.26 | cps |
| Neodymium | 150-2 | 15452 | 15342 | 15105 | 15300 | 1.16 | cps |
| Nickel | 60-2 | 39592 | 39552 | 38994 | 39379 | 0.85 | cps |
| Phosphorus | 31-2 | 5511 | 5668 | 5811 | 5663 | 2.65 | cps |
| Potassium | 39-2 | 1120833 | 1121128 | 1112815 | 1118258 | 0.42 | cps |
| Rhodium | 103-1 | 10927727 | 10797439 | 10899199 | 10874789 | 0.63 | cps |
| Rhodium | 103-2 | 6520985 | 6565479 | 6481088 | 6522517 | 0.65 | cps |
| Scandium | 45-1 | 6308192 | 6242620 | 6228845 | 6259886 | 0.68 | cps |
| Scandium | 45-2 | 523394 | 521185 | 517680 | 520753 | 0.55 | cps |
| Selenium | 82-1 | 344 | 335 | 314 | 331 | 4.58 | cps |
| Selenium | 77-2 | 43 | 63 | 50 | 52 | 19.50 | cps |
| Selenium | 78-2 | 550 | 523 | 527 | 533 | 2.72 | cps |
| Silicon | 28-1 | 19964069 | 20286331 | 20204752 | 20151717 | 0.83 | cps |
| Silver | 107-1 | 39520 | 40817 | 40924 | 40421 | 1.93 | cps |
| Silver | 109-1 | 37318 | 39123 | 39126 | 38522 | 2.71 | cps |
| Sodium | 23-2 | 5000959 | 4946295 | 4978481 | 4975245 | 0.55 | cps |
| Strontium | 86-1 | 1010503 | 1035021 | 1037076 | 1027534 | 1.44 | cps |
| Strontium | 88-1 | 9085659 | 9366690 | 9399234 | 9283861 | 1.86 | cps |
| Sulfur | 34-1 | 325704 | 329415 | 329811 | 328310 | 0.69 | cps |
| Terbium | 159-1 | 15303705 | 14781799 | 14959316 | 15014940 | 1.77 | cps |
| Terbium | 159-2 | 10471576 | 10288801 | 10156385 | 10305587 | 1.54 | cps |
| Thallium | 203-1 | 1607 | 1570 | 1650 | 1609 | 2.49 | cps |
| Thallium | 205-1 | 3641 | 3881 | 3901 | 3807 | 3.80 | cps |
| Tin | 118-1 | 533113 | 551832 | 552779 | 545908 | 2.03 | cps |
| Titanium | 47-1 | 699516 | 725020 | 731315 | 718617 | 2.34 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | P5254-13DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKK3 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-23 23:23:54 | DataFile Name : | 193SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 90039 | 91096 | 91086 | 90740 | 0.67 | cps |
| Vanadium | 51-2 | 122431 | 121665 | 122048 | 122048 | 0.31 | cps |
| Yttrium | 89-1 | 14206671 | 14089476 | 14116424 | 14137524 | 0.43 | cps |
| Yttrium | 89-2 | 3626673 | 3688099 | 3579039 | 3631270 | 1.51 | cps |
| Zinc | 66-2 | 5982295 | 5911759 | 5954081 | 5949378 | 0.60 | cps |
| Zirconium | 90-1 | 113212 | 116000 | 114949 | 114720 | 1.23 | cps |
| Zirconium | 91-1 | 24330 | 26264 | 25693 | 25429 | 3.91 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:26:57 | DataFile Name : | 194CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11724594 | 11679586 | 11554600 | 11652927 | 0.76 | cps |
| Antimony | 121-1 | 5736291 | 5791977 | 5790192 | 5772820 | 0.55 | cps |
| Arsenic | 75-2 | 265410 | 262931 | 262241 | 263527 | 0.63 | cps |
| Barium | 135-1 | 7557511 | 7583011 | 7591726 | 7577416 | 0.23 | cps |
| Barium | 137-1 | 12991394 | 12893999 | 12962006 | 12949133 | 0.39 | cps |
| Beryllium | 9-1 | 646885 | 659164 | 656628 | 654226 | 0.99 | cps |
| Bismuth | 209-1 | 7947270 | 7939611 | 7776508 | 7887796 | 1.22 | cps |
| Bismuth | 209-2 | 6565832 | 6569724 | 6614158 | 6583238 | 0.41 | cps |
| Bromine | 81-1 | 14577 | 14033 | 14300 | 14304 | 1.90 | cps |
| Bromine | 81-2 | 157 | 173 | 143 | 158 | 9.53 | cps |
| Cadmium | 108-1 | 102341 | 102421 | 102331 | 102364 | 0.05 | cps |
| Cadmium | 106-1 | 146807 | 148826 | 147894 | 147842 | 0.68 | cps |
| Cadmium | 111-1 | 1360570 | 1383119 | 1376479 | 1373389 | 0.84 | cps |
| Calcium | 43-1 | 7513217 | 7627630 | 7564750 | 7568532 | 0.76 | cps |
| Calcium | 44-1 | 119881458 | 119945408 | 121295395 | 120374087 | 0.66 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2143046 | 2128485 | 2111517 | 2127683 | 0.74 | cps |
| Cobalt | 59-2 | 3316032 | 3324523 | 3273543 | 3304699 | 0.83 | cps |
| Copper | 63-2 | 23481750 | 23531652 | 23254280 | 23422561 | 0.63 | cps |
| Dysprosium | 156-1 | 320 | 310 | 290 | 307 | 4.98 | cps |
| Dysprosium | 156-2 | 397 | 403 | 500 | 433 | 13.35 | cps |
| Erbium | 164-1 | 297 | 380 | 313 | 330 | 13.36 | cps |
| Erbium | 164-2 | 157 | 160 | 223 | 180 | 20.87 | cps |
| Gadolinium | 160-1 | 273 | 270 | 317 | 287 | 9.08 | cps |
| Gadolinium | 160-2 | 517 | 547 | 607 | 557 | 8.23 | cps |
| Holmium | 165-1 | 13973465 | 13865434 | 13765297 | 13868065 | 0.75 | cps |
| Holmium | 165-2 | 9752612 | 9917068 | 9763173 | 9810951 | 0.94 | cps |
| Indium | 115-1 | 10544474 | 10529808 | 10395420 | 10489901 | 0.78 | cps |
| Indium | 115-2 | 3664206 | 3707938 | 3643528 | 3671891 | 0.90 | cps |
| Iron | 56-2 | 502675726 | 498649153 | 494415339 | 498580073 | 0.83 | cps |
| Iron | 57-2 | 12281491 | 12347381 | 12341462 | 12323445 | 0.30 | cps |
| Iron | 54-2 | 26968997 | 26867970 | 26538015 | 26791660 | 0.84 | cps |
| Krypton | 83-1 | 200 | 230 | 243 | 224 | 9.89 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:26:57 | DataFile Name : | 194CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22364661 | 22734271 | 22444624 | 22514519 | 0.86 | cps |
| Lead | 207-1 | 20078506 | 20293297 | 20133515 | 20168439 | 0.55 | cps |
| Lead | 208-1 | 90774988 | 92181914 | 90851090 | 91269331 | 0.87 | cps |
| Lithium | 6-1 | 1554730 | 1556358 | 1560505 | 1557198 | 0.19 | cps |
| Magnesium | 24-2 | 92566589 | 91166469 | 91694539 | 91809199 | 0.77 | cps |
| Manganese | 55-2 | 16850599 | 16694653 | 16586855 | 16710703 | 0.79 | cps |
| Molybdenum | 94-1 | 20004507 | 20484301 | 20558249 | 20349019 | 1.48 | cps |
| Molybdenum | 95-1 | 28992599 | 29390385 | 29600570 | 29327851 | 1.05 | cps |
| Molybdenum | 96-1 | 31800745 | 32328161 | 32240420 | 32123108 | 0.88 | cps |
| Molybdenum | 97-1 | 18260418 | 18439866 | 18265538 | 18321941 | 0.56 | cps |
| Molybdenum | 98-1 | 47375396 | 47735684 | 47134796 | 47415292 | 0.64 | cps |
| Neodymium | 150-1 | 473 | 497 | 440 | 470 | 6.06 | cps |
| Neodymium | 150-2 | 147 | 160 | 153 | 153 | 4.35 | cps |
| Nickel | 60-2 | 788288 | 783305 | 780544 | 784046 | 0.50 | cps |
| Phosphorus | 31-2 | 104393 | 105161 | 104134 | 104563 | 0.51 | cps |
| Potassium | 39-2 | 58970499 | 58396049 | 58038296 | 58468281 | 0.80 | cps |
| Rhodium | 103-1 | 9358468 | 9293709 | 9261005 | 9304394 | 0.53 | cps |
| Rhodium | 103-2 | 5496673 | 5524657 | 5475865 | 5499065 | 0.45 | cps |
| Scandium | 45-1 | 5758773 | 5757386 | 5667051 | 5727737 | 0.92 | cps |
| Scandium | 45-2 | 458836 | 462079 | 455052 | 458656 | 0.77 | cps |
| Selenium | 82-1 | 82726 | 84227 | 83207 | 83387 | 0.92 | cps |
| Selenium | 77-2 | 7939 | 7952 | 7835 | 7909 | 0.81 | cps |
| Selenium | 78-2 | 28003 | 27629 | 27519 | 27717 | 0.92 | cps |
| Silicon | 28-1 | 3477239 | 3545872 | 3517968 | 3513693 | 0.98 | cps |
| Silver | 107-1 | 7004798 | 7214659 | 7084560 | 7101339 | 1.49 | cps |
| Silver | 109-1 | 6779406 | 6871529 | 6751483 | 6800806 | 0.92 | cps |
| Sodium | 23-2 | 151497828 | 149524728 | 150433011 | 150485189 | 0.66 | cps |
| Strontium | 86-1 | 1882173 | 1862747 | 1863525 | 1869482 | 0.59 | cps |
| Strontium | 88-1 | 16041999 | 16113142 | 16367401 | 16174181 | 1.06 | cps |
| Sulfur | 34-1 | 577234 | 576980 | 571906 | 575373 | 0.52 | cps |
| Terbium | 159-1 | 14118951 | 13980997 | 13997859 | 14032603 | 0.54 | cps |
| Terbium | 159-2 | 9539617 | 9668127 | 9630686 | 9612810 | 0.69 | cps |
| Thallium | 203-1 | 5770178 | 5837062 | 5811553 | 5806264 | 0.58 | cps |
| Thallium | 205-1 | 13742351 | 13748450 | 13579196 | 13689999 | 0.70 | cps |
| Tin | 118-1 | 4856667 | 4951126 | 4882359 | 4896717 | 1.00 | cps |
| Titanium | 47-1 | 7008541 | 6977867 | 6994501 | 6993636 | 0.22 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCV051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:26:57 | DataFile Name : | 194CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17703252 | 18299566 | 18078741 | 18027186 | 1.67 | cps |
| Vanadium | 51-2 | 1931119 | 1918753 | 1889814 | 1913229 | 1.11 | cps |
| Yttrium | 89-1 | 12594974 | 12605195 | 12536287 | 12578819 | 0.30 | cps |
| Yttrium | 89-2 | 3259357 | 3210043 | 3156540 | 3208647 | 1.60 | cps |
| Zinc | 66-2 | 3891596 | 3886676 | 3841481 | 3873251 | 0.71 | cps |
| Zirconium | 90-1 | 9790196 | 9982887 | 10046528 | 9939871 | 1.34 | cps |
| Zirconium | 91-1 | 2207095 | 2208364 | 2227875 | 2214444 | 0.53 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:29:38 | DataFile Name : | 195CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1340 | 1310 | 1200 | 1283 | 5.74 | cps |
| Antimony | 121-1 | 2940 | 2774 | 2290 | 2668 | 12.66 | cps |
| Arsenic | 75-2 | 40 | 53 | 60 | 51 | 19.92 | cps |
| Barium | 135-1 | 1240 | 1020 | 880 | 1047 | 17.34 | cps |
| Barium | 137-1 | 2027 | 1797 | 1767 | 1863 | 7.63 | cps |
| Beryllium | 9-1 | 253 | 227 | 210 | 230 | 9.50 | cps |
| Bismuth | 209-1 | 8792404 | 8782664 | 8749365 | 8774811 | 0.26 | cps |
| Bismuth | 209-2 | 7466242 | 7425264 | 7381330 | 7424279 | 0.57 | cps |
| Bromine | 81-1 | 13660 | 14073 | 13983 | 13906 | 1.56 | cps |
| Bromine | 81-2 | 160 | 140 | 180 | 160 | 12.50 | cps |
| Cadmium | 108-1 | 33 | 7 | 20 | 20 | 66.65 | cps |
| Cadmium | 106-1 | 3130 | 3177 | 3040 | 3116 | 2.23 | cps |
| Cadmium | 111-1 | 2405 | 2456 | 2331 | 2397 | 2.62 | cps |
| Calcium | 43-1 | 1463 | 1297 | 1153 | 1305 | 11.89 | cps |
| Calcium | 44-1 | 25648 | 23558 | 21989 | 23732 | 7.74 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1393 | 1400 | 1337 | 1377 | 2.53 | cps |
| Cobalt | 59-2 | 480 | 400 | 470 | 450 | 9.69 | cps |
| Copper | 63-2 | 3897 | 3714 | 3447 | 3686 | 6.14 | cps |
| Dysprosium | 156-1 | 10 | 10 | 7 | 9 | 21.63 | cps |
| Dysprosium | 156-2 | 0 | 7 | 0 | 2 | 173.21 | cps |
| Erbium | 164-1 | 30 | 50 | 47 | 42 | 25.38 | cps |
| Erbium | 164-2 | 30 | 47 | 30 | 36 | 27.07 | cps |
| Gadolinium | 160-1 | 37 | 57 | 20 | 38 | 48.60 | cps |
| Gadolinium | 160-2 | 400 | 437 | 420 | 419 | 4.38 | cps |
| Holmium | 165-1 | 14248372 | 14211123 | 14016071 | 14158522 | 0.88 | cps |
| Holmium | 165-2 | 10191975 | 10186448 | 10106059 | 10161494 | 0.47 | cps |
| Indium | 115-1 | 11353528 | 11335016 | 11413978 | 11367508 | 0.36 | cps |
| Indium | 115-2 | 4072812 | 4050814 | 4009887 | 4044504 | 0.79 | cps |
| Iron | 56-2 | 78463 | 76004 | 71746 | 75405 | 4.51 | cps |
| Iron | 57-2 | 2220 | 2190 | 2124 | 2178 | 2.27 | cps |
| Iron | 54-2 | 5664 | 5368 | 5211 | 5414 | 4.25 | cps |
| Krypton | 83-1 | 173 | 157 | 217 | 182 | 17.00 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:29:38 | DataFile Name : | 195CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4601 | 4017 | 3791 | 4136 | 10.11 | cps |
| Lead | 207-1 | 3851 | 3474 | 3407 | 3577 | 6.68 | cps |
| Lead | 208-1 | 17711 | 16124 | 15190 | 16342 | 7.80 | cps |
| Lithium | 6-1 | 1667409 | 1689041 | 1713340 | 1689930 | 1.36 | cps |
| Magnesium | 24-2 | 10597 | 10630 | 9830 | 10352 | 4.37 | cps |
| Manganese | 55-2 | 2337 | 2344 | 2187 | 2289 | 3.87 | cps |
| Molybdenum | 94-1 | 3824 | 3544 | 3264 | 3544 | 7.90 | cps |
| Molybdenum | 95-1 | 5308 | 4597 | 4287 | 4731 | 11.06 | cps |
| Molybdenum | 96-1 | 5951 | 5228 | 4811 | 5330 | 10.83 | cps |
| Molybdenum | 97-1 | 3170 | 2790 | 2517 | 2826 | 11.61 | cps |
| Molybdenum | 98-1 | 8506 | 7449 | 6662 | 7539 | 12.28 | cps |
| Neodymium | 150-1 | 17 | 10 | 7 | 11 | 45.82 | cps |
| Neodymium | 150-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Nickel | 60-2 | 353 | 427 | 387 | 389 | 9.44 | cps |
| Phosphorus | 31-2 | 117 | 143 | 110 | 123 | 14.30 | cps |
| Potassium | 39-2 | 52935 | 52898 | 52059 | 52631 | 0.94 | cps |
| Rhodium | 103-1 | 10454329 | 10381043 | 10456890 | 10430754 | 0.41 | cps |
| Rhodium | 103-2 | 6270074 | 6248441 | 6274513 | 6264343 | 0.22 | cps |
| Scandium | 45-1 | 5908471 | 5947836 | 5863360 | 5906555 | 0.72 | cps |
| Scandium | 45-2 | 481207 | 486825 | 484561 | 484198 | 0.58 | cps |
| Selenium | 82-1 | 130 | 143 | 80 | 118 | 28.58 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 407 | 410 | 383 | 400 | 3.63 | cps |
| Silicon | 28-1 | 533630 | 540391 | 534065 | 536028 | 0.71 | cps |
| Silver | 107-1 | 1833 | 1793 | 1387 | 1671 | 14.79 | cps |
| Silver | 109-1 | 1960 | 1473 | 1280 | 1571 | 22.30 | cps |
| Sodium | 23-2 | 47506 | 46640 | 44711 | 46286 | 3.09 | cps |
| Strontium | 86-1 | 637 | 533 | 623 | 598 | 9.40 | cps |
| Strontium | 88-1 | 2860 | 2674 | 2207 | 2580 | 13.04 | cps |
| Sulfur | 34-1 | 169336 | 171321 | 171456 | 170704 | 0.70 | cps |
| Terbium | 159-1 | 14661513 | 14530863 | 14358640 | 14517005 | 1.05 | cps |
| Terbium | 159-2 | 10075269 | 9915138 | 10018112 | 10002839 | 0.81 | cps |
| Thallium | 203-1 | 1940 | 1587 | 1487 | 1671 | 14.25 | cps |
| Thallium | 205-1 | 4277 | 3917 | 3530 | 3908 | 9.56 | cps |
| Tin | 118-1 | 2013 | 1953 | 1917 | 1961 | 2.49 | cps |
| Titanium | 47-1 | 1227 | 1003 | 1107 | 1112 | 10.05 | cps |

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134068 | Operator : | Jaswal |
| Lab Sample ID : | CCB051 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB051 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-23 23:29:38 | DataFile Name : | 195CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2604 | 2117 | 2067 | 2262 | 13.11 | cps |
| Vanadium | 51-2 | 220 | 247 | 180 | 216 | 15.57 | cps |
| Yttrium | 89-1 | 13034052 | 13045887 | 13097467 | 13059136 | 0.26 | cps |
| Yttrium | 89-2 | 3393946 | 3400662 | 3355865 | 3383491 | 0.71 | cps |
| Zinc | 66-2 | 833 | 797 | 790 | 807 | 2.89 | cps |
| Zirconium | 90-1 | 2430 | 2174 | 2154 | 2252 | 6.85 | cps |
| Zirconium | 91-1 | 510 | 453 | 447 | 470 | 7.40 | cps |

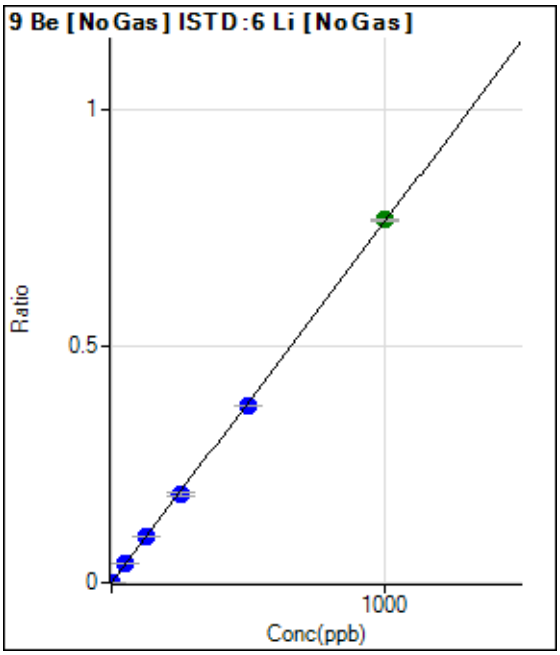
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

# Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122724 MS.b\
Analysis File: P7122724 MS.batch.bin
DA Date-Time: 2024-12-28 21:03:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 003CALB.d | S00 | 2024-12-27 14:36:11 |
| 2 | 005CALS.d | S01 | 2024-12-27 14:46:11 |
| 3 | 006CALS.d | S02 | 2024-12-27 14:49:33 |
| 4 | 007CALS.d | S03 | 2024-12-27 14:52:53 |
| 5 | 008CALS.d | S04 | 2024-12-27 14:55:56 |
| 6 | 009CALS.d | S05 | 2024-12-27 14:58:53 |
| 7 | 010CALS.d | S06 | 2024-12-27 15:01:40 |
| 8 | 011CALS.d | S07 | 2024-12-27 15:04:29 |
| 9 | 012CALS.d | S08 | 2024-12-27 15:07:16 |

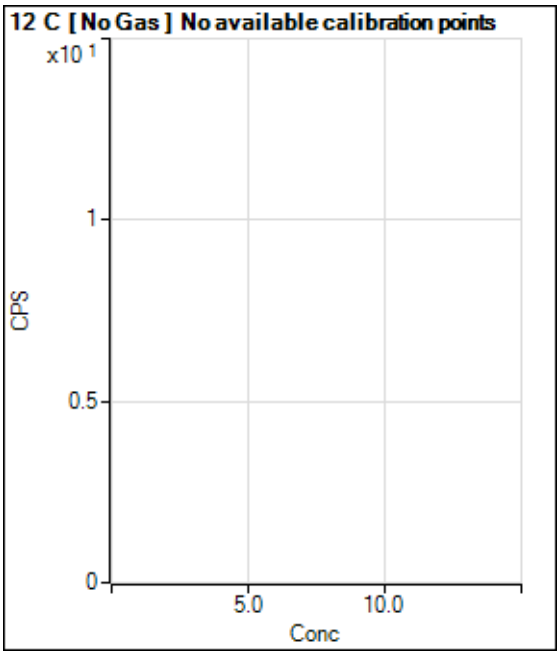
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 70.00 | 0.0000 | P | 9.7 |
| 2 | ☐ | 0.100 | 0.125 | 257.78 | 0.0001 | P | 10.2 |
| 3 | ☐ | 1.000 | 1.120 | 1787.90 | 0.0009 | P | 3.1 |
| 4 | ☐ | 50.000 | 53.826 | 83608.77 | 0.0411 | P | 0.9 |
| 5 | ☐ | 125.000 | 128.660 | 195932.82 | 0.0982 | P | 0.7 |
| 6 | ☐ | 250.000 | 246.394 | 377837.92 | 0.1881 | P | 4.0 |
| 7 | ☐ | 500.000 | 490.076 | 719959.30 | 0.3740 | P | 0.8 |
| 8 | ☐ | 1000.000 | 1005.215 | 1462889.36 | 0.7672 | A | 0.9 |
| 9 | ☐ | | | 517.79 | 0.0003 | P | 8.1 |

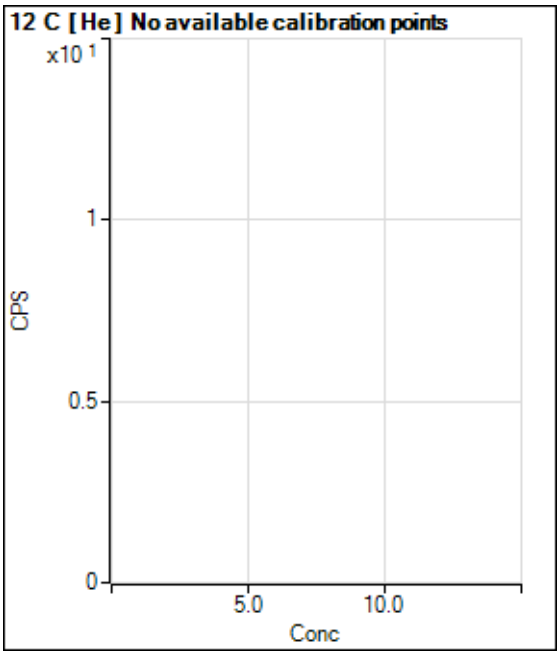
y = 7.6314E-004 * x + 3.5823E-005
R = 0.9999
DL = 0.01364
BEC = 0.04694

Weight: <None>
Min Conc: 0

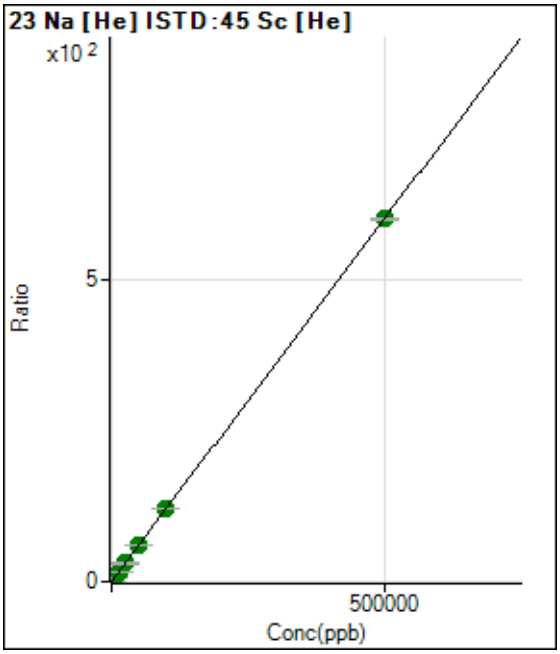



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

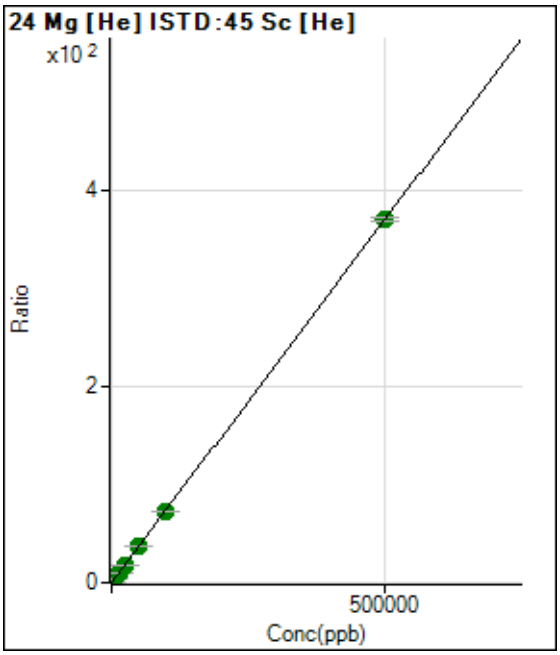



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19727.18 | 0.0306 | P | 1.0 |
| 2 | ☐ | 50.000 | 49.073 | 59310.36 | 0.0895 | P | 1.0 |
| 3 | ☐ | 500.000 | 494.691 | 413279.69 | 0.6249 | P | 1.4 |
| 4 | ☐ | 5000.000 | 5255.212 | 4004839.25 | 6.3448 | A | 0.6 |
| 5 | ☐ | 12500.000 | 12466.416 | 8881728.97 | 15.0092 | A | 0.2 |
| 6 | ☐ | 25000.000 | 25184.091 | 16884720.30 | 30.2897 | A | 0.6 |
| 7 | ☐ | 50000.000 | 50452.889 | 32275264.79 | 60.6506 | A | 0.3 |
| 8 | ☐ | 100000.00 | 100151.82 | 64095066.27 | 120.3647 | A | 0.8 |
| 9 | ☐ | 500000.00 | 499913.43 | 337010199.42 | 600.6850 | A | 0.8 |

y = 0.0012 * x + 0.0306
R = 1.0000
DL = 0.7448
BEC = 25.43

Weight: <None>
Min Conc: 0

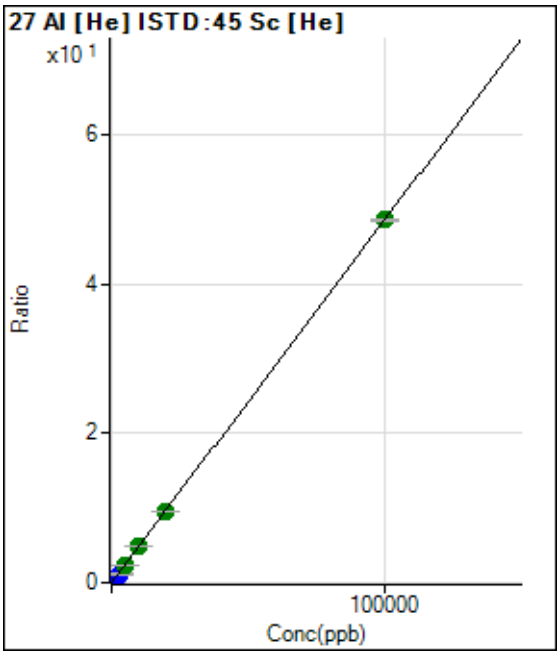
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 982.26 | 0.0015 | P | 8.0 |
| 2 | ☐ | 50.000 | 53.402 | 27107.25 | 0.0409 | P | 1.1 |
| 3 | ☐ | 500.000 | 533.822 | 261412.79 | 0.3953 | P | 1.5 |
| 4 | ☐ | 5000.000 | 5243.407 | 2442327.50 | 3.8693 | A | 0.3 |
| 5 | ☐ | 12500.000 | 12416.580 | 5420786.31 | 9.1606 | A | 0.1 |
| 6 | ☐ | 25000.000 | 25008.433 | 10284204.08 | 18.4489 | A | 0.5 |
| 7 | ☐ | 50000.000 | 50044.805 | 19645573.87 | 36.9169 | A | 0.5 |
| 8 | ☐ | 100000.00 | 98391.376 | 38649455.54 | 72.5796 | A | 0.7 |
| 9 | ☐ | 500000.00 | 500316.44 | 207055096.92 | 369.0582 | A | 0.9 |

y = 7.3765E-004 * x + 0.0015
R = 1.0000
DL = 0.4942
BEC = 2.063

Weight: <None>
Min Conc: 0

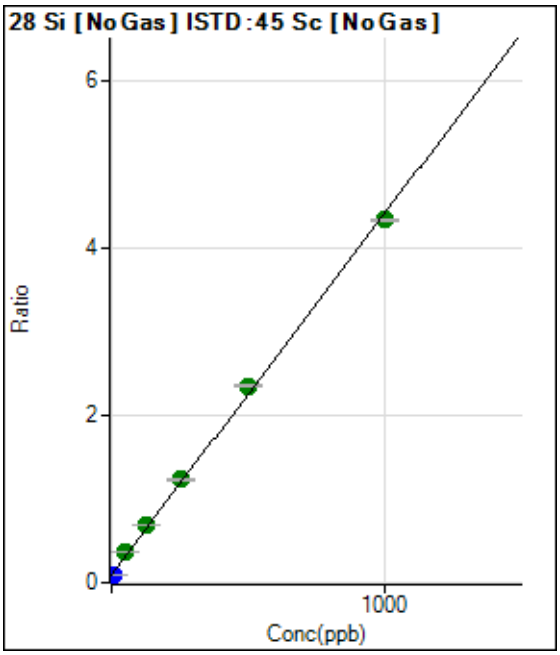



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 97.78 | 0.0002 | P | 8.5 |
| 2 | ☐ | 2.000 | 2.483 | 900.03 | 0.0014 | P | 3.0 |
| 3 | ☐ | 20.000 | 19.729 | 6441.40 | 0.0097 | P | 1.8 |
| 4 | ☐ | 1000.000 | 989.508 | 303664.81 | 0.4811 | P | 0.1 |
| 5 | ☐ | 2500.000 | 2379.562 | 684475.64 | 1.1567 | P | 0.9 |
| 6 | ☐ | 5000.000 | 4960.091 | 1344006.90 | 2.4109 | A | 1.5 |
| 7 | ☐ | 10000.000 | 10004.926 | 2587792.20 | 4.8628 | A | 0.9 |
| 8 | ☐ | 20000.000 | 19502.325 | 5047693.19 | 9.4788 | A | 0.5 |
| 9 | ☐ | 100000.00 | 100104.15 | 27296714.31 | 48.6534 | A | 0.6 |

y = 4.8603E-004 * x + 1.5151E-004
R = 1.0000
DL = 0.07993
BEC = 0.3117

Weight: <None>
Min Conc: 0

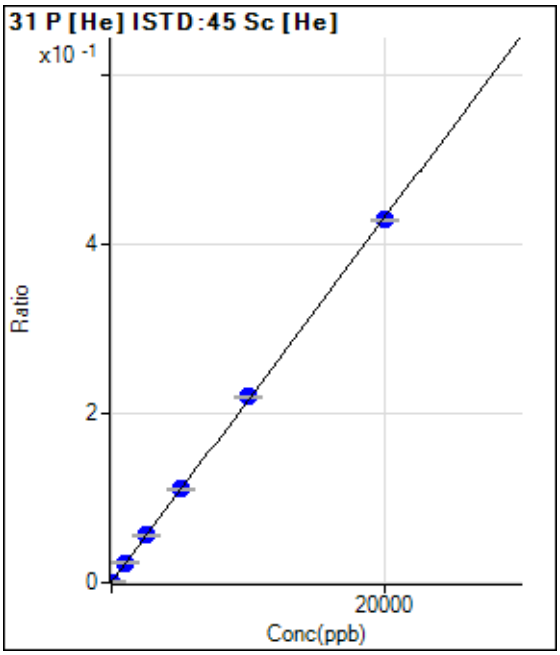
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 671428.24 | 0.0950 | P | 0.9 |
| 2 | ☐ | 1.000 | 0.703 | 701235.96 | 0.0981 | P | 4.5 |
| 3 | ☐ | 10.000 | 1.152 | 732185.64 | 0.1000 | P | 0.5 |
| 4 | ☐ | 50.000 | 63.192 | 2641180.28 | 0.3679 | A | 1.2 |
| 5 | ☐ | 125.000 | 139.417 | 4727784.90 | 0.6970 | A | 0.9 |
| 6 | ☐ | 250.000 | 264.503 | 8126871.61 | 1.2371 | A | 2.1 |
| 7 | ☐ | 500.000 | 522.720 | 14546371.59 | 2.3520 | A | 1.0 |
| 8 | ☐ | 1000.000 | 982.641 | 26341452.94 | 4.3378 | A | 0.4 |
| 9 | ☐ | | | 549482.46 | 0.0893 | P | 1.8 |

y = 0.0043 * x + 0.0950
R = 0.9993
DL = 0.6011
BEC = 22.01

Weight: <None>
Min Conc: 0

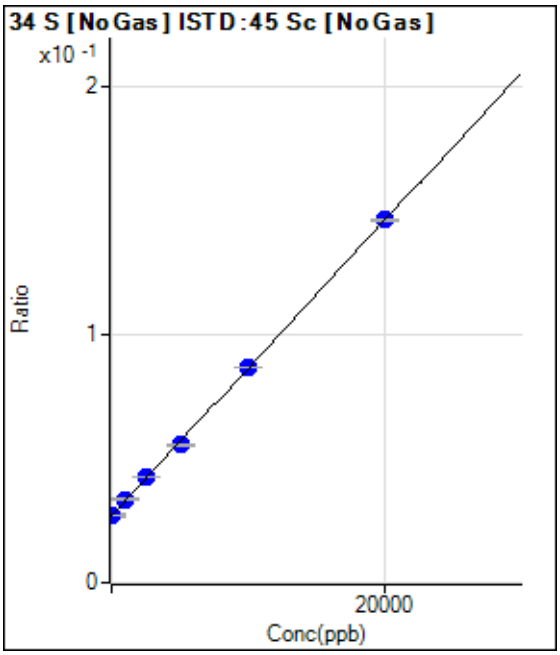



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -14.275 | 171.11 | 0.0003 | P | 13.1 |
| 2 | ☐ | 0.000 | -11.168 | 220.00 | 0.0003 | P | 6.6 |
| 3 | ☐ | 0.000 | 25.444 | 741.14 | 0.0011 | P | 8.3 |
| 4 | ☐ | 1000.000 | 1075.103 | 14986.32 | 0.0237 | P | 1.9 |
| 5 | ☐ | 2500.000 | 2568.896 | 33100.23 | 0.0559 | P | 2.0 |
| 6 | ☐ | 5000.000 | 5098.091 | 61564.18 | 0.1104 | P | 2.2 |
| 7 | ☐ | 10000.000 | 10159.202 | 116817.96 | 0.2195 | P | 0.8 |
| 8 | ☐ | 20000.000 | 19883.509 | 228495.47 | 0.4291 | P | 0.4 |
| 9 | ☐ | | | 294.45 | 0.0005 | P | 6.9 |

y = 2.1551E-005 * x + 5.7274E-004
R = 0.9999
DL = 6.938
BEC = 26.58

Weight: <None>
Min Conc: 0

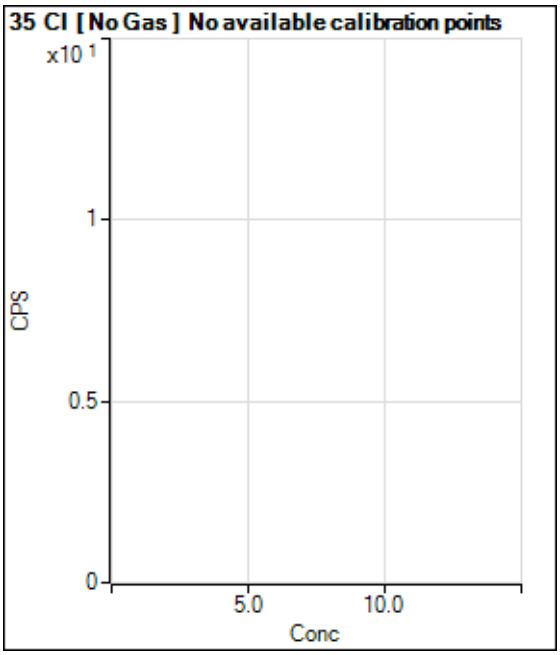
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On:12/30/2024 3:28:46 AM
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -17.338 | 190300.33 | 0.0269 | P | 0.6 |
| 2 | ☐ | 0.000 | -0.606 | 193323.98 | 0.0270 | P | 4.1 |
| 3 | ☐ | 0.000 | 17.944 | 198712.04 | 0.0271 | P | 1.8 |
| 4 | ☐ | 1000.000 | 1097.864 | 241094.77 | 0.0336 | P | 1.2 |
| 5 | ☐ | 2500.000 | 2591.925 | 288211.91 | 0.0425 | P | 0.1 |
| 6 | ☐ | 5000.000 | 4791.041 | 365280.48 | 0.0556 | P | 1.6 |
| 7 | ☐ | 10000.000 | 10012.065 | 536371.07 | 0.0867 | P | 0.1 |
| 8 | ☐ | 20000.000 | 20029.824 | 889326.48 | 0.1465 | P | 0.4 |
| 9 | ☐ | | | 156533.29 | 0.0254 | P | 3.7 |

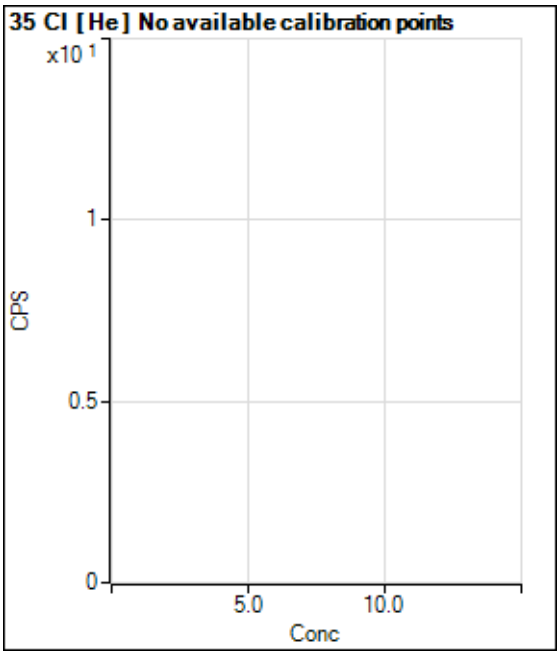
y = 5.9621E-006 * x + 0.0270
R = 0.9999
DL = 295.1
BEC = 4534

Weight: <None>
Min Conc: 0

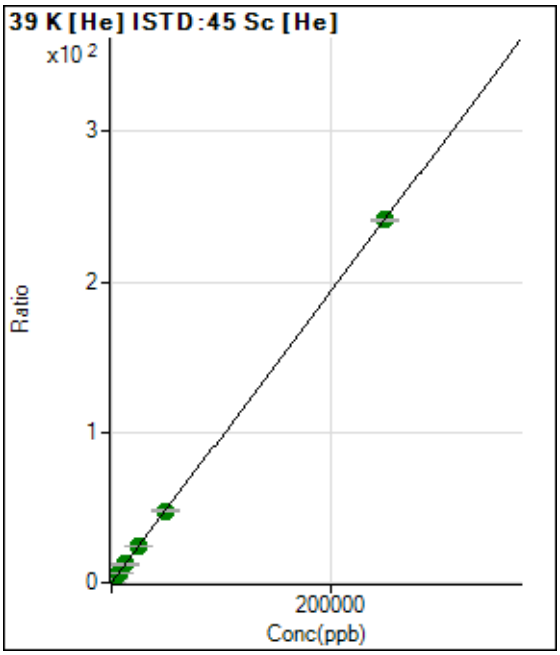



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

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Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

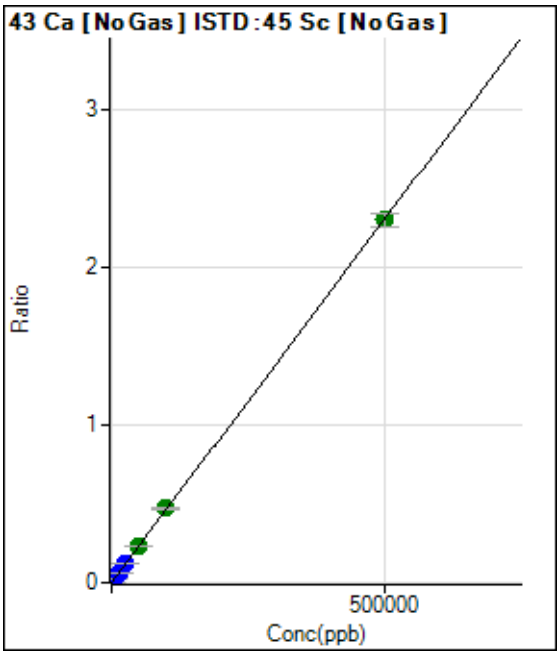



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 58032.30 | 0.0899 | P | 1.7 |
| 2 | ☐ | 50.000 | 54.164 | 94159.89 | 0.1421 | P | 0.6 |
| 3 | ☐ | 500.000 | 548.403 | 409097.28 | 0.6186 | P | 1.3 |
| 4 | ☐ | 2500.000 | 2645.931 | 1666855.34 | 2.6408 | A | 0.9 |
| 5 | ☐ | 6250.000 | 6269.920 | 3630180.01 | 6.1346 | A | 0.8 |
| 6 | ☐ | 12500.000 | 12534.651 | 6786804.41 | 12.1743 | A | 0.8 |
| 7 | ☐ | 25000.000 | 25162.824 | 12957340.36 | 24.3488 | A | 0.1 |
| 8 | ☐ | 50000.000 | 49462.550 | 25440310.73 | 47.7756 | A | 1.2 |
| 9 | ☐ | 250000.00 | 250087.42 | 135322059.09 | 241.1936 | A | 0.7 |

y = 9.6408E-004 * x + 0.0899
R = 1.0000
DL = 4.759
BEC = 93.25

Weight: <None>
Min Conc: 0

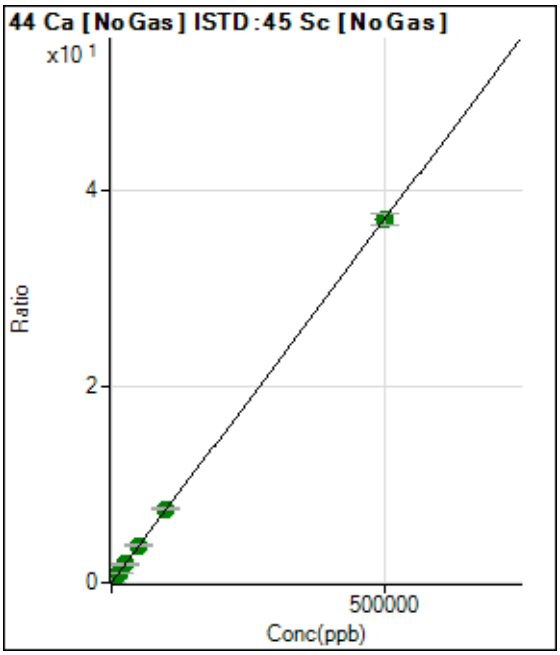
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 214.45 | 0.0000 | P | 12.5 |
| 2 | ☐ | 50.000 | 58.169 | 2130.17 | 0.0003 | P | 5.5 |
| 3 | ☐ | 500.000 | 544.360 | 18556.97 | 0.0025 | P | 0.8 |
| 4 | ☐ | 5000.000 | 5486.785 | 181413.44 | 0.0253 | P | 2.0 |
| 5 | ☐ | 12500.000 | 13191.767 | 411813.06 | 0.0607 | P | 0.9 |
| 6 | ☐ | 25000.000 | 25753.582 | 778443.93 | 0.1185 | P | 2.4 |
| 7 | ☐ | 50000.000 | 51301.240 | 1459687.17 | 0.2360 | A | 0.2 |
| 8 | ☐ | 100000.00 | 102320.73 | 2858378.33 | 0.4707 | A | 0.9 |
| 9 | ☐ | 500000.00 | 499345.84 | 14133703.95 | 2.2971 | A | 3.7 |

y = 4.6002E-006 * x + 3.0339E-005
R = 1.0000
DL = 2.472
BEC = 6.595

Weight: <None>
Min Conc: 0

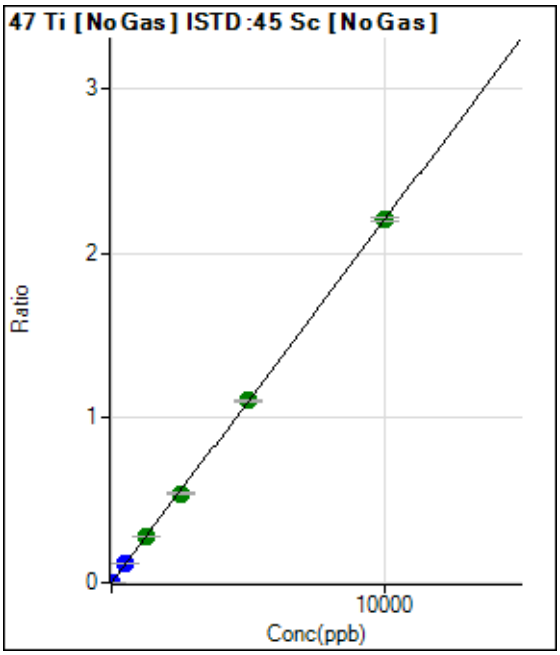



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 6617.06 | 0.0009 | P | 1.4 |
| 2 | ☐ | 50.000 | 58.593 | 37677.79 | 0.0053 | P | 4.6 |
| 3 | ☐ | 500.000 | 556.661 | 308207.99 | 0.0421 | P | 1.5 |
| 4 | ☐ | 5000.000 | 5316.397 | 2829020.90 | 0.3940 | A | 1.2 |
| 5 | ☐ | 12500.000 | 12869.277 | 6461367.13 | 0.9525 | A | 0.6 |
| 6 | ☐ | 25000.000 | 25212.125 | 12252134.12 | 1.8652 | A | 2.5 |
| 7 | ☐ | 50000.000 | 51499.462 | 23555786.04 | 3.8089 | A | 0.5 |
| 8 | ☐ | 100000.00 | 101755.99 | 45694166.54 | 7.5250 | A | 0.4 |
| 9 | ☐ | 500000.00 | 499475.79 | 227254821.06 | 36.9331 | A | 3.2 |

y = 7.3942E-005 * x + 9.3648E-004
R = 1.0000
DL = 0.5379
BEC = 12.67

Weight: <None>
Min Conc: 0

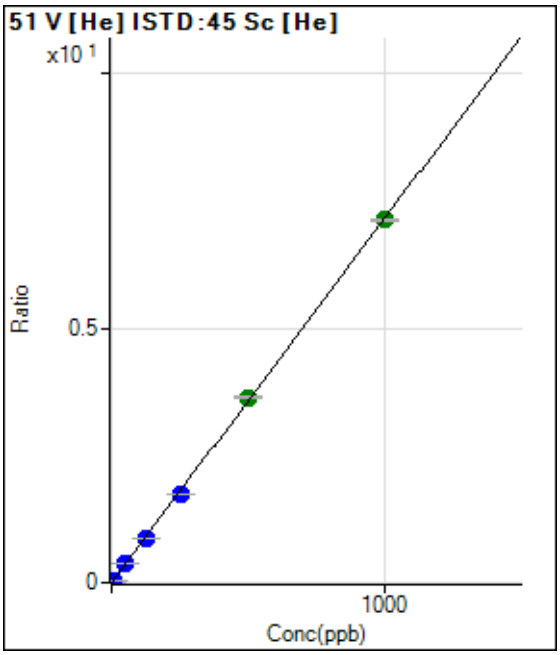
Reviewed By:Mohan
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Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 66.67 | 0.0000 | P | 5.9 |
| 2 | ☐ | 0.500 | 0.565 | 955.60 | 0.0001 | P | 7.2 |
| 3 | ☐ | 5.000 | 5.290 | 8593.61 | 0.0012 | P | 0.6 |
| 4 | ☐ | 500.000 | 511.871 | 808868.89 | 0.1127 | P | 1.3 |
| 5 | ☐ | 1250.000 | 1268.971 | 1894456.19 | 0.2793 | A | 1.1 |
| 6 | ☐ | 2500.000 | 2450.803 | 3542930.29 | 0.5394 | A | 3.1 |
| 7 | ☐ | 5000.000 | 5019.615 | 6832173.23 | 1.1047 | A | 0.7 |
| 8 | ☐ | 10000.000 | 9999.527 | 13363758.13 | 2.2007 | A | 1.0 |
| 9 | ☐ | | | 2585.81 | 0.0004 | P | 17.1 |

y = 2.2008E-004 * x + 9.4383E-006
R = 1.0000
DL = 0.007631
BEC = 0.04288

Weight: <None>
Min Conc: 0

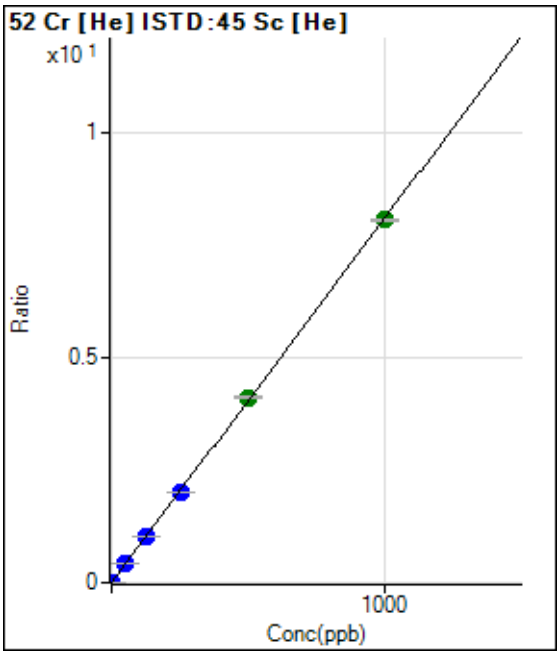



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 31.11 | 0.0000 | P | 21.9 |
| 2 | ☐ | 0.500 | 0.531 | 2546.90 | 0.0038 | P | 4.3 |
| 3 | ☐ | 5.000 | 5.438 | 25763.12 | 0.0390 | P | 0.6 |
| 4 | ☐ | 50.000 | 51.556 | 232869.24 | 0.3689 | P | 0.3 |
| 5 | ☐ | 125.000 | 123.471 | 522785.72 | 0.8834 | P | 0.6 |
| 6 | ☐ | 250.000 | 244.895 | 976760.47 | 1.7522 | P | 0.3 |
| 7 | ☐ | 500.000 | 509.558 | 1940071.29 | 3.6458 | A | 1.1 |
| 8 | ☐ | 1000.000 | 996.608 | 3797036.47 | 7.1305 | A | 0.8 |
| 9 | ☐ | | | 894.48 | 0.0016 | P | 10.4 |

y = 0.0072 * x + 4.8165E-005
R = 0.9999
DL = 0.004432
BEC = 0.006732

Weight: <None>
Min Conc: 0

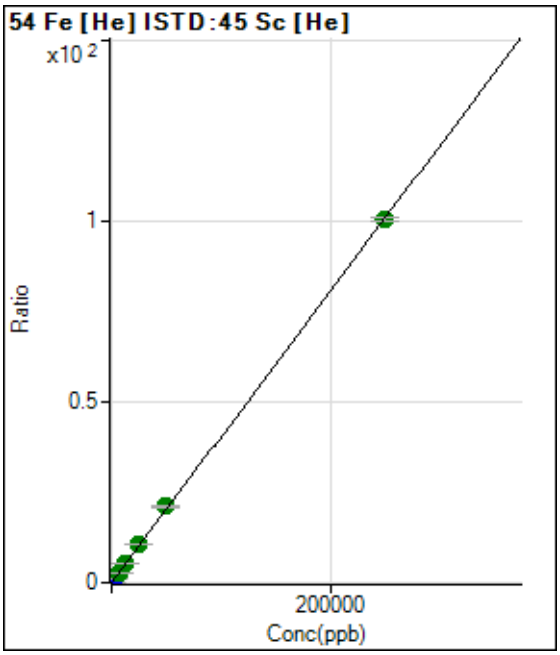
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2269.08 | 0.0035 | P | 3.6 |
| 2 | ☐ | 0.200 | 0.194 | 3370.41 | 0.0051 | P | 1.7 |
| 3 | ☐ | 2.000 | 2.130 | 13721.90 | 0.0208 | P | 2.7 |
| 4 | ☐ | 50.000 | 51.816 | 266903.43 | 0.4228 | P | 0.3 |
| 5 | ☐ | 125.000 | 124.182 | 596774.68 | 1.0085 | P | 0.7 |
| 6 | ☐ | 250.000 | 245.917 | 1111345.51 | 1.9936 | P | 0.4 |
| 7 | ☐ | 500.000 | 509.231 | 2194886.46 | 4.1246 | A | 0.3 |
| 8 | ☐ | 1000.000 | 996.417 | 4295889.31 | 8.0672 | A | 0.8 |
| 9 | ☐ | | | 7299.67 | 0.0130 | P | 3.3 |

y = 0.0081 * x + 0.0035
R = 0.9999
DL = 0.04646
BEC = 0.4343

Weight: <None>
Min Conc: 0

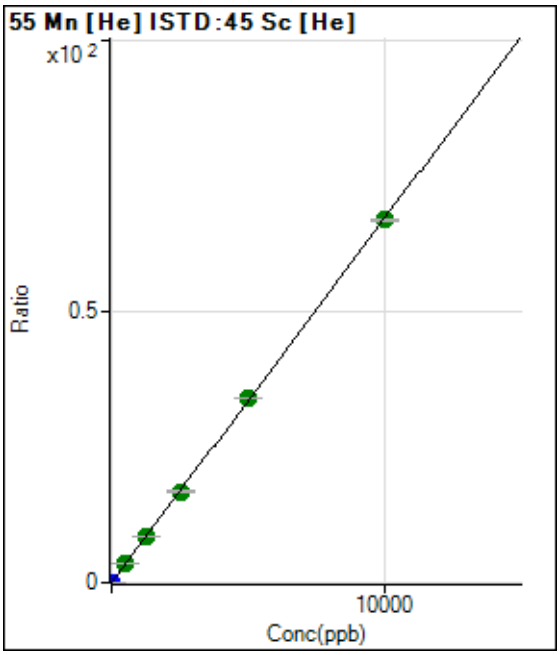



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2790.29 | 0.0043 | P | 2.6 |
| 2 | ☐ | 5.000 | 5.966 | 4457.37 | 0.0067 | P | 2.3 |
| 3 | ☐ | 50.000 | 58.591 | 18480.31 | 0.0279 | P | 1.2 |
| 4 | ☐ | 2500.000 | 2800.161 | 715313.99 | 1.1333 | P | 0.3 |
| 5 | ☐ | 6250.000 | 6665.574 | 1592795.39 | 2.6917 | A | 0.2 |
| 6 | ☐ | 12500.000 | 13271.330 | 2985170.86 | 5.3549 | A | 0.7 |
| 7 | ☐ | 25000.000 | 26631.449 | 5715949.98 | 10.7412 | A | 0.2 |
| 8 | ☐ | 50000.000 | 52305.301 | 11231767.89 | 21.0921 | A | 0.6 |
| 9 | ☐ | 250000.00 | 249323.83 | 56397190.83 | 100.5234 | A | 1.1 |

y = 4.0317E-004 * x + 0.0043
R = 0.9999
DL = 0.8355
BEC = 10.72

Weight: <None>
Min Conc: 0

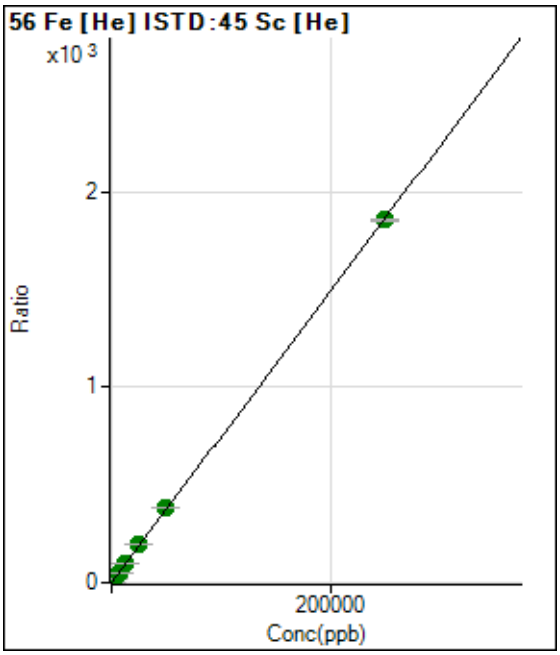
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 298.90 | 0.0005 | P | 4.2 |
| 2 | ☐ | 0.100 | 0.103 | 766.69 | 0.0012 | P | 6.9 |
| 3 | ☐ | 1.000 | 1.026 | 4860.84 | 0.0073 | P | 1.6 |
| 4 | ☐ | 500.000 | 524.580 | 2222992.42 | 3.5218 | A | 0.7 |
| 5 | ☐ | 1250.000 | 1250.241 | 4966512.49 | 8.3929 | A | 0.3 |
| 6 | ☐ | 2500.000 | 2499.680 | 9353947.84 | 16.7799 | A | 0.8 |
| 7 | ☐ | 5000.000 | 5075.549 | 18130753.06 | 34.0708 | A | 0.2 |
| 8 | ☐ | 10000.000 | 9961.046 | 35606662.52 | 66.8654 | A | 0.6 |
| 9 | ☐ | | | 17778.39 | 0.0317 | P | 2.1 |

y = 0.0067 * x + 4.6304E-004
R = 1.0000
DL = 0.008717
BEC = 0.06898

Weight: <None>
Min Conc: 0

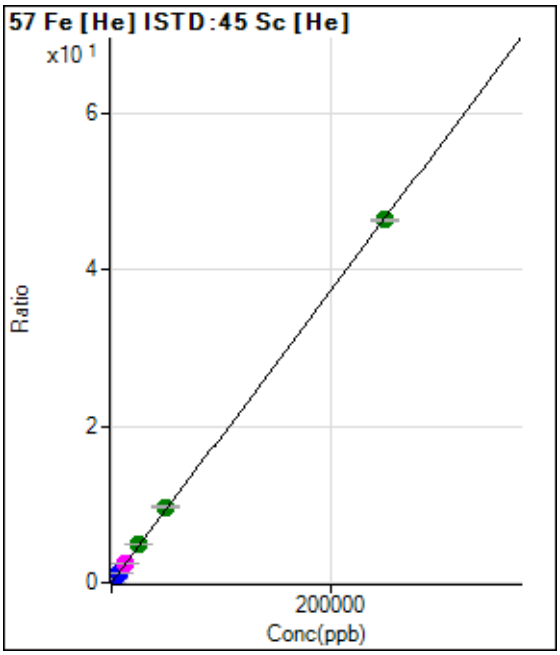



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 22232.51 | 0.0344 | P | 4.3 |
| 2 | ☐ | 5.000 | 5.397 | 49426.42 | 0.0746 | P | 1.0 |
| 3 | ☐ | 50.000 | 56.839 | 302444.68 | 0.4573 | P | 0.8 |
| 4 | ☐ | 2500.000 | 2738.558 | 12882686.06 | 20.4092 | A | 0.5 |
| 5 | ☐ | 6250.000 | 6539.674 | 28812218.46 | 48.6893 | A | 0.8 |
| 6 | ☐ | 12500.000 | 13053.310 | 54155524.75 | 97.1505 | A | 0.8 |
| 7 | ☐ | 25000.000 | 26397.411 | 104530290.66 | 196.4300 | A | 0.2 |
| 8 | ☐ | 50000.000 | 51639.044 | 204605159.17 | 384.2266 | A | 0.6 |
| 9 | ☐ | 250000.00 | 249495.15 | 1041461495.5 | 1,856.266 | A | 0.5 |

y = 0.0074 * x + 0.0344
R = 1.0000
DL = 0.5975
BEC = 4.63

Weight: <None>
Min Conc: 0

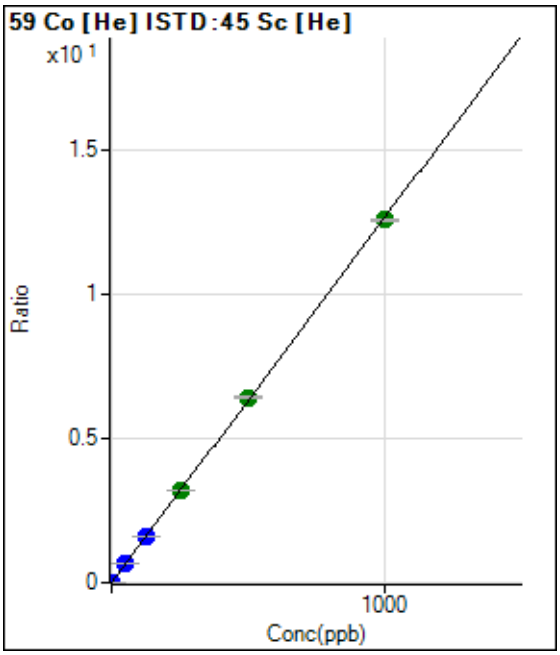
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1251.18 | 0.0019 | P | 9.0 |
| 2 | ☐ | 5.000 | 5.894 | 2011.27 | 0.0030 | P | 2.8 |
| 3 | ☐ | 50.000 | 59.629 | 8619.21 | 0.0130 | P | 1.9 |
| 4 | ☐ | 2500.000 | 2760.566 | 325415.88 | 0.5155 | P | 0.3 |
| 5 | ☐ | 6250.000 | 6630.302 | 731126.96 | 1.2355 | P | 0.7 |
| 6 | ☐ | 12500.000 | 13143.018 | 1364264.79 | 2.4472 | M | 1.0 |
| 7 | ☐ | 25000.000 | 26401.124 | 2614896.75 | 4.9139 | A | 1.4 |
| 8 | ☐ | 50000.000 | 52063.484 | 5159103.78 | 9.6885 | A | 1.0 |
| 9 | ☐ | 250000.00 | 249402.92 | 26034667.94 | 46.4039 | A | 0.7 |

y = 1.8605E-004 * x + 0.0019
R = 1.0000
DL = 2.818
BEC = 10.42

Weight: <None>
Min Conc: 0

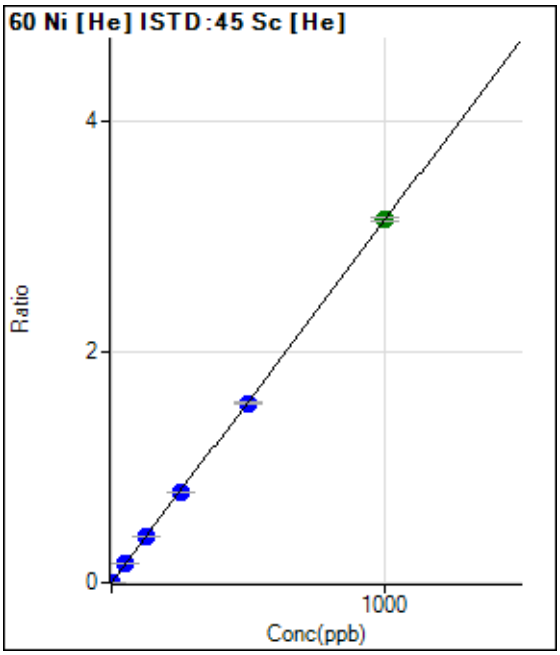



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 188.89 | 0.0003 | P | 5.9 |
| 2 | ☐ | 0.100 | 0.114 | 1148.94 | 0.0017 | P | 5.1 |
| 3 | ☐ | 1.000 | 1.109 | 9478.62 | 0.0143 | P | 1.6 |
| 4 | ☐ | 50.000 | 52.047 | 416179.81 | 0.6593 | P | 0.2 |
| 5 | ☐ | 125.000 | 124.928 | 936261.50 | 1.5822 | P | 0.5 |
| 6 | ☐ | 250.000 | 253.930 | 1792536.28 | 3.2157 | A | 0.6 |
| 7 | ☐ | 500.000 | 508.380 | 3425744.18 | 6.4376 | A | 0.4 |
| 8 | ☐ | 1000.000 | 994.734 | 6707673.93 | 12.5960 | A | 0.2 |
| 9 | ☐ | | | 18787.40 | 0.0335 | P | 1.1 |

y = 0.0127 * x + 2.9251E-004
R = 0.9999
DL = 0.004093
BEC = 0.0231

Weight: <None>
Min Conc: 0

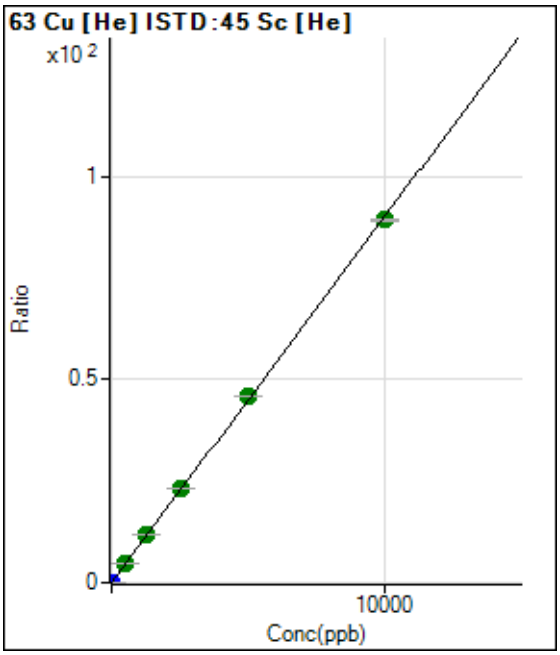
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 703.36 | 0.0011 | P | 3.5 |
| 2 | ☐ | 0.100 | 0.103 | 935.59 | 0.0014 | P | 7.0 |
| 3 | ☐ | 1.000 | 1.076 | 2958.09 | 0.0045 | P | 4.7 |
| 4 | ☐ | 50.000 | 53.742 | 107335.90 | 0.1700 | P | 0.3 |
| 5 | ☐ | 125.000 | 126.674 | 236310.45 | 0.3993 | P | 1.1 |
| 6 | ☐ | 250.000 | 250.143 | 438999.26 | 0.7875 | P | 0.2 |
| 7 | ☐ | 500.000 | 495.761 | 829990.76 | 1.5597 | P | 0.6 |
| 8 | ☐ | 1000.000 | 1001.688 | 1677536.08 | 3.1503 | A | 1.0 |
| 9 | ☐ | | | 8526.93 | 0.0152 | P | 2.9 |

y = 0.0031 * x + 0.0011
R = 1.0000
DL = 0.03677
BEC = 0.3465

Weight: <None>
Min Conc: 0

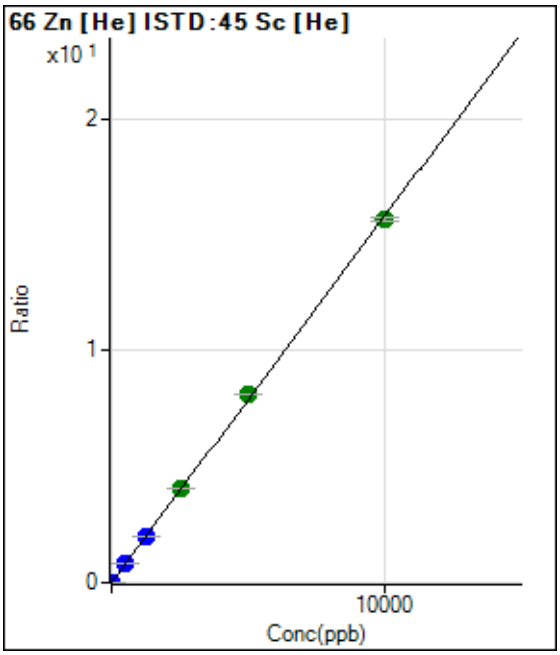



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1065.60 | 0.0017 | P | 4.9 |
| 2 | ☐ | 0.200 | 0.212 | 2357.99 | 0.0036 | P | 3.5 |
| 3 | ☐ | 2.000 | 2.057 | 13336.02 | 0.0202 | P | 2.1 |
| 4 | ☐ | 500.000 | 547.447 | 3112025.06 | 4.9300 | A | 0.9 |
| 5 | ☐ | 1250.000 | 1302.290 | 6938631.63 | 11.7254 | A | 1.1 |
| 6 | ☐ | 2500.000 | 2582.558 | 12961295.22 | 23.2510 | A | 0.2 |
| 7 | ☐ | 5000.000 | 5102.210 | 24443391.86 | 45.9340 | A | 0.9 |
| 8 | ☐ | 10000.000 | 9919.347 | 47553517.07 | 89.2999 | A | 0.5 |
| 9 | ☐ | | | 13069.13 | 0.0233 | P | 3.2 |

y = 0.0090 * x + 0.0017
R = 0.9999
DL = 0.0271
BEC = 0.1833

Weight: <None>
Min Conc: 0

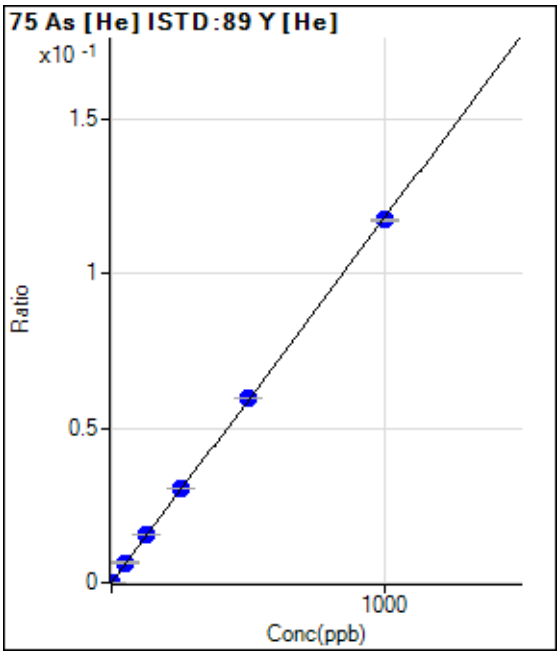
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 140.00 | 0.0002 | P | 13.2 |
| 2 | ☐ | 0.500 | 0.574 | 743.36 | 0.0011 | P | 7.8 |
| 3 | ☐ | 5.000 | 5.336 | 5710.04 | 0.0086 | P | 2.7 |
| 4 | ☐ | 500.000 | 528.518 | 526441.51 | 0.8340 | P | 0.4 |
| 5 | ☐ | 1250.000 | 1272.121 | 1187758.65 | 2.0072 | P | 0.7 |
| 6 | ☐ | 2500.000 | 2576.441 | 2266001.88 | 4.0649 | A | 0.8 |
| 7 | ☐ | 5000.000 | 5144.881 | 4319431.15 | 8.1170 | A | 0.5 |
| 8 | ☐ | 10000.000 | 9904.258 | 8320622.79 | 15.6257 | A | 1.2 |
| 9 | ☐ | | | 12421.90 | 0.0221 | P | 1.5 |

y = 0.0016 * x + 2.1697E-004
R = 0.9998
DL = 0.05436
BEC = 0.1375

Weight: <None>
Min Conc: 0

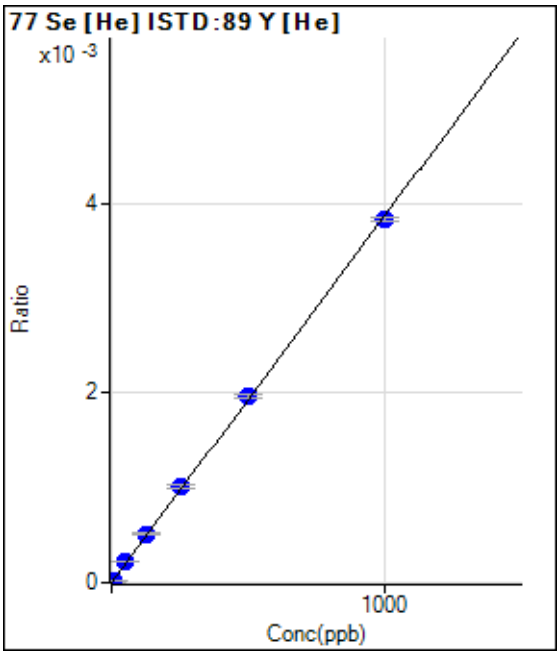



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 17.78 | 0.0000 | P | 38.2 |
| 2 | ☐ | 0.100 | 0.119 | 97.78 | 0.0000 | P | 17.7 |
| 3 | ☐ | 1.000 | 1.289 | 877.81 | 0.0002 | P | 9.8 |
| 4 | ☐ | 50.000 | 55.071 | 35509.08 | 0.0065 | P | 1.0 |
| 5 | ☐ | 125.000 | 130.570 | 80120.02 | 0.0154 | P | 0.7 |
| 6 | ☐ | 250.000 | 256.140 | 150999.93 | 0.0302 | P | 0.2 |
| 7 | ☐ | 500.000 | 505.745 | 288301.89 | 0.0596 | P | 0.4 |
| 8 | ☐ | 1000.000 | 994.642 | 567378.76 | 0.1172 | P | 0.8 |
| 9 | ☐ | | | 417.79 | 0.0001 | P | 14.5 |

y = 1.1787E-004 * x + 3.1965E-006
R = 0.9999
DL = 0.03112
BEC = 0.02712

Weight: <None>
Min Conc: 0

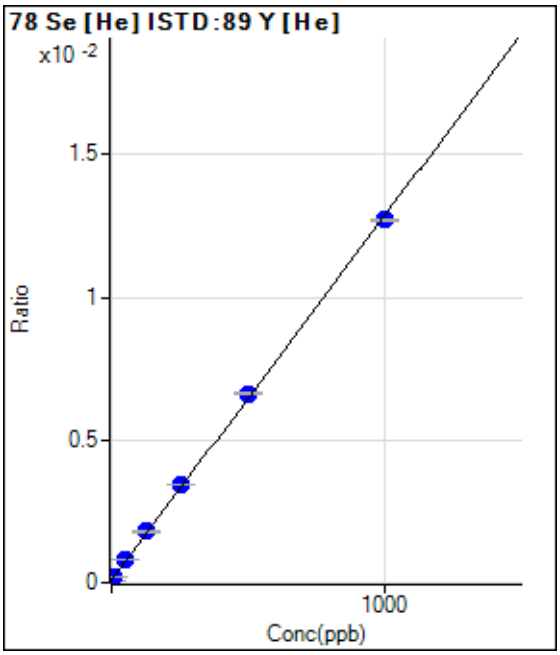
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | |
| 2 | ☐ | 0.500 | 0.556 | 12.22 | 0.0000 | P | 63.1 |
| 3 | ☐ | 5.000 | 5.374 | 117.78 | 0.0000 | P | 20.2 |
| 4 | ☐ | 50.000 | 56.966 | 1204.51 | 0.0002 | P | 2.8 |
| 5 | ☐ | 125.000 | 132.175 | 2660.26 | 0.0005 | P | 2.8 |
| 6 | ☐ | 250.000 | 264.403 | 5113.15 | 0.0010 | P | 3.9 |
| 7 | ☐ | 500.000 | 510.585 | 9547.60 | 0.0020 | P | 1.9 |
| 8 | ☐ | 1000.000 | 989.859 | 18522.76 | 0.0038 | P | 1.2 |
| 9 | ☐ | | | 11.11 | 0.0000 | P | 18.4 |

y = 3.8668E-006 * x + 0.0000E+000
R = 0.9998
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

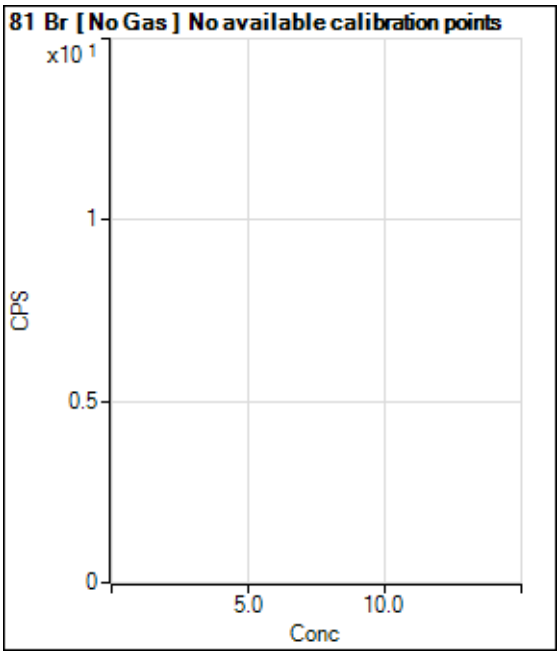



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 480.01 | 0.0001 | P | 6.0 |
| 2 | ☐ | 0.500 | 0.558 | 533.35 | 0.0001 | P | 9.2 |
| 3 | ☐ | 5.000 | 6.664 | 971.15 | 0.0002 | P | 3.4 |
| 4 | ☐ | 50.000 | 56.067 | 4386.25 | 0.0008 | P | 3.5 |
| 5 | ☐ | 125.000 | 133.522 | 9321.91 | 0.0018 | P | 2.7 |
| 6 | ☐ | 250.000 | 262.317 | 17178.96 | 0.0034 | P | 1.3 |
| 7 | ☐ | 500.000 | 512.337 | 32046.94 | 0.0066 | P | 1.3 |
| 8 | ☐ | 1000.000 | 989.375 | 61539.44 | 0.0127 | P | 0.3 |
| 9 | ☐ | | | 396.68 | 0.0001 | P | 6.2 |

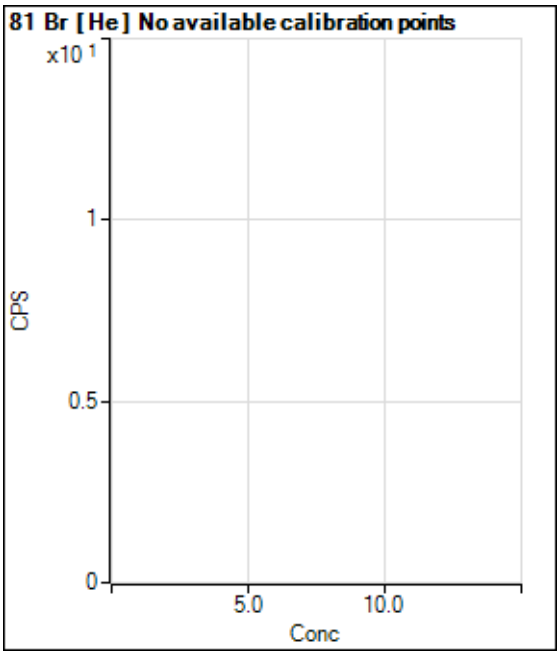
y = 1.2766E-005 * x + 8.6545E-005
R = 0.9998
DL = 1.227
BEC = 6.78

Weight: <None>
Min Conc: 0

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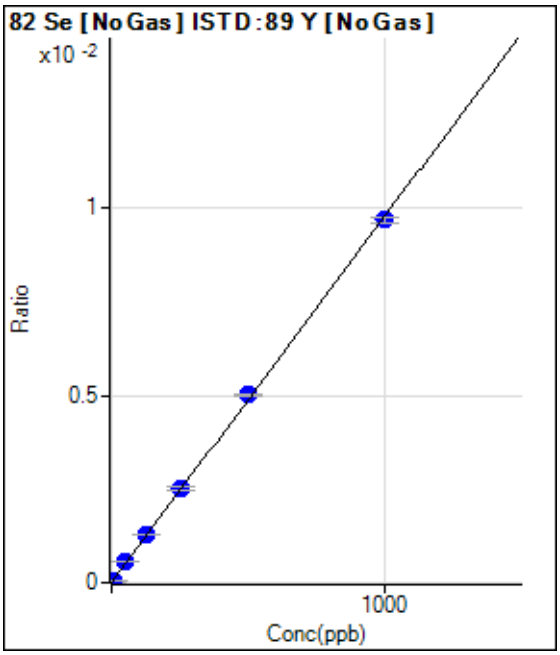



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 15062.23 | | P | 1.6 |
| 2 | ☐ | | | 15345.84 | | P | 1.6 |
| 3 | ☐ | | | 15670.65 | | P | 1.7 |
| 4 | ☐ | | | 15181.25 | | P | 0.5 |
| 5 | ☐ | | | 13928.90 | | P | 1.5 |
| 6 | ☐ | | | 12653.29 | | P | 2.7 |
| 7 | ☐ | | | 12188.50 | | P | 2.8 |
| 8 | ☐ | | | 12041.66 | | P | 3.3 |
| 9 | ☐ | | | 12793.40 | | P | 2.1 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 215.56 | | P | 9.4 |
| 2 | ☐ | | | 172.22 | | P | 15.5 |
| 3 | ☐ | | | 181.11 | | P | 6.5 |
| 4 | ☐ | | | 115.56 | | P | 6.7 |
| 5 | ☐ | | | 146.67 | | P | 12.7 |
| 6 | ☐ | | | 113.34 | | P | 11.8 |
| 7 | ☐ | | | 105.56 | | P | 6.6 |
| 8 | ☐ | | | 117.78 | | P | 18.4 |
| 9 | ☐ | | | 150.00 | | P | 6.7 |

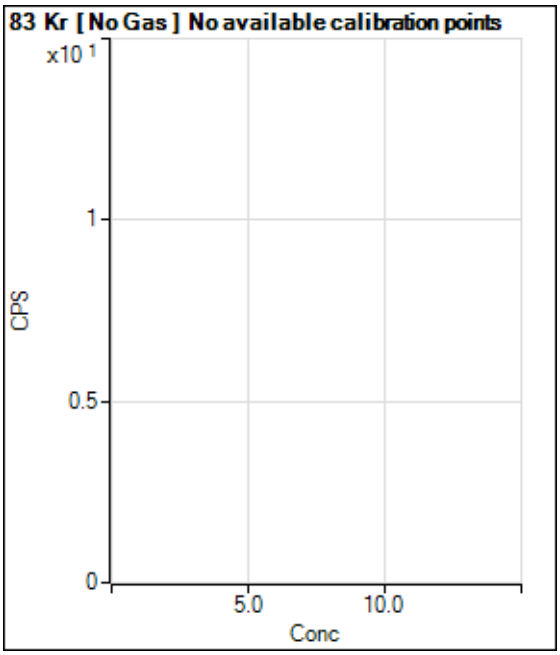
Reviewed By:Mohan
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Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 128.11 | 0.0000 | P | 34.4 |
| 2 | ☐ | 0.500 | 0.495 | 225.03 | 0.0000 | P | 16.6 |
| 3 | ☐ | 5.000 | 5.531 | 1206.07 | 0.0001 | P | 2.4 |
| 4 | ☐ | 50.000 | 55.587 | 10741.72 | 0.0005 | P | 1.6 |
| 5 | ☐ | 125.000 | 130.733 | 24327.75 | 0.0013 | P | 1.0 |
| 6 | ☐ | 250.000 | 256.833 | 46607.64 | 0.0025 | P | 2.3 |
| 7 | ☐ | 500.000 | 512.033 | 88660.58 | 0.0050 | P | 0.6 |
| 8 | ☐ | 1000.000 | 991.276 | 170051.01 | 0.0097 | P | 1.4 |
| 9 | ☐ | | | 330.86 | 0.0000 | P | 11.7 |

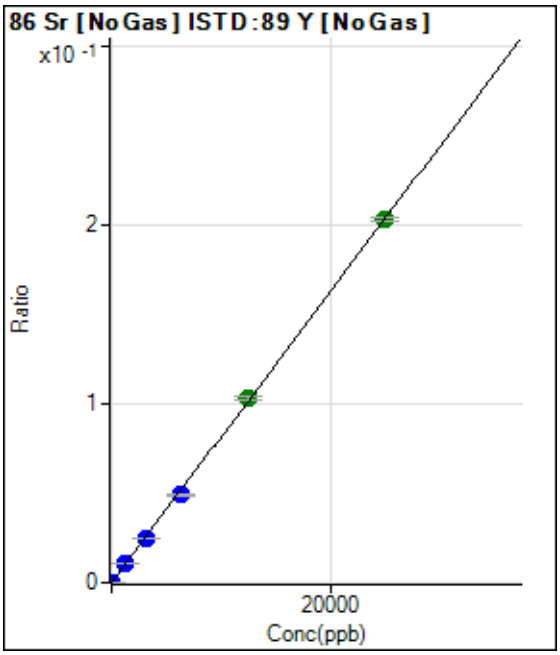
y = 9.7592E-006 * x + 6.6943E-006
R = 0.9999
DL = 0.707
BEC = 0.6859

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 223.34 | | P | 10.8 |
| 2 | ☐ | | | 222.23 | | P | 18.9 |
| 3 | ☐ | | | 204.45 | | P | 7.5 |
| 4 | ☐ | | | 206.67 | | P | 4.8 |
| 5 | ☐ | | | 201.12 | | P | 7.8 |
| 6 | ☐ | | | 193.34 | | P | 18.6 |
| 7 | ☐ | | | 208.89 | | P | 6.0 |
| 8 | ☐ | | | 201.11 | | P | 4.2 |
| 9 | ☐ | | | 187.78 | | P | 12.1 |

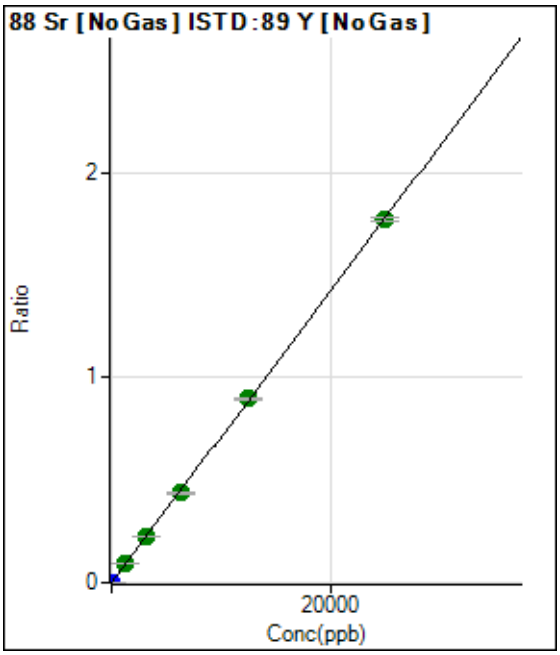
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 338.90 | 0.0000 | P | 4.0 |
| 2 | ☐ | 0.100 | 2.759 | 781.14 | 0.0000 | P | 7.2 |
| 3 | ☐ | 1.000 | 26.769 | 4671.90 | 0.0002 | P | 3.3 |
| 4 | ☐ | 1250.000 | 1281.439 | 203841.85 | 0.0104 | P | 0.5 |
| 5 | ☐ | 3125.000 | 3079.156 | 474498.56 | 0.0250 | P | 1.3 |
| 6 | ☐ | 6250.000 | 6033.531 | 908725.79 | 0.0490 | P | 2.5 |
| 7 | ☐ | 12500.000 | 12682.843 | 1824843.76 | 0.1030 | A | 1.7 |
| 8 | ☐ | 25000.000 | 24966.853 | 3560924.22 | 0.2027 | A | 1.0 |
| 9 | ☐ | | | 10625.02 | 0.0006 | P | 3.2 |

y = 8.1187E-006 * x + 1.7704E-005
R = 0.9999
DL = 0.2636
BEC = 2.181

Weight: <None>
Min Conc: 0

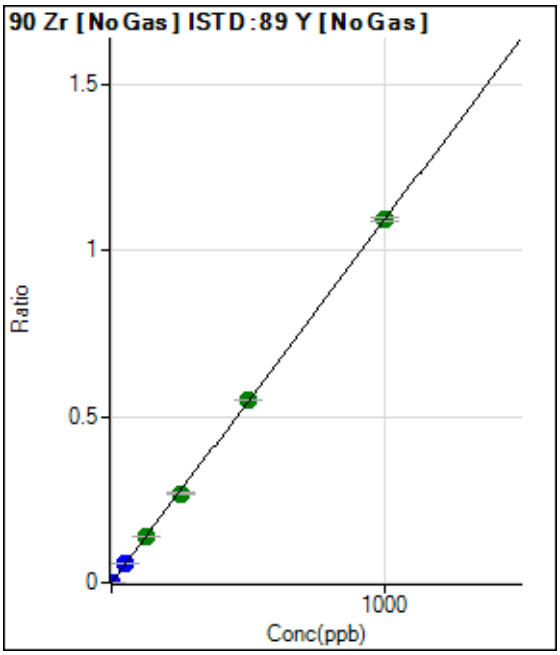



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 172.23 | 0.0000 | P | 6.0 |
| 2 | ☐ | 0.100 | 2.700 | 3909.44 | 0.0002 | P | 4.1 |
| 3 | ☐ | 1.000 | 26.423 | 37441.99 | 0.0019 | P | 0.8 |
| 4 | ☐ | 1250.000 | 1324.294 | 1837975.23 | 0.0940 | A | 0.6 |
| 5 | ☐ | 3125.000 | 3162.338 | 4255951.60 | 0.2244 | A | 0.1 |
| 6 | ☐ | 6250.000 | 6206.273 | 8166355.02 | 0.4403 | A | 2.1 |
| 7 | ☐ | 12500.000 | 12625.745 | 15872532.68 | 0.8958 | A | 0.3 |
| 8 | ☐ | 25000.000 | 24939.676 | 31082017.87 | 1.7694 | A | 1.2 |
| 9 | ☐ | | | 90339.52 | 0.0052 | P | 0.6 |

y = 7.0949E-005 * x + 8.9976E-006
R = 1.0000
DL = 0.02283
BEC = 0.1268

Weight: <None>
Min Conc: 0

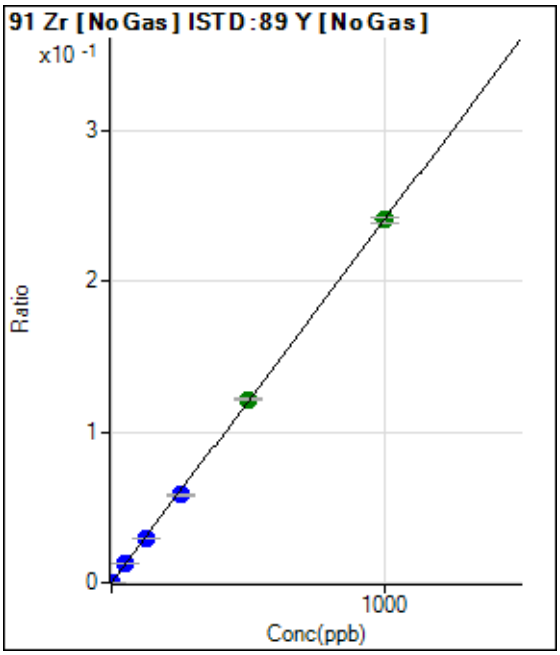
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 760.03 | 0.0000 | P | 2.5 |
| 2 | ☐ | 0.100 | 0.099 | 2881.42 | 0.0001 | P | 4.5 |
| 3 | ☐ | 1.000 | 1.006 | 22633.09 | 0.0011 | P | 1.4 |
| 4 | ☐ | 50.000 | 50.913 | 1088818.01 | 0.0557 | P | 0.4 |
| 5 | ☐ | 125.000 | 126.609 | 2624576.38 | 0.1384 | A | 0.5 |
| 6 | ☐ | 250.000 | 245.835 | 4982031.39 | 0.2686 | A | 2.0 |
| 7 | ☐ | 500.000 | 501.586 | 9710805.20 | 0.5480 | A | 0.3 |
| 8 | ☐ | 1000.000 | 1000.001 | 19192261.24 | 1.0926 | A | 1.2 |
| 9 | ☐ | | | 13167.14 | 0.0008 | P | 4.6 |

y = 0.0011 * x + 3.9703E-005
R = 1.0000
DL = 0.002694
BEC = 0.03634

Weight: <None>
Min Conc: 0

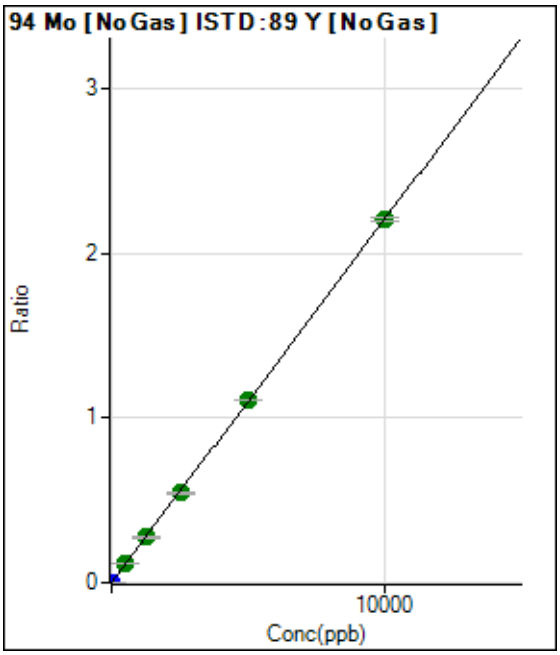



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 126.67 | 0.0000 | P | 24.9 |
| 2 | ☐ | 0.100 | 0.096 | 581.13 | 0.0000 | P | 2.0 |
| 3 | ☐ | 1.000 | 1.022 | 5018.68 | 0.0003 | P | 5.4 |
| 4 | ☐ | 50.000 | 51.268 | 241492.26 | 0.0123 | P | 0.7 |
| 5 | ☐ | 125.000 | 122.685 | 560223.44 | 0.0295 | P | 0.7 |
| 6 | ☐ | 250.000 | 242.099 | 1080634.37 | 0.0583 | P | 3.1 |
| 7 | ☐ | 500.000 | 504.722 | 2152566.90 | 0.1215 | A | 1.5 |
| 8 | ☐ | 1000.000 | 999.840 | 4227267.54 | 0.2407 | A | 1.7 |
| 9 | ☐ | | | 2791.40 | 0.0002 | P | 5.2 |

y = 2.4069E-004 * x + 6.6150E-006
R = 0.9999
DL = 0.02055
BEC = 0.02748

Weight: <None>
Min Conc: 0

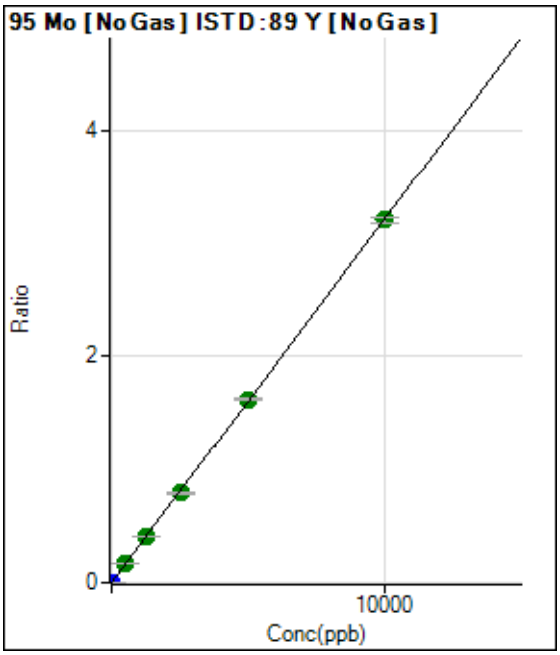
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 390.01 | 0.0000 | P | 15.3 |
| 2 | ☐ | 0.500 | 0.609 | 3015.89 | 0.0002 | P | 6.1 |
| 3 | ☐ | 5.000 | 6.149 | 27363.36 | 0.0014 | P | 3.7 |
| 4 | ☐ | 500.000 | 523.991 | 2261657.52 | 0.1156 | A | 0.9 |
| 5 | ☐ | 1250.000 | 1254.806 | 5251022.63 | 0.2769 | A | 2.3 |
| 6 | ☐ | 2500.000 | 2473.846 | 10123121.65 | 0.5458 | A | 1.3 |
| 7 | ☐ | 5000.000 | 5027.129 | 19651728.74 | 1.1091 | A | 0.3 |
| 8 | ☐ | 10000.000 | 9991.173 | 38720346.92 | 2.2042 | A | 0.9 |
| 9 | ☐ | | | 12097.38 | 0.0007 | P | 11.9 |

y = 2.2062E-004 * x + 2.0369E-005
R = 1.0000
DL = 0.04246
BEC = 0.09233

Weight: <None>
Min Conc: 0

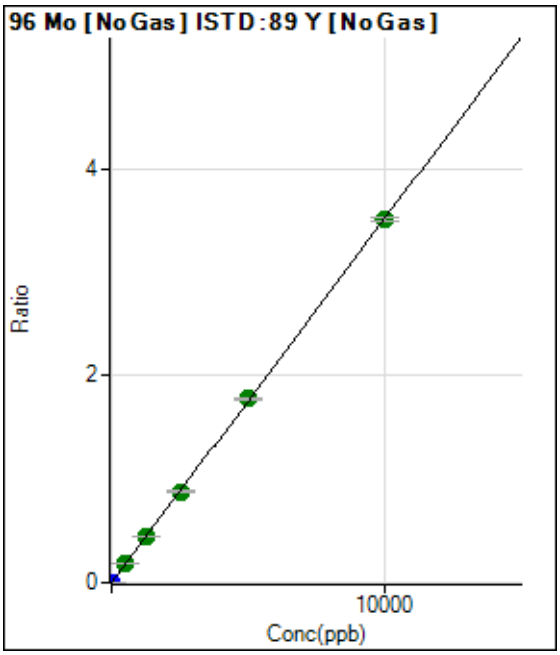



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 318.90 | 0.0000 | P | 1.3 |
| 2 | ☐ | 0.500 | 0.525 | 3606.03 | 0.0002 | P | 4.5 |
| 3 | ☐ | 5.000 | 5.226 | 33675.34 | 0.0017 | P | 0.7 |
| 4 | ☐ | 500.000 | 524.469 | 3293095.16 | 0.1684 | A | 0.9 |
| 5 | ☐ | 1250.000 | 1258.452 | 7661587.39 | 0.4039 | A | 2.2 |
| 6 | ☐ | 2500.000 | 2472.500 | 14716919.36 | 0.7936 | A | 2.7 |
| 7 | ☐ | 5000.000 | 5036.321 | 28642513.46 | 1.6165 | A | 0.8 |
| 8 | ☐ | 10000.000 | 9986.434 | 56303797.49 | 3.2053 | A | 1.5 |
| 9 | ☐ | | | 12276.48 | 0.0007 | P | 18.0 |

y = 3.2097E-004 * x + 1.6659E-005
R = 1.0000
DL = 0.002052
BEC = 0.0519

Weight: <None>
Min Conc: 0

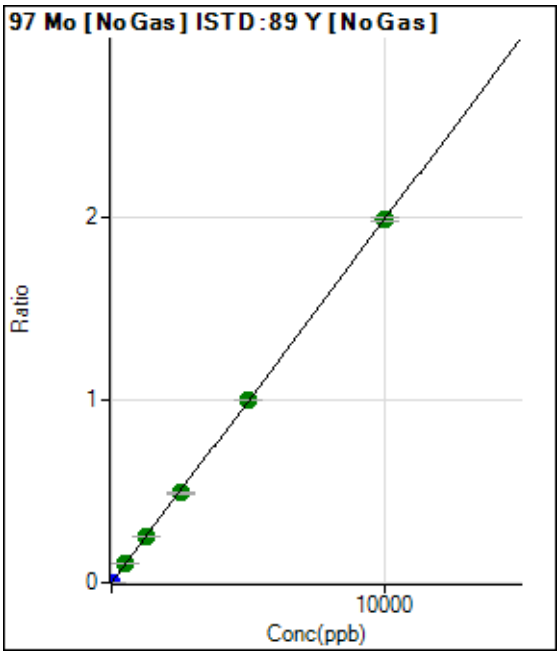
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 337.79 | 0.0000 | P | 6.3 |
| 2 | ☐ | 0.500 | 0.543 | 4060.61 | 0.0002 | P | 3.0 |
| 3 | ☐ | 5.000 | 5.298 | 37348.67 | 0.0019 | P | 0.5 |
| 4 | ☐ | 500.000 | 523.928 | 3600655.95 | 0.1841 | A | 0.1 |
| 5 | ☐ | 1250.000 | 1262.685 | 8414235.43 | 0.4436 | A | 1.2 |
| 6 | ☐ | 2500.000 | 2491.000 | 16229252.26 | 0.8751 | A | 2.5 |
| 7 | ☐ | 5000.000 | 5052.181 | 31448899.53 | 1.7749 | A | 0.8 |
| 8 | ☐ | 10000.000 | 9973.377 | 61547509.08 | 3.5038 | A | 1.1 |
| 9 | ☐ | | | 22724.62 | 0.0013 | P | 10.3 |

y = 3.5131E-004 * x + 1.7649E-005
R = 1.0000
DL = 0.009566
BEC = 0.05024

Weight: <None>
Min Conc: 0

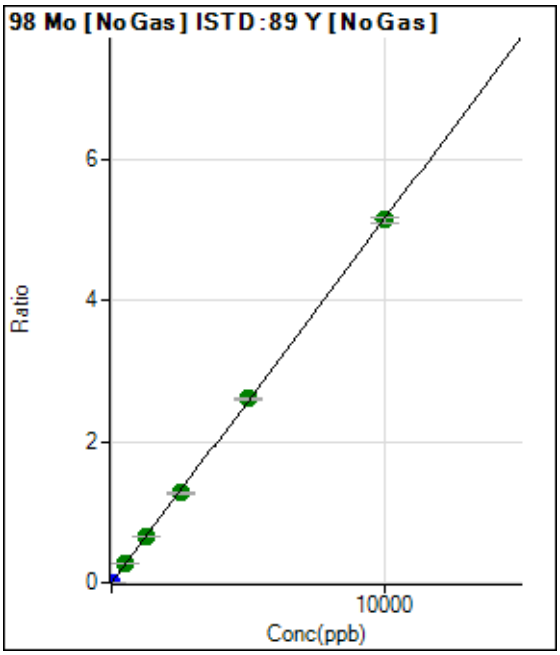



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 170.00 | 0.0000 | P | 9.4 |
| 2 | ☐ | 0.500 | 0.537 | 2255.76 | 0.0001 | P | 8.4 |
| 3 | ☐ | 5.000 | 5.284 | 21093.05 | 0.0011 | P | 0.5 |
| 4 | ☐ | 500.000 | 529.357 | 2061978.77 | 0.1054 | A | 1.0 |
| 5 | ☐ | 1250.000 | 1263.312 | 4771668.61 | 0.2516 | A | 1.5 |
| 6 | ☐ | 2500.000 | 2480.353 | 9159854.38 | 0.4939 | A | 2.3 |
| 7 | ☐ | 5000.000 | 5025.822 | 17733017.93 | 1.0008 | A | 0.8 |
| 8 | ☐ | 10000.000 | 9988.869 | 34940929.48 | 1.9891 | A | 1.0 |
| 9 | ☐ | | | 7727.74 | 0.0004 | P | 19.5 |

y = 1.9913E-004 * x + 8.8790E-006
R = 1.0000
DL = 0.01258
BEC = 0.04459

Weight: <None>
Min Conc: 0

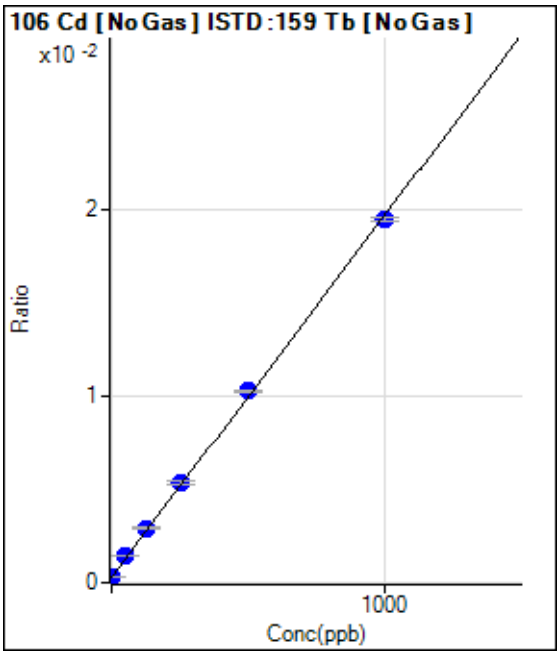
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 437.79 | 0.0000 | P | 7.2 |
| 2 | ☐ | 0.500 | 0.514 | 5601.12 | 0.0003 | P | 7.2 |
| 3 | ☐ | 5.000 | 5.182 | 53485.15 | 0.0027 | P | 1.5 |
| 4 | ☐ | 500.000 | 522.089 | 5258753.95 | 0.2689 | A | 0.3 |
| 5 | ☐ | 1250.000 | 1260.302 | 12309158.98 | 0.6490 | A | 1.3 |
| 6 | ☐ | 2500.000 | 2468.158 | 23570447.42 | 1.2709 | A | 1.9 |
| 7 | ☐ | 5000.000 | 5059.826 | 46163832.64 | 2.6054 | A | 0.5 |
| 8 | ☐ | 10000.000 | 9975.655 | 90228163.10 | 5.1366 | A | 1.4 |
| 9 | ☐ | | | 18877.12 | 0.0011 | P | 19.8 |

y = 5.1491E-004 * x + 2.2875E-005
R = 1.0000
DL = 0.009657
BEC = 0.04443

Weight: <None>
Min Conc: 0

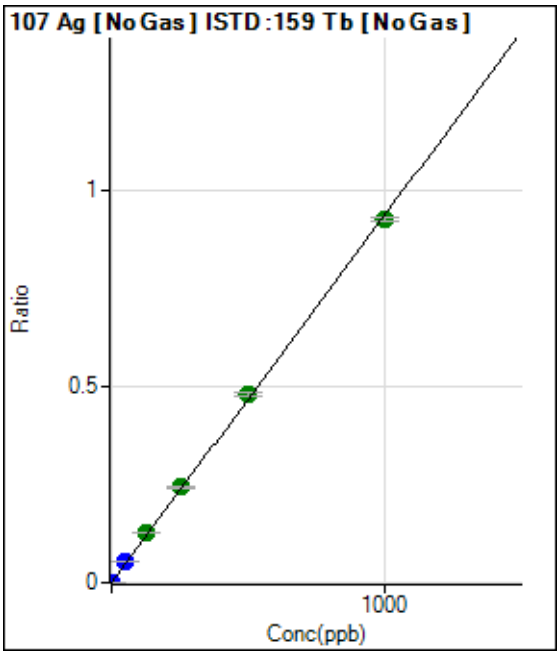



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4468.51 | 0.0003 | P | 4.6 |
| 2 | ☐ | 0.100 | 0.543 | 4685.24 | 0.0003 | P | 3.4 |
| 3 | ☐ | 1.000 | 1.796 | 5118.73 | 0.0003 | P | 0.9 |
| 4 | ☐ | 50.000 | 59.153 | 22834.71 | 0.0014 | P | 0.9 |
| 5 | ☐ | 125.000 | 136.134 | 46112.88 | 0.0029 | P | 2.2 |
| 6 | ☐ | 250.000 | 259.694 | 84186.68 | 0.0053 | P | 3.6 |
| 7 | ☐ | 500.000 | 514.525 | 157600.88 | 0.0102 | P | 1.2 |
| 8 | ☐ | 1000.000 | 988.464 | 298756.06 | 0.0194 | P | 1.0 |
| 9 | ☐ | | | 4344.02 | 0.0003 | P | 4.2 |

y = 1.9338E-005 * x + 2.8719E-004
R = 0.9998
DL = 2.049
BEC = 14.85

Weight: <None>
Min Conc: 0

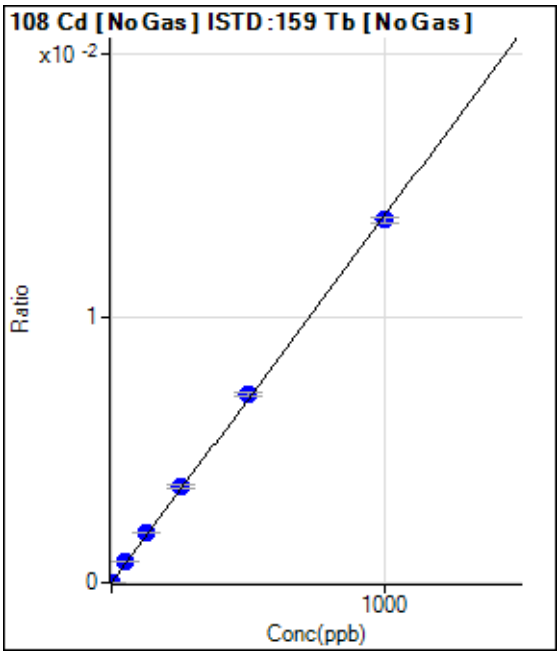
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 106.67 | 0.0000 | P | 16.3 |
| 2 | ☐ | 0.100 | 0.105 | 1659.00 | 0.0001 | P | 5.2 |
| 3 | ☐ | 1.000 | 1.123 | 16857.64 | 0.0011 | P | 1.0 |
| 4 | ☐ | 50.000 | 57.252 | 856641.86 | 0.0537 | P | 1.6 |
| 5 | ☐ | 125.000 | 136.974 | 2028947.02 | 0.1285 | A | 1.0 |
| 6 | ☐ | 250.000 | 260.603 | 3875975.11 | 0.2444 | A | 2.3 |
| 7 | ☐ | 500.000 | 514.580 | 7428867.81 | 0.4826 | A | 1.5 |
| 8 | ☐ | 1000.000 | 988.200 | 14269480.48 | 0.9267 | A | 0.9 |
| 9 | ☐ | | | 3158.16 | 0.0002 | P | 18.6 |

y = 9.3776E-004 * x + 6.8540E-006
R = 0.9997
DL = 0.003564
BEC = 0.007309

Weight: <None>
Min Conc: 0

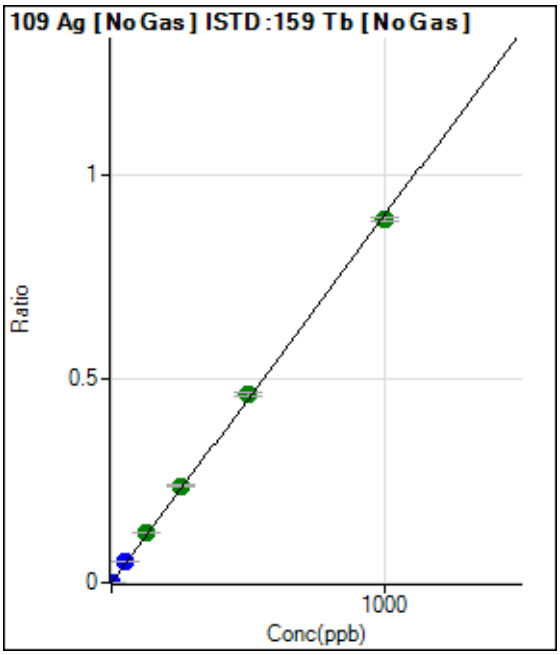



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0000 | P | 63.2 |
| 2 | ☐ | 0.100 | 0.135 | 42.22 | 0.0000 | P | 36.8 |
| 3 | ☐ | 1.000 | 1.224 | 282.23 | 0.0000 | P | 6.6 |
| 4 | ☐ | 50.000 | 57.519 | 12729.00 | 0.0008 | P | 1.7 |
| 5 | ☐ | 125.000 | 135.482 | 29665.91 | 0.0019 | P | 1.2 |
| 6 | ☐ | 250.000 | 261.462 | 57472.02 | 0.0036 | P | 3.1 |
| 7 | ☐ | 500.000 | 513.443 | 109550.61 | 0.0071 | P | 1.2 |
| 8 | ☐ | 1000.000 | 988.727 | 210984.02 | 0.0137 | P | 1.4 |
| 9 | ☐ | | | 115.56 | 0.0000 | P | 25.1 |

y = 1.3858E-005 * x + 7.8736E-007
R = 0.9998
DL = 0.1077
BEC = 0.05682

Weight: <None>
Min Conc: 0

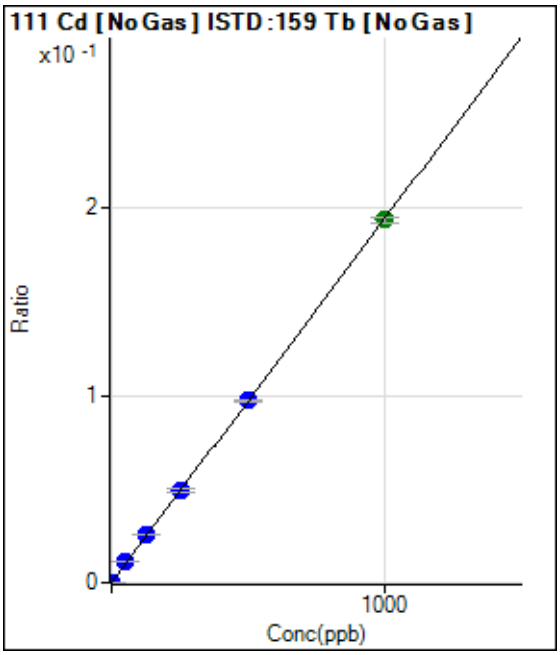
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 53.33 | 0.0000 | P | 12.4 |
| 2 | ☐ | 0.100 | 0.109 | 1595.66 | 0.0001 | P | 6.5 |
| 3 | ☐ | 1.000 | 1.120 | 16076.79 | 0.0010 | P | 2.5 |
| 4 | ☐ | 50.000 | 57.035 | 818884.30 | 0.0513 | P | 1.4 |
| 5 | ☐ | 125.000 | 137.415 | 1953302.37 | 0.1237 | A | 0.6 |
| 6 | ☐ | 250.000 | 262.246 | 3743080.84 | 0.2360 | A | 1.9 |
| 7 | ☐ | 500.000 | 514.504 | 7127618.85 | 0.4630 | A | 1.7 |
| 8 | ☐ | 1000.000 | 987.783 | 13687033.41 | 0.8889 | A | 1.1 |
| 9 | ☐ | | | 2889.21 | 0.0002 | P | 16.3 |

y = 8.9987E-004 * x + 3.4277E-006
R = 0.9997
DL = 0.001412
BEC = 0.003809

Weight: <None>
Min Conc: 0

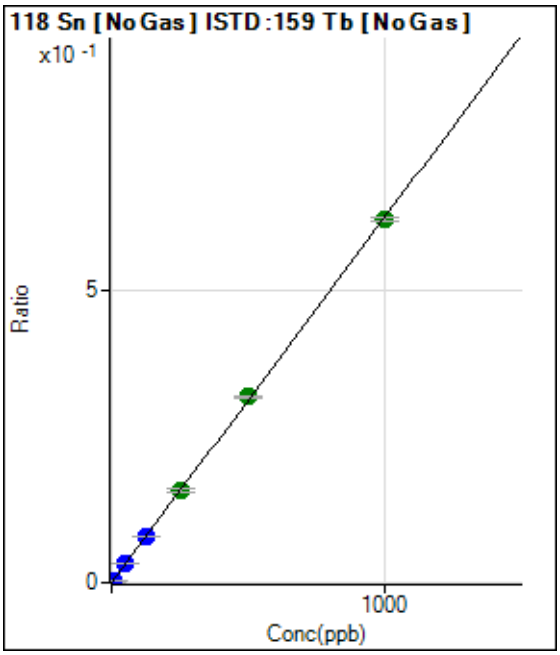



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 908.54 | 0.0001 | P | 4.3 |
| 2 | ☑ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.207 | 4656.84 | 0.0003 | P | 3.7 |
| 4 | ☐ | 50.000 | 55.666 | 173452.76 | 0.0109 | P | 1.3 |
| 5 | ☐ | 125.000 | 131.168 | 403367.50 | 0.0255 | P | 1.0 |
| 6 | ☐ | 250.000 | 252.794 | 779696.24 | 0.0492 | P | 2.8 |
| 7 | ☐ | 500.000 | 501.229 | 1499847.72 | 0.0974 | P | 1.2 |
| 8 | ☐ | 1000.000 | 997.632 | 2984858.91 | 0.1939 | A | 1.7 |
| 9 | ☐ | | | 1480.90 | 0.0001 | P | 3.7 |

y = 1.9425E-004 * x + 5.8391E-005
R = 1.0000
DL = 0.03846
BEC = 0.3006

Weight: <None>
Min Conc: 0

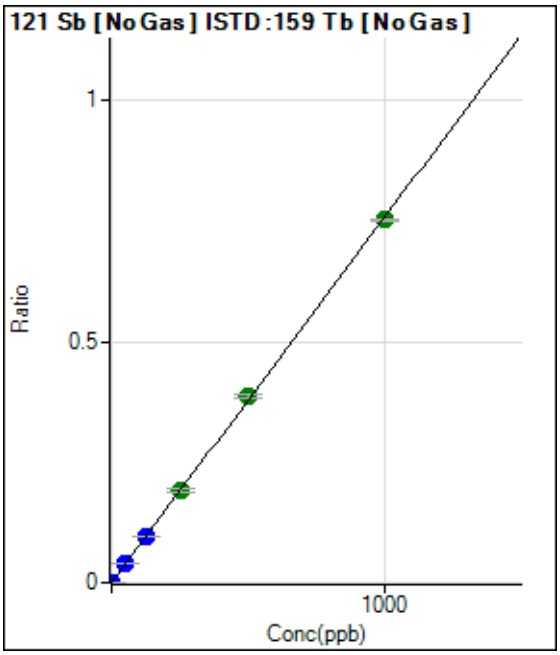
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1097.83 | 0.0001 | P | 8.2 |
| 2 | ☐ | 0.500 | 0.587 | 6862.80 | 0.0004 | P | 3.6 |
| 3 | ☐ | 5.000 | 5.630 | 56876.25 | 0.0036 | P | 1.4 |
| 4 | ☐ | 50.000 | 53.915 | 536854.94 | 0.0337 | P | 1.7 |
| 5 | ☐ | 125.000 | 127.357 | 1253960.40 | 0.0794 | P | 1.2 |
| 6 | ☐ | 250.000 | 253.205 | 2502186.02 | 0.1578 | A | 2.6 |
| 7 | ☐ | 500.000 | 509.587 | 4887453.29 | 0.3175 | A | 1.0 |
| 8 | ☐ | 1000.000 | 993.911 | 9533235.55 | 0.6191 | A | 0.9 |
| 9 | ☐ | | | 3757.20 | 0.0003 | P | 11.4 |

y = 6.2284E-004 * x + 7.0562E-005
R = 0.9999
DL = 0.0279
BEC = 0.1133

Weight: <None>
Min Conc: 0

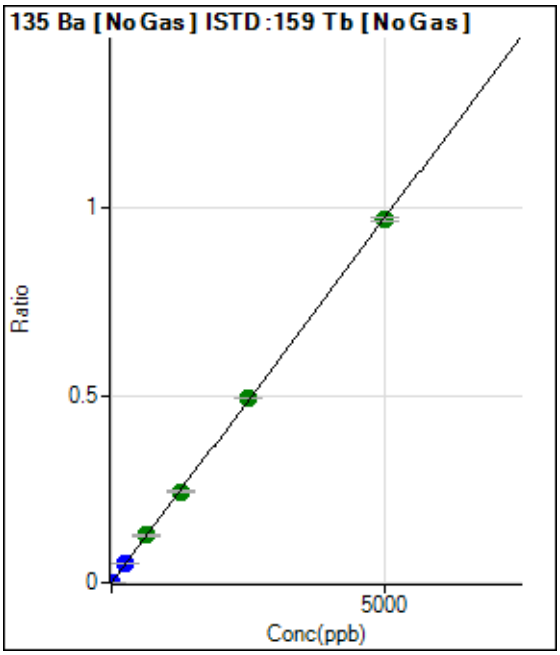



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 58.89 | 0.0000 | P | 32.7 |
| 2 | ☐ | 0.200 | 0.230 | 2793.63 | 0.0002 | P | 4.9 |
| 3 | ☐ | 2.000 | 2.196 | 26491.13 | 0.0017 | P | 2.7 |
| 4 | ☐ | 50.000 | 53.243 | 643034.95 | 0.0403 | P | 1.3 |
| 5 | ☐ | 125.000 | 125.903 | 1505247.63 | 0.0953 | P | 1.1 |
| 6 | ☐ | 250.000 | 252.216 | 3027480.89 | 0.1909 | A | 3.0 |
| 7 | ☐ | 500.000 | 511.438 | 5959692.06 | 0.3871 | A | 1.3 |
| 8 | ☐ | 1000.000 | 993.452 | 11578969.83 | 0.7520 | A | 0.8 |
| 9 | ☐ | | | 7479.80 | 0.0005 | P | 7.5 |

y = 7.5692E-004 * x + 3.7892E-006
R = 0.9999
DL = 0.004907
BEC = 0.005006

Weight: <None>
Min Conc: 0

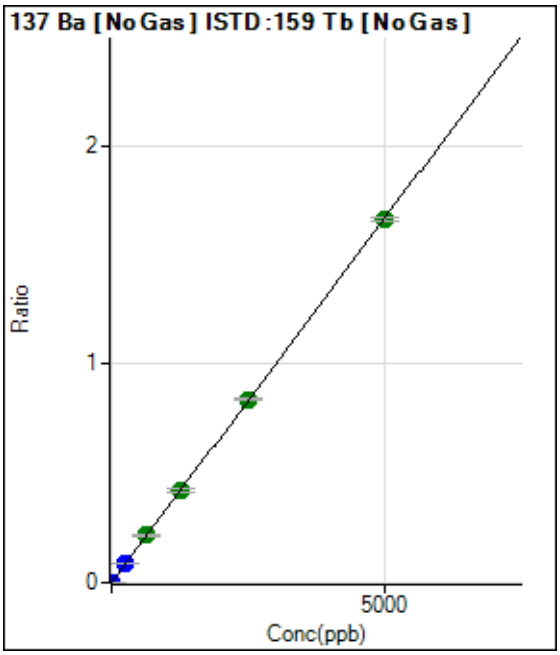
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 61.11 | 0.0000 | P | 14.2 |
| 2 | ☐ | 1.000 | 1.084 | 3374.88 | 0.0002 | P | 3.5 |
| 3 | ☐ | 10.000 | 10.794 | 33414.73 | 0.0021 | P | 1.3 |
| 4 | ☐ | 250.000 | 260.679 | 808272.92 | 0.0507 | P | 1.4 |
| 5 | ☐ | 625.000 | 650.969 | 1998007.89 | 0.1265 | A | 1.8 |
| 6 | ☐ | 1250.000 | 1252.202 | 3859527.72 | 0.2433 | A | 2.3 |
| 7 | ☐ | 2500.000 | 2533.003 | 7578306.69 | 0.4922 | A | 0.9 |
| 8 | ☐ | 5000.000 | 4979.166 | 14899351.44 | 0.9676 | A | 1.1 |
| 9 | ☐ | | | 6926.21 | 0.0005 | P | 6.6 |

y = 1.9433E-004 * x + 3.9300E-006
R = 1.0000
DL = 0.008637
BEC = 0.02022

Weight: <None>
Min Conc: 0

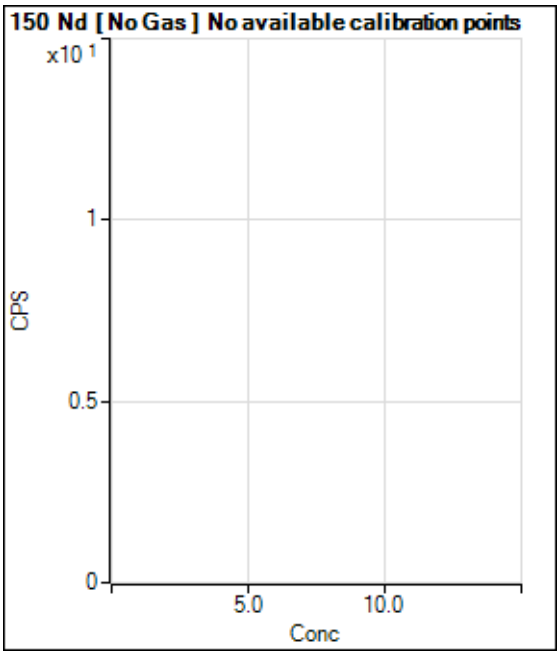



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 84.44 | 0.0000 | P | 28.9 |
| 2 | ☐ | 1.000 | 1.085 | 5779.00 | 0.0004 | P | 3.2 |
| 3 | ☐ | 10.000 | 10.813 | 57454.18 | 0.0036 | P | 1.2 |
| 4 | ☐ | 250.000 | 264.606 | 1408703.85 | 0.0883 | P | 1.6 |
| 5 | ☐ | 625.000 | 649.624 | 3423782.59 | 0.2168 | A | 1.0 |
| 6 | ☐ | 1250.000 | 1267.009 | 6704716.15 | 0.4228 | A | 2.7 |
| 7 | ☐ | 2500.000 | 2521.405 | 12952608.97 | 0.8413 | A | 1.0 |
| 8 | ☐ | 5000.000 | 4981.236 | 25593497.40 | 1.6621 | A | 1.2 |
| 9 | ☐ | | | 12198.69 | 0.0008 | P | 6.0 |

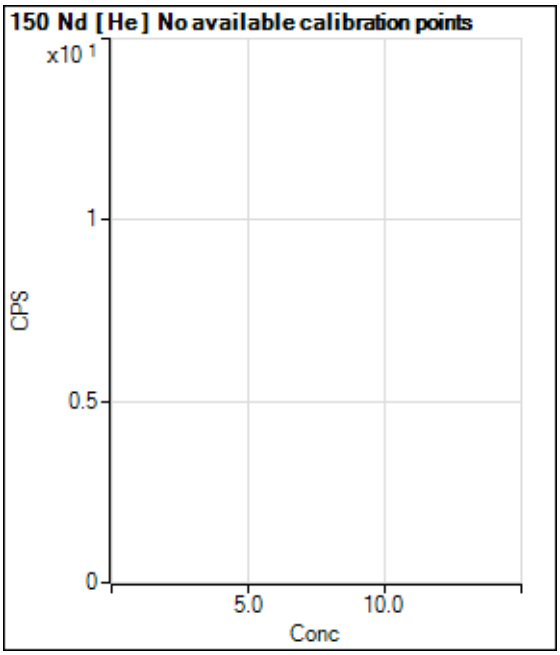
y = 3.3368E-004 * x + 5.4260E-006
R = 1.0000
DL = 0.0141
BEC = 0.01626

Weight: <None>
Min Conc: 0

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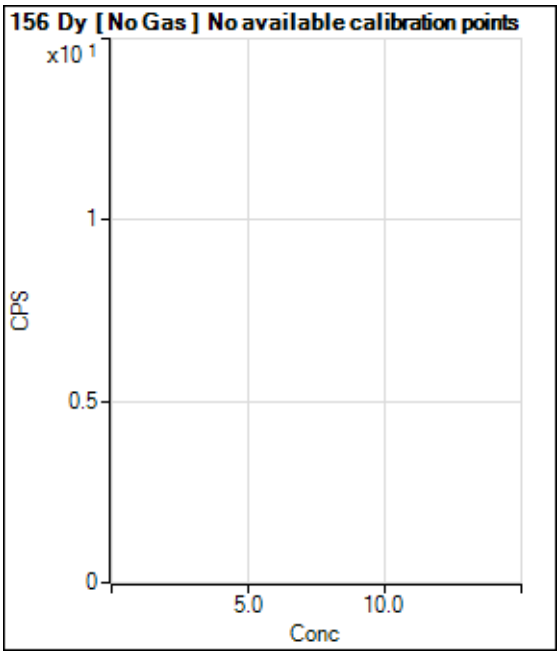



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 6.67 | | P | 0.0 |
| 2 | ☐ | | | 10.00 | | P | 33.3 |
| 3 | ☐ | | | 5.56 | | P | 34.7 |
| 4 | ☐ | | | 54.44 | | P | 31.4 |
| 5 | ☐ | | | 98.89 | | P | 10.3 |
| 6 | ☐ | | | 206.67 | | P | 14.8 |
| 7 | ☐ | | | 392.23 | | P | 1.3 |
| 8 | ☐ | | | 751.14 | | P | 3.8 |
| 9 | ☐ | | | 260.00 | | P | 20.1 |

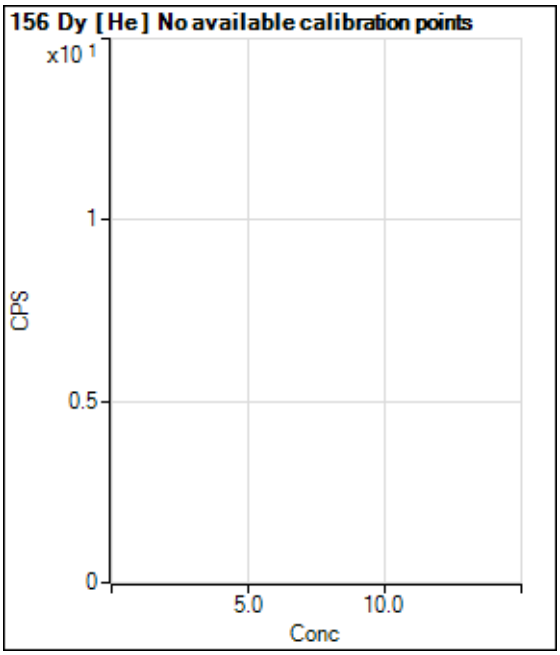



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2.22 | | P | 86.6 |
| 2 | ☐ | | | 3.33 | | P | 0.0 |
| 3 | ☐ | | | 3.33 | | P | 100. |
| 4 | ☐ | | | 15.55 | | P | 44.6 |
| 5 | ☐ | | | 27.78 | | P | 25.0 |
| 6 | ☐ | | | 62.22 | | P | 30.5 |
| 7 | ☐ | | | 103.33 | | P | 11.6 |
| 8 | ☐ | | | 202.22 | | P | 6.7 |
| 9 | ☐ | | | 131.11 | | P | 16.5 |

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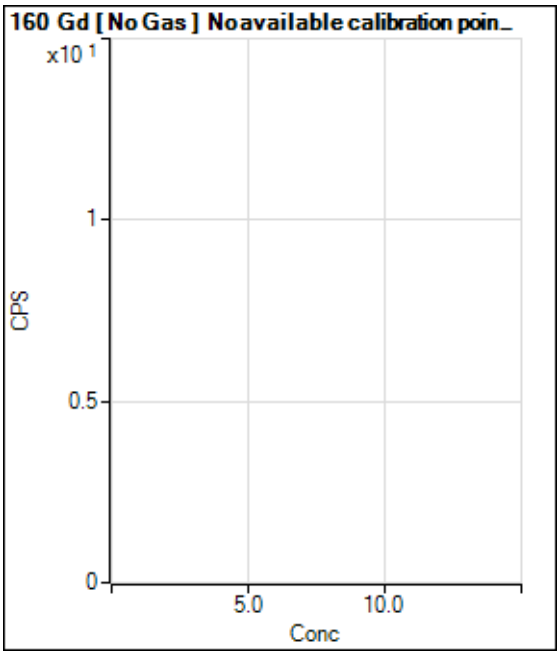



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 12.22 | | P | 56.8 |
| 2 | ☐ | | | 10.00 | | P | 66.7 |
| 3 | ☐ | | | 15.56 | | P | 49.5 |
| 4 | ☐ | | | 30.00 | | P | 80.1 |
| 5 | ☐ | | | 52.22 | | P | 43.4 |
| 6 | ☐ | | | 70.00 | | P | 29.7 |
| 7 | ☐ | | | 133.33 | | P | 8.7 |
| 8 | ☐ | | | 240.01 | | P | 7.2 |
| 9 | ☐ | | | 395.57 | | P | 9.3 |

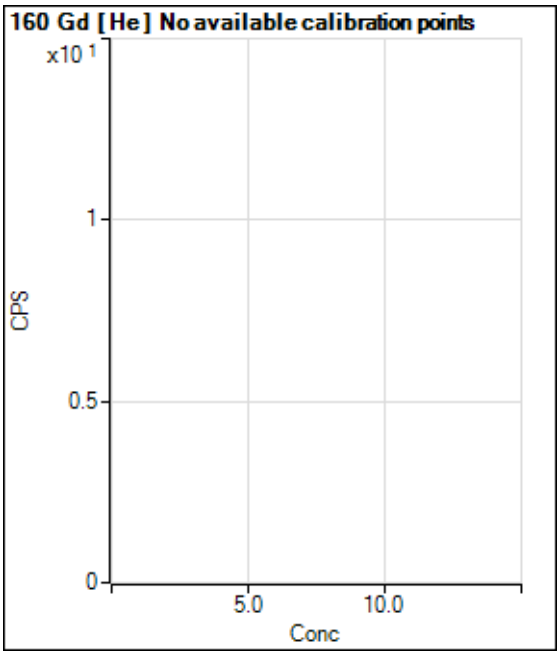



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 8.89 | | P | 57.3 |
| 2 | ☐ | | | 6.67 | | P | 100. |
| 3 | ☐ | | | 5.56 | | P | 91.6 |
| 4 | ☐ | | | 47.78 | | P | 34.4 |
| 5 | ☐ | | | 116.67 | | P | 14.8 |
| 6 | ☐ | | | 208.89 | | P | 13.0 |
| 7 | ☐ | | | 408.90 | | P | 11.6 |
| 8 | ☐ | | | 797.81 | | P | 9.3 |
| 9 | ☐ | | | 406.68 | | P | 9.8 |

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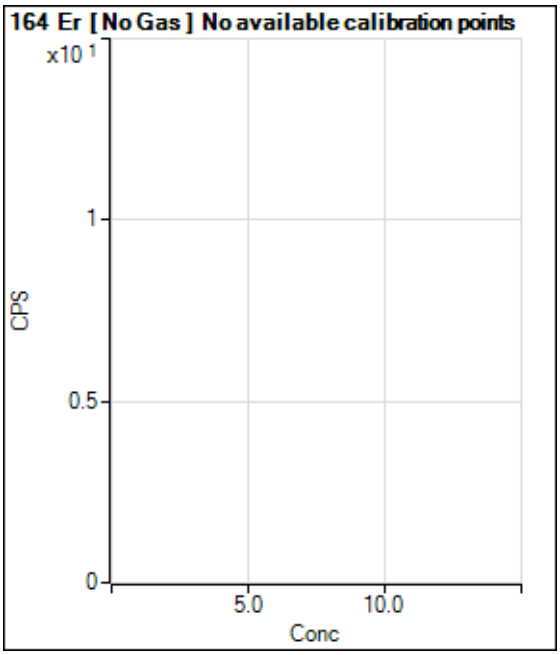



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 60.00 | | P | 43.4 |
| 2 | ☐ | | | 51.11 | | P | 32.2 |
| 3 | ☐ | | | 58.89 | | P | 34.6 |
| 4 | ☐ | | | 58.89 | | P | 13.1 |
| 5 | ☐ | | | 75.56 | | P | 29.4 |
| 6 | ☐ | | | 82.22 | | P | 18.7 |
| 7 | ☐ | | | 130.00 | | P | 2.6 |
| 8 | ☐ | | | 192.22 | | P | 5.6 |
| 9 | ☐ | | | 470.01 | | P | 12.5 |

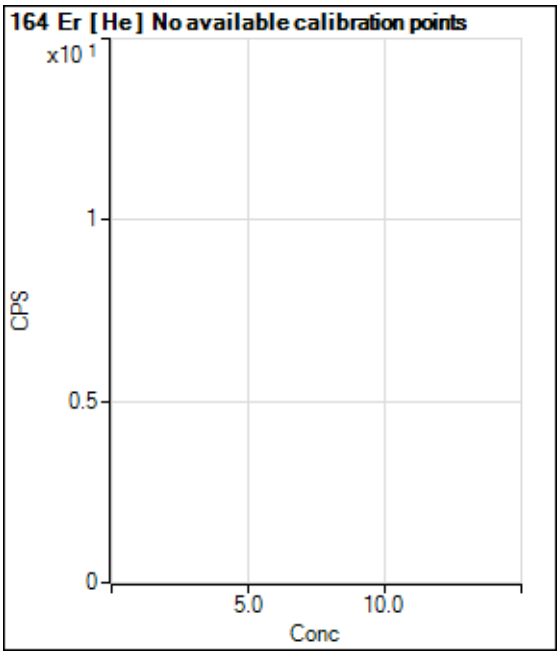



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 686.69 | | P | 3.7 |
| 2 | ☐ | | | 704.47 | | P | 5.0 |
| 3 | ☐ | | | 724.47 | | P | 7.9 |
| 4 | ☐ | | | 727.80 | | P | 9.4 |
| 5 | ☐ | | | 665.58 | | P | 11.0 |
| 6 | ☐ | | | 684.47 | | P | 6.2 |
| 7 | ☐ | | | 705.58 | | P | 12.2 |
| 8 | ☐ | | | 756.70 | | P | 7.5 |
| 9 | ☐ | | | 900.04 | | P | 6.1 |

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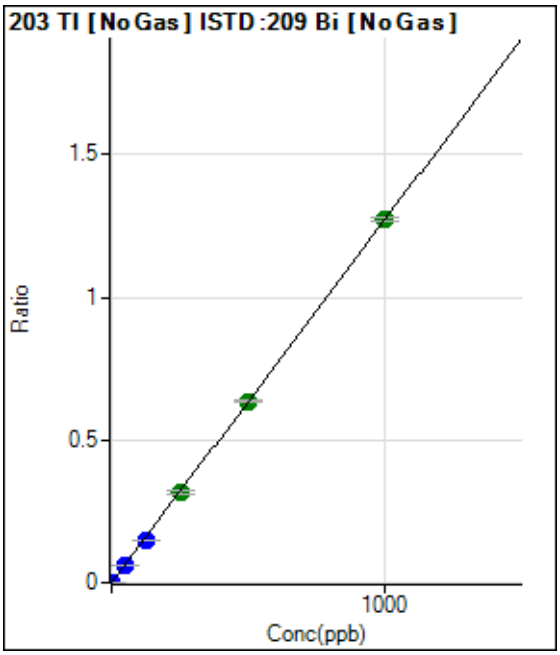



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 70.00 | | P | 24.7 |
| 2 | ☐ | | | 75.56 | | P | 6.7 |
| 3 | ☐ | | | 62.22 | | P | 29.5 |
| 4 | ☐ | | | 67.78 | | P | 10.2 |
| 5 | ☐ | | | 97.78 | | P | 24.2 |
| 6 | ☐ | | | 105.56 | | P | 23.7 |
| 7 | ☐ | | | 152.23 | | P | 29.9 |
| 8 | ☐ | | | 225.56 | | P | 10.5 |
| 9 | ☐ | | | 447.79 | | P | 9.5 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 60.00 | | P | 5.5 |
| 2 | ☐ | | | 51.11 | | P | 16.4 |
| 3 | ☐ | | | 47.78 | | P | 17.6 |
| 4 | ☐ | | | 63.33 | | P | 29.3 |
| 5 | ☐ | | | 66.67 | | P | 8.7 |
| 6 | ☐ | | | 75.56 | | P | 24.3 |
| 7 | ☐ | | | 98.89 | | P | 28.1 |
| 8 | ☐ | | | 186.67 | | P | 20.6 |
| 9 | ☐ | | | 387.79 | | P | 9.9 |

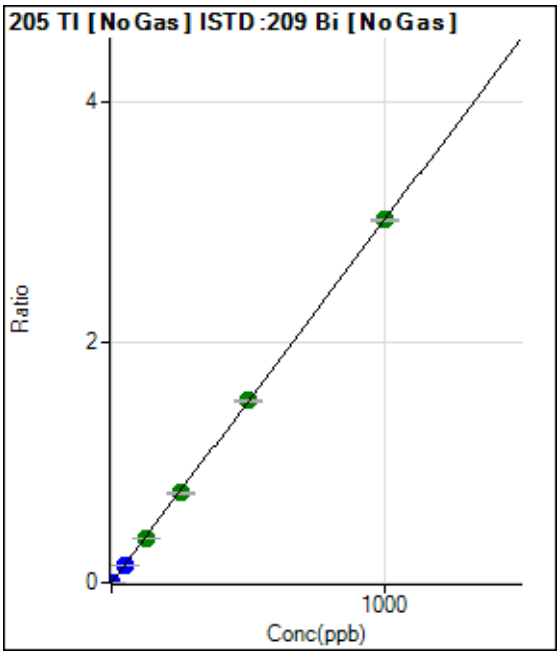
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 395.57 | 0.0000 | P | 9.2 |
| 2 | ☐ | 0.100 | 0.095 | 1524.55 | 0.0002 | P | 6.0 |
| 3 | ☐ | 1.000 | 1.020 | 12433.56 | 0.0013 | P | 2.5 |
| 4 | ☐ | 50.000 | 49.783 | 590322.23 | 0.0632 | P | 1.3 |
| 5 | ☐ | 125.000 | 118.446 | 1423239.77 | 0.1504 | P | 0.6 |
| 6 | ☐ | 250.000 | 248.266 | 2989412.32 | 0.3152 | A | 3.4 |
| 7 | ☐ | 500.000 | 500.133 | 5898253.52 | 0.6350 | A | 1.6 |
| 8 | ☐ | 1000.000 | 1001.197 | 11578462.33 | 1.2711 | A | 0.9 |
| 9 | ☐ | | | 2276.88 | 0.0003 | P | 14.8 |

y = 0.0013 * x + 4.3369E-005
R = 1.0000
DL = 0.009428
BEC = 0.03416

Weight: <None>
Min Conc: 0

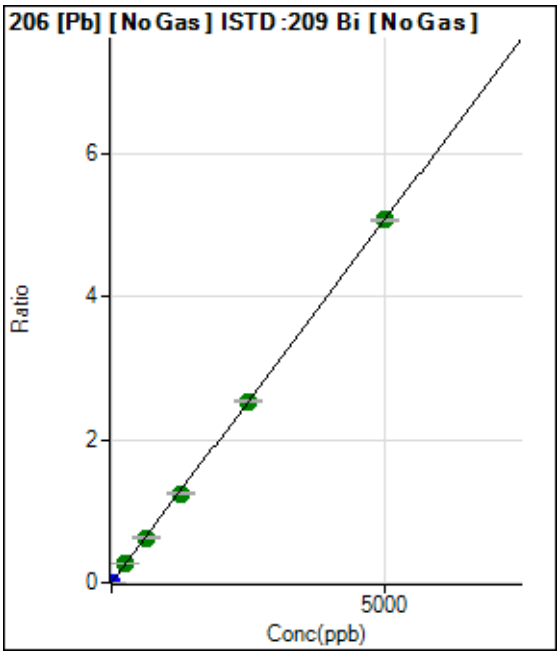



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 864.48 | 0.0001 | P | 9.1 |
| 2 | ☐ | 0.100 | 0.095 | 3551.61 | 0.0004 | P | 4.1 |
| 3 | ☐ | 1.000 | 1.008 | 29083.37 | 0.0031 | P | 2.8 |
| 4 | ☐ | 50.000 | 49.564 | 1395092.85 | 0.1495 | P | 1.5 |
| 5 | ☐ | 125.000 | 124.447 | 3549665.16 | 0.3751 | A | 0.0 |
| 6 | ☐ | 250.000 | 247.666 | 7080289.27 | 0.7465 | A | 2.2 |
| 7 | ☐ | 500.000 | 501.158 | 14030133.68 | 1.5104 | A | 1.5 |
| 8 | ☐ | 1000.000 | 1000.096 | 27455589.59 | 3.0141 | A | 0.6 |
| 9 | ☐ | | | 5522.33 | 0.0007 | P | 18.3 |

y = 0.0030 * x + 9.4699E-005
R = 1.0000
DL = 0.008625
BEC = 0.03142

Weight: <None>
Min Conc: 0

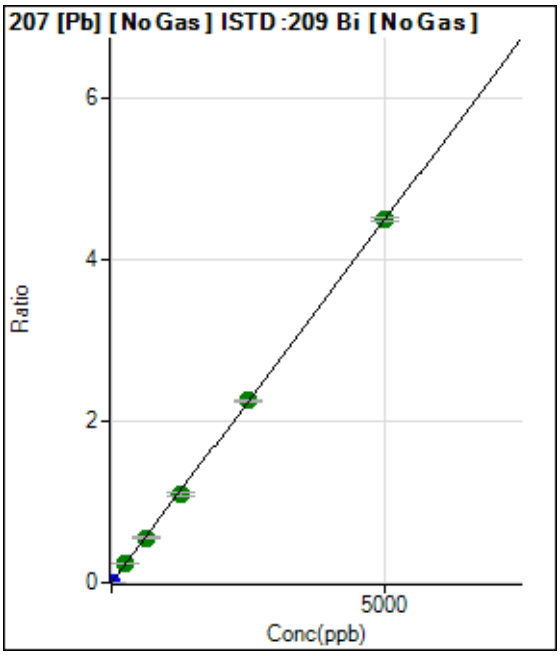
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 411.12 | 0.0000 | P | 9.7 |
| 2 | ☐ | 0.100 | 0.100 | 1360.09 | 0.0001 | P | 4.1 |
| 3 | ☐ | 1.000 | 1.008 | 9913.71 | 0.0011 | P | 2.7 |
| 4 | ☐ | 250.000 | 257.012 | 2434297.04 | 0.2608 | A | 1.9 |
| 5 | ☐ | 625.000 | 621.995 | 5972004.91 | 0.6311 | A | 0.9 |
| 6 | ☐ | 1250.000 | 1229.380 | 11829927.74 | 1.2474 | A | 2.9 |
| 7 | ☐ | 2500.000 | 2504.016 | 23599451.59 | 2.5406 | A | 1.4 |
| 8 | ☐ | 5000.000 | 5003.172 | 46239107.09 | 5.0762 | A | 0.5 |
| 9 | ☐ | | | 15381.10 | 0.0019 | P | 8.7 |

y = 0.0010 * x + 4.5071E-005
R = 1.0000
DL = 0.01288
BEC = 0.04442

Weight: <None>
Min Conc: 0

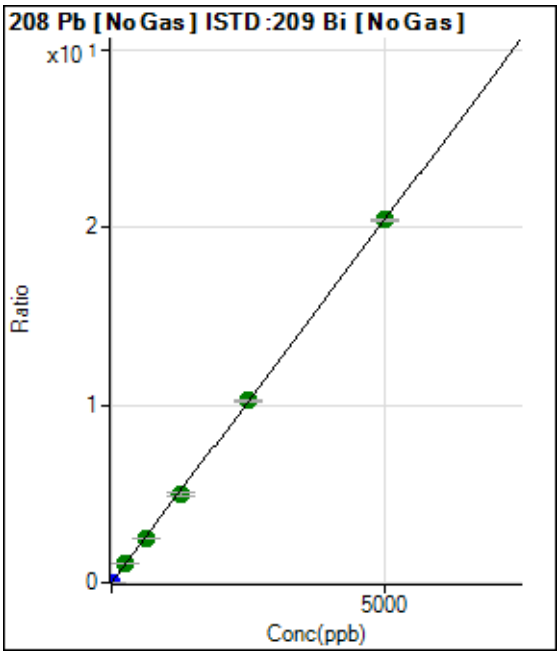



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 356.68 | 0.0000 | P | 7.6 |
| 2 | ☐ | 0.100 | 0.097 | 1174.51 | 0.0001 | P | 2.3 |
| 3 | ☐ | 1.000 | 1.006 | 8755.12 | 0.0009 | P | 0.9 |
| 4 | ☐ | 250.000 | 257.651 | 2160061.16 | 0.2314 | A | 1.0 |
| 5 | ☐ | 625.000 | 621.403 | 5280202.87 | 0.5580 | A | 1.0 |
| 6 | ☐ | 1250.000 | 1226.407 | 10443915.47 | 1.1013 | A | 3.5 |
| 7 | ☐ | 2500.000 | 2507.652 | 20917200.10 | 2.2518 | A | 0.9 |
| 8 | ☐ | 5000.000 | 5002.139 | 40914903.56 | 4.4917 | A | 0.9 |
| 9 | ☐ | | | 13330.02 | 0.0016 | P | 9.7 |

y = 8.9795E-004 * x + 3.9078E-005
R = 1.0000
DL = 0.009932
BEC = 0.04352

Weight: <None>
Min Conc: 0

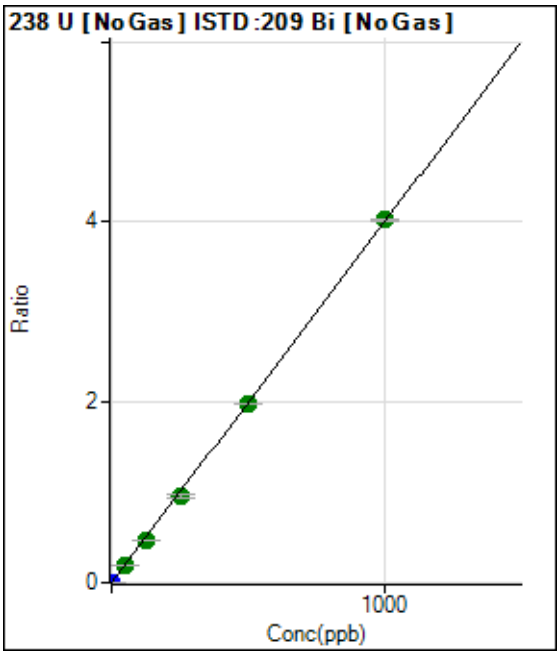
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1564.50 | 0.0002 | P | 3.1 |
| 2 | ☐ | 0.100 | 0.099 | 5344.92 | 0.0006 | P | 3.4 |
| 3 | ☐ | 1.000 | 1.000 | 39520.50 | 0.0043 | P | 2.7 |
| 4 | ☐ | 250.000 | 258.686 | 9867020.25 | 1.0571 | A | 1.0 |
| 5 | ☐ | 625.000 | 621.631 | 24033379.12 | 2.5399 | A | 0.3 |
| 6 | ☐ | 1250.000 | 1224.413 | 47443249.78 | 5.0026 | A | 3.2 |
| 7 | ☐ | 2500.000 | 2508.946 | 95220971.49 | 10.2508 | A | 0.9 |
| 8 | ☐ | 5000.000 | 5001.911 | 186152091.39 | 20.4360 | A | 0.6 |
| 9 | ☐ | | | 60666.79 | 0.0075 | P | 8.3 |

y = 0.0041 * x + 1.7147E-004
R = 1.0000
DL = 0.00385
BEC = 0.04197

Weight: <None>
Min Conc: 0

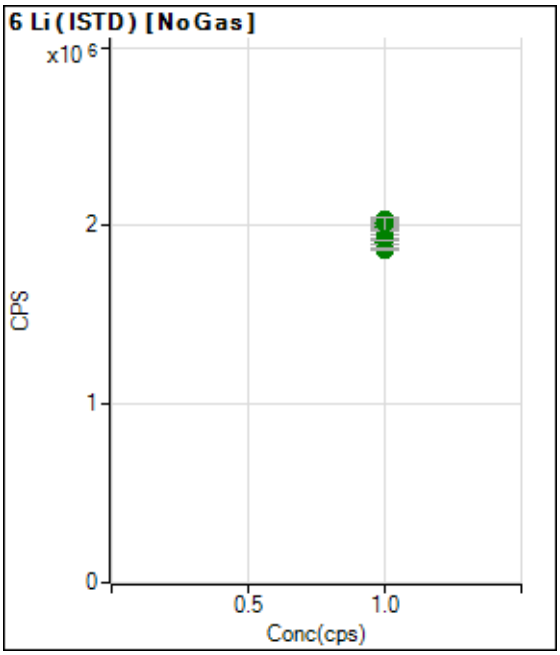



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0000 | P | 56.7 |
| 2 | ☐ | 0.100 | 0.090 | 3363.80 | 0.0004 | P | 3.4 |
| 3 | ☐ | 1.000 | 0.928 | 34476.83 | 0.0037 | P | 2.7 |
| 4 | ☐ | 50.000 | 48.935 | 1827307.77 | 0.1958 | A | 2.4 |
| 5 | ☐ | 125.000 | 118.675 | 4492552.61 | 0.4748 | A | 1.0 |
| 6 | ☐ | 250.000 | 239.445 | 9084788.96 | 0.9580 | A | 3.5 |
| 7 | ☐ | 500.000 | 495.983 | 18432808.61 | 1.9843 | A | 0.9 |
| 8 | ☐ | 1000.000 | 1005.491 | 36644136.12 | 4.0228 | A | 0.9 |
| 9 | ☐ | | | 5260.05 | 0.0006 | P | 24.4 |

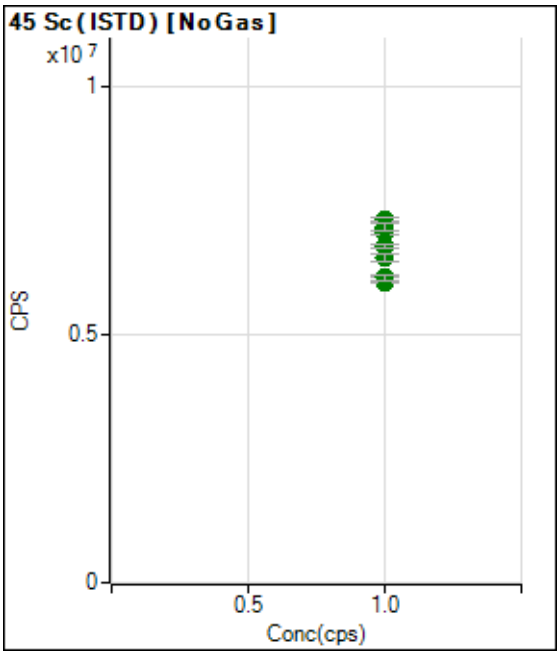
y = 0.0040 * x + 1.3380E-006
R = 0.9999
DL = 0.0005685
BEC = 0.0003344

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
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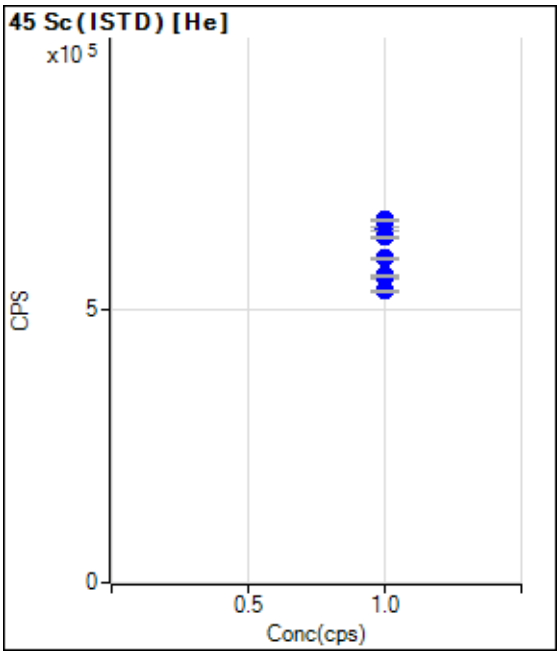



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1954229.99 | | A | 0.2 |
| 2 | ☐ | 1.000 | | 1974647.30 | | A | 5.5 |
| 3 | ☐ | 1.000 | | 2008203.55 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 2033670.73 | | A | 0.4 |
| 5 | ☐ | 1.000 | | 1994896.78 | | A | 1.1 |
| 6 | ☐ | 1.000 | | 2010796.34 | | A | 3.3 |
| 7 | ☐ | 1.000 | | 1924923.62 | | A | 0.8 |
| 8 | ☐ | 1.000 | | 1906867.00 | | A | 0.8 |
| 9 | ☐ | 1.000 | | 1865885.91 | | A | 0.6 |

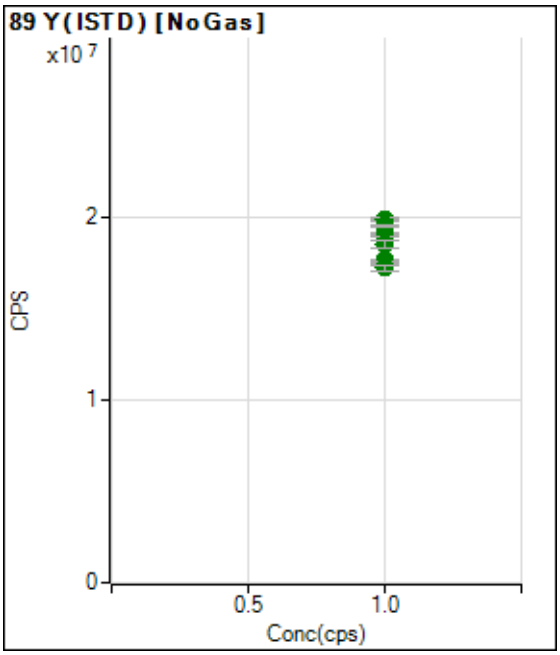



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7066083.02 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 7159420.80 | | A | 3.9 |
| 3 | ☐ | 1.000 | | 7322207.46 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 7180610.03 | | A | 1.8 |
| 5 | ☐ | 1.000 | | 6783289.69 | | A | 1.3 |
| 6 | ☐ | 1.000 | | 6571435.53 | | A | 2.3 |
| 7 | ☐ | 1.000 | | 6184504.28 | | A | 0.4 |
| 8 | ☐ | 1.000 | | 6072434.21 | | A | 0.6 |
| 9 | ☐ | 1.000 | | 6155588.73 | | A | 1.9 |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

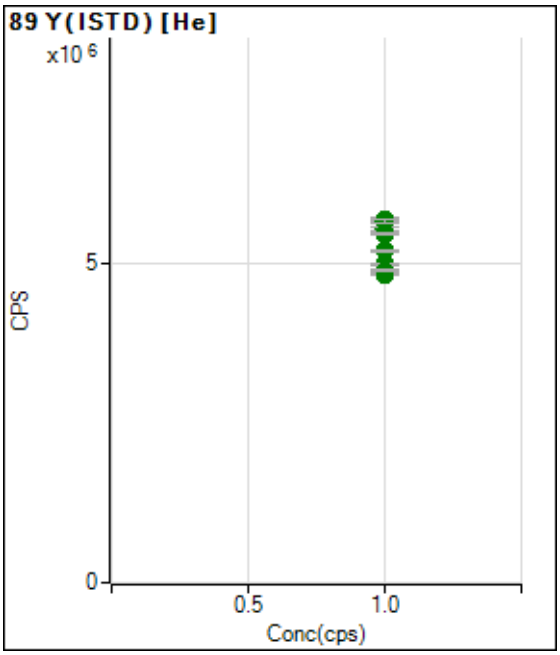



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 645578.91 | | P | 0.8 |
| 2 | ☐ | 1.000 | | 662554.35 | | P | 0.1 |
| 3 | ☐ | 1.000 | | 661361.55 | | P | 0.8 |
| 4 | ☐ | 1.000 | | 631213.47 | | P | 0.8 |
| 5 | ☐ | 1.000 | | 591752.27 | | P | 0.2 |
| 6 | ☐ | 1.000 | | 557451.76 | | P | 0.6 |
| 7 | ☐ | 1.000 | | 532153.28 | | P | 0.5 |
| 8 | ☐ | 1.000 | | 532525.87 | | P | 0.7 |
| 9 | ☐ | 1.000 | | 561056.34 | | P | 0.6 |

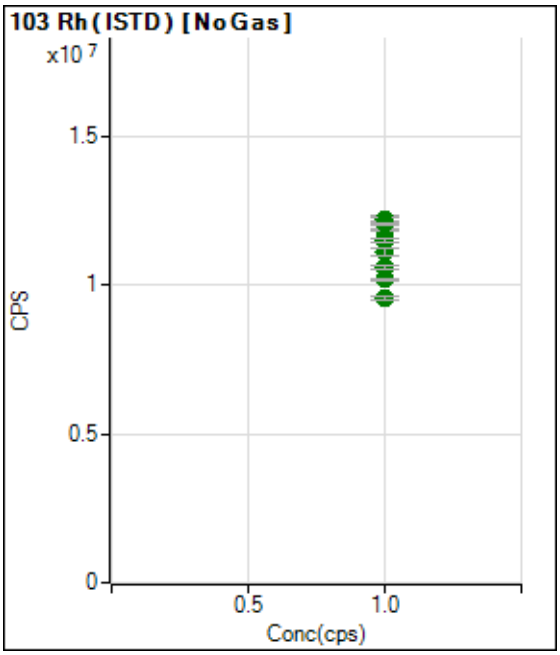



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 19142123.47 | | A | 0.4 |
| 2 | ☐ | 1.000 | | 19513656.79 | | A | 4.2 |
| 3 | ☐ | 1.000 | | 19877604.43 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 19560334.99 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 18968148.47 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 18551159.31 | | A | 2.1 |
| 7 | ☐ | 1.000 | | 17718931.68 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 17567176.27 | | A | 0.9 |
| 9 | ☐ | 1.000 | | 17239538.63 | | A | 1.4 |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

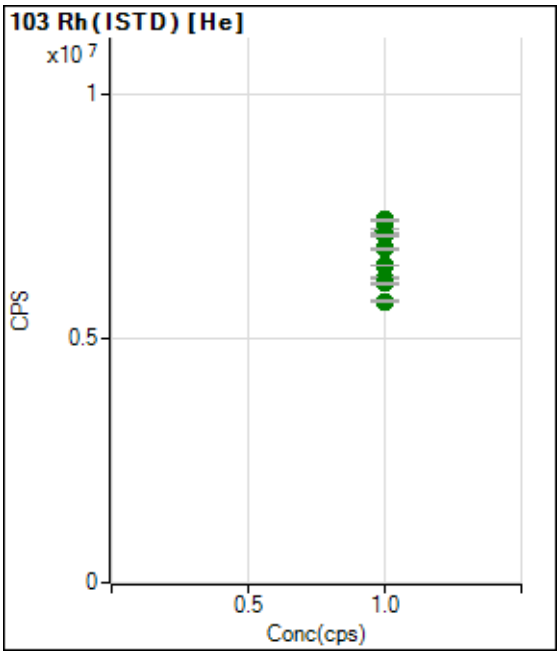



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 5547282.49 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 5691696.44 | | A | 0.9 |
| 3 | ☐ | 1.000 | | 5660092.35 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 5467609.22 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 5204723.15 | | A | 0.3 |
| 6 | ☐ | 1.000 | | 5000839.48 | | A | 0.3 |
| 7 | ☐ | 1.000 | | 4836009.93 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 4839362.74 | | A | 0.3 |
| 9 | ☐ | 1.000 | | 4898951.97 | | A | 1.0 |

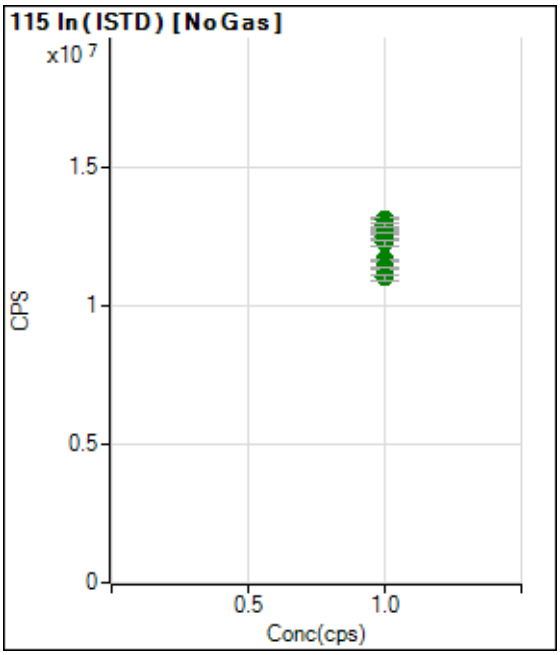



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11834991.35 | | A | 0.7 |
| 2 | ☐ | 1.000 | | 12091493.43 | | A | 4.1 |
| 3 | ☐ | 1.000 | | 12187458.71 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 12052011.35 | | A | 0.2 |
| 5 | ☐ | 1.000 | | 11482968.58 | | A | 1.0 |
| 6 | ☐ | 1.000 | | 11124629.28 | | A | 2.2 |
| 7 | ☐ | 1.000 | | 10617759.98 | | A | 1.2 |
| 8 | ☐ | 1.000 | | 10204709.92 | | A | 0.7 |
| 9 | ☐ | 1.000 | | 9563276.25 | | A | 1.7 |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

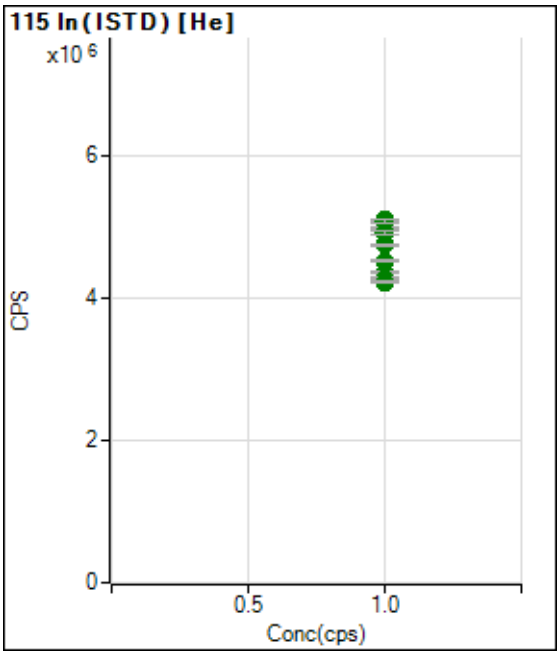



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7206836.77 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 7442425.03 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 7421020.17 | | A | 0.6 |
| 4 | ☐ | 1.000 | | 7127492.33 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 6847515.11 | | A | 0.2 |
| 6 | ☐ | 1.000 | | 6517312.47 | | A | 0.3 |
| 7 | ☐ | 1.000 | | 6251640.11 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 6137036.23 | | A | 0.6 |
| 9 | ☐ | 1.000 | | 5778428.04 | | A | 0.6 |

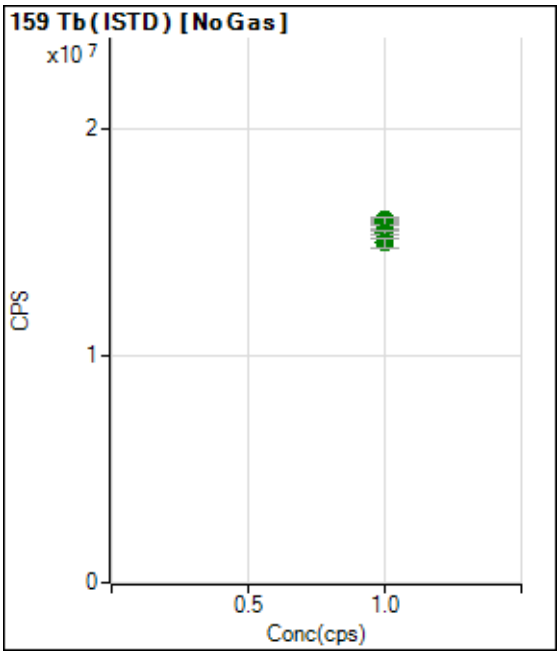



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 12704592.99 | | A | 0.5 |
| 2 | ☐ | 1.000 | | 12842685.66 | | A | 4.4 |
| 3 | ☐ | 1.000 | | 13073276.15 | | A | 1.7 |
| 4 | ☐ | 1.000 | | 12899935.69 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 12492072.90 | | A | 1.6 |
| 6 | ☐ | 1.000 | | 12243802.29 | | A | 1.9 |
| 7 | ☐ | 1.000 | | 11627350.53 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 11355868.92 | | A | 0.7 |
| 9 | ☐ | 1.000 | | 10989382.13 | | A | 1.9 |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

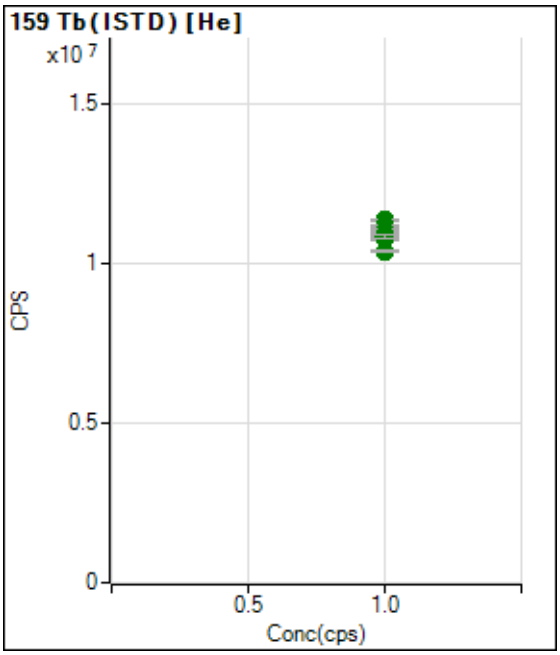



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4991854.58 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 5108322.07 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 5086472.18 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 4935463.34 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 4757380.33 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 4526024.33 | | A | 0.6 |
| 7 | ☐ | 1.000 | | 4362086.70 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 4288788.97 | | A | 1.0 |
| 9 | ☐ | 1.000 | | 4233187.28 | | A | 0.8 |

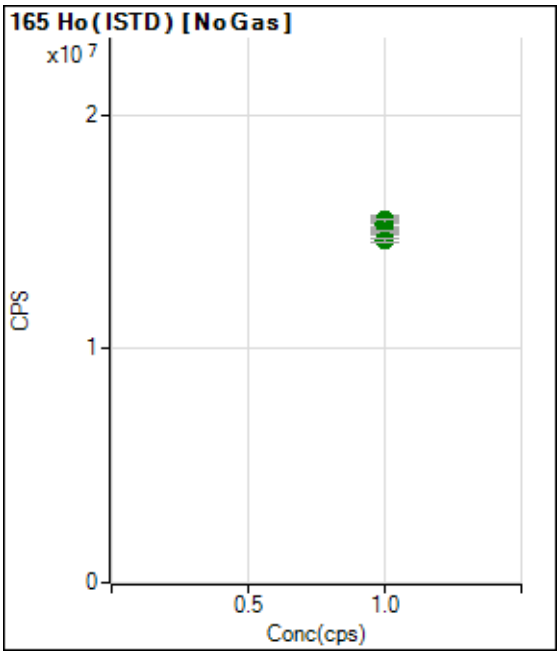



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 15557257.54 | | A | 0.5 |
| 2 | ☐ | 1.000 | | 15739112.96 | | A | 3.1 |
| 3 | ☐ | 1.000 | | 15901546.29 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 15956250.04 | | A | 1.4 |
| 5 | ☐ | 1.000 | | 15795988.37 | | A | 1.4 |
| 6 | ☐ | 1.000 | | 15864968.37 | | A | 2.2 |
| 7 | ☐ | 1.000 | | 15396063.11 | | A | 0.9 |
| 8 | ☐ | 1.000 | | 15398879.63 | | A | 0.8 |
| 9 | ☐ | 1.000 | | 14951142.14 | | A | 2.8 |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

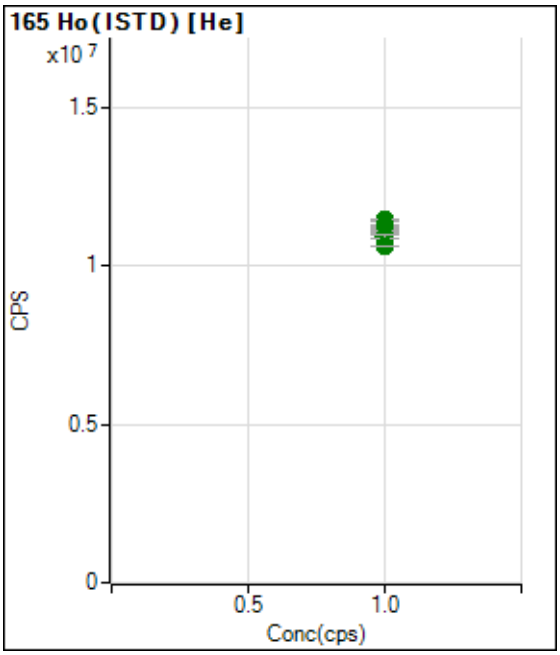



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11134491.64 | | A | 1.5 |
| 2 | ☐ | 1.000 | | 11348718.44 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 11355734.83 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 11168428.03 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 11034654.42 | | A | 0.7 |
| 6 | ☐ | 1.000 | | 10871213.03 | | A | 1.2 |
| 7 | ☐ | 1.000 | | 10758457.34 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 10836914.00 | | A | 1.4 |
| 9 | ☐ | 1.000 | | 10377935.05 | | A | 0.2 |

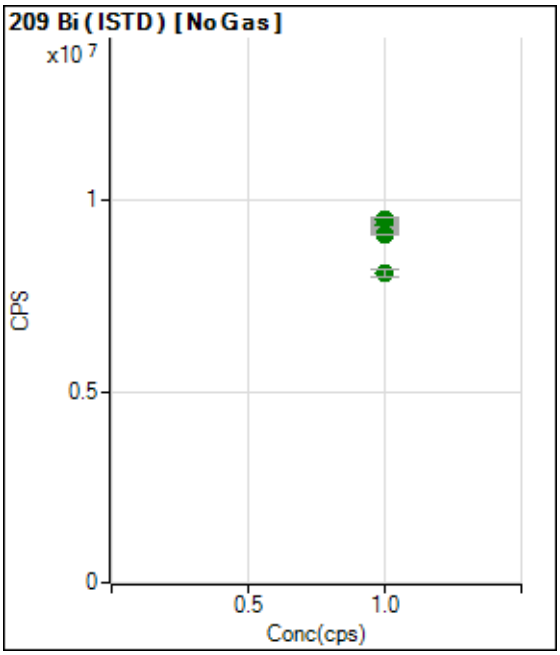



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 15049907.55 | | A | 1.2 |
| 2 | ☐ | 1.000 | | 15433620.60 | | A | 3.8 |
| 3 | ☐ | 1.000 | | 15520439.63 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 15462475.60 | | A | 0.2 |
| 5 | ☐ | 1.000 | | 15303541.02 | | A | 1.6 |
| 6 | ☐ | 1.000 | | 15404327.13 | | A | 2.0 |
| 7 | ☐ | 1.000 | | 14945162.97 | | A | 0.9 |
| 8 | ☐ | 1.000 | | 15023385.05 | | A | 0.8 |
| 9 | ☐ | 1.000 | | 14642874.36 | | A | 1.6 |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

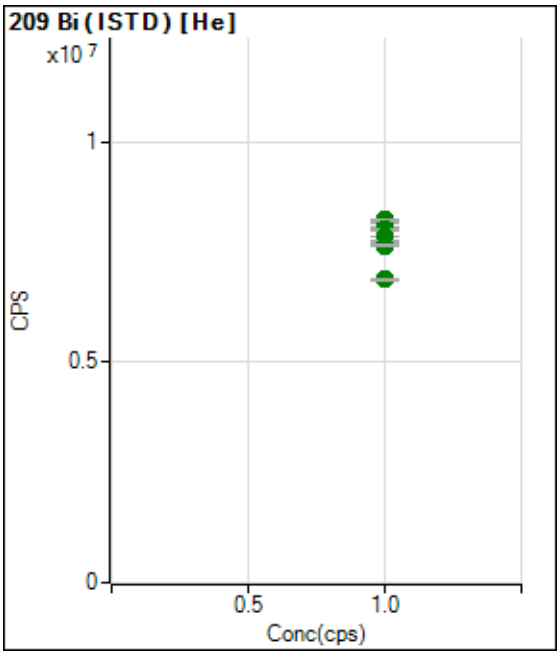



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11301950.39 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 11454861.22 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 11454848.58 | | A | 0.4 |
| 4 | ☐ | 1.000 | | 11288924.28 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 11200243.03 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 11081016.50 | | A | 1.0 |
| 7 | ☐ | 1.000 | | 10937840.67 | | A | 1.0 |
| 8 | ☐ | 1.000 | | 10942257.20 | | A | 0.9 |
| 9 | ☐ | 1.000 | | 10616400.54 | | A | 0.4 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 9125728.82 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 9298815.35 | | A | 3.2 |
| 3 | ☐ | 1.000 | | 9289061.39 | | A | 1.8 |
| 4 | ☐ | 1.000 | | 9334993.47 | | A | 1.1 |
| 5 | ☐ | 1.000 | | 9462342.22 | | A | 0.6 |
| 6 | ☐ | 1.000 | | 9487420.56 | | A | 1.9 |
| 7 | ☐ | 1.000 | | 9289463.82 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 9109079.24 | | A | 0.3 |
| 9 | ☐ | 1.000 | | 8091032.52 | | A | 2.5 |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 8042339.32 | | A | 0.2 |
| 2 | ☐ | 1.000 | | 8164720.85 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 8222814.11 | | A | 0.8 |
| 4 | ☐ | 1.000 | | 8036748.01 | | A | 0.7 |
| 5 | ☐ | 1.000 | | 7997045.58 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 7856967.04 | | A | 0.2 |
| 7 | ☐ | 1.000 | | 7737623.98 | | A | 0.9 |
| 8 | ☐ | 1.000 | | 7635777.04 | | A | 0.8 |
| 9 | ☐ | 1.000 | | 6868709.13 | | A | 1.1 |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7
ClientSampleId :TUNE002

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | Jaswal |
| **Acq/Data Batch** | D:\Agilent\ICPMH\1\DATA\P7122724 MS.b |
| **Acq. Date-Time** | 2024-12-27 14:06:19 |
| **Report Comment** | --- |
| **Instrument Name** | G8403A JP14410463 |

**[No Gas]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 9 | | 7580 | 75803.39 | | | 0.717 | 5.000 |
| 24 | | 231619 | 2316189.72 | | | 1.081 | 5.000 |
| 25 | | 27022 | 270220.07 | | | 1.000 | 5.000 |
| 26 | | 30226 | 302258.11 | | | 0.734 | 5.000 |
| 59 | | 85217 | 852172.78 | | | 0.655 | 5.000 |
| 113 | | 11634 | 116341.16 | | | 0.515 | 5.000 |
| 115 | | 147247 | 1472470.40 | | | 0.189 | 5.000 |
| 206 | | 29800 | 298000.81 | | | 0.889 | 5.000 |
| 207 | | 26070 | 260703.37 | | | 0.686 | 5.000 |
| 208 | | 62774 | 627738.82 | | | 0.739 | 5.000 |
| 220 | | 0 | 2.20 | | | 41.286 | |

| Mass | RSD% (Flag) |
|---|---|
| 9 | |
| 24 | |
| 25 | |
| 26 | |
| 59 | |
| 113 | |
| 115 | |
| 206 | |
| 207 | |
| 208 | |
| 220 | |

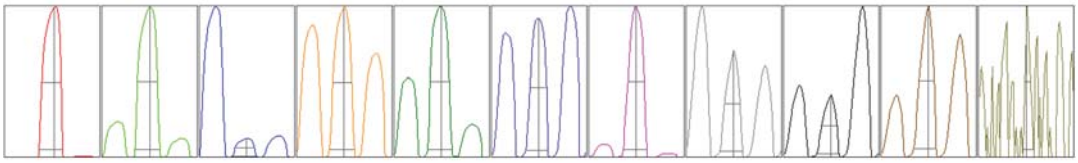
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 7587 | 7490 | 7581 | 7617 | 7628 |
| 24 | 229970 | 229225 | 232129 | 231138 | 235634 |
| 25 | 26895 | 26696 | 26967 | 27138 | 27414 |
| 26 | 30120 | 29899 | 30274 | 30382 | 30455 |
| 59 | 84592 | 84700 | 85536 | 85358 | 85900 |
| 113 | 11736 | 11576 | 11613 | 11622 | 11624 |
| 115 | 147254 | 147615 | 147353 | 147160 | 146853 |
| 206 | 30180 | 29495 | 29897 | 29813 | 29615 |
| 207 | 26366 | 25895 | 26085 | 26011 | 25995 |
| 208 | 63552 | 62615 | 62798 | 62556 | 62348 |

# US EPA Tune Check Report

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 220 | 0 | 0 | 0 | 0 | 0 |

Integration Time [sec] 0.1

**Resolution/Axis**



| Mass | Peak Height | Axis | Axis (Required) | Axis (Flag) |
|---|---|---|---|---|
| 9 | 13234.48 | 9.10 | 8.90 - 9.10 | |
| 24 | 391759.50 | 24.05 | 23.90 - 24.10 | |
| 25 | 47328.22 | 25.00 | 24.90 - 25.10 | |
| 26 | 53673.18 | 26.00 | 25.90 - 26.10 | |
| 59 | 148661.63 | 59.00 | 58.90 - 59.10 | |
| 113 | 22892.17 | 113.00 | 112.90 - 113.10 | |
| 115 | 293353.03 | 115.00 | 114.90 - 115.10 | |
| 206 | 64693.15 | 206.00 | 205.90 - 206.10 | |
| 207 | 56007.85 | 207.00 | 206.90 - 207.10 | |
| 208 | 135488.46 | 208.00 | 207.90 - 208.10 | |
| 220 | 0.50 | 220.05 | - | |

| Mass | W-50% | W-5% | W-5% (Required) | W-5% (Flag) |
|---|---|---|---|---|
| 9 | 0.60 | 0.735 | 0.900 | |
| 24 | 0.62 | 0.783 | 0.900 | |
| 25 | 0.60 | 0.756 | 0.900 | |
| 26 | 0.59 | 0.796 | 0.900 | |
| 59 | 0.59 | 0.776 | 0.900 | |
| 113 | 0.52 | 0.703 | 0.900 | |
| 115 | 0.51 | 0.753 | 0.900 | |
| 206 | 0.48 | 0.727 | 0.900 | |
| 207 | 0.48 | 0.701 | 0.900 | |
| 208 | 0.48 | 0.717 | 0.900 | |
| 220 | 0.19 | 0.335 | | |

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

**Tune Parameters**

**Plasma Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | --- | Nebulizer Gas | 0.82 L/min | Dilution Gas | 0.40 L/min |

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| RF Power | 1600 W | Option Gas | --- | Auxiliary Gas | 0.9 |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 9.0 mm | S/C Temp | 2 °C | | |

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | 0.0 V | Omega Lens | 8.0 V | Deflect | 15.8 V |
| Extract 2 | -135.0 V | Cell Entrance | -30 V | Plate Bias | -35 V |
| Omega Bias | -70 V | Cell Exit | -50 V | | |

**Cell Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | No | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |
| He Flow | 0.0 mL/min | OctP Bias | -8.0 V | | |
| H2 Flow | --- | OctP RF | 170 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 136 | Axis Gain | 0.9973 | QP Bias | -3.0 V |
| Mass Offset | 130 | Axis Offset | 0.17 | | |

**Hardware Settings**

**Torch**

| | | | | | |
|---|---|---|---|---|---|
| Torch H | 0.3 mm | Torch V | 0.4 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.7 mV | Analog HV | 2256 V | Pulse HV | 1044 V |

**[He]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 59 | | 27750 | 277502.26 | | | 0.446 | |
| 89 | | 51369 | 513686.76 | | | 0.581 | |
| 205 | | 33682 | 336823.67 | | | 0.786 | |

| Mass | RSD% (Flag) |
|---|---|
| 59 | |
| 89 | |
| 205 | |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 59 | 27880 | 27832 | 27799 | 27646 | 27593 |
| 89 | 51491 | 51588 | 51665 | 51073 | 51026 |
| 205 | 33959 | 33872 | 33779 | 33391 | 33411 |

Integration Time [sec] 0.1

**Tune Parameters**

**Plasma Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | --- | Nebulizer Gas | 0.82 L/min | Dilution Gas | 0.40 L/min |
| RF Power | 1600 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 9.0 mm | S/C Temp | 2 °C | | |

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | 0.0 V | Omega Lens | 8.9 V | Deflect | 3.2 V |

# US EPA Tune Check Report

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7
ClientSampleId :TUNE002

| | | | | | |
|---|---|---|---|---|---|
| Extract 2 | -150.0 V | Cell Entrance | -40 V | Plate Bias | -60 |
| Omega Bias | -75 V | Cell Exit | -60 V | | |

**Cell Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | Yes | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |
| He Flow | 3.9 mL/min | OctP Bias | -18.0 V | | |
| H2 Flow | --- | OctP RF | 200 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 136 | Axis Gain | 0.9973 | QP Bias | -13.0 V |
| Mass Offset | 130 | Axis Offset | 0.17 | | |

**Hardware Settings**

**Torch**

| | | | |
|---|---|---|---|
| Torch H | 0.3 mm | Torch V | 0.4 mm |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.7 mV | Analog HV | 2256 V | Pulse HV | 1044 V |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:36:11 | DataFile Name : | 003CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.02 | -0.01 | 0.03 | 0.00 | N/A | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Arsenic | 75-2 | 0.01 | 0.00 | -0.01 | 0.00 | N/A | ppb |
| Barium | 135-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Barium | 137-1 | 0.00 | -0.01 | 0.00 | 0.00 | N/A | ppb |
| Beryllium | 9-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.04 | 0.02 | 0.02 | 0.00 | N/A | ppb |
| Cadmium | 106-1 | 0.62 | 0.11 | -0.73 | 0.00 | N/A | ppb |
| Cadmium | 111-1 | 0.01 | 0.00 | -0.01 | 0.00 | N/A | ppb |
| Calcium | 43-1 | 0.61 | 0.33 | -0.94 | 0.00 | N/A | ppb |
| Calcium | 44-1 | -0.12 | -0.08 | 0.21 | 0.00 | N/A | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.02 | -0.01 | 0.00 | 0.00 | N/A | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Copper | 63-2 | 0.00 | 0.01 | -0.01 | 0.00 | N/A | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | -0.14 | -0.09 | 0.23 | 0.00 | N/A | ppb |
| Iron | 57-2 | -1.07 | 0.40 | 0.68 | 0.00 | N/A | ppb |
| Iron | 54-2 | -0.11 | 0.32 | -0.21 | 0.00 | N/A | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:36:11 | DataFile Name : | 003CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Lead | 207-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Lead | 208-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | -0.06 | -0.13 | 0.19 | 0.00 | N/A | ppb |
| Manganese | 55-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 94-1 | 0.01 | -0.02 | 0.01 | 0.00 | N/A | ppb |
| Molybdenum | 95-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 96-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 97-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.01 | -0.01 | 0.01 | 0.00 | N/A | ppb |
| Phosphorus | 31-2 | -15.18 | -12.41 | -15.23 | -14.28 | | ppb |
| Potassium | 39-2 | -1.70 | 1.45 | 0.25 | 0.00 | N/A | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | -0.08 | -0.18 | 0.27 | 0.00 | N/A | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | 0.02 | -0.42 | 0.40 | 0.00 | N/A | ppb |
| Silicon | 28-1 | -0.21 | 0.03 | 0.19 | 0.00 | N/A | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Sodium | 23-2 | 0.29 | -0.15 | -0.14 | 0.00 | N/A | ppb |
| Strontium | 86-1 | 0.02 | 0.08 | -0.10 | 0.00 | N/A | ppb |
| Strontium | 88-1 | 0.00 | -0.01 | 0.01 | 0.00 | N/A | ppb |
| Sulfur | 34-1 | -11.00 | 6.20 | -47.22 | -17.34 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Tin | 118-1 | 0.00 | 0.01 | -0.01 | 0.00 | N/A | ppb |
| Titanium | 47-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:36:11 | DataFile Name : | 003CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | -0.01 | -0.01 | 0.02 | 0.00 | N/A | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Zirconium | 91-1 | 0.00 | 0.00 | -0.01 | 0.00 | N/A | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2.53 | 2.53 | 2.39 | 2.48 | 3.36 | ppb |
| Antimony | 121-1 | 0.22 | 0.24 | 0.23 | 0.23 | 4.96 | ppb |
| Arsenic | 75-2 | 0.11 | 0.15 | 0.10 | 0.12 | 21.75 | ppb |
| Barium | 135-1 | 1.07 | 1.13 | 1.05 | 1.08 | 3.59 | ppb |
| Barium | 137-1 | 1.08 | 1.12 | 1.05 | 1.08 | 3.21 | ppb |
| Beryllium | 9-1 | 0.13 | 0.14 | 0.10 | 0.12 | 14.00 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.18 | 0.05 | 0.17 | 0.14 | 52.30 | ppb |
| Cadmium | 106-1 | 1.08 | 0.52 | 0.03 | 0.54 | 96.27 | ppb |
| Cadmium | 111-1 | Rejected | Rejected | Rejected | | | ppb |
| Calcium | 43-1 | 55.55 | 62.22 | 56.73 | 58.17 | 6.12 | ppb |
| Calcium | 44-1 | 56.79 | 62.40 | 56.58 | 58.59 | 5.64 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.18 | 0.21 | 0.19 | 0.19 | 5.58 | ppb |
| Cobalt | 59-2 | 0.12 | 0.12 | 0.11 | 0.11 | 6.17 | ppb |
| Copper | 63-2 | 0.21 | 0.23 | 0.20 | 0.21 | 6.59 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 5.42 | 5.48 | 5.29 | 5.40 | 1.77 | ppb |
| Iron | 57-2 | 5.85 | 6.37 | 5.46 | 5.89 | 7.72 | ppb |
| Iron | 54-2 | 6.37 | 5.89 | 5.63 | 5.97 | 6.29 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.11 | 0.10 | 0.10 | 0.10 | 5.92 | ppb |
| Lead | 207-1 | 0.10 | 0.10 | 0.09 | 0.10 | 3.36 | ppb |
| Lead | 208-1 | 0.10 | 0.10 | 0.10 | 0.10 | 4.91 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 52.96 | 54.11 | 53.13 | 53.40 | 1.16 | ppb |
| Manganese | 55-2 | 0.09 | 0.11 | 0.11 | 0.10 | 11.50 | ppb |
| Molybdenum | 94-1 | 0.59 | 0.66 | 0.58 | 0.61 | 7.07 | ppb |
| Molybdenum | 95-1 | 0.50 | 0.55 | 0.52 | 0.52 | 4.94 | ppb |
| Molybdenum | 96-1 | 0.53 | 0.56 | 0.54 | 0.54 | 3.24 | ppb |
| Molybdenum | 97-1 | 0.54 | 0.58 | 0.49 | 0.54 | 9.10 | ppb |
| Molybdenum | 98-1 | 0.51 | 0.56 | 0.48 | 0.51 | 7.85 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.09 | 0.14 | 0.08 | 0.10 | 30.72 | ppb |
| Phosphorus | 31-2 | -10.00 | -11.61 | -11.89 | -11.17 | | ppb |
| Potassium | 39-2 | 53.56 | 55.23 | 53.70 | 54.16 | 1.71 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 0.70 | 0.47 | 0.31 | 0.49 | 39.58 | ppb |
| Selenium | 77-2 | 0.75 | 0.76 | 0.15 | 0.56 | 63.06 | ppb |
| Selenium | 78-2 | 0.63 | -0.15 | 1.19 | 0.56 | 121.37 | ppb |
| Silicon | 28-1 | 0.44 | 1.82 | -0.16 | 0.70 | 144.56 | ppb |
| Silver | 107-1 | 0.11 | 0.11 | 0.10 | 0.11 | 5.56 | ppb |
| Silver | 109-1 | 0.10 | 0.12 | 0.11 | 0.11 | 6.69 | ppb |
| Sodium | 23-2 | 49.90 | 48.91 | 48.41 | 49.07 | 1.55 | ppb |
| Strontium | 86-1 | 2.41 | 3.13 | 2.74 | 2.76 | 12.95 | ppb |
| Strontium | 88-1 | 2.63 | 2.83 | 2.64 | 2.70 | 4.31 | ppb |
| Sulfur | 34-1 | -52.80 | 204.03 | -153.04 | -0.61 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.10 | 0.10 | 0.09 | 0.10 | 8.16 | ppb |
| Thallium | 205-1 | 0.09 | 0.10 | 0.09 | 0.10 | 5.49 | ppb |
| Tin | 118-1 | 0.58 | 0.62 | 0.57 | 0.59 | 4.26 | ppb |
| Titanium | 47-1 | 0.56 | 0.61 | 0.53 | 0.56 | 7.77 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.09 | 0.09 | 0.09 | 0.09 | 3.45 | ppb |
| Vanadium | 51-2 | 0.56 | 0.52 | 0.51 | 0.53 | 4.39 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 0.51 | 0.59 | 0.62 | 0.57 | 9.61 | ppb |
| Zirconium | 90-1 | 0.09 | 0.10 | 0.10 | 0.10 | 6.20 | ppb |
| Zirconium | 91-1 | 0.09 | 0.10 | 0.10 | 0.10 | 2.62 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:49:33 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20.01 | 19.86 | 19.31 | 19.73 | 1.87 | ppb |
| Antimony | 121-1 | 2.13 | 2.23 | 2.23 | 2.20 | 2.72 | ppb |
| Arsenic | 75-2 | 1.17 | 1.42 | 1.27 | 1.29 | 9.97 | ppb |
| Barium | 135-1 | 10.63 | 10.88 | 10.87 | 10.79 | 1.30 | ppb |
| Barium | 137-1 | 10.66 | 10.93 | 10.85 | 10.81 | 1.25 | ppb |
| Beryllium | 9-1 | 1.08 | 1.16 | 1.12 | 1.12 | 3.26 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.23 | 1.14 | 1.31 | 1.22 | 6.92 | ppb |
| Cadmium | 106-1 | 1.67 | 1.95 | 1.77 | 1.80 | 8.05 | ppb |
| Cadmium | 111-1 | 1.17 | 1.27 | 1.18 | 1.21 | 4.66 | ppb |
| Calcium | 43-1 | 539.20 | 546.16 | 547.71 | 544.36 | 0.83 | ppb |
| Calcium | 44-1 | 548.70 | 555.46 | 565.83 | 556.66 | 1.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.18 | 2.15 | 2.05 | 2.13 | 3.31 | ppb |
| Cobalt | 59-2 | 1.11 | 1.13 | 1.09 | 1.11 | 1.67 | ppb |
| Copper | 63-2 | 2.11 | 2.04 | 2.02 | 2.06 | 2.29 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 56.86 | 57.31 | 56.35 | 56.84 | 0.85 | ppb |
| Iron | 57-2 | 58.28 | 60.96 | 59.65 | 59.63 | 2.25 | ppb |
| Iron | 54-2 | 59.05 | 59.09 | 57.64 | 58.59 | 1.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:49:33 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.98 | 1.03 | 1.01 | 1.01 | 2.85 | ppb |
| Lead | 207-1 | 1.01 | 0.99 | 1.01 | 1.01 | 0.95 | ppb |
| Lead | 208-1 | 0.97 | 1.01 | 1.02 | 1.00 | 2.79 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 532.66 | 542.33 | 526.48 | 533.82 | 1.50 | ppb |
| Manganese | 55-2 | 1.05 | 1.02 | 1.01 | 1.03 | 1.73 | ppb |
| Molybdenum | 94-1 | 5.88 | 6.31 | 6.25 | 6.15 | 3.77 | ppb |
| Molybdenum | 95-1 | 5.19 | 5.26 | 5.22 | 5.23 | 0.68 | ppb |
| Molybdenum | 96-1 | 5.29 | 5.33 | 5.28 | 5.30 | 0.50 | ppb |
| Molybdenum | 97-1 | 5.28 | 5.26 | 5.31 | 5.28 | 0.52 | ppb |
| Molybdenum | 98-1 | 5.10 | 5.25 | 5.20 | 5.18 | 1.47 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.10 | 1.13 | 1.00 | 1.08 | 6.24 | ppb |
| Phosphorus | 31-2 | 26.27 | 29.28 | 20.78 | 25.44 | 16.93 | ppb |
| Potassium | 39-2 | 542.57 | 557.95 | 544.68 | 548.40 | 1.52 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 5.57 | 5.66 | 5.37 | 5.53 | 2.71 | ppb |
| Selenium | 77-2 | 6.63 | 4.75 | 4.75 | 5.37 | 20.20 | ppb |
| Selenium | 78-2 | 6.22 | 7.14 | 6.63 | 6.66 | 6.85 | ppb |
| Silicon | 28-1 | 1.02 | 1.18 | 1.25 | 1.15 | 10.14 | ppb |
| Silver | 107-1 | 1.13 | 1.13 | 1.11 | 1.12 | 1.00 | ppb |
| Silver | 109-1 | 1.09 | 1.12 | 1.15 | 1.12 | 2.50 | ppb |
| Sodium | 23-2 | 494.64 | 501.81 | 487.63 | 494.69 | 1.43 | ppb |
| Strontium | 86-1 | 26.84 | 25.78 | 27.69 | 26.77 | 3.57 | ppb |
| Strontium | 88-1 | 26.22 | 26.62 | 26.42 | 26.42 | 0.76 | ppb |
| Sulfur | 34-1 | -71.20 | 30.33 | 94.70 | 17.94 | 466.09 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 1.00 | 1.01 | 1.05 | 1.02 | 2.59 | ppb |
| Thallium | 205-1 | 0.97 | 1.03 | 1.02 | 1.01 | 2.88 | ppb |
| Tin | 118-1 | 5.58 | 5.72 | 5.58 | 5.63 | 1.45 | ppb |
| Titanium | 47-1 | 5.27 | 5.27 | 5.33 | 5.29 | 0.58 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:49:33 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.90 | 0.95 | 0.93 | 0.93 | 2.72 | ppb |
| Vanadium | 51-2 | 5.41 | 5.47 | 5.43 | 5.44 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 5.22 | 5.50 | 5.29 | 5.34 | 2.75 | ppb |
| Zirconium | 90-1 | 1.00 | 1.02 | 1.00 | 1.01 | 1.41 | ppb |
| Zirconium | 91-1 | 0.96 | 1.07 | 1.03 | 1.02 | 5.51 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 989.98 | 990.42 | 988.12 | 989.51 | 0.12 | ppb |
| Antimony | 121-1 | 53.39 | 52.48 | 53.85 | 53.24 | 1.31 | ppb |
| Arsenic | 75-2 | 55.44 | 54.46 | 55.31 | 55.07 | 0.97 | ppb |
| Barium | 135-1 | 258.91 | 258.11 | 265.02 | 260.68 | 1.45 | ppb |
| Barium | 137-1 | 262.12 | 262.17 | 269.53 | 264.61 | 1.61 | ppb |
| Beryllium | 9-1 | 53.59 | 53.52 | 54.37 | 53.83 | 0.88 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 57.63 | 56.47 | 58.45 | 57.52 | 1.73 | ppb |
| Cadmium | 106-1 | 59.88 | 58.57 | 59.01 | 59.15 | 1.13 | ppb |
| Cadmium | 111-1 | 55.21 | 55.28 | 56.51 | 55.67 | 1.31 | ppb |
| Calcium | 43-1 | 5432.41 | 5415.55 | 5612.40 | 5486.79 | 1.99 | ppb |
| Calcium | 44-1 | 5290.03 | 5267.50 | 5391.66 | 5316.40 | 1.24 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 51.70 | 51.99 | 51.76 | 51.82 | 0.30 | ppb |
| Cobalt | 59-2 | 51.96 | 52.18 | 52.00 | 52.05 | 0.23 | ppb |
| Copper | 63-2 | 551.93 | 548.22 | 542.19 | 547.45 | 0.90 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 2749.16 | 2724.96 | 2741.56 | 2738.56 | 0.45 | ppb |
| Iron | 57-2 | 2750.75 | 2764.99 | 2765.96 | 2760.57 | 0.31 | ppb |
| Iron | 54-2 | 2789.36 | 2805.58 | 2805.55 | 2800.16 | 0.33 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 253.15 | 262.39 | 255.50 | 257.01 | 1.87 | ppb |
| Lead | 207-1 | 258.35 | 259.67 | 254.93 | 257.65 | 0.95 | ppb |
| Lead | 208-1 | 256.71 | 261.50 | 257.85 | 258.69 | 0.97 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 5224.83 | 5261.50 | 5243.89 | 5243.41 | 0.35 | ppb |
| Manganese | 55-2 | 523.05 | 528.65 | 522.05 | 524.58 | 0.68 | ppb |
| Molybdenum | 94-1 | 529.29 | 523.23 | 519.46 | 523.99 | 0.95 | ppb |
| Molybdenum | 95-1 | 529.49 | 520.20 | 523.72 | 524.47 | 0.89 | ppb |
| Molybdenum | 96-1 | 523.59 | 524.56 | 523.64 | 523.93 | 0.10 | ppb |
| Molybdenum | 97-1 | 528.12 | 524.77 | 535.18 | 529.36 | 1.00 | ppb |
| Molybdenum | 98-1 | 522.09 | 520.60 | 523.57 | 522.09 | 0.29 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 53.78 | 53.54 | 53.91 | 53.74 | 0.35 | ppb |
| Phosphorus | 31-2 | 1063.60 | 1099.63 | 1062.08 | 1075.10 | 1.98 | ppb |
| Potassium | 39-2 | 2641.06 | 2624.07 | 2672.66 | 2645.93 | 0.93 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 54.54 | 56.14 | 56.08 | 55.59 | 1.63 | ppb |
| Selenium | 77-2 | 58.79 | 55.91 | 56.20 | 56.97 | 2.78 | ppb |
| Selenium | 78-2 | 56.48 | 53.72 | 58.00 | 56.07 | 3.87 | ppb |
| Silicon | 28-1 | 62.95 | 62.31 | 64.32 | 63.19 | 1.63 | ppb |
| Silver | 107-1 | 57.03 | 56.46 | 58.26 | 57.25 | 1.61 | ppb |
| Silver | 109-1 | 56.65 | 56.49 | 57.96 | 57.03 | 1.41 | ppb |
| Sodium | 23-2 | 5223.93 | 5288.54 | 5253.17 | 5255.21 | 0.62 | ppb |
| Strontium | 86-1 | 1274.03 | 1286.46 | 1283.82 | 1281.44 | 0.51 | ppb |
| Strontium | 88-1 | 1324.15 | 1316.76 | 1331.98 | 1324.29 | 0.57 | ppb |
| Sulfur | 34-1 | 1095.85 | 1029.41 | 1168.33 | 1097.86 | 6.33 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 49.11 | 50.35 | 49.89 | 49.78 | 1.26 | ppb |
| Thallium | 205-1 | 48.88 | 50.39 | 49.43 | 49.56 | 1.54 | ppb |
| Tin | 118-1 | 53.67 | 53.16 | 54.91 | 53.91 | 1.66 | ppb |
| Titanium | 47-1 | 509.08 | 507.22 | 519.30 | 511.87 | 1.27 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 47.78 | 50.10 | 48.93 | 48.93 | 2.37 | ppb |
| Vanadium | 51-2 | 51.73 | 51.44 | 51.50 | 51.56 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 526.01 | 529.66 | 529.89 | 528.52 | 0.41 | ppb |
| Zirconium | 90-1 | 50.78 | 51.12 | 50.84 | 50.91 | 0.35 | ppb |
| Zirconium | 91-1 | 50.89 | 51.36 | 51.55 | 51.27 | 0.66 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:55:56 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2402.39 | 2373.71 | 2362.59 | 2379.56 | 0.86 | ppb |
| Antimony | 121-1 | 124.36 | 126.71 | 126.64 | 125.90 | 1.06 | ppb |
| Arsenic | 75-2 | 131.53 | 129.67 | 130.51 | 130.57 | 0.71 | ppb |
| Barium | 135-1 | 638.24 | 653.45 | 661.22 | 650.97 | 1.80 | ppb |
| Barium | 137-1 | 642.01 | 651.97 | 654.89 | 649.62 | 1.04 | ppb |
| Beryllium | 9-1 | 127.96 | 128.29 | 129.73 | 128.66 | 0.73 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 133.68 | 136.47 | 136.30 | 135.48 | 1.16 | ppb |
| Cadmium | 106-1 | 132.68 | 139.20 | 136.52 | 136.13 | 2.41 | ppb |
| Cadmium | 111-1 | 129.70 | 131.38 | 132.43 | 131.17 | 1.05 | ppb |
| Calcium | 43-1 | 13057.49 | 13258.71 | 13259.10 | 13191.77 | 0.88 | ppb |
| Calcium | 44-1 | 12909.46 | 12912.44 | 12785.93 | 12869.28 | 0.56 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 125.16 | 123.84 | 123.54 | 124.18 | 0.69 | ppb |
| Cobalt | 59-2 | 125.03 | 125.43 | 124.32 | 124.93 | 0.45 | ppb |
| Copper | 63-2 | 1318.65 | 1297.54 | 1290.68 | 1302.29 | 1.12 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 6599.57 | 6504.92 | 6514.54 | 6539.67 | 0.80 | ppb |
| Iron | 57-2 | 6663.56 | 6646.13 | 6581.22 | 6630.30 | 0.65 | ppb |
| Iron | 54-2 | 6667.98 | 6654.08 | 6674.66 | 6665.57 | 0.16 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:55:56 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 622.24 | 627.77 | 615.98 | 622.00 | 0.95 | ppb |
| Lead | 207-1 | 627.75 | 615.62 | 620.84 | 621.40 | 0.98 | ppb |
| Lead | 208-1 | 623.06 | 619.75 | 622.08 | 621.63 | 0.27 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 12409.87 | 12427.24 | 12412.63 | 12416.58 | 0.08 | ppb |
| Manganese | 55-2 | 1249.99 | 1253.61 | 1247.13 | 1250.24 | 0.26 | ppb |
| Molybdenum | 94-1 | 1280.65 | 1259.54 | 1224.23 | 1254.81 | 2.27 | ppb |
| Molybdenum | 95-1 | 1277.18 | 1271.46 | 1226.72 | 1258.45 | 2.20 | ppb |
| Molybdenum | 96-1 | 1275.73 | 1267.01 | 1245.31 | 1262.68 | 1.24 | ppb |
| Molybdenum | 97-1 | 1281.33 | 1264.56 | 1244.04 | 1263.31 | 1.48 | ppb |
| Molybdenum | 98-1 | 1276.77 | 1258.92 | 1245.21 | 1260.30 | 1.26 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 128.27 | 125.80 | 125.94 | 126.67 | 1.09 | ppb |
| Phosphorus | 31-2 | 2582.66 | 2611.59 | 2512.44 | 2568.90 | 1.98 | ppb |
| Potassium | 39-2 | 6325.51 | 6234.52 | 6249.73 | 6269.92 | 0.78 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 129.88 | 132.19 | 130.13 | 130.73 | 0.97 | ppb |
| Selenium | 77-2 | 133.00 | 135.37 | 128.16 | 132.18 | 2.78 | ppb |
| Selenium | 78-2 | 130.93 | 137.92 | 131.72 | 133.52 | 2.87 | ppb |
| Silicon | 28-1 | 138.64 | 141.03 | 138.58 | 139.42 | 1.00 | ppb |
| Silver | 107-1 | 135.94 | 136.54 | 138.44 | 136.97 | 0.95 | ppb |
| Silver | 109-1 | 137.35 | 136.67 | 138.22 | 137.42 | 0.56 | ppb |
| Sodium | 23-2 | 12500.61 | 12451.26 | 12447.38 | 12466.42 | 0.24 | ppb |
| Strontium | 86-1 | 3106.98 | 3096.74 | 3033.75 | 3079.16 | 1.29 | ppb |
| Strontium | 88-1 | 3158.69 | 3164.12 | 3164.20 | 3162.34 | 0.10 | ppb |
| Sulfur | 34-1 | 2596.83 | 2587.83 | 2591.12 | 2591.92 | 0.18 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 117.70 | 118.51 | 119.13 | 118.45 | 0.60 | ppb |
| Thallium | 205-1 | 124.43 | 124.40 | 124.51 | 124.45 | 0.05 | ppb |
| Tin | 118-1 | 125.61 | 127.85 | 128.61 | 127.36 | 1.22 | ppb |
| Titanium | 47-1 | 1263.19 | 1285.19 | 1258.54 | 1268.97 | 1.12 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:55:56 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 118.99 | 117.37 | 119.66 | 118.67 | 0.99 | ppb |
| Vanadium | 51-2 | 124.31 | 123.31 | 122.79 | 123.47 | 0.62 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 1282.37 | 1267.26 | 1266.73 | 1272.12 | 0.70 | ppb |
| Zirconium | 90-1 | 125.89 | 127.28 | 126.65 | 126.61 | 0.55 | ppb |
| Zirconium | 91-1 | 123.60 | 122.60 | 121.85 | 122.69 | 0.72 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:58:53 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5033.80 | 4965.76 | 4880.71 | 4960.09 | 1.55 | ppb |
| Antimony | 121-1 | 244.45 | 252.44 | 259.75 | 252.22 | 3.03 | ppb |
| Arsenic | 75-2 | 256.57 | 256.04 | 255.81 | 256.14 | 0.15 | ppb |
| Barium | 135-1 | 1228.47 | 1244.10 | 1284.03 | 1252.20 | 2.29 | ppb |
| Barium | 137-1 | 1229.27 | 1274.77 | 1296.98 | 1267.01 | 2.72 | ppb |
| Beryllium | 9-1 | 236.40 | 246.70 | 256.09 | 246.39 | 4.00 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 252.22 | 266.41 | 265.75 | 261.46 | 3.06 | ppb |
| Cadmium | 106-1 | 248.63 | 262.99 | 267.46 | 259.69 | 3.79 | ppb |
| Cadmium | 111-1 | 244.64 | 256.32 | 257.42 | 252.79 | 2.80 | ppb |
| Calcium | 43-1 | 25061.00 | 25943.75 | 26255.99 | 25753.58 | 2.41 | ppb |
| Calcium | 44-1 | 24516.44 | 25340.76 | 25779.18 | 25212.12 | 2.54 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 245.49 | 247.11 | 245.15 | 245.92 | 0.43 | ppb |
| Cobalt | 59-2 | 253.07 | 255.78 | 252.94 | 253.93 | 0.63 | ppb |
| Copper | 63-2 | 2585.11 | 2587.04 | 2575.52 | 2582.56 | 0.24 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 13007.53 | 13169.15 | 12983.25 | 13053.31 | 0.77 | ppb |
| Iron | 57-2 | 13291.77 | 13051.88 | 13085.39 | 13143.02 | 0.99 | ppb |
| Iron | 54-2 | 13372.47 | 13207.93 | 13233.59 | 13271.33 | 0.67 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:58:53 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1188.92 | 1248.38 | 1250.85 | 1229.38 | 2.85 | ppb |
| Lead | 207-1 | 1177.38 | 1256.98 | 1244.86 | 1226.41 | 3.50 | ppb |
| Lead | 208-1 | 1179.24 | 1247.02 | 1246.98 | 1224.41 | 3.20 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 24868.48 | 25027.43 | 25129.39 | 25008.43 | 0.53 | ppb |
| Manganese | 55-2 | 2504.74 | 2517.92 | 2476.37 | 2499.68 | 0.85 | ppb |
| Molybdenum | 94-1 | 2435.82 | 2488.76 | 2496.96 | 2473.85 | 1.34 | ppb |
| Molybdenum | 95-1 | 2396.64 | 2526.86 | 2494.00 | 2472.50 | 2.74 | ppb |
| Molybdenum | 96-1 | 2421.50 | 2539.74 | 2511.76 | 2491.00 | 2.48 | ppb |
| Molybdenum | 97-1 | 2414.34 | 2518.41 | 2508.31 | 2480.35 | 2.31 | ppb |
| Molybdenum | 98-1 | 2415.47 | 2500.17 | 2488.84 | 2468.16 | 1.86 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 250.59 | 250.18 | 249.66 | 250.14 | 0.19 | ppb |
| Phosphorus | 31-2 | 5098.25 | 5208.70 | 4987.32 | 5098.09 | 2.17 | ppb |
| Potassium | 39-2 | 12653.57 | 12457.11 | 12493.27 | 12534.65 | 0.83 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 250.06 | 260.85 | 259.60 | 256.83 | 2.30 | ppb |
| Selenium | 77-2 | 272.89 | 252.77 | 267.55 | 264.40 | 3.94 | ppb |
| Selenium | 78-2 | 262.75 | 265.60 | 258.60 | 262.32 | 1.34 | ppb |
| Silicon | 28-1 | 258.31 | 264.98 | 270.22 | 264.50 | 2.26 | ppb |
| Silver | 107-1 | 254.02 | 262.22 | 265.57 | 260.60 | 2.28 | ppb |
| Silver | 109-1 | 256.55 | 265.48 | 264.71 | 262.25 | 1.89 | ppb |
| Sodium | 23-2 | 25097.90 | 25348.89 | 25105.48 | 25184.09 | 0.57 | ppb |
| Strontium | 86-1 | 5862.32 | 6127.05 | 6111.22 | 6033.53 | 2.46 | ppb |
| Strontium | 88-1 | 6055.95 | 6308.38 | 6254.49 | 6206.27 | 2.14 | ppb |
| Sulfur | 34-1 | 4622.45 | 4830.99 | 4919.67 | 4791.04 | 3.18 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 238.84 | 255.16 | 250.80 | 248.27 | 3.40 | ppb |
| Thallium | 205-1 | 241.63 | 249.42 | 251.95 | 247.67 | 2.17 | ppb |
| Tin | 118-1 | 245.99 | 255.02 | 258.60 | 253.20 | 2.57 | ppb |
| Titanium | 47-1 | 2366.25 | 2472.22 | 2513.94 | 2450.80 | 3.11 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:58:53 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 229.80 | 244.83 | 243.71 | 239.44 | 3.50 | ppb |
| Vanadium | 51-2 | 244.52 | 245.71 | 244.46 | 244.90 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 2583.12 | 2592.17 | 2554.02 | 2576.44 | 0.77 | ppb |
| Zirconium | 90-1 | 240.55 | 250.34 | 246.62 | 245.84 | 2.01 | ppb |
| Zirconium | 91-1 | 233.44 | 246.07 | 246.78 | 242.10 | 3.10 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10099.10 | 10002.48 | 9913.20 | 10004.93 | 0.93 | ppb |
| Antimony | 121-1 | 505.03 | 518.39 | 510.90 | 511.44 | 1.31 | ppb |
| Arsenic | 75-2 | 506.91 | 506.77 | 503.55 | 505.75 | 0.38 | ppb |
| Barium | 135-1 | 2507.83 | 2554.70 | 2536.47 | 2533.00 | 0.93 | ppb |
| Barium | 137-1 | 2498.15 | 2547.34 | 2518.72 | 2521.40 | 0.98 | ppb |
| Beryllium | 9-1 | 488.86 | 494.44 | 486.92 | 490.08 | 0.80 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 506.26 | 517.56 | 516.51 | 513.44 | 1.22 | ppb |
| Cadmium | 106-1 | 510.69 | 521.96 | 510.92 | 514.53 | 1.25 | ppb |
| Cadmium | 111-1 | 495.99 | 508.05 | 499.65 | 501.23 | 1.23 | ppb |
| Calcium | 43-1 | 51205.17 | 51313.24 | 51385.31 | 51301.24 | 0.18 | ppb |
| Calcium | 44-1 | 51206.22 | 51588.90 | 51703.26 | 51499.46 | 0.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 507.46 | 509.29 | 510.94 | 509.23 | 0.34 | ppb |
| Cobalt | 59-2 | 508.63 | 506.46 | 510.05 | 508.38 | 0.36 | ppb |
| Copper | 63-2 | 5136.22 | 5052.59 | 5117.82 | 5102.21 | 0.86 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 87 | | % |
| Iron | 56-2 | 26390.89 | 26354.47 | 26446.87 | 26397.41 | 0.18 | ppb |
| Iron | 57-2 | 26790.32 | 26029.99 | 26383.06 | 26401.12 | 1.44 | ppb |
| Iron | 54-2 | 26650.71 | 26568.90 | 26674.74 | 26631.45 | 0.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2462.51 | 2521.33 | 2528.21 | 2504.02 | 1.44 | ppb |
| Lead | 207-1 | 2480.92 | 2524.12 | 2517.91 | 2507.65 | 0.93 | ppb |
| Lead | 208-1 | 2483.77 | 2522.95 | 2520.12 | 2508.95 | 0.87 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 50282.89 | 50047.76 | 49803.76 | 50044.80 | 0.48 | ppb |
| Manganese | 55-2 | 5073.41 | 5064.99 | 5088.25 | 5075.55 | 0.23 | ppb |
| Molybdenum | 94-1 | 5013.39 | 5043.97 | 5024.03 | 5027.13 | 0.31 | ppb |
| Molybdenum | 95-1 | 5050.28 | 5065.37 | 4993.32 | 5036.32 | 0.75 | ppb |
| Molybdenum | 96-1 | 5058.55 | 5090.63 | 5007.36 | 5052.18 | 0.83 | ppb |
| Molybdenum | 97-1 | 5061.00 | 5031.27 | 4985.20 | 5025.82 | 0.76 | ppb |
| Molybdenum | 98-1 | 5066.05 | 5082.12 | 5031.31 | 5059.83 | 0.51 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 498.72 | 492.87 | 495.69 | 495.76 | 0.59 | ppb |
| Phosphorus | 31-2 | 10148.70 | 10245.33 | 10083.58 | 10159.20 | 0.80 | ppb |
| Potassium | 39-2 | 25129.51 | 25201.22 | 25157.74 | 25162.82 | 0.14 | ppb |
| Rhodium | 103-1 | | | | 90 | | % |
| Rhodium | 103-2 | | | | 87 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 514.69 | 512.43 | 508.97 | 512.03 | 0.56 | ppb |
| Selenium | 77-2 | 516.84 | 515.25 | 499.67 | 510.59 | 1.86 | ppb |
| Selenium | 78-2 | 511.02 | 519.71 | 506.28 | 512.34 | 1.33 | ppb |
| Silicon | 28-1 | 528.06 | 522.91 | 517.19 | 522.72 | 1.04 | ppb |
| Silver | 107-1 | 508.37 | 523.51 | 511.86 | 514.58 | 1.54 | ppb |
| Silver | 109-1 | 509.97 | 524.38 | 509.17 | 514.50 | 1.66 | ppb |
| Sodium | 23-2 | 50618.55 | 50316.54 | 50423.57 | 50452.89 | 0.30 | ppb |
| Strontium | 86-1 | 12603.33 | 12518.24 | 12926.96 | 12682.84 | 1.70 | ppb |
| Strontium | 88-1 | 12650.87 | 12578.82 | 12647.54 | 12625.74 | 0.32 | ppb |
| Sulfur | 34-1 | 10019.34 | 10020.16 | 9996.69 | 10012.06 | 0.13 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 498.56 | 508.72 | 493.12 | 500.13 | 1.58 | ppb |
| Thallium | 205-1 | 493.30 | 507.80 | 502.37 | 501.16 | 1.46 | ppb |
| Tin | 118-1 | 503.91 | 511.62 | 513.23 | 509.59 | 0.98 | ppb |
| Titanium | 47-1 | 4979.84 | 5052.83 | 5026.17 | 5019.61 | 0.74 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 491.92 | 500.64 | 495.38 | 495.98 | 0.88 | ppb |
| Vanadium | 51-2 | 514.81 | 503.30 | 510.56 | 509.56 | 1.14 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 87 | | % |
| Zinc | 66-2 | 5142.20 | 5118.32 | 5174.12 | 5144.88 | 0.54 | ppb |
| Zirconium | 90-1 | 502.98 | 500.23 | 501.55 | 501.59 | 0.27 | ppb |
| Zirconium | 91-1 | 503.14 | 513.17 | 497.86 | 504.72 | 1.54 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:04:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19553.87 | 19553.06 | 19400.04 | 19502.33 | 0.45 | ppb |
| Antimony | 121-1 | 985.53 | 993.66 | 1001.16 | 993.45 | 0.79 | ppb |
| Arsenic | 75-2 | 994.74 | 1002.32 | 986.87 | 994.64 | 0.78 | ppb |
| Barium | 135-1 | 4919.17 | 4985.13 | 5033.20 | 4979.17 | 1.15 | ppb |
| Barium | 137-1 | 4911.83 | 5008.13 | 5023.74 | 4981.24 | 1.22 | ppb |
| Beryllium | 9-1 | 1014.83 | 998.00 | 1002.81 | 1005.21 | 0.86 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 977.83 | 984.44 | 1003.92 | 988.73 | 1.37 | ppb |
| Cadmium | 106-1 | 977.41 | 990.50 | 997.48 | 988.46 | 1.03 | ppb |
| Cadmium | 111-1 | 978.76 | 1001.53 | 1012.61 | 997.63 | 1.73 | ppb |
| Calcium | 43-1 | 101271.49 | 102522.65 | 103168.07 | 102320.74 | 0.94 | ppb |
| Calcium | 44-1 | 101675.81 | 101433.02 | 102159.17 | 101756.00 | 0.36 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 987.80 | 998.81 | 1002.64 | 996.42 | 0.77 | ppb |
| Cobalt | 59-2 | 995.79 | 995.94 | 992.47 | 994.73 | 0.20 | ppb |
| Copper | 63-2 | 9895.32 | 9975.43 | 9887.30 | 9919.35 | 0.49 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 89 | | % |
| Indium | 115-2 | | | | 86 | | % |
| Iron | 56-2 | 51417.99 | 51962.79 | 51536.35 | 51639.04 | 0.55 | ppb |
| Iron | 57-2 | 51619.85 | 52635.33 | 51935.27 | 52063.48 | 1.00 | ppb |
| Iron | 54-2 | 52122.49 | 52683.85 | 52109.56 | 52305.30 | 0.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:04:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4971.89 | 5020.05 | 5017.57 | 5003.17 | 0.54 | ppb |
| Lead | 207-1 | 4964.39 | 5051.27 | 4990.76 | 5002.14 | 0.89 | ppb |
| Lead | 208-1 | 4975.43 | 5031.43 | 4998.88 | 5001.91 | 0.56 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 98137.50 | 99127.83 | 97908.79 | 98391.38 | 0.66 | ppb |
| Manganese | 55-2 | 9931.42 | 10024.69 | 9927.02 | 9961.05 | 0.55 | ppb |
| Molybdenum | 94-1 | 9894.14 | 10078.99 | 10000.39 | 9991.17 | 0.93 | ppb |
| Molybdenum | 95-1 | 9812.98 | 10071.90 | 10074.43 | 9986.43 | 1.50 | ppb |
| Molybdenum | 96-1 | 9851.22 | 10018.95 | 10049.96 | 9973.38 | 1.07 | ppb |
| Molybdenum | 97-1 | 9881.36 | 10069.83 | 10015.41 | 9988.87 | 0.97 | ppb |
| Molybdenum | 98-1 | 9824.74 | 10095.19 | 10007.04 | 9975.66 | 1.38 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 989.94 | 1007.30 | 1007.83 | 1001.69 | 1.02 | ppb |
| Phosphorus | 31-2 | 19901.24 | 19957.90 | 19791.39 | 19883.51 | 0.43 | ppb |
| Potassium | 39-2 | 49026.55 | 50145.07 | 49216.03 | 49462.55 | 1.21 | ppb |
| Rhodium | 103-1 | | | | 86 | | % |
| Rhodium | 103-2 | | | | 85 | | % |
| Scandium | 45-1 | | | | 86 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 976.86 | 992.94 | 1004.03 | 991.28 | 1.38 | ppb |
| Selenium | 77-2 | 977.83 | 1000.81 | 990.94 | 989.86 | 1.16 | ppb |
| Selenium | 78-2 | 985.77 | 992.12 | 990.24 | 989.38 | 0.33 | ppb |
| Silicon | 28-1 | 980.75 | 987.33 | 979.84 | 982.64 | 0.42 | ppb |
| Silver | 107-1 | 978.35 | 989.67 | 996.57 | 988.20 | 0.93 | ppb |
| Silver | 109-1 | 975.12 | 992.09 | 996.13 | 987.78 | 1.13 | ppb |
| Sodium | 23-2 | 99740.99 | 101074.08 | 99640.40 | 100151.82 | 0.80 | ppb |
| Strontium | 86-1 | 24685.19 | 25086.11 | 25129.26 | 24966.85 | 0.98 | ppb |
| Strontium | 88-1 | 24599.43 | 25054.37 | 25165.23 | 24939.68 | 1.20 | ppb |
| Sulfur | 34-1 | 20020.03 | 19940.86 | 20128.58 | 20029.82 | 0.47 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 992.60 | 1000.05 | 1010.94 | 1001.20 | 0.92 | ppb |
| Thallium | 205-1 | 999.25 | 994.46 | 1006.58 | 1000.10 | 0.61 | ppb |
| Tin | 118-1 | 987.68 | 989.46 | 1004.59 | 993.91 | 0.94 | ppb |
| Titanium | 47-1 | 9886.97 | 10059.14 | 10052.47 | 9999.53 | 0.98 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:04:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 996.14 | 1007.05 | 1013.29 | 1005.49 | 0.86 | ppb |
| Vanadium | 51-2 | 987.13 | 1002.90 | 999.80 | 996.61 | 0.84 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 87 | | % |
| Zinc | 66-2 | 9777.66 | 10002.05 | 9933.06 | 9904.26 | 1.16 | ppb |
| Zirconium | 90-1 | 985.97 | 1006.17 | 1007.87 | 1000.00 | 1.22 | ppb |
| Zirconium | 91-1 | 982.21 | 1001.98 | 1015.33 | 999.84 | 1.67 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:07:16 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 100596.08 | 100233.97 | 99482.42 | 100104.15 | 0.57 | ppb |
| Antimony | 121-1 | 0.71 | 0.65 | 0.61 | 0.66 | 7.57 | ppb |
| Arsenic | 75-2 | 0.70 | 0.59 | 0.80 | 0.70 | 15.08 | ppb |
| Barium | 135-1 | 2.53 | 2.32 | 2.22 | 2.36 | 6.70 | ppb |
| Barium | 137-1 | 2.56 | 2.44 | 2.27 | 2.43 | 6.06 | ppb |
| Beryllium | 9-1 | 0.35 | 0.31 | 0.29 | 0.32 | 9.26 | ppb |
| Bismuth | 209-1 | | | | 89 | | % |
| Bismuth | 209-2 | | | | 85 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.64 | 0.37 | 0.49 | 0.50 | 27.99 | ppb |
| Cadmium | 106-1 | -0.54 | 0.57 | 0.52 | 0.19 | 338.53 | ppb |
| Cadmium | 111-1 | 0.23 | 0.20 | 0.20 | 0.21 | 9.12 | ppb |
| Calcium | 43-1 | 477830.69 | 508937.24 | 511269.59 | 499345.84 | 3.74 | ppb |
| Calcium | 44-1 | 481298.14 | 510077.41 | 507051.84 | 499475.79 | 3.17 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1.15 | 1.24 | 1.14 | 1.17 | 4.57 | ppb |
| Cobalt | 59-2 | 2.59 | 2.64 | 2.64 | 2.62 | 1.08 | ppb |
| Copper | 63-2 | 2.50 | 2.36 | 2.35 | 2.40 | 3.47 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 97 | | % |
| Holmium | 165-2 | | | | 94 | | % |
| Indium | 115-1 | | | | 86 | | % |
| Indium | 115-2 | | | | 85 | | % |
| Iron | 56-2 | 250820.51 | 248493.75 | 249171.21 | 249495.16 | 0.48 | ppb |
| Iron | 57-2 | 251403.26 | 248476.28 | 248329.23 | 249402.92 | 0.70 | ppb |
| Iron | 54-2 | 252192.31 | 248810.79 | 246968.41 | 249323.84 | 1.06 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:07:16 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.99 | 1.83 | 1.66 | 1.83 | 8.95 | ppb |
| Lead | 207-1 | 1.98 | 1.75 | 1.63 | 1.79 | 9.95 | ppb |
| Lead | 208-1 | 1.95 | 1.78 | 1.65 | 1.79 | 8.50 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 504851.60 | 500509.06 | 495588.65 | 500316.44 | 0.93 | ppb |
| Manganese | 55-2 | 4.72 | 4.70 | 4.54 | 4.65 | 2.16 | ppb |
| Molybdenum | 94-1 | 3.47 | 3.08 | 2.71 | 3.09 | 12.21 | ppb |
| Molybdenum | 95-1 | 2.59 | 2.10 | 1.80 | 2.16 | 18.42 | ppb |
| Molybdenum | 96-1 | 4.10 | 3.66 | 3.33 | 3.70 | 10.40 | ppb |
| Molybdenum | 97-1 | 2.67 | 2.14 | 1.80 | 2.20 | 19.84 | ppb |
| Molybdenum | 98-1 | 2.52 | 2.04 | 1.68 | 2.08 | 20.18 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 4.36 | 4.64 | 4.46 | 4.49 | 3.15 | ppb |
| Phosphorus | 31-2 | -1.65 | -0.89 | -4.12 | -2.22 | | ppb |
| Potassium | 39-2 | 251930.40 | 248404.42 | 249927.45 | 250087.42 | 0.71 | ppb |
| Rhodium | 103-1 | | | | 81 | | % |
| Rhodium | 103-2 | | | | 80 | | % |
| Scandium | 45-1 | | | | 87 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 1.41 | 1.01 | 1.42 | 1.28 | 18.05 | ppb |
| Selenium | 77-2 | 0.71 | 0.53 | 0.52 | 0.59 | 18.40 | ppb |
| Selenium | 78-2 | -0.25 | -0.89 | -0.17 | -0.44 | | ppb |
| Silicon | 28-1 | -1.66 | -0.93 | -1.40 | -1.33 | | ppb |
| Silver | 107-1 | 0.26 | 0.21 | 0.18 | 0.22 | 19.20 | ppb |
| Silver | 109-1 | 0.25 | 0.20 | 0.18 | 0.21 | 16.57 | ppb |
| Sodium | 23-2 | 504187.53 | 498406.35 | 497146.43 | 499913.43 | 0.75 | ppb |
| Strontium | 86-1 | 71.14 | 75.88 | 74.25 | 73.75 | 3.26 | ppb |
| Strontium | 88-1 | 73.50 | 74.26 | 73.45 | 73.73 | 0.62 | ppb |
| Sulfur | 34-1 | -447.01 | -203.26 | -152.15 | -267.47 | | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 93 | | % |
| Thallium | 203-1 | 0.22 | 0.18 | 0.16 | 0.19 | 17.48 | ppb |
| Thallium | 205-1 | 0.24 | 0.18 | 0.16 | 0.19 | 21.23 | ppb |
| Tin | 118-1 | 0.34 | 0.29 | 0.24 | 0.29 | 15.88 | ppb |
| Titanium | 47-1 | 2.21 | 1.80 | 1.57 | 1.86 | 17.46 | ppb |

Reviewed By:Mohan
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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:07:16 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.20 | 0.15 | 0.13 | 0.16 | 24.47 | ppb |
| Vanadium | 51-2 | 0.23 | 0.23 | 0.19 | 0.22 | 10.71 | ppb |
| Yttrium | 89-1 | | | | 90 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 13.87 | 14.12 | 13.70 | 13.90 | 1.51 | ppb |
| Zirconium | 90-1 | 0.67 | 0.69 | 0.63 | 0.66 | 4.86 | ppb |
| Zirconium | 91-1 | 0.68 | 0.64 | 0.61 | 0.64 | 5.44 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICV002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 483.83 | 483.19 | 480.83 | 482.62 | 0.33 | ppb |
| Antimony | 121-1 | 213.29 | 217.84 | 218.70 | 216.61 | 1.34 | ppb |
| Arsenic | 75-2 | 218.95 | 218.65 | 215.58 | 217.73 | 0.86 | ppb |
| Barium | 135-1 | 100.55 | 102.84 | 101.85 | 101.74 | 1.13 | ppb |
| Barium | 137-1 | 101.78 | 105.08 | 104.36 | 103.74 | 1.67 | ppb |
| Beryllium | 9-1 | 107.83 | 104.73 | 108.05 | 106.87 | 1.74 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 122.74 | 125.75 | 124.97 | 124.49 | 1.25 | ppb |
| Cadmium | 106-1 | 94.24 | 95.11 | 94.45 | 94.60 | 0.48 | ppb |
| Cadmium | 111-1 | 103.05 | 105.81 | 104.95 | 104.60 | 1.35 | ppb |
| Calcium | 43-1 | 2082.58 | 2083.07 | 2121.90 | 2095.85 | 1.08 | ppb |
| Calcium | 44-1 | 2064.66 | 2106.60 | 2147.69 | 2106.32 | 1.97 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 104.68 | 105.78 | 103.95 | 104.80 | 0.88 | ppb |
| Cobalt | 59-2 | 105.68 | 105.41 | 105.16 | 105.42 | 0.25 | ppb |
| Copper | 63-2 | 101.09 | 101.76 | 100.99 | 101.28 | 0.41 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 2152.74 | 2159.31 | 2137.16 | 2149.74 | 0.53 | ppb |
| Iron | 57-2 | 2172.59 | 2178.32 | 2181.33 | 2177.42 | 0.20 | ppb |
| Iron | 54-2 | 2264.42 | 2288.79 | 2262.81 | 2272.01 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICV002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 209.57 | 209.36 | 212.59 | 210.51 | 0.86 | ppb |
| Lead | 207-1 | 183.02 | 189.90 | 190.26 | 187.73 | 2.17 | ppb |
| Lead | 208-1 | 198.44 | 202.68 | 203.40 | 201.51 | 1.33 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 1188.13 | 1197.38 | 1182.89 | 1189.46 | 0.62 | ppb |
| Manganese | 55-2 | 102.00 | 102.41 | 102.57 | 102.32 | 0.29 | ppb |
| Molybdenum | 94-1 | 4047.36 | 3963.20 | 3996.50 | 4002.35 | 1.06 | ppb |
| Molybdenum | 95-1 | 4891.81 | 4839.15 | 4849.27 | 4860.08 | 0.57 | ppb |
| Molybdenum | 96-1 | 4794.83 | 4744.80 | 4799.51 | 4779.71 | 0.63 | ppb |
| Molybdenum | 97-1 | 4851.09 | 4839.40 | 4844.60 | 4845.03 | 0.12 | ppb |
| Molybdenum | 98-1 | 4803.82 | 4782.71 | 4838.06 | 4808.19 | 0.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 107.72 | 108.12 | 107.71 | 107.85 | 0.22 | ppb |
| Phosphorus | 31-2 | -15.63 | -19.00 | -15.78 | -16.80 | | ppb |
| Potassium | 39-2 | 2052.65 | 2063.76 | 2049.27 | 2055.23 | 0.37 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 215.66 | 213.68 | 218.09 | 215.81 | 1.02 | ppb |
| Selenium | 77-2 | 220.85 | 230.62 | 223.55 | 225.01 | 2.24 | ppb |
| Selenium | 78-2 | 219.22 | 220.76 | 218.81 | 219.60 | 0.47 | ppb |
| Silicon | 28-1 | -3.05 | -3.63 | -3.36 | -3.35 | | ppb |
| Silver | 107-1 | 51.10 | 52.60 | 51.97 | 51.89 | 1.45 | ppb |
| Silver | 109-1 | 51.23 | 52.53 | 52.36 | 52.04 | 1.35 | ppb |
| Sodium | 23-2 | 2095.35 | 2060.58 | 2043.57 | 2066.50 | 1.28 | ppb |
| Strontium | 86-1 | 5.92 | 6.60 | 6.35 | 6.29 | 5.47 | ppb |
| Strontium | 88-1 | 6.44 | 6.36 | 6.30 | 6.37 | 1.04 | ppb |
| Sulfur | 34-1 | -32.63 | -187.17 | -166.04 | -128.61 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 203.38 | 205.46 | 208.01 | 205.62 | 1.13 | ppb |
| Thallium | 205-1 | 202.92 | 207.95 | 207.65 | 206.17 | 1.37 | ppb |
| Tin | 118-1 | 0.01 | 0.01 | 0.01 | 0.01 | 10.51 | ppb |
| Titanium | 47-1 | 0.23 | 0.24 | 0.21 | 0.23 | 6.72 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICV002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 16.57 | ppb |
| Vanadium | 51-2 | 101.97 | 101.48 | 100.92 | 101.46 | 0.52 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 208.73 | 211.17 | 208.85 | 209.58 | 0.66 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.97 | ppb |
| Zirconium | 91-1 | 0.08 | 0.10 | 0.07 | 0.08 | 16.75 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:38:52 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.07 | 0.13 | 0.19 | 0.08 | 161.35 | ppb |
| Antimony | 121-1 | 0.02 | 0.02 | 0.02 | 0.02 | 5.41 | ppb |
| Arsenic | 75-2 | -0.02 | -0.02 | -0.01 | -0.02 | | ppb |
| Barium | 135-1 | -0.01 | 0.00 | -0.01 | -0.01 | | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Beryllium | 9-1 | 0.03 | 0.03 | 0.01 | 0.02 | 61.11 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.01 | -0.01 | 0.01 | 0.00 | 2399.60 | ppb |
| Cadmium | 106-1 | 0.68 | -0.62 | -0.35 | -0.10 | | ppb |
| Cadmium | 111-1 | 0.01 | -0.02 | 0.00 | 0.00 | | ppb |
| Calcium | 43-1 | 0.02 | 0.62 | -0.74 | -0.03 | | ppb |
| Calcium | 44-1 | 0.40 | -0.02 | -0.34 | 0.02 | 2288.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | -0.02 | 0.01 | -0.01 | | ppb |
| Cobalt | 59-2 | -0.01 | 0.00 | -0.01 | 0.00 | | ppb |
| Copper | 63-2 | -0.01 | 0.00 | 0.01 | 0.00 | 789.54 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | -0.04 | -0.24 | -0.15 | -0.14 | | ppb |
| Iron | 57-2 | -0.61 | -0.89 | -0.71 | -0.74 | | ppb |
| Iron | 54-2 | 0.41 | -0.91 | -0.05 | -0.18 | | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:38:52 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.01 | 0.00 | 0.01 | 0.01 | 74.70 | ppb |
| Lead | 207-1 | 0.01 | 0.01 | 0.00 | 0.01 | 66.10 | ppb |
| Lead | 208-1 | 0.01 | 0.01 | 0.01 | 0.01 | 18.33 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 0.00 | 0.03 | 0.25 | 0.09 | 151.51 | ppb |
| Manganese | 55-2 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Molybdenum | 94-1 | 0.02 | 0.03 | 0.02 | 0.02 | 10.04 | ppb |
| Molybdenum | 95-1 | 0.02 | 0.01 | 0.01 | 0.01 | 62.21 | ppb |
| Molybdenum | 96-1 | 0.02 | 0.03 | 0.02 | 0.02 | 11.09 | ppb |
| Molybdenum | 97-1 | 0.03 | 0.01 | 0.03 | 0.02 | 46.27 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.02 | 0.02 | 10.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.01 | -0.03 | -0.01 | -0.01 | | ppb |
| Phosphorus | 31-2 | -14.62 | -14.85 | -16.00 | -15.16 | | ppb |
| Potassium | 39-2 | -2.69 | -2.61 | -0.90 | -2.07 | | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.20 | -0.21 | -0.23 | -0.08 | | ppb |
| Selenium | 77-2 | 0.32 | 0.00 | 0.00 | 0.11 | 173.21 | ppb |
| Selenium | 78-2 | -0.94 | -0.41 | -0.54 | -0.63 | | ppb |
| Silicon | 28-1 | -1.48 | -1.81 | -1.68 | -1.66 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 22.06 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 39.22 | ppb |
| Sodium | 23-2 | 4.02 | 3.03 | 3.48 | 3.51 | 14.19 | ppb |
| Strontium | 86-1 | 0.33 | 0.31 | 0.08 | 0.24 | 56.82 | ppb |
| Strontium | 88-1 | 0.04 | 0.00 | 0.00 | 0.01 | 240.03 | ppb |
| Sulfur | 34-1 | 108.30 | 6.91 | 8.96 | 41.39 | 140.02 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Thallium | 205-1 | 0.00 | 0.01 | 0.00 | 0.00 | 79.81 | ppb |
| Tin | 118-1 | 0.01 | 0.01 | 0.00 | 0.01 | 36.09 | ppb |
| Titanium | 47-1 | 0.02 | 0.03 | 0.00 | 0.02 | 88.28 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:38:52 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 204.13 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 0.13 | 0.11 | 0.12 | 0.12 | 8.30 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 1511.94 | ppb |
| Zirconium | 91-1 | 0.01 | 0.01 | 0.01 | 0.01 | 7.15 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSA002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:42:22 | DataFile Name : | 016ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 92030.79 | 90928.75 | 91591.21 | 91516.92 | 0.61 | ppb |
| Antimony | 121-1 | 1.13 | 1.10 | 1.16 | 1.13 | 2.30 | ppb |
| Arsenic | 75-2 | 0.38 | 0.34 | 0.25 | 0.32 | 19.51 | ppb |
| Barium | 135-1 | 1.37 | 1.36 | 1.35 | 1.36 | 1.03 | ppb |
| Barium | 137-1 | 1.36 | 1.36 | 1.38 | 1.36 | 0.75 | ppb |
| Beryllium | 9-1 | 0.31 | 0.30 | 0.26 | 0.29 | 10.47 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 9.05 | 8.28 | 8.02 | 8.45 | 6.33 | ppb |
| Cadmium | 106-1 | -1.60 | -2.03 | -2.02 | -1.88 | | ppb |
| Cadmium | 111-1 | 0.33 | 0.30 | 0.30 | 0.31 | 6.53 | ppb |
| Calcium | 43-1 | 101212.39 | 100639.14 | 102136.10 | 101329.21 | 0.75 | ppb |
| Calcium | 44-1 | 100915.16 | 100741.61 | 101742.46 | 101133.08 | 0.53 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 20.04 | 19.59 | 19.69 | 19.77 | 1.20 | ppb |
| Cobalt | 59-2 | 1.23 | 1.27 | 1.20 | 1.23 | 2.82 | ppb |
| Copper | 63-2 | 7.20 | 7.05 | 7.08 | 7.11 | 1.10 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 104563.70 | 103724.19 | 102695.04 | 103660.97 | 0.90 | ppb |
| Iron | 57-2 | 104373.60 | 103381.81 | 101786.29 | 103180.56 | 1.27 | ppb |
| Iron | 54-2 | 104376.62 | 103299.88 | 103317.43 | 103664.65 | 0.59 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSA002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:42:22 | DataFile Name : | 016ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4.80 | 4.77 | 4.76 | 4.78 | 0.45 | ppb |
| Lead | 207-1 | 4.31 | 4.33 | 4.31 | 4.32 | 0.27 | ppb |
| Lead | 208-1 | 4.49 | 4.48 | 4.46 | 4.48 | 0.41 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 98879.60 | 97399.31 | 98805.35 | 98361.42 | 0.85 | ppb |
| Manganese | 55-2 | 7.64 | 7.72 | 7.75 | 7.70 | 0.77 | ppb |
| Molybdenum | 94-1 | 1595.76 | 1620.08 | 1599.01 | 1604.95 | 0.82 | ppb |
| Molybdenum | 95-1 | 1943.07 | 1966.01 | 1969.08 | 1959.39 | 0.73 | ppb |
| Molybdenum | 96-1 | 1907.56 | 1939.63 | 1950.11 | 1932.43 | 1.15 | ppb |
| Molybdenum | 97-1 | 1935.10 | 1953.89 | 1968.94 | 1952.65 | 0.87 | ppb |
| Molybdenum | 98-1 | 1925.48 | 1974.11 | 1965.29 | 1954.96 | 1.33 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 5.55 | 5.10 | 5.07 | 5.24 | 5.13 | ppb |
| Phosphorus | 31-2 | 104352.69 | 102882.46 | 102735.84 | 103323.66 | 0.87 | ppb |
| Potassium | 39-2 | 98247.92 | 97239.87 | 97892.15 | 97793.31 | 0.52 | ppb |
| Rhodium | 103-1 | | | | 87 | | % |
| Rhodium | 103-2 | | | | 89 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.55 | 0.08 | 0.16 | 0.26 | 94.86 | ppb |
| Selenium | 77-2 | 0.17 | 0.17 | 0.17 | 0.17 | 0.16 | ppb |
| Selenium | 78-2 | -1.67 | -1.47 | -0.62 | -1.25 | | ppb |
| Silicon | 28-1 | 0.30 | -0.29 | -0.15 | -0.05 | | ppb |
| Silver | 107-1 | 0.05 | 0.04 | 0.04 | 0.04 | 14.78 | ppb |
| Silver | 109-1 | 0.05 | 0.04 | 0.04 | 0.04 | 17.52 | ppb |
| Sodium | 23-2 | 99834.68 | 98731.85 | 98610.30 | 99058.95 | 0.68 | ppb |
| Strontium | 86-1 | 828.10 | 833.46 | 841.41 | 834.32 | 0.80 | ppb |
| Strontium | 88-1 | 829.55 | 843.88 | 845.37 | 839.60 | 1.04 | ppb |
| Sulfur | 34-1 | 107836.98 | 106229.93 | 107302.50 | 107123.14 | 0.76 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.11 | 0.11 | 0.08 | 0.10 | 14.05 | ppb |
| Thallium | 205-1 | 0.10 | 0.10 | 0.09 | 0.10 | 4.82 | ppb |
| Tin | 118-1 | 0.17 | 0.17 | 0.14 | 0.16 | 10.20 | ppb |
| Titanium | 47-1 | 2015.42 | 1991.49 | 2045.86 | 2017.59 | 1.35 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSA002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:42:22 | DataFile Name : | 016ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.01 | 0.02 | 0.02 | 5.68 | ppb |
| Vanadium | 51-2 | 0.20 | 0.20 | 0.20 | 0.20 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 10.95 | 11.09 | 10.76 | 10.93 | 1.53 | ppb |
| Zirconium | 90-1 | 0.02 | 0.03 | 0.03 | 0.03 | 15.33 | ppb |
| Zirconium | 91-1 | 0.02 | 0.04 | 0.05 | 0.04 | 35.64 | ppb |



1234

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:45:27 | DataFile Name : | 017ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 93662.65 | 93500.32 | 93196.44 | 93453.14 | 0.25 | ppb |
| Antimony | 121-1 | 20.93 | 21.97 | 21.69 | 21.53 | 2.51 | ppb |
| Arsenic | 75-2 | 22.13 | 21.64 | 21.61 | 21.79 | 1.35 | ppb |
| Barium | 135-1 | 21.18 | 22.27 | 21.72 | 21.73 | 2.49 | ppb |
| Barium | 137-1 | 21.58 | 22.07 | 21.95 | 21.86 | 1.17 | ppb |
| Beryllium | 9-1 | 21.05 | 21.50 | 20.99 | 21.18 | 1.32 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 24.83 | 26.81 | 25.53 | 25.72 | 3.89 | ppb |
| Cadmium | 106-1 | 15.03 | 17.82 | 16.76 | 16.54 | 8.51 | ppb |
| Cadmium | 111-1 | 19.00 | 19.94 | 19.54 | 19.49 | 2.42 | ppb |
| Calcium | 43-1 | 102247.40 | 103494.17 | 105278.12 | 103673.23 | 1.47 | ppb |
| Calcium | 44-1 | 102968.17 | 103485.01 | 103251.84 | 103235.01 | 0.25 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 40.42 | 40.30 | 40.52 | 40.41 | 0.27 | ppb |
| Cobalt | 59-2 | 21.46 | 21.35 | 21.40 | 21.40 | 0.24 | ppb |
| Copper | 63-2 | 26.50 | 26.19 | 26.34 | 26.35 | 0.58 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 105128.36 | 105046.17 | 104832.01 | 105002.18 | 0.15 | ppb |
| Iron | 57-2 | 105519.53 | 105207.41 | 104650.63 | 105125.86 | 0.42 | ppb |
| Iron | 54-2 | 105612.90 | 106348.69 | 105264.84 | 105742.14 | 0.52 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:45:27 | DataFile Name : | 017ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 25.04 | 25.43 | 25.41 | 25.29 | 0.87 | ppb |
| Lead | 207-1 | 23.73 | 23.89 | 24.13 | 23.92 | 0.85 | ppb |
| Lead | 208-1 | 24.17 | 24.39 | 24.59 | 24.38 | 0.87 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 100001.24 | 99999.13 | 100001.17 | 100000.52 | 0.00 | ppb |
| Manganese | 55-2 | 27.98 | 27.71 | 28.13 | 27.94 | 0.75 | ppb |
| Molybdenum | 94-1 | 1624.09 | 1635.62 | 1667.38 | 1642.36 | 1.36 | ppb |
| Molybdenum | 95-1 | 1967.08 | 2009.33 | 2019.28 | 1998.56 | 1.39 | ppb |
| Molybdenum | 96-1 | 1933.34 | 1983.14 | 1996.09 | 1970.85 | 1.68 | ppb |
| Molybdenum | 97-1 | 1956.97 | 2009.64 | 2032.96 | 1999.86 | 1.95 | ppb |
| Molybdenum | 98-1 | 1962.67 | 2018.62 | 2031.95 | 2004.42 | 1.83 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 25.85 | 25.39 | 25.49 | 25.57 | 0.94 | ppb |
| Phosphorus | 31-2 | 105333.30 | 104368.49 | 103933.00 | 104544.93 | 0.69 | ppb |
| Potassium | 39-2 | 99399.22 | 100243.69 | 99413.44 | 99685.45 | 0.49 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 20.19 | 20.55 | 20.93 | 20.56 | 1.81 | ppb |
| Selenium | 77-2 | 20.78 | 17.90 | 22.23 | 20.30 | 10.86 | ppb |
| Selenium | 78-2 | 19.87 | 18.87 | 20.55 | 19.77 | 4.28 | ppb |
| Silicon | 28-1 | 0.23 | 0.39 | 0.68 | 0.43 | 52.15 | ppb |
| Silver | 107-1 | 19.16 | 19.88 | 19.63 | 19.56 | 1.88 | ppb |
| Silver | 109-1 | 18.97 | 19.97 | 19.55 | 19.49 | 2.56 | ppb |
| Sodium | 23-2 | 100805.67 | 101015.18 | 100898.06 | 100906.30 | 0.10 | ppb |
| Strontium | 86-1 | 848.92 | 864.51 | 866.19 | 859.88 | 1.11 | ppb |
| Strontium | 88-1 | 843.86 | 864.31 | 869.06 | 859.08 | 1.56 | ppb |
| Sulfur | 34-1 | 108356.36 | 106718.74 | 109272.16 | 108115.75 | 1.20 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 20.64 | 20.78 | 20.59 | 20.67 | 0.49 | ppb |
| Thallium | 205-1 | 20.66 | 20.68 | 20.74 | 20.69 | 0.21 | ppb |
| Tin | 118-1 | 0.15 | 0.18 | 0.13 | 0.15 | 13.40 | ppb |
| Titanium | 47-1 | 2036.91 | 2054.86 | 2057.25 | 2049.67 | 0.54 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:45:27 | DataFile Name : | 017ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.02 | 0.02 | 0.02 | 8.37 | ppb |
| Vanadium | 51-2 | 20.25 | 20.28 | 20.34 | 20.29 | 0.24 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 31.69 | 31.75 | 31.28 | 31.57 | 0.82 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.03 | 0.02 | 19.34 | ppb |
| Zirconium | 91-1 | 0.03 | 0.03 | 0.03 | 0.03 | 13.88 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 49940.19 | 49715.15 | 49657.57 | 49770.97 | 0.30 | ppb |
| Antimony | 121-1 | 495.93 | 495.88 | 500.09 | 497.30 | 0.49 | ppb |
| Arsenic | 75-2 | 490.22 | 493.13 | 498.74 | 494.03 | 0.88 | ppb |
| Barium | 135-1 | 2533.29 | 2495.62 | 2561.86 | 2530.26 | 1.31 | ppb |
| Barium | 137-1 | 2500.60 | 2540.42 | 2540.02 | 2527.01 | 0.91 | ppb |
| Beryllium | 9-1 | 491.85 | 495.30 | 496.13 | 494.43 | 0.46 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 485.34 | 490.47 | 498.38 | 491.40 | 1.34 | ppb |
| Cadmium | 106-1 | 491.60 | 492.80 | 494.95 | 493.12 | 0.34 | ppb |
| Cadmium | 111-1 | 471.01 | 479.69 | 476.92 | 475.87 | 0.93 | ppb |
| Calcium | 43-1 | 256734.75 | 253350.98 | 257367.91 | 255817.88 | 0.84 | ppb |
| Calcium | 44-1 | 256600.62 | 257508.24 | 258600.59 | 257569.82 | 0.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 497.89 | 493.00 | 499.15 | 496.68 | 0.65 | ppb |
| Cobalt | 59-2 | 488.41 | 488.40 | 487.91 | 488.24 | 0.06 | ppb |
| Copper | 63-2 | 4798.25 | 4753.36 | 4777.77 | 4776.46 | 0.47 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 88 | | % |
| Iron | 56-2 | 126995.38 | 127102.01 | 127336.91 | 127144.77 | 0.14 | ppb |
| Iron | 57-2 | 127948.94 | 125784.69 | 128219.00 | 127317.54 | 1.05 | ppb |
| Iron | 54-2 | 127931.10 | 127364.71 | 127849.26 | 127715.02 | 0.24 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2561.83 | 2551.53 | 2609.35 | 2574.24 | 1.20 | ppb |
| Lead | 207-1 | 2562.51 | 2551.06 | 2597.12 | 2570.23 | 0.93 | ppb |
| Lead | 208-1 | 2551.68 | 2551.35 | 2597.76 | 2566.93 | 1.04 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 253468.80 | 251296.18 | 252192.66 | 252319.22 | 0.43 | ppb |
| Manganese | 55-2 | 4965.30 | 4941.33 | 4952.20 | 4952.95 | 0.24 | ppb |
| Molybdenum | 94-1 | 5002.95 | 5123.47 | 5046.46 | 5057.63 | 1.21 | ppb |
| Molybdenum | 95-1 | 5041.22 | 5082.51 | 5035.55 | 5053.10 | 0.51 | ppb |
| Molybdenum | 96-1 | 5039.02 | 5062.07 | 5082.74 | 5061.28 | 0.43 | ppb |
| Molybdenum | 97-1 | 5063.36 | 5104.29 | 5053.38 | 5073.67 | 0.53 | ppb |
| Molybdenum | 98-1 | 5052.27 | 5075.09 | 5030.54 | 5052.64 | 0.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 469.50 | 464.76 | 467.44 | 467.23 | 0.51 | ppb |
| Phosphorus | 31-2 | 10144.01 | 9954.45 | 9970.76 | 10023.07 | 1.05 | ppb |
| Potassium | 39-2 | 125543.18 | 125278.78 | 125066.15 | 125296.04 | 0.19 | ppb |
| Rhodium | 103-1 | | | | 87 | | % |
| Rhodium | 103-2 | | | | 86 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 477.18 | 485.61 | 482.48 | 481.76 | 0.88 | ppb |
| Selenium | 77-2 | 475.11 | 499.04 | 478.86 | 484.34 | 2.66 | ppb |
| Selenium | 78-2 | 484.99 | 485.03 | 471.13 | 480.38 | 1.67 | ppb |
| Silicon | 28-1 | 250.49 | 249.88 | 253.61 | 251.33 | 0.80 | ppb |
| Silver | 107-1 | 483.24 | 484.20 | 490.06 | 485.83 | 0.76 | ppb |
| Silver | 109-1 | 490.72 | 485.59 | 495.59 | 490.63 | 1.02 | ppb |
| Sodium | 23-2 | 249921.38 | 251072.30 | 250852.47 | 250615.39 | 0.24 | ppb |
| Strontium | 86-1 | 12668.98 | 12779.74 | 12603.73 | 12684.15 | 0.70 | ppb |
| Strontium | 88-1 | 12493.27 | 12761.99 | 12663.77 | 12639.68 | 1.08 | ppb |
| Sulfur | 34-1 | 9715.87 | 9745.44 | 9836.34 | 9765.88 | 0.64 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 512.52 | 522.19 | 525.88 | 520.19 | 1.33 | ppb |
| Thallium | 205-1 | 513.13 | 517.24 | 523.64 | 518.00 | 1.02 | ppb |
| Tin | 118-1 | 499.78 | 501.75 | 506.86 | 502.80 | 0.73 | ppb |
| Titanium | 47-1 | 4983.13 | 4989.57 | 5015.13 | 4995.94 | 0.34 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 513.75 | 523.58 | 533.51 | 523.61 | 1.89 | ppb |
| Vanadium | 51-2 | 514.69 | 507.40 | 507.62 | 509.91 | 0.81 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 91 | | % |
| Zinc | 66-2 | 4747.74 | 4708.08 | 4726.99 | 4727.61 | 0.42 | ppb |
| Zirconium | 90-1 | 501.10 | 509.13 | 508.56 | 506.26 | 0.89 | ppb |
| Zirconium | 91-1 | 502.52 | 516.26 | 506.11 | 508.30 | 1.40 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:51:19 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2.89 | 2.73 | 2.29 | 2.64 | 11.61 | ppb |
| Antimony | 121-1 | 0.23 | 0.22 | 0.25 | 0.23 | 6.25 | ppb |
| Arsenic | 75-2 | 0.00 | 0.02 | 0.00 | 0.00 | 198.79 | ppb |
| Barium | 135-1 | 0.16 | 0.18 | 0.19 | 0.18 | 8.68 | ppb |
| Barium | 137-1 | 0.17 | 0.16 | 0.18 | 0.17 | 8.10 | ppb |
| Beryllium | 9-1 | 0.09 | 0.11 | 0.13 | 0.11 | 17.89 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.07 | 0.06 | 0.08 | 0.07 | 15.78 | ppb |
| Cadmium | 106-1 | 1.14 | -0.31 | -0.55 | 0.09 | 1006.70 | ppb |
| Cadmium | 111-1 | 0.07 | 0.04 | 0.04 | 0.05 | 31.55 | ppb |
| Calcium | 43-1 | 17.32 | 15.57 | 20.81 | 17.90 | 14.92 | ppb |
| Calcium | 44-1 | 16.71 | 18.60 | 21.54 | 18.95 | 12.85 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.01 | 0.00 | 0.00 | 0.01 | 162.87 | ppb |
| Cobalt | 59-2 | 0.02 | 0.02 | 0.02 | 0.02 | 16.16 | ppb |
| Copper | 63-2 | 0.32 | 0.30 | 0.28 | 0.30 | 6.68 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 7.38 | 7.19 | 6.25 | 6.94 | 8.69 | ppb |
| Iron | 57-2 | 5.37 | 7.14 | 5.17 | 5.89 | 18.40 | ppb |
| Iron | 54-2 | 7.08 | 6.14 | 6.77 | 6.66 | 7.19 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:51:19 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.20 | 0.23 | 0.24 | 0.22 | 8.92 | ppb |
| Lead | 207-1 | 0.19 | 0.21 | 0.23 | 0.21 | 9.26 | ppb |
| Lead | 208-1 | 0.20 | 0.21 | 0.23 | 0.21 | 8.10 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 12.32 | 11.19 | 10.08 | 11.19 | 9.98 | ppb |
| Manganese | 55-2 | 0.30 | 0.29 | 0.25 | 0.28 | 9.55 | ppb |
| Molybdenum | 94-1 | 0.49 | 0.50 | 0.55 | 0.51 | 6.42 | ppb |
| Molybdenum | 95-1 | 0.45 | 0.45 | 0.46 | 0.45 | 2.02 | ppb |
| Molybdenum | 96-1 | 0.45 | 0.47 | 0.51 | 0.48 | 6.66 | ppb |
| Molybdenum | 97-1 | 0.46 | 0.46 | 0.49 | 0.47 | 2.99 | ppb |
| Molybdenum | 98-1 | 0.42 | 0.46 | 0.49 | 0.46 | 7.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.02 | 0.01 | -0.01 | 0.01 | 261.68 | ppb |
| Phosphorus | 31-2 | -14.51 | -12.82 | -14.72 | -14.02 | | ppb |
| Potassium | 39-2 | 6.76 | 9.21 | 6.89 | 7.62 | 18.15 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 0.29 | 0.01 | -0.19 | 0.04 | 633.38 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.96 | -0.40 | -0.26 | -0.54 | | ppb |
| Silicon | 28-1 | -2.71 | -3.27 | 0.09 | -1.96 | | ppb |
| Silver | 107-1 | 0.07 | 0.07 | 0.08 | 0.07 | 6.23 | ppb |
| Silver | 109-1 | 0.08 | 0.07 | 0.07 | 0.08 | 8.77 | ppb |
| Sodium | 23-2 | 58.31 | 54.82 | 52.94 | 55.36 | 4.92 | ppb |
| Strontium | 86-1 | 0.63 | 0.89 | 1.16 | 0.90 | 29.65 | ppb |
| Strontium | 88-1 | 0.75 | 0.81 | 0.92 | 0.83 | 10.50 | ppb |
| Sulfur | 34-1 | -330.02 | -357.78 | 412.03 | -91.92 | | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.10 | 0.09 | 0.10 | 0.10 | 3.03 | ppb |
| Thallium | 205-1 | 0.10 | 0.10 | 0.11 | 0.10 | 7.30 | ppb |
| Tin | 118-1 | 0.07 | 0.07 | 0.09 | 0.08 | 17.39 | ppb |
| Titanium | 47-1 | 0.37 | 0.56 | 0.46 | 0.46 | 21.19 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:51:19 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.03 | 0.04 | 0.04 | 0.04 | 9.00 | ppb |
| Vanadium | 51-2 | 0.02 | 0.02 | 0.01 | 0.02 | 18.68 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 0.32 | 0.20 | 0.24 | 0.25 | 25.00 | ppb |
| Zirconium | 90-1 | 0.06 | 0.07 | 0.08 | 0.07 | 11.96 | ppb |
| Zirconium | 91-1 | 0.06 | 0.08 | 0.09 | 0.08 | 17.86 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 15:57:58 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12041.05 | 12083.89 | 11961.40 | 12028.78 | 0.52 | ppb |
| Antimony | 121-1 | 0.03 | 0.03 | 0.03 | 0.03 | 3.40 | ppb |
| Arsenic | 75-2 | 0.87 | 0.69 | 0.90 | 0.82 | 13.91 | ppb |
| Barium | 135-1 | 20.96 | 20.81 | 20.92 | 20.90 | 0.39 | ppb |
| Barium | 137-1 | 21.10 | 21.21 | 21.42 | 21.24 | 0.78 | ppb |
| Beryllium | 9-1 | 0.34 | 0.36 | 0.35 | 0.35 | 1.96 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.12 | 0.17 | 0.00 | 0.10 | 87.08 | ppb |
| Cadmium | 106-1 | 1.41 | 0.76 | 0.77 | 0.98 | 37.98 | ppb |
| Cadmium | 111-1 | 0.13 | 0.14 | 0.13 | 0.14 | 3.29 | ppb |
| Calcium | 43-1 | 43368.32 | 45232.00 | 43149.09 | 43916.47 | 2.61 | ppb |
| Calcium | 44-1 | 43372.15 | 43984.13 | 43701.53 | 43685.94 | 0.70 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.62 | 3.52 | 3.64 | 3.59 | 1.70 | ppb |
| Cobalt | 59-2 | 33.62 | 33.57 | 33.36 | 33.52 | 0.41 | ppb |
| Copper | 63-2 | 7.72 | 7.80 | 7.65 | 7.72 | 1.02 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 105370.68 | 106488.23 | 105326.16 | 105728.36 | 0.62 | ppb |
| Iron | 57-2 | 104147.73 | 105552.97 | 104640.18 | 104780.29 | 0.68 | ppb |
| Iron | 54-2 | 106462.41 | 106216.69 | 106529.19 | 106402.76 | 0.15 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 15:57:58 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.42 | 0.43 | 0.43 | 0.43 | 1.15 | ppb |
| Lead | 207-1 | 0.38 | 0.38 | 0.40 | 0.39 | 2.77 | ppb |
| Lead | 208-1 | 0.40 | 0.40 | 0.41 | 0.41 | 1.10 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 20179.26 | 20182.06 | 20169.95 | 20177.09 | 0.03 | ppb |
| Manganese | 55-2 | 1614.62 | 1601.56 | 1610.83 | 1609.00 | 0.42 | ppb |
| Molybdenum | 94-1 | 0.93 | 0.98 | 0.97 | 0.96 | 2.60 | ppb |
| Molybdenum | 95-1 | 0.28 | 0.27 | 0.26 | 0.27 | 3.27 | ppb |
| Molybdenum | 96-1 | 0.98 | 1.01 | 0.99 | 0.99 | 1.56 | ppb |
| Molybdenum | 97-1 | 0.27 | 0.29 | 0.28 | 0.28 | 4.31 | ppb |
| Molybdenum | 98-1 | 0.26 | 0.27 | 0.26 | 0.26 | 1.96 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 13.15 | 13.42 | 13.31 | 13.29 | 1.03 | ppb |
| Phosphorus | 31-2 | 303.40 | 303.98 | 311.15 | 306.18 | 1.41 | ppb |
| Potassium | 39-2 | 350.23 | 357.47 | 353.69 | 353.79 | 1.02 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.79 | 0.54 | 0.35 | 0.56 | 39.72 | ppb |
| Selenium | 77-2 | 7.81 | 7.70 | 7.48 | 7.67 | 2.19 | ppb |
| Selenium | 78-2 | 0.63 | 1.12 | 1.44 | 1.06 | 38.28 | ppb |
| Silicon | 28-1 | 2504.18 | 2593.38 | 2533.33 | 2543.63 | 1.79 | ppb |
| Silver | 107-1 | 0.02 | 0.02 | 0.02 | 0.02 | 4.65 | ppb |
| Silver | 109-1 | 0.02 | 0.02 | 0.02 | 0.02 | 20.60 | ppb |
| Sodium | 23-2 | 6328.22 | 6310.58 | 6383.77 | 6340.86 | 0.60 | ppb |
| Strontium | 86-1 | 2309.23 | 2307.15 | 2380.29 | 2332.23 | 1.79 | ppb |
| Strontium | 88-1 | 2381.13 | 2427.10 | 2445.43 | 2417.88 | 1.37 | ppb |
| Sulfur | 34-1 | 126157.43 | 129180.71 | 127277.32 | 127538.49 | 1.20 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.04 | 0.05 | 0.04 | 0.04 | 7.44 | ppb |
| Thallium | 205-1 | 0.05 | 0.04 | 0.04 | 0.04 | 8.34 | ppb |
| Tin | 118-1 | 0.20 | 0.15 | 0.15 | 0.17 | 15.24 | ppb |
| Titanium | 47-1 | 2.22 | 1.99 | 2.09 | 2.10 | 5.40 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 15:57:58 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.23 | 1.25 | 1.25 | 1.24 | 0.81 | ppb |
| Vanadium | 51-2 | 118.94 | 118.98 | 118.91 | 118.94 | 0.03 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 123.41 | 122.66 | 122.27 | 122.78 | 0.47 | ppb |
| Zirconium | 90-1 | 0.38 | 0.37 | 0.39 | 0.38 | 2.77 | ppb |
| Zirconium | 91-1 | 0.36 | 0.39 | 0.39 | 0.38 | 4.27 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12169.15 | 12190.67 | 12283.17 | 12214.33 | 0.50 | ppb |
| Antimony | 121-1 | 0.02 | 0.02 | 0.03 | 0.02 | 10.64 | ppb |
| Arsenic | 75-2 | 0.82 | 0.88 | 0.77 | 0.82 | 6.32 | ppb |
| Barium | 135-1 | 21.42 | 21.98 | 20.92 | 21.44 | 2.46 | ppb |
| Barium | 137-1 | 21.62 | 22.35 | 21.57 | 21.84 | 2.00 | ppb |
| Beryllium | 9-1 | 0.32 | 0.36 | 0.33 | 0.34 | 7.45 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.09 | 0.20 | 0.16 | 0.15 | 36.73 | ppb |
| Cadmium | 106-1 | 1.00 | 2.34 | 1.38 | 1.57 | 43.79 | ppb |
| Cadmium | 111-1 | 0.13 | 0.18 | 0.14 | 0.15 | 17.34 | ppb |
| Calcium | 43-1 | 44694.14 | 46498.76 | 44222.83 | 45138.58 | 2.66 | ppb |
| Calcium | 44-1 | 44591.12 | 45825.04 | 44482.46 | 44966.21 | 1.66 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.74 | 3.73 | 3.67 | 3.71 | 1.07 | ppb |
| Cobalt | 59-2 | 34.36 | 34.28 | 34.02 | 34.22 | 0.52 | ppb |
| Copper | 63-2 | 7.88 | 7.78 | 7.79 | 7.82 | 0.72 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 108548.84 | 108310.83 | 107359.78 | 108073.15 | 0.58 | ppb |
| Iron | 57-2 | 107636.83 | 107096.82 | 107344.25 | 107359.30 | 0.25 | ppb |
| Iron | 54-2 | 108998.99 | 108281.60 | 108430.07 | 108570.22 | 0.35 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.41 | 0.46 | 0.42 | 0.43 | 5.53 | ppb |
| Lead | 207-1 | 0.40 | 0.37 | 0.42 | 0.40 | 6.76 | ppb |
| Lead | 208-1 | 0.41 | 0.42 | 0.42 | 0.42 | 1.36 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 20731.90 | 20431.91 | 20414.00 | 20525.94 | 0.87 | ppb |
| Manganese | 55-2 | 1640.96 | 1648.68 | 1645.36 | 1645.00 | 0.24 | ppb |
| Molybdenum | 94-1 | 0.75 | 0.79 | 0.71 | 0.75 | 5.18 | ppb |
| Molybdenum | 95-1 | 0.05 | 0.04 | 0.04 | 0.04 | 11.88 | ppb |
| Molybdenum | 96-1 | 0.83 | 0.82 | 0.87 | 0.84 | 3.11 | ppb |
| Molybdenum | 97-1 | 0.06 | 0.06 | 0.06 | 0.06 | 5.15 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.03 | 0.02 | 11.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 13.54 | 13.85 | 13.56 | 13.65 | 1.27 | ppb |
| Phosphorus | 31-2 | 307.67 | 323.67 | 299.23 | 310.19 | 4.00 | ppb |
| Potassium | 39-2 | 360.82 | 360.03 | 357.01 | 359.29 | 0.56 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.55 | 0.65 | 0.46 | 0.55 | 17.73 | ppb |
| Selenium | 77-2 | 9.64 | 8.98 | 6.96 | 8.53 | 16.41 | ppb |
| Selenium | 78-2 | 0.94 | 0.42 | 0.73 | 0.69 | 37.79 | ppb |
| Silicon | 28-1 | 2569.66 | 2666.14 | 2605.60 | 2613.80 | 1.87 | ppb |
| Silver | 107-1 | 0.02 | 0.02 | 0.02 | 0.02 | 12.11 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.02 | 0.01 | 12.95 | ppb |
| Sodium | 23-2 | 6394.11 | 6393.80 | 6437.87 | 6408.59 | 0.40 | ppb |
| Strontium | 86-1 | 2409.22 | 2452.58 | 2387.32 | 2416.37 | 1.37 | ppb |
| Strontium | 88-1 | 2481.01 | 2505.22 | 2460.02 | 2482.08 | 0.91 | ppb |
| Sulfur | 34-1 | 129702.86 | 134409.73 | 130208.27 | 131440.28 | 1.97 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.04 | 0.04 | 0.02 | 0.03 | 21.25 | ppb |
| Thallium | 205-1 | 0.03 | 0.04 | 0.04 | 0.04 | 7.82 | ppb |
| Tin | 118-1 | 0.12 | 0.13 | 0.10 | 0.12 | 11.80 | ppb |
| Titanium | 47-1 | 1.92 | 2.19 | 1.97 | 2.03 | 7.27 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.25 | 1.28 | 1.29 | 1.28 | 1.75 | ppb |
| Vanadium | 51-2 | 122.36 | 121.80 | 120.78 | 121.65 | 0.66 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 126.91 | 124.76 | 124.62 | 125.43 | 1.02 | ppb |
| Zirconium | 90-1 | 0.35 | 0.37 | 0.36 | 0.36 | 2.76 | ppb |
| Zirconium | 91-1 | 0.39 | 0.40 | 0.38 | 0.39 | 1.92 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2331.47 | 2337.05 | 2335.55 | 2334.69 | 0.12 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 21.87 | ppb |
| Arsenic | 75-2 | 0.18 | 0.18 | 0.16 | 0.17 | 6.93 | ppb |
| Barium | 135-1 | 4.20 | 4.30 | 4.26 | 4.26 | 1.14 | ppb |
| Barium | 137-1 | 4.15 | 4.32 | 4.38 | 4.28 | 2.83 | ppb |
| Beryllium | 9-1 | 0.10 | 0.09 | 0.11 | 0.10 | 10.33 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.03 | 0.00 | 0.00 | -0.01 | | ppb |
| Cadmium | 106-1 | 0.85 | 0.43 | -0.42 | 0.28 | 226.40 | ppb |
| Cadmium | 111-1 | 0.05 | 0.03 | 0.02 | 0.03 | 45.08 | ppb |
| Calcium | 43-1 | 8913.85 | 8819.07 | 8789.00 | 8840.64 | 0.74 | ppb |
| Calcium | 44-1 | 8679.49 | 8742.93 | 8690.85 | 8704.42 | 0.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.63 | 0.60 | 0.66 | 0.63 | 4.28 | ppb |
| Cobalt | 59-2 | 6.77 | 6.76 | 6.73 | 6.75 | 0.27 | ppb |
| Copper | 63-2 | 1.64 | 1.73 | 1.75 | 1.71 | 3.18 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 21248.84 | 21260.97 | 21226.27 | 21245.36 | 0.08 | ppb |
| Iron | 57-2 | 21197.90 | 21077.34 | 21257.33 | 21177.53 | 0.43 | ppb |
| Iron | 54-2 | 21611.02 | 21345.68 | 21528.94 | 21495.21 | 0.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.10 | 0.10 | 0.10 | 0.10 | 2.26 | ppb |
| Lead | 207-1 | 0.09 | 0.09 | 0.08 | 0.09 | 8.54 | ppb |
| Lead | 208-1 | 0.10 | 0.09 | 0.10 | 0.09 | 2.48 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 4141.70 | 4115.46 | 4033.74 | 4096.97 | 1.37 | ppb |
| Manganese | 55-2 | 324.17 | 329.36 | 315.32 | 322.95 | 2.20 | ppb |
| Molybdenum | 94-1 | 0.19 | 0.19 | 0.21 | 0.20 | 6.50 | ppb |
| Molybdenum | 95-1 | 0.04 | 0.04 | 0.04 | 0.04 | 4.02 | ppb |
| Molybdenum | 96-1 | 0.22 | 0.21 | 0.21 | 0.21 | 0.98 | ppb |
| Molybdenum | 97-1 | 0.05 | 0.06 | 0.05 | 0.05 | 11.90 | ppb |
| Molybdenum | 98-1 | 0.05 | 0.04 | 0.04 | 0.04 | 10.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.55 | 2.53 | 2.79 | 2.63 | 5.55 | ppb |
| Phosphorus | 31-2 | 50.50 | 53.91 | 36.86 | 47.09 | 19.16 | ppb |
| Potassium | 39-2 | 69.58 | 72.30 | 70.29 | 70.73 | 2.00 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.65 | 0.11 | -0.08 | 0.23 | 167.69 | ppb |
| Selenium | 77-2 | 1.37 | 1.05 | 1.51 | 1.31 | 17.78 | ppb |
| Selenium | 78-2 | -0.16 | -0.22 | 0.30 | -0.03 | | ppb |
| Silicon | 28-1 | 510.03 | 503.70 | 507.39 | 507.04 | 0.63 | ppb |
| Silver | 107-1 | 0.01 | 0.00 | 0.00 | 0.01 | 42.44 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.00 | 0.01 | 24.11 | ppb |
| Sodium | 23-2 | 1198.87 | 1201.64 | 1194.54 | 1198.35 | 0.30 | ppb |
| Strontium | 86-1 | 507.09 | 499.28 | 506.65 | 504.34 | 0.87 | ppb |
| Strontium | 88-1 | 499.51 | 494.31 | 498.64 | 497.49 | 0.56 | ppb |
| Sulfur | 34-1 | 26496.11 | 25789.93 | 26030.21 | 26105.41 | 1.38 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.01 | 0.02 | 0.02 | 0.02 | 17.29 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.01 | 0.02 | 27.24 | ppb |
| Tin | 118-1 | 0.06 | 0.06 | 0.06 | 0.06 | 2.06 | ppb |
| Titanium | 47-1 | 0.42 | 0.44 | 0.44 | 0.43 | 1.89 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.24 | 0.25 | 0.24 | 0.24 | 3.78 | ppb |
| Vanadium | 51-2 | 23.92 | 23.83 | 23.75 | 23.84 | 0.36 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 25.59 | 25.35 | 25.49 | 25.48 | 0.48 | ppb |
| Zirconium | 90-1 | 0.08 | 0.08 | 0.08 | 0.08 | 1.43 | ppb |
| Zirconium | 91-1 | 0.08 | 0.07 | 0.07 | 0.07 | 3.87 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:07:36 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12511.03 | 12593.73 | 12506.97 | 12537.24 | 0.39 | ppb |
| Antimony | 121-1 | 56.70 | 61.48 | 61.89 | 60.02 | 4.80 | ppb |
| Arsenic | 75-2 | 60.48 | 60.15 | 61.59 | 60.74 | 1.24 | ppb |
| Barium | 135-1 | 289.23 | 312.13 | 314.69 | 305.35 | 4.59 | ppb |
| Barium | 137-1 | 304.85 | 325.22 | 327.10 | 319.06 | 3.87 | ppb |
| Beryllium | 9-1 | 57.19 | 63.09 | 62.96 | 61.08 | 5.51 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 60.86 | 66.78 | 67.49 | 65.04 | 5.60 | ppb |
| Cadmium | 106-1 | 64.93 | 68.43 | 68.62 | 67.33 | 3.08 | ppb |
| Cadmium | 111-1 | 61.46 | 66.37 | 66.07 | 64.63 | 4.25 | ppb |
| Calcium | 43-1 | 43156.36 | 46999.89 | 46124.71 | 45426.99 | 4.43 | ppb |
| Calcium | 44-1 | 42833.54 | 46461.00 | 46995.02 | 45429.86 | 4.98 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 62.77 | 62.91 | 62.50 | 62.73 | 0.33 | ppb |
| Cobalt | 59-2 | 93.91 | 93.49 | 93.22 | 93.54 | 0.37 | ppb |
| Copper | 63-2 | 531.30 | 523.30 | 531.27 | 528.62 | 0.87 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 103718.32 | 103748.04 | 104222.43 | 103896.26 | 0.27 | ppb |
| Iron | 57-2 | 103220.65 | 103409.84 | 103370.41 | 103333.63 | 0.10 | ppb |
| Iron | 54-2 | 105528.43 | 103547.70 | 104463.55 | 104513.23 | 0.95 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:07:36 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 234.01 | 244.44 | 249.02 | 242.49 | 3.17 | ppb |
| Lead | 207-1 | 232.59 | 248.79 | 248.59 | 243.32 | 3.82 | ppb |
| Lead | 208-1 | 230.16 | 247.22 | 250.08 | 242.49 | 4.44 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 24081.93 | 24108.57 | 23970.62 | 24053.71 | 0.30 | ppb |
| Manganese | 55-2 | 2014.75 | 1991.00 | 2025.01 | 2010.25 | 0.87 | ppb |
| Molybdenum | 94-1 | 347.66 | 378.32 | 382.57 | 369.52 | 5.16 | ppb |
| Molybdenum | 95-1 | 310.86 | 328.78 | 341.15 | 326.93 | 4.66 | ppb |
| Molybdenum | 96-1 | 310.92 | 340.53 | 342.85 | 331.43 | 5.37 | ppb |
| Molybdenum | 97-1 | 296.36 | 326.03 | 327.54 | 316.64 | 5.55 | ppb |
| Molybdenum | 98-1 | 303.54 | 329.12 | 332.25 | 321.64 | 4.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 73.88 | 73.47 | 73.73 | 73.69 | 0.29 | ppb |
| Phosphorus | 31-2 | 284.85 | 293.98 | 299.29 | 292.71 | 2.50 | ppb |
| Potassium | 39-2 | 3341.10 | 3343.82 | 3377.71 | 3354.21 | 0.61 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 52.79 | 57.48 | 59.70 | 56.66 | 6.22 | ppb |
| Selenium | 77-2 | 66.38 | 65.13 | 63.11 | 64.88 | 2.54 | ppb |
| Selenium | 78-2 | 62.26 | 60.48 | 59.83 | 60.85 | 2.07 | ppb |
| Silicon | 28-1 | 2186.85 | 2413.01 | 2401.63 | 2333.83 | 5.46 | ppb |
| Silver | 107-1 | 0.11 | 0.11 | 0.12 | 0.12 | 4.22 | ppb |
| Silver | 109-1 | 0.07 | 0.08 | 0.08 | 0.08 | 5.38 | ppb |
| Sodium | 23-2 | 10808.11 | 10751.50 | 10735.22 | 10764.94 | 0.36 | ppb |
| Strontium | 86-1 | 3377.50 | 3616.30 | 3665.80 | 3553.20 | 4.34 | ppb |
| Strontium | 88-1 | 3445.06 | 3720.52 | 3750.25 | 3638.61 | 4.62 | ppb |
| Sulfur | 34-1 | 111553.27 | 120685.24 | 120839.48 | 117692.66 | 4.52 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 55.23 | 59.84 | 59.76 | 58.27 | 4.53 | ppb |
| Thallium | 205-1 | 55.52 | 59.65 | 60.06 | 58.41 | 4.29 | ppb |
| Tin | 118-1 | 55.82 | 60.71 | 61.41 | 59.31 | 5.14 | ppb |
| Titanium | 47-1 | 207.85 | 227.34 | 230.94 | 222.04 | 5.59 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:07:36 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 57.32 | 61.92 | 61.82 | 60.36 | 4.36 | ppb |
| Vanadium | 51-2 | 175.56 | 175.61 | 176.33 | 175.83 | 0.24 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 608.35 | 605.33 | 606.82 | 606.83 | 0.25 | ppb |
| Zirconium | 90-1 | 51.54 | 56.15 | 56.63 | 54.77 | 5.13 | ppb |
| Zirconium | 91-1 | 51.59 | 56.32 | 57.09 | 55.00 | 5.41 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:10:37 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12617.78 | 12633.87 | 12495.91 | 12582.52 | 0.60 | ppb |
| Antimony | 121-1 | 60.39 | 62.41 | 63.18 | 62.00 | 2.32 | ppb |
| Arsenic | 75-2 | 59.27 | 59.20 | 59.90 | 59.46 | 0.65 | ppb |
| Barium | 135-1 | 309.94 | 318.36 | 319.38 | 315.89 | 1.64 | ppb |
| Barium | 137-1 | 316.92 | 327.27 | 333.86 | 326.02 | 2.62 | ppb |
| Beryllium | 9-1 | 62.32 | 63.37 | 62.12 | 62.60 | 1.07 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 65.60 | 66.39 | 70.60 | 67.53 | 3.98 | ppb |
| Cadmium | 106-1 | 68.88 | 68.77 | 72.00 | 69.88 | 2.63 | ppb |
| Cadmium | 111-1 | 65.03 | 67.04 | 67.39 | 66.49 | 1.92 | ppb |
| Calcium | 43-1 | 45805.65 | 46251.56 | 47539.86 | 46532.36 | 1.94 | ppb |
| Calcium | 44-1 | 45949.08 | 46489.51 | 47374.30 | 46604.30 | 1.54 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 62.98 | 62.56 | 62.59 | 62.71 | 0.38 | ppb |
| Cobalt | 59-2 | 94.34 | 93.61 | 93.41 | 93.79 | 0.52 | ppb |
| Copper | 63-2 | 533.88 | 525.58 | 529.81 | 529.76 | 0.78 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 105062.92 | 103935.44 | 104571.68 | 104523.35 | 0.54 | ppb |
| Iron | 57-2 | 104139.97 | 103532.86 | 102973.36 | 103548.73 | 0.56 | ppb |
| Iron | 54-2 | 104815.57 | 104174.53 | 104806.62 | 104598.90 | 0.35 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:10:37 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 239.08 | 252.32 | 244.75 | 245.38 | 2.71 | ppb |
| Lead | 207-1 | 242.93 | 247.92 | 250.19 | 247.01 | 1.50 | ppb |
| Lead | 208-1 | 242.23 | 249.00 | 248.91 | 246.71 | 1.58 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 23909.48 | 23581.90 | 24064.74 | 23852.04 | 1.03 | ppb |
| Manganese | 55-2 | 2026.44 | 1985.00 | 2006.48 | 2005.97 | 1.03 | ppb |
| Molybdenum | 94-1 | 370.54 | 376.20 | 385.56 | 377.43 | 2.01 | ppb |
| Molybdenum | 95-1 | 320.92 | 337.50 | 338.82 | 332.41 | 3.00 | ppb |
| Molybdenum | 96-1 | 333.28 | 339.95 | 344.48 | 339.24 | 1.66 | ppb |
| Molybdenum | 97-1 | 321.04 | 326.16 | 329.57 | 325.59 | 1.32 | ppb |
| Molybdenum | 98-1 | 327.12 | 332.18 | 333.73 | 331.01 | 1.04 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 73.74 | 74.64 | 74.15 | 74.18 | 0.61 | ppb |
| Phosphorus | 31-2 | 279.18 | 293.18 | 291.32 | 287.90 | 2.64 | ppb |
| Potassium | 39-2 | 3343.34 | 3347.49 | 3380.40 | 3357.07 | 0.60 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 57.84 | 58.89 | 58.79 | 58.51 | 0.99 | ppb |
| Selenium | 77-2 | 65.76 | 63.32 | 60.44 | 63.17 | 4.22 | ppb |
| Selenium | 78-2 | 62.51 | 58.75 | 63.44 | 61.57 | 4.03 | ppb |
| Silicon | 28-1 | 2379.63 | 2395.21 | 2463.51 | 2412.78 | 1.85 | ppb |
| Silver | 107-1 | 0.12 | 0.12 | 0.12 | 0.12 | 0.61 | ppb |
| Silver | 109-1 | 0.07 | 0.06 | 0.07 | 0.07 | 7.62 | ppb |
| Sodium | 23-2 | 10753.52 | 10540.11 | 10826.23 | 10706.62 | 1.39 | ppb |
| Strontium | 86-1 | 3581.43 | 3668.21 | 3735.89 | 3661.84 | 2.11 | ppb |
| Strontium | 88-1 | 3671.75 | 3745.48 | 3761.02 | 3726.09 | 1.28 | ppb |
| Sulfur | 34-1 | 118194.08 | 118358.01 | 123785.21 | 120112.44 | 2.65 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 58.52 | 60.57 | 60.10 | 59.73 | 1.79 | ppb |
| Thallium | 205-1 | 58.31 | 60.38 | 60.08 | 59.59 | 1.88 | ppb |
| Tin | 118-1 | 59.56 | 60.92 | 62.92 | 61.13 | 2.76 | ppb |
| Titanium | 47-1 | 224.57 | 227.89 | 232.83 | 228.43 | 1.82 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:10:37 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 59.03 | 62.89 | 61.55 | 61.16 | 3.21 | ppb |
| Vanadium | 51-2 | 176.45 | 175.41 | 175.41 | 175.76 | 0.34 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 610.94 | 607.31 | 606.61 | 608.29 | 0.38 | ppb |
| Zirconium | 90-1 | 55.18 | 56.70 | 57.08 | 56.32 | 1.78 | ppb |
| Zirconium | 91-1 | 55.56 | 56.64 | 57.99 | 56.73 | 2.15 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12451.34 | 12314.32 | 12352.80 | 12372.82 | 0.57 | ppb |
| Antimony | 121-1 | 58.63 | 60.15 | 62.13 | 60.30 | 2.91 | ppb |
| Arsenic | 75-2 | 59.46 | 59.34 | 59.99 | 59.60 | 0.58 | ppb |
| Barium | 135-1 | 300.04 | 306.85 | 317.61 | 308.16 | 2.88 | ppb |
| Barium | 137-1 | 315.14 | 322.38 | 333.78 | 323.77 | 2.90 | ppb |
| Beryllium | 9-1 | 61.50 | 62.17 | 62.00 | 61.89 | 0.56 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 62.16 | 63.34 | 66.60 | 64.03 | 3.59 | ppb |
| Cadmium | 106-1 | 65.16 | 65.78 | 70.22 | 67.06 | 4.12 | ppb |
| Cadmium | 111-1 | 62.97 | 64.71 | 66.42 | 64.70 | 2.67 | ppb |
| Calcium | 43-1 | 44751.77 | 46031.06 | 46880.78 | 45887.87 | 2.34 | ppb |
| Calcium | 44-1 | 44617.05 | 46131.49 | 46517.09 | 45755.21 | 2.20 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 62.54 | 62.60 | 62.03 | 62.39 | 0.50 | ppb |
| Cobalt | 59-2 | 93.56 | 93.07 | 93.40 | 93.34 | 0.27 | ppb |
| Copper | 63-2 | 524.37 | 520.42 | 518.47 | 521.09 | 0.58 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 104309.02 | 103552.07 | 103318.87 | 103726.66 | 0.50 | ppb |
| Iron | 57-2 | 104017.72 | 101645.67 | 103355.83 | 103006.41 | 1.19 | ppb |
| Iron | 54-2 | 104893.09 | 103695.74 | 103755.23 | 104114.69 | 0.65 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 230.03 | 247.48 | 242.04 | 239.85 | 3.72 | ppb |
| Lead | 207-1 | 234.74 | 241.96 | 248.30 | 241.67 | 2.81 | ppb |
| Lead | 208-1 | 234.65 | 244.80 | 245.32 | 241.59 | 2.49 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 23778.67 | 23567.95 | 23545.22 | 23630.61 | 0.54 | ppb |
| Manganese | 55-2 | 2008.83 | 1968.86 | 1996.69 | 1991.46 | 1.03 | ppb |
| Molybdenum | 94-1 | 359.48 | 370.79 | 373.03 | 367.77 | 1.98 | ppb |
| Molybdenum | 95-1 | 318.39 | 327.77 | 334.28 | 326.82 | 2.44 | ppb |
| Molybdenum | 96-1 | 328.62 | 338.32 | 340.05 | 335.66 | 1.84 | ppb |
| Molybdenum | 97-1 | 313.16 | 321.30 | 330.52 | 321.66 | 2.70 | ppb |
| Molybdenum | 98-1 | 318.14 | 329.85 | 334.06 | 327.35 | 2.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 73.04 | 73.55 | 72.61 | 73.07 | 0.65 | ppb |
| Phosphorus | 31-2 | 297.75 | 293.45 | 300.17 | 297.12 | 1.15 | ppb |
| Potassium | 39-2 | 3312.83 | 3294.65 | 3308.47 | 3305.32 | 0.29 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 55.85 | 59.15 | 59.04 | 58.01 | 3.24 | ppb |
| Selenium | 77-2 | 59.69 | 68.47 | 63.97 | 64.04 | 6.85 | ppb |
| Selenium | 78-2 | 58.68 | 58.47 | 58.63 | 58.59 | 0.18 | ppb |
| Silicon | 28-1 | 2289.48 | 2402.82 | 2408.70 | 2367.00 | 2.84 | ppb |
| Silver | 107-1 | 0.12 | 0.11 | 0.13 | 0.12 | 8.39 | ppb |
| Silver | 109-1 | 0.07 | 0.07 | 0.07 | 0.07 | 5.86 | ppb |
| Sodium | 23-2 | 10752.96 | 10663.47 | 10639.33 | 10685.26 | 0.56 | ppb |
| Strontium | 86-1 | 3525.96 | 3597.44 | 3685.70 | 3603.03 | 2.22 | ppb |
| Strontium | 88-1 | 3592.72 | 3699.05 | 3695.34 | 3662.37 | 1.65 | ppb |
| Sulfur | 34-1 | 116760.29 | 119381.92 | 120364.57 | 118835.60 | 1.57 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 56.32 | 58.80 | 59.85 | 58.32 | 3.11 | ppb |
| Thallium | 205-1 | 56.31 | 59.07 | 60.35 | 58.58 | 3.52 | ppb |
| Tin | 118-1 | 57.85 | 60.17 | 61.63 | 59.88 | 3.19 | ppb |
| Titanium | 47-1 | 216.72 | 226.26 | 228.89 | 223.96 | 2.86 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 57.93 | 60.40 | 62.34 | 60.22 | 3.67 | ppb |
| Vanadium | 51-2 | 175.06 | 173.54 | 174.12 | 174.24 | 0.44 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 601.55 | 603.46 | 600.36 | 601.79 | 0.26 | ppb |
| Zirconium | 90-1 | 53.88 | 55.89 | 57.04 | 55.60 | 2.88 | ppb |
| Zirconium | 91-1 | 54.73 | 56.24 | 57.17 | 56.04 | 2.20 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11086.85 | 11803.16 | 11609.96 | 11499.99 | 3.22 | ppb |
| Antimony | 121-1 | 0.06 | 0.06 | 0.06 | 0.06 | 8.21 | ppb |
| Arsenic | 75-2 | 0.69 | 0.69 | 0.69 | 0.69 | 0.09 | ppb |
| Barium | 135-1 | 19.32 | 20.11 | 19.58 | 19.67 | 2.03 | ppb |
| Barium | 137-1 | 19.47 | 20.35 | 19.79 | 19.87 | 2.23 | ppb |
| Beryllium | 9-1 | 0.46 | 0.31 | 0.37 | 0.38 | 20.18 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.11 | 0.16 | 0.09 | 0.12 | 31.28 | ppb |
| Cadmium | 106-1 | 1.39 | 0.91 | 1.73 | 1.34 | 30.82 | ppb |
| Cadmium | 111-1 | 0.13 | 0.15 | 0.14 | 0.14 | 6.50 | ppb |
| Calcium | 43-1 | 39201.12 | 40633.84 | 39925.59 | 39920.18 | 1.79 | ppb |
| Calcium | 44-1 | 39001.50 | 40438.78 | 40086.34 | 39842.21 | 1.88 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.73 | 2.86 | 2.86 | 2.81 | 2.65 | ppb |
| Cobalt | 59-2 | 34.57 | 36.50 | 35.14 | 35.41 | 2.80 | ppb |
| Copper | 63-2 | 7.02 | 7.24 | 7.07 | 7.11 | 1.57 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 105338.35 | 109739.69 | 106768.74 | 107282.26 | 2.09 | ppb |
| Iron | 57-2 | 104581.04 | 108752.86 | 106242.28 | 106525.40 | 1.97 | ppb |
| Iron | 54-2 | 104967.14 | 111311.40 | 106845.09 | 107707.88 | 3.03 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.35 | 0.35 | 0.34 | 0.35 | 2.06 | ppb |
| Lead | 207-1 | 0.31 | 0.31 | 0.32 | 0.32 | 1.66 | ppb |
| Lead | 208-1 | 0.35 | 0.34 | 0.33 | 0.34 | 2.50 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 16923.52 | 17672.07 | 17371.87 | 17322.49 | 2.17 | ppb |
| Manganese | 55-2 | 1565.67 | 1639.37 | 1596.08 | 1600.37 | 2.31 | ppb |
| Molybdenum | 94-1 | 1.10 | 1.07 | 1.07 | 1.08 | 1.19 | ppb |
| Molybdenum | 95-1 | 0.11 | 0.09 | 0.06 | 0.09 | 25.37 | ppb |
| Molybdenum | 96-1 | 0.87 | 0.90 | 0.86 | 0.88 | 2.71 | ppb |
| Molybdenum | 97-1 | 0.10 | 0.09 | 0.08 | 0.09 | 8.83 | ppb |
| Molybdenum | 98-1 | 0.08 | 0.07 | 0.05 | 0.07 | 29.54 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.40 | 8.53 | 8.54 | 8.49 | 0.89 | ppb |
| Phosphorus | 31-2 | 269.55 | 255.66 | 249.50 | 258.24 | 3.98 | ppb |
| Potassium | 39-2 | 371.30 | 395.63 | 382.49 | 383.14 | 3.18 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.21 | 0.45 | 0.22 | 0.29 | 47.02 | ppb |
| Selenium | 77-2 | 6.20 | 8.33 | 8.67 | 7.73 | 17.33 | ppb |
| Selenium | 78-2 | 1.03 | 1.24 | 1.06 | 1.11 | 10.20 | ppb |
| Silicon | 28-1 | 2686.65 | 2767.41 | 2732.01 | 2728.69 | 1.48 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 20.45 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.72 | ppb |
| Sodium | 23-2 | 5484.13 | 5820.58 | 5711.76 | 5672.16 | 3.03 | ppb |
| Strontium | 86-1 | 2322.17 | 2372.25 | 2345.24 | 2346.55 | 1.07 | ppb |
| Strontium | 88-1 | 2391.94 | 2445.23 | 2453.58 | 2430.25 | 1.38 | ppb |
| Sulfur | 34-1 | 115820.34 | 116926.44 | 117700.89 | 116815.89 | 0.81 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.03 | 0.03 | 0.02 | 0.03 | 26.31 | ppb |
| Thallium | 205-1 | 0.03 | 0.02 | 0.02 | 0.02 | 20.98 | ppb |
| Tin | 118-1 | 0.17 | 0.20 | 0.17 | 0.18 | 7.32 | ppb |
| Titanium | 47-1 | 2.08 | 2.14 | 2.15 | 2.12 | 1.88 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.20 | 1.23 | 1.25 | 1.23 | 1.87 | ppb |
| Vanadium | 51-2 | 110.31 | 115.90 | 112.23 | 112.81 | 2.51 | ppb |
| Yttrium | 89-1 | | | | 114 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 128.10 | 133.87 | 131.74 | 131.23 | 2.22 | ppb |
| Zirconium | 90-1 | 0.50 | 0.54 | 0.51 | 0.52 | 3.70 | ppb |
| Zirconium | 91-1 | 0.53 | 0.53 | 0.53 | 0.53 | 0.18 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10462.32 | 10466.85 | 10543.53 | 10490.90 | 0.44 | ppb |
| Antimony | 121-1 | 0.03 | 0.02 | 0.02 | 0.02 | 9.55 | ppb |
| Arsenic | 75-2 | 0.82 | 0.75 | 0.71 | 0.76 | 6.87 | ppb |
| Barium | 135-1 | 19.91 | 20.49 | 20.01 | 20.14 | 1.54 | ppb |
| Barium | 137-1 | 20.33 | 20.76 | 20.34 | 20.48 | 1.20 | ppb |
| Beryllium | 9-1 | 0.28 | 0.33 | 0.35 | 0.32 | 11.14 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | 0.10 | 0.00 | 0.05 | 118.25 | ppb |
| Cadmium | 106-1 | 1.37 | 0.93 | 1.02 | 1.11 | 20.99 | ppb |
| Cadmium | 111-1 | 0.15 | 0.13 | 0.14 | 0.14 | 4.87 | ppb |
| Calcium | 43-1 | 49102.17 | 49315.58 | 50513.64 | 49643.80 | 1.53 | ppb |
| Calcium | 44-1 | 48310.16 | 49262.78 | 49693.01 | 49088.65 | 1.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.50 | 2.46 | 2.44 | 2.47 | 1.20 | ppb |
| Cobalt | 59-2 | 32.66 | 33.00 | 32.96 | 32.88 | 0.56 | ppb |
| Copper | 63-2 | 5.55 | 5.57 | 5.51 | 5.54 | 0.57 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 104308.13 | 106557.62 | 105633.93 | 105499.89 | 1.07 | ppb |
| Iron | 57-2 | 103411.89 | 104505.72 | 104092.48 | 104003.36 | 0.53 | ppb |
| Iron | 54-2 | 104621.65 | 105977.96 | 105971.98 | 105523.86 | 0.74 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.24 | 0.24 | 0.26 | 0.25 | 4.41 | ppb |
| Lead | 207-1 | 0.22 | 0.23 | 0.23 | 0.23 | 3.34 | ppb |
| Lead | 208-1 | 0.24 | 0.24 | 0.24 | 0.24 | 1.16 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 17554.67 | 17788.68 | 17699.75 | 17681.04 | 0.67 | ppb |
| Manganese | 55-2 | 1824.40 | 1838.24 | 1846.34 | 1836.33 | 0.60 | ppb |
| Molybdenum | 94-1 | 0.83 | 0.80 | 0.76 | 0.80 | 4.44 | ppb |
| Molybdenum | 95-1 | 0.04 | 0.04 | 0.02 | 0.03 | 32.21 | ppb |
| Molybdenum | 96-1 | 0.83 | 0.82 | 0.80 | 0.82 | 1.62 | ppb |
| Molybdenum | 97-1 | 0.05 | 0.04 | 0.05 | 0.05 | 16.13 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.01 | 0.01 | 0.02 | 36.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.04 | 8.13 | 8.19 | 8.12 | 0.97 | ppb |
| Phosphorus | 31-2 | 183.58 | 182.62 | 196.08 | 187.42 | 4.01 | ppb |
| Potassium | 39-2 | 361.81 | 369.94 | 369.64 | 367.13 | 1.26 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.11 | 0.36 | 0.39 | 0.29 | 53.23 | ppb |
| Selenium | 77-2 | 6.35 | 6.40 | 6.99 | 6.58 | 5.40 | ppb |
| Selenium | 78-2 | 1.39 | 1.71 | 0.48 | 1.19 | 53.33 | ppb |
| Silicon | 28-1 | 2494.07 | 2532.47 | 2498.89 | 2508.47 | 0.83 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 22.06 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.75 | ppb |
| Sodium | 23-2 | 5016.93 | 5109.06 | 5023.27 | 5049.75 | 1.02 | ppb |
| Strontium | 86-1 | 2659.61 | 2698.07 | 2677.72 | 2678.47 | 0.72 | ppb |
| Strontium | 88-1 | 2693.73 | 2783.20 | 2773.36 | 2750.10 | 1.78 | ppb |
| Sulfur | 34-1 | 121109.40 | 123345.48 | 124154.40 | 122869.76 | 1.28 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.01 | 0.01 | 0.01 | 0.01 | 22.40 | ppb |
| Thallium | 205-1 | 0.02 | 0.01 | 0.01 | 0.01 | 13.43 | ppb |
| Tin | 118-1 | 0.14 | 0.14 | 0.14 | 0.14 | 2.33 | ppb |
| Titanium | 47-1 | 1.71 | 1.67 | 1.82 | 1.73 | 4.36 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.29 | 1.33 | 1.35 | 1.32 | 2.17 | ppb |
| Vanadium | 51-2 | 112.12 | 113.75 | 113.58 | 113.15 | 0.80 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 109 | | % |
| Zinc | 66-2 | 123.49 | 126.06 | 124.14 | 124.56 | 1.07 | ppb |
| Zirconium | 90-1 | 0.38 | 0.41 | 0.41 | 0.40 | 3.33 | ppb |
| Zirconium | 91-1 | 0.41 | 0.40 | 0.43 | 0.41 | 4.20 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:23:02 | DataFile Name : | 029CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 49281.63 | 49254.84 | 49285.30 | 49273.92 | 0.03 | ppb |
| Antimony | 121-1 | 496.00 | 504.23 | 506.64 | 502.29 | 1.11 | ppb |
| Arsenic | 75-2 | 488.24 | 489.97 | 497.25 | 491.82 | 0.97 | ppb |
| Barium | 135-1 | 2526.57 | 2569.57 | 2519.10 | 2538.42 | 1.07 | ppb |
| Barium | 137-1 | 2509.42 | 2556.12 | 2503.45 | 2523.00 | 1.14 | ppb |
| Beryllium | 9-1 | 494.64 | 494.26 | 497.17 | 495.36 | 0.32 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 489.61 | 500.50 | 486.38 | 492.16 | 1.50 | ppb |
| Cadmium | 106-1 | 492.55 | 499.50 | 488.99 | 493.68 | 1.08 | ppb |
| Cadmium | 111-1 | 473.63 | 482.69 | 471.94 | 476.09 | 1.21 | ppb |
| Calcium | 43-1 | 254938.23 | 255292.86 | 258023.42 | 256084.84 | 0.66 | ppb |
| Calcium | 44-1 | 254509.93 | 253837.43 | 258360.47 | 255569.28 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 502.03 | 496.40 | 503.23 | 500.55 | 0.73 | ppb |
| Cobalt | 59-2 | 494.10 | 491.67 | 498.72 | 494.83 | 0.72 | ppb |
| Copper | 63-2 | 4799.72 | 4735.74 | 4835.19 | 4790.22 | 1.05 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 88 | | % |
| Iron | 56-2 | 128326.44 | 127343.62 | 128081.31 | 127917.12 | 0.40 | ppb |
| Iron | 57-2 | 128417.67 | 128233.56 | 128604.95 | 128418.73 | 0.14 | ppb |
| Iron | 54-2 | 128593.05 | 127695.40 | 128344.63 | 128211.02 | 0.36 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:23:02 | DataFile Name : | 029CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2546.95 | 2618.61 | 2549.63 | 2571.73 | 1.58 | ppb |
| Lead | 207-1 | 2554.58 | 2593.89 | 2553.98 | 2567.48 | 0.89 | ppb |
| Lead | 208-1 | 2553.52 | 2598.69 | 2552.98 | 2568.40 | 1.02 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 250764.92 | 248607.97 | 251651.86 | 250341.58 | 0.63 | ppb |
| Manganese | 55-2 | 4961.47 | 4960.72 | 4949.64 | 4957.28 | 0.13 | ppb |
| Molybdenum | 94-1 | 5016.40 | 5061.99 | 5102.33 | 5060.24 | 0.85 | ppb |
| Molybdenum | 95-1 | 5016.61 | 5030.68 | 5113.15 | 5053.48 | 1.03 | ppb |
| Molybdenum | 96-1 | 5063.19 | 5069.15 | 5081.92 | 5071.42 | 0.19 | ppb |
| Molybdenum | 97-1 | 5045.25 | 5119.78 | 5070.58 | 5078.54 | 0.75 | ppb |
| Molybdenum | 98-1 | 4995.89 | 5138.03 | 5088.64 | 5074.19 | 1.42 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 471.26 | 467.73 | 469.72 | 469.57 | 0.38 | ppb |
| Phosphorus | 31-2 | 9949.67 | 9827.17 | 10020.29 | 9932.38 | 0.98 | ppb |
| Potassium | 39-2 | 125404.95 | 124830.34 | 124799.78 | 125011.69 | 0.27 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 86 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 475.22 | 487.65 | 482.72 | 481.87 | 1.30 | ppb |
| Selenium | 77-2 | 458.50 | 479.56 | 460.93 | 466.33 | 2.47 | ppb |
| Selenium | 78-2 | 476.51 | 471.96 | 478.54 | 475.67 | 0.71 | ppb |
| Silicon | 28-1 | 250.15 | 252.11 | 257.13 | 253.13 | 1.42 | ppb |
| Silver | 107-1 | 483.55 | 496.74 | 478.49 | 486.26 | 1.94 | ppb |
| Silver | 109-1 | 487.14 | 490.62 | 487.92 | 488.56 | 0.37 | ppb |
| Sodium | 23-2 | 249094.13 | 249447.45 | 250289.74 | 249610.44 | 0.25 | ppb |
| Strontium | 86-1 | 12428.11 | 12923.65 | 12879.38 | 12743.71 | 2.15 | ppb |
| Strontium | 88-1 | 12509.01 | 12685.00 | 12718.56 | 12637.53 | 0.89 | ppb |
| Sulfur | 34-1 | 9622.98 | 9579.19 | 9864.19 | 9688.79 | 1.58 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 518.55 | 529.22 | 517.18 | 521.65 | 1.26 | ppb |
| Thallium | 205-1 | 513.60 | 523.83 | 517.82 | 518.42 | 0.99 | ppb |
| Tin | 118-1 | 504.41 | 505.98 | 500.32 | 503.57 | 0.58 | ppb |
| Titanium | 47-1 | 4901.48 | 4956.72 | 5062.76 | 4973.65 | 1.65 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:23:02 | DataFile Name : | 029CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 520.46 | 529.34 | 515.19 | 521.66 | 1.37 | ppb |
| Vanadium | 51-2 | 504.04 | 502.31 | 512.27 | 506.21 | 1.05 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 91 | | % |
| Zinc | 66-2 | 4726.80 | 4688.21 | 4762.45 | 4725.82 | 0.79 | ppb |
| Zirconium | 90-1 | 502.25 | 503.66 | 506.77 | 504.23 | 0.46 | ppb |
| Zirconium | 91-1 | 505.84 | 509.28 | 517.33 | 510.82 | 1.15 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:25:49 | DataFile Name : | 030CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1.05 | 0.81 | 2.94 | 1.60 | 73.06 | ppb |
| Antimony | 121-1 | 0.27 | 0.23 | 0.19 | 0.23 | 17.58 | ppb |
| Arsenic | 75-2 | 0.01 | 0.01 | -0.01 | 0.00 | 851.66 | ppb |
| Barium | 135-1 | 0.39 | 0.23 | 0.11 | 0.24 | 58.15 | ppb |
| Barium | 137-1 | 0.41 | 0.23 | 0.14 | 0.26 | 53.35 | ppb |
| Beryllium | 9-1 | 0.16 | 0.11 | 0.10 | 0.13 | 27.54 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.05 | -0.01 | 0.02 | 0.02 | 179.05 | ppb |
| Cadmium | 106-1 | -0.31 | -1.26 | -0.85 | -0.81 | | ppb |
| Cadmium | 111-1 | 0.08 | 0.04 | 0.02 | 0.05 | 72.40 | ppb |
| Calcium | 43-1 | 42.36 | 28.17 | 16.82 | 29.12 | 43.96 | ppb |
| Calcium | 44-1 | 42.79 | 27.74 | 14.58 | 28.37 | 49.77 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.02 | 0.00 | -0.02 | -0.02 | | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.01 | 0.00 | 50.11 | ppb |
| Copper | 63-2 | 0.16 | 0.15 | 0.12 | 0.14 | 14.70 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 4.68 | 3.88 | 7.98 | 5.51 | 39.38 | ppb |
| Iron | 57-2 | 3.19 | 1.93 | 7.31 | 4.14 | 67.88 | ppb |
| Iron | 54-2 | 4.58 | 3.59 | 6.66 | 4.94 | 31.61 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:25:49 | DataFile Name : | 030CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.40 | 0.27 | 0.15 | 0.27 | 46.16 | ppb |
| Lead | 207-1 | 0.38 | 0.28 | 0.13 | 0.26 | 48.58 | ppb |
| Lead | 208-1 | 0.39 | 0.27 | 0.14 | 0.26 | 46.55 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 5.33 | 4.69 | 18.27 | 9.43 | 81.20 | ppb |
| Manganese | 55-2 | 0.17 | 0.16 | 0.25 | 0.19 | 23.67 | ppb |
| Molybdenum | 94-1 | 0.95 | 0.67 | 0.36 | 0.66 | 44.31 | ppb |
| Molybdenum | 95-1 | 0.92 | 0.58 | 0.36 | 0.62 | 45.61 | ppb |
| Molybdenum | 96-1 | 0.87 | 0.57 | 0.32 | 0.59 | 46.49 | ppb |
| Molybdenum | 97-1 | 0.87 | 0.61 | 0.34 | 0.61 | 43.22 | ppb |
| Molybdenum | 98-1 | 0.91 | 0.61 | 0.33 | 0.62 | 46.67 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.01 | 0.01 | -0.04 | -0.01 | | ppb |
| Phosphorus | 31-2 | -15.40 | -16.67 | -14.13 | -15.40 | | ppb |
| Potassium | 39-2 | 7.00 | 5.81 | 7.26 | 6.69 | 11.54 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.10 | -0.36 | -0.30 | -0.19 | | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.32 | 0.11 | 173.21 | ppb |
| Selenium | 78-2 | -1.55 | -1.13 | -1.15 | -1.28 | | ppb |
| Silicon | 28-1 | -2.72 | -2.76 | -2.93 | -2.80 | | ppb |
| Silver | 107-1 | 0.11 | 0.08 | 0.06 | 0.08 | 30.87 | ppb |
| Silver | 109-1 | 0.12 | 0.07 | 0.06 | 0.08 | 38.44 | ppb |
| Sodium | 23-2 | 35.59 | 33.31 | 41.38 | 36.76 | 11.32 | ppb |
| Strontium | 86-1 | 2.14 | 2.13 | 0.67 | 1.65 | 51.18 | ppb |
| Strontium | 88-1 | 2.06 | 1.18 | 0.66 | 1.30 | 54.61 | ppb |
| Sulfur | 34-1 | -564.59 | -410.57 | -375.78 | -450.31 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.09 | 0.07 | 0.05 | 0.07 | 27.85 | ppb |
| Thallium | 205-1 | 0.09 | 0.06 | 0.05 | 0.07 | 28.94 | ppb |
| Tin | 118-1 | 0.12 | 0.08 | 0.06 | 0.09 | 38.57 | ppb |
| Titanium | 47-1 | 0.92 | 0.57 | 0.33 | 0.60 | 48.68 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:25:49 | DataFile Name : | 030CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.08 | 0.05 | 0.02 | 0.05 | 50.56 | ppb |
| Vanadium | 51-2 | 0.01 | 0.00 | 0.02 | 0.01 | 65.07 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 0.13 | 0.17 | 0.23 | 0.18 | 28.99 | ppb |
| Zirconium | 90-1 | 0.10 | 0.09 | 0.05 | 0.08 | 34.22 | ppb |
| Zirconium | 91-1 | 0.11 | 0.07 | 0.06 | 0.08 | 31.10 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:29:07 | DataFile Name : | 031CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.43 | 0.59 | 0.57 | 0.53 | 16.52 | ppb |
| Antimony | 121-1 | 0.04 | 0.05 | 0.04 | 0.05 | 8.97 | ppb |
| Arsenic | 75-2 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Barium | 135-1 | 0.01 | 0.01 | 0.00 | 0.01 | 159.66 | ppb |
| Barium | 137-1 | 0.01 | 0.01 | 0.01 | 0.01 | 19.35 | ppb |
| Beryllium | 9-1 | 0.05 | 0.05 | 0.02 | 0.04 | 39.63 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.03 | 0.03 | 0.00 | 0.00 | 1058.42 | ppb |
| Cadmium | 106-1 | -0.58 | 0.41 | -0.02 | -0.06 | | ppb |
| Cadmium | 111-1 | 0.00 | 0.01 | 0.01 | 0.00 | 177.59 | ppb |
| Calcium | 43-1 | 1.49 | 4.03 | 2.98 | 2.83 | 45.01 | ppb |
| Calcium | 44-1 | 2.17 | 2.10 | 1.75 | 2.01 | 11.28 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.14 | -0.14 | -0.16 | -0.14 | | ppb |
| Cobalt | 59-2 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.06 | 0.04 | 0.04 | 0.05 | 24.26 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 0.42 | 0.32 | 0.24 | 0.33 | 27.27 | ppb |
| Iron | 57-2 | -0.92 | -0.67 | -0.84 | -0.81 | | ppb |
| Iron | 54-2 | 0.59 | 0.32 | 0.21 | 0.37 | 52.52 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:29:07 | DataFile Name : | 031CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.02 | 0.03 | 0.03 | 0.03 | 8.28 | ppb |
| Lead | 207-1 | 0.03 | 0.03 | 0.03 | 0.03 | 4.36 | ppb |
| Lead | 208-1 | 0.03 | 0.03 | 0.03 | 0.03 | 4.18 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 0.91 | 0.73 | 0.50 | 0.71 | 28.77 | ppb |
| Manganese | 55-2 | 0.12 | 0.15 | 0.15 | 0.14 | 10.85 | ppb |
| Molybdenum | 94-1 | 0.06 | 0.06 | 0.05 | 0.06 | 9.68 | ppb |
| Molybdenum | 95-1 | 0.02 | 0.02 | 0.02 | 0.02 | 7.20 | ppb |
| Molybdenum | 96-1 | 0.03 | 0.03 | 0.04 | 0.03 | 15.38 | ppb |
| Molybdenum | 97-1 | 0.03 | 0.04 | 0.04 | 0.04 | 12.89 | ppb |
| Molybdenum | 98-1 | 0.03 | 0.03 | 0.03 | 0.03 | 4.91 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.09 | -0.10 | -0.09 | -0.09 | | ppb |
| Phosphorus | 31-2 | -12.25 | -15.40 | -15.49 | -14.38 | | ppb |
| Potassium | 39-2 | 1.74 | -1.34 | -0.83 | -0.14 | | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.14 | -0.19 | -0.77 | -0.28 | | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.58 | -0.87 | -0.32 | -0.59 | | ppb |
| Silicon | 28-1 | -2.80 | -2.87 | -2.58 | -2.75 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.31 | ppb |
| Silver | 109-1 | 0.02 | 0.01 | 0.01 | 0.01 | 15.28 | ppb |
| Sodium | 23-2 | 11.36 | 11.37 | 10.14 | 10.96 | 6.45 | ppb |
| Strontium | 86-1 | 0.03 | 0.23 | 0.13 | 0.13 | 78.53 | ppb |
| Strontium | 88-1 | 0.20 | 0.11 | 0.17 | 0.16 | 28.88 | ppb |
| Sulfur | 34-1 | -368.22 | -279.15 | -222.66 | -290.01 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.02 | 0.01 | 0.01 | 0.01 | 21.10 | ppb |
| Thallium | 205-1 | 0.01 | 0.02 | 0.02 | 0.02 | 15.38 | ppb |
| Tin | 118-1 | 0.05 | 0.05 | 0.05 | 0.05 | 7.77 | ppb |
| Titanium | 47-1 | 0.03 | 0.06 | 0.02 | 0.04 | 55.38 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:29:07 | DataFile Name : | 031CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 14.67 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.01 | 0.00 | 110.41 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 0.21 | 0.23 | 0.26 | 0.23 | 10.01 | ppb |
| Zirconium | 90-1 | 0.00 | 0.01 | 0.01 | 0.01 | 66.64 | ppb |
| Zirconium | 91-1 | 0.01 | 0.01 | 0.01 | 0.01 | 38.85 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 37.92 | 37.83 | 38.28 | 38.01 | 0.62 | ppb |
| Antimony | 121-1 | 3.98 | 4.02 | 4.04 | 4.01 | 0.72 | ppb |
| Arsenic | 75-2 | 2.19 | 2.08 | 2.17 | 2.15 | 2.86 | ppb |
| Barium | 135-1 | 19.16 | 19.38 | 19.31 | 19.28 | 0.58 | ppb |
| Barium | 137-1 | 19.37 | 19.78 | 19.72 | 19.62 | 1.12 | ppb |
| Beryllium | 9-1 | 2.08 | 1.99 | 2.15 | 2.08 | 3.73 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.62 | 1.95 | 2.16 | 1.91 | 14.21 | ppb |
| Cadmium | 106-1 | 2.56 | 1.95 | 1.88 | 2.13 | 17.48 | ppb |
| Cadmium | 111-1 | 2.14 | 2.10 | 2.10 | 2.11 | 1.06 | ppb |
| Calcium | 43-1 | 996.21 | 1011.68 | 1048.07 | 1018.66 | 2.61 | ppb |
| Calcium | 44-1 | 1018.16 | 1032.71 | 1035.06 | 1028.64 | 0.89 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.53 | 3.78 | 3.66 | 3.66 | 3.33 | ppb |
| Cobalt | 59-2 | 2.02 | 2.00 | 1.99 | 2.00 | 0.81 | ppb |
| Copper | 63-2 | 4.06 | 4.17 | 4.05 | 4.10 | 1.68 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 422.47 | 420.25 | 419.50 | 420.74 | 0.37 | ppb |
| Iron | 57-2 | 416.79 | 414.18 | 420.14 | 417.04 | 0.72 | ppb |
| Iron | 54-2 | 426.46 | 430.02 | 426.01 | 427.50 | 0.51 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.90 | 1.90 | 1.89 | 1.90 | 0.22 | ppb |
| Lead | 207-1 | 1.87 | 1.90 | 1.95 | 1.90 | 2.06 | ppb |
| Lead | 208-1 | 1.88 | 1.91 | 1.93 | 1.91 | 1.13 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 947.80 | 943.47 | 943.12 | 944.80 | 0.28 | ppb |
| Manganese | 55-2 | 2.11 | 2.11 | 2.14 | 2.12 | 0.86 | ppb |
| Molybdenum | 94-1 | 11.28 | 11.54 | 11.65 | 11.49 | 1.65 | ppb |
| Molybdenum | 95-1 | 9.46 | 9.60 | 9.65 | 9.57 | 1.06 | ppb |
| Molybdenum | 96-1 | 9.76 | 9.77 | 9.88 | 9.80 | 0.65 | ppb |
| Molybdenum | 97-1 | 9.57 | 9.91 | 9.85 | 9.78 | 1.86 | ppb |
| Molybdenum | 98-1 | 9.62 | 9.79 | 9.76 | 9.72 | 0.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.07 | 1.92 | 1.94 | 1.98 | 4.24 | ppb |
| Phosphorus | 31-2 | 30.92 | 38.24 | 31.47 | 33.54 | 12.16 | ppb |
| Potassium | 39-2 | 1014.86 | 1007.58 | 1009.03 | 1010.49 | 0.38 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 9.63 | 10.71 | 10.81 | 10.38 | 6.30 | ppb |
| Selenium | 77-2 | 12.24 | 12.33 | 14.71 | 13.09 | 10.69 | ppb |
| Selenium | 78-2 | 10.84 | 9.26 | 10.51 | 10.20 | 8.15 | ppb |
| Silicon | 28-1 | 0.90 | 1.25 | 1.46 | 1.20 | 23.69 | ppb |
| Silver | 107-1 | 1.96 | 2.03 | 2.06 | 2.02 | 2.36 | ppb |
| Silver | 109-1 | 1.95 | 2.02 | 2.02 | 2.00 | 2.17 | ppb |
| Sodium | 23-2 | 940.02 | 927.68 | 928.77 | 932.16 | 0.73 | ppb |
| Strontium | 86-1 | 48.03 | 47.78 | 47.71 | 47.84 | 0.35 | ppb |
| Strontium | 88-1 | 47.96 | 49.38 | 49.78 | 49.04 | 1.96 | ppb |
| Sulfur | 34-1 | -259.39 | -187.26 | -163.93 | -203.53 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 1.85 | 1.89 | 1.92 | 1.89 | 1.75 | ppb |
| Thallium | 205-1 | 1.88 | 1.88 | 1.92 | 1.89 | 1.29 | ppb |
| Tin | 118-1 | 9.95 | 10.21 | 10.15 | 10.10 | 1.37 | ppb |
| Titanium | 47-1 | 2.33 | 2.28 | 2.37 | 2.33 | 2.07 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.73 | 1.77 | 1.77 | 1.76 | 1.52 | ppb |
| Vanadium | 51-2 | 9.85 | 9.90 | 9.95 | 9.90 | 0.55 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 10.41 | 10.66 | 10.78 | 10.62 | 1.77 | ppb |
| Zirconium | 90-1 | 1.90 | 1.91 | 1.99 | 1.93 | 2.60 | ppb |
| Zirconium | 91-1 | 1.95 | 1.94 | 1.99 | 1.96 | 1.41 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6104.37 | 6084.33 | 6057.11 | 6081.93 | 0.39 | ppb |
| Antimony | 121-1 | 4.01 | 4.29 | 4.31 | 4.20 | 3.98 | ppb |
| Arsenic | 75-2 | 78.17 | 80.11 | 78.66 | 78.98 | 1.28 | ppb |
| Barium | 135-1 | 21.83 | 23.54 | 23.29 | 22.89 | 4.04 | ppb |
| Barium | 137-1 | 22.53 | 23.73 | 23.58 | 23.28 | 2.80 | ppb |
| Beryllium | 9-1 | 0.16 | 0.19 | 0.17 | 0.17 | 7.93 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.67 | 0.50 | 0.45 | 0.54 | 20.99 | ppb |
| Cadmium | 106-1 | 1.35 | 1.03 | 0.01 | 0.80 | 88.09 | ppb |
| Cadmium | 111-1 | 0.58 | 0.58 | 0.60 | 0.58 | 1.73 | ppb |
| Calcium | 43-1 | 4252.99 | 4616.48 | 4601.21 | 4490.23 | 4.58 | ppb |
| Calcium | 44-1 | 4155.43 | 4519.35 | 4562.96 | 4412.58 | 5.07 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 22.56 | 22.47 | 22.70 | 22.58 | 0.50 | ppb |
| Cobalt | 59-2 | 6.34 | 6.43 | 6.38 | 6.39 | 0.72 | ppb |
| Copper | 63-2 | 347.04 | 340.95 | 348.20 | 345.40 | 1.13 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 11860.05 | 11842.33 | 12047.95 | 11916.77 | 0.96 | ppb |
| Iron | 57-2 | 11822.46 | 11920.66 | 11857.17 | 11866.76 | 0.42 | ppb |
| Iron | 54-2 | 11898.57 | 12006.85 | 12017.72 | 11974.38 | 0.55 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 43.66 | 45.49 | 46.18 | 45.11 | 2.89 | ppb |
| Lead | 207-1 | 42.96 | 45.32 | 45.88 | 44.72 | 3.47 | ppb |
| Lead | 208-1 | 42.96 | 45.36 | 45.67 | 44.66 | 3.32 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 4207.99 | 4282.10 | 4261.77 | 4250.62 | 0.90 | ppb |
| Manganese | 55-2 | 113.52 | 115.43 | 115.20 | 114.71 | 0.91 | ppb |
| Molybdenum | 94-1 | 6.42 | 7.13 | 7.00 | 6.85 | 5.50 | ppb |
| Molybdenum | 95-1 | 2.33 | 2.52 | 2.50 | 2.45 | 4.24 | ppb |
| Molybdenum | 96-1 | 2.92 | 3.10 | 3.20 | 3.07 | 4.77 | ppb |
| Molybdenum | 97-1 | 2.38 | 2.59 | 2.57 | 2.51 | 4.52 | ppb |
| Molybdenum | 98-1 | 2.42 | 2.59 | 2.56 | 2.52 | 3.46 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.24 | 18.38 | 18.51 | 18.38 | 0.73 | ppb |
| Phosphorus | 31-2 | 834.10 | 859.81 | 865.37 | 853.09 | 1.96 | ppb |
| Potassium | 39-2 | 1179.87 | 1176.69 | 1194.27 | 1183.61 | 0.79 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.29 | 0.50 | 0.63 | 0.47 | 35.50 | ppb |
| Selenium | 77-2 | 3.13 | 3.46 | 2.73 | 3.11 | 11.77 | ppb |
| Selenium | 78-2 | 0.18 | 0.52 | 0.12 | 0.27 | 78.95 | ppb |
| Silicon | 28-1 | 442.16 | 481.66 | 485.97 | 469.93 | 5.14 | ppb |
| Silver | 107-1 | 0.77 | 0.74 | 0.74 | 0.75 | 2.41 | ppb |
| Silver | 109-1 | 0.76 | 0.74 | 0.72 | 0.74 | 2.73 | ppb |
| Sodium | 23-2 | 6719.86 | 6654.53 | 6744.23 | 6706.20 | 0.69 | ppb |
| Strontium | 86-1 | 767.38 | 828.65 | 842.74 | 812.92 | 4.93 | ppb |
| Strontium | 88-1 | 763.62 | 829.04 | 830.77 | 807.81 | 4.74 | ppb |
| Sulfur | 34-1 | 2672.64 | 3079.47 | 3026.00 | 2926.04 | 7.56 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.38 | 0.40 | 0.39 | 0.39 | 2.43 | ppb |
| Thallium | 205-1 | 0.37 | 0.38 | 0.38 | 0.38 | 1.91 | ppb |
| Tin | 118-1 | 2.86 | 2.99 | 3.06 | 2.97 | 3.45 | ppb |
| Titanium | 47-1 | 408.30 | 445.43 | 442.46 | 432.06 | 4.78 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.03 | 2.14 | 2.14 | 2.10 | 3.06 | ppb |
| Vanadium | 51-2 | 23.96 | 24.14 | 24.25 | 24.12 | 0.61 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 118.90 | 121.64 | 121.48 | 120.67 | 1.27 | ppb |
| Zirconium | 90-1 | 2.53 | 2.70 | 2.77 | 2.67 | 4.51 | ppb |
| Zirconium | 91-1 | 2.50 | 2.80 | 2.85 | 2.71 | 6.89 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:41:23 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9388.66 | 9505.10 | 9482.72 | 9458.83 | 0.65 | ppb |
| Antimony | 121-1 | 77.11 | 77.09 | 76.78 | 77.00 | 0.24 | ppb |
| Arsenic | 75-2 | 404.56 | 415.21 | 410.68 | 410.15 | 1.30 | ppb |
| Barium | 135-1 | 187.79 | 187.94 | 188.67 | 188.13 | 0.25 | ppb |
| Barium | 137-1 | 191.64 | 190.30 | 192.54 | 191.49 | 0.59 | ppb |
| Beryllium | 9-1 | 0.24 | 0.24 | 0.26 | 0.25 | 3.43 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.04 | 3.16 | 2.86 | 3.02 | 5.04 | ppb |
| Cadmium | 106-1 | 1.85 | 1.55 | 2.15 | 1.85 | 16.09 | ppb |
| Cadmium | 111-1 | 2.57 | 2.50 | 2.33 | 2.47 | 4.95 | ppb |
| Calcium | 43-1 | 6689.63 | 6741.32 | 6589.19 | 6673.38 | 1.16 | ppb |
| Calcium | 44-1 | 6605.01 | 6535.86 | 6418.79 | 6519.89 | 1.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 32.29 | 32.73 | 32.65 | 32.55 | 0.72 | ppb |
| Cobalt | 59-2 | 34.14 | 34.52 | 34.44 | 34.37 | 0.57 | ppb |
| Copper | 63-2 | 5510.15 | 5586.78 | 5547.06 | 5548.00 | 0.69 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 108 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 36924.47 | 37741.22 | 37489.96 | 37385.22 | 1.12 | ppb |
| Iron | 57-2 | 36683.46 | 36783.44 | 36798.27 | 36755.06 | 0.17 | ppb |
| Iron | 54-2 | 37409.18 | 37798.15 | 37495.15 | 37567.49 | 0.54 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:41:23 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 532.49 | 529.43 | 531.50 | 531.14 | 0.29 | ppb |
| Lead | 207-1 | 521.33 | 520.98 | 528.68 | 523.66 | 0.83 | ppb |
| Lead | 208-1 | 523.36 | 524.72 | 526.78 | 524.95 | 0.33 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 5933.07 | 5877.04 | 5998.76 | 5936.29 | 1.03 | ppb |
| Manganese | 55-2 | 402.99 | 405.90 | 405.02 | 404.64 | 0.37 | ppb |
| Molybdenum | 94-1 | 16.37 | 16.64 | 16.68 | 16.56 | 1.03 | ppb |
| Molybdenum | 95-1 | 10.00 | 10.19 | 10.14 | 10.11 | 0.97 | ppb |
| Molybdenum | 96-1 | 10.86 | 11.18 | 11.12 | 11.05 | 1.56 | ppb |
| Molybdenum | 97-1 | 10.16 | 10.37 | 10.23 | 10.25 | 1.05 | ppb |
| Molybdenum | 98-1 | 10.05 | 10.15 | 10.18 | 10.13 | 0.69 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 28.32 | 28.93 | 28.78 | 28.68 | 1.11 | ppb |
| Phosphorus | 31-2 | 785.44 | 763.56 | 815.91 | 788.30 | 3.34 | ppb |
| Potassium | 39-2 | 2125.18 | 2145.43 | 2159.79 | 2143.47 | 0.81 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 2.46 | 2.60 | 2.50 | 2.52 | 3.01 | ppb |
| Selenium | 77-2 | 4.36 | 7.44 | 5.92 | 5.91 | 26.11 | ppb |
| Selenium | 78-2 | 1.32 | 1.92 | 2.67 | 1.97 | 34.37 | ppb |
| Silicon | 28-1 | 1080.10 | 1091.43 | 1064.28 | 1078.60 | 1.26 | ppb |
| Silver | 107-1 | 10.27 | 10.27 | 10.25 | 10.27 | 0.11 | ppb |
| Silver | 109-1 | 10.03 | 10.04 | 10.18 | 10.08 | 0.83 | ppb |
| Sodium | 23-2 | 13659.97 | 13832.51 | 13778.92 | 13757.13 | 0.64 | ppb |
| Strontium | 86-1 | 1662.68 | 1682.70 | 1672.24 | 1672.54 | 0.60 | ppb |
| Strontium | 88-1 | 1725.65 | 1729.91 | 1712.94 | 1722.83 | 0.51 | ppb |
| Sulfur | 34-1 | 13837.21 | 13696.49 | 13297.86 | 13610.52 | 2.06 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.75 | 0.75 | 0.74 | 0.75 | 0.62 | ppb |
| Thallium | 205-1 | 0.77 | 0.76 | 0.78 | 0.77 | 1.81 | ppb |
| Tin | 118-1 | 48.50 | 48.08 | 48.07 | 48.22 | 0.51 | ppb |
| Titanium | 47-1 | 448.65 | 454.27 | 442.74 | 448.55 | 1.28 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:41:23 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.27 | 1.27 | 1.29 | 1.28 | 0.79 | ppb |
| Vanadium | 51-2 | 35.89 | 36.51 | 36.61 | 36.34 | 1.06 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 1667.95 | 1689.30 | 1679.61 | 1678.95 | 0.64 | ppb |
| Zirconium | 90-1 | 4.32 | 4.41 | 4.36 | 4.36 | 1.00 | ppb |
| Zirconium | 91-1 | 4.29 | 4.62 | 4.40 | 4.43 | 3.81 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5259-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28X0A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:44:31 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 15415.24 | 15230.65 | 15254.22 | 15300.03 | 0.66 | ppb |
| Antimony | 121-1 | 4.09 | 4.17 | 4.20 | 4.15 | 1.33 | ppb |
| Arsenic | 75-2 | 53.88 | 53.33 | 54.06 | 53.76 | 0.71 | ppb |
| Barium | 135-1 | 163.27 | 167.14 | 167.98 | 166.13 | 1.51 | ppb |
| Barium | 137-1 | 165.09 | 170.82 | 170.15 | 168.69 | 1.86 | ppb |
| Beryllium | 9-1 | 0.98 | 1.13 | 1.02 | 1.05 | 7.58 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.69 | 3.11 | 3.18 | 2.99 | 8.74 | ppb |
| Cadmium | 106-1 | 3.85 | 3.55 | 2.54 | 3.31 | 20.77 | ppb |
| Cadmium | 111-1 | 2.85 | 2.86 | 2.93 | 2.88 | 1.41 | ppb |
| Calcium | 43-1 | 70602.04 | 72554.21 | 70986.90 | 71381.05 | 1.45 | ppb |
| Calcium | 44-1 | 69575.83 | 71849.98 | 71954.98 | 71126.93 | 1.89 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 36.46 | 36.38 | 36.26 | 36.37 | 0.27 | ppb |
| Cobalt | 59-2 | 20.80 | 20.44 | 20.59 | 20.61 | 0.89 | ppb |
| Copper | 63-2 | 48.48 | 47.44 | 47.97 | 47.96 | 1.08 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 112 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 43216.20 | 42832.18 | 42930.07 | 42992.82 | 0.46 | ppb |
| Iron | 57-2 | 43007.12 | 42815.61 | 42595.16 | 42805.96 | 0.48 | ppb |
| Iron | 54-2 | 43651.77 | 42554.29 | 43341.38 | 43182.48 | 1.31 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5259-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28X0A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:44:31 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 50.97 | 51.87 | 52.71 | 51.85 | 1.67 | ppb |
| Lead | 207-1 | 46.99 | 47.88 | 48.68 | 47.85 | 1.76 | ppb |
| Lead | 208-1 | 48.51 | 49.31 | 50.04 | 49.29 | 1.55 | ppb |
| Lithium | 6-1 | | | | 108 | | % |
| Magnesium | 24-2 | 33940.92 | 33712.98 | 33605.07 | 33752.99 | 0.51 | ppb |
| Manganese | 55-2 | 1015.80 | 995.42 | 1010.10 | 1007.10 | 1.04 | ppb |
| Molybdenum | 94-1 | 6.55 | 6.77 | 7.00 | 6.77 | 3.30 | ppb |
| Molybdenum | 95-1 | 2.57 | 2.69 | 2.68 | 2.65 | 2.46 | ppb |
| Molybdenum | 96-1 | 3.30 | 3.45 | 3.41 | 3.39 | 2.40 | ppb |
| Molybdenum | 97-1 | 2.59 | 2.74 | 2.68 | 2.67 | 2.78 | ppb |
| Molybdenum | 98-1 | 2.60 | 2.71 | 2.71 | 2.67 | 2.41 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 55.12 | 54.78 | 54.41 | 54.77 | 0.64 | ppb |
| Phosphorus | 31-2 | 1002.62 | 997.97 | 971.66 | 990.75 | 1.69 | ppb |
| Potassium | 39-2 | 2446.29 | 2452.95 | 2436.39 | 2445.21 | 0.34 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 12.10 | 12.51 | 11.66 | 12.09 | 3.53 | ppb |
| Selenium | 77-2 | 17.07 | 22.59 | 19.43 | 19.69 | 14.06 | ppb |
| Selenium | 78-2 | 13.86 | 12.75 | 11.56 | 12.72 | 9.01 | ppb |
| Silicon | 28-1 | 910.58 | 949.26 | 948.33 | 936.06 | 2.36 | ppb |
| Silver | 107-1 | 0.28 | 0.26 | 0.25 | 0.26 | 4.94 | ppb |
| Silver | 109-1 | 0.27 | 0.24 | 0.24 | 0.25 | 7.26 | ppb |
| Sodium | 23-2 | 242.60 | 241.92 | 243.75 | 242.76 | 0.38 | ppb |
| Strontium | 86-1 | 1850.65 | 1903.71 | 1938.49 | 1897.62 | 2.33 | ppb |
| Strontium | 88-1 | 1895.14 | 1960.36 | 1981.79 | 1945.76 | 2.32 | ppb |
| Sulfur | 34-1 | 585.95 | 851.93 | 862.07 | 766.65 | 20.42 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 2.43 | 2.44 | 2.48 | 2.45 | 1.05 | ppb |
| Thallium | 205-1 | 2.40 | 2.43 | 2.49 | 2.44 | 1.89 | ppb |
| Tin | 118-1 | 1.71 | 1.73 | 1.78 | 1.74 | 2.17 | ppb |
| Titanium | 47-1 | 225.95 | 234.93 | 235.46 | 232.11 | 2.30 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5259-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28X0A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:44:31 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.31 | 1.34 | 1.35 | 1.33 | 1.49 | ppb |
| Vanadium | 51-2 | 44.84 | 44.40 | 44.63 | 44.62 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 164.63 | 161.98 | 164.03 | 163.55 | 0.85 | ppb |
| Zirconium | 90-1 | 2.46 | 2.57 | 2.58 | 2.54 | 2.60 | ppb |
| Zirconium | 91-1 | 2.56 | 2.61 | 2.59 | 2.58 | 1.02 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5271-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC7A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:47:44 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14211.72 | 14116.81 | 13966.75 | 14098.43 | 0.88 | ppb |
| Antimony | 121-1 | 410.45 | 422.73 | 419.94 | 417.71 | 1.54 | ppb |
| Arsenic | 75-2 | 1431.84 | 1421.60 | 1444.83 | 1432.76 | 0.81 | ppb |
| Barium | 135-1 | 185.09 | 189.08 | 189.75 | 187.97 | 1.34 | ppb |
| Barium | 137-1 | 188.74 | 194.23 | 192.69 | 191.89 | 1.47 | ppb |
| Beryllium | 9-1 | 0.50 | 0.59 | 0.50 | 0.53 | 9.43 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 7.50 | 7.99 | 7.55 | 7.68 | 3.51 | ppb |
| Cadmium | 106-1 | 7.88 | 8.08 | 7.67 | 7.88 | 2.60 | ppb |
| Cadmium | 111-1 | 5.97 | 5.64 | 5.58 | 5.73 | 3.71 | ppb |
| Calcium | 43-1 | 19413.24 | 19192.82 | 19692.81 | 19432.95 | 1.29 | ppb |
| Calcium | 44-1 | 18780.18 | 18663.37 | 19147.09 | 18863.54 | 1.34 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 40.03 | 39.89 | 39.96 | 39.96 | 0.19 | ppb |
| Cobalt | 59-2 | 344.96 | 340.05 | 334.41 | 339.81 | 1.55 | ppb |
| Copper | 63-2 | 595.86 | 588.97 | 591.39 | 592.07 | 0.59 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 112 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 115 | | % |
| Indium | 115-2 | | | | 111 | | % |
| Iron | 56-2 | 80236.56 | 79427.64 | 79278.74 | 79647.65 | 0.65 | ppb |
| Iron | 57-2 | 80198.65 | 78842.79 | 79232.21 | 79424.55 | 0.88 | ppb |
| Iron | 54-2 | 80596.66 | 79479.47 | 79810.57 | 79962.23 | 0.72 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5271-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC7A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:47:44 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1146.71 | 1123.99 | 1135.32 | 1135.34 | 1.00 | ppb |
| Lead | 207-1 | 1132.11 | 1102.14 | 1122.95 | 1119.07 | 1.37 | ppb |
| Lead | 208-1 | 1132.11 | 1110.81 | 1127.12 | 1123.35 | 0.99 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 9400.45 | 9158.00 | 9369.01 | 9309.15 | 1.42 | ppb |
| Manganese | 55-2 | 648.53 | 638.82 | 646.43 | 644.59 | 0.79 | ppb |
| Molybdenum | 94-1 | 27.28 | 26.89 | 27.35 | 27.18 | 0.91 | ppb |
| Molybdenum | 95-1 | 18.79 | 18.87 | 19.32 | 18.99 | 1.50 | ppb |
| Molybdenum | 96-1 | 20.62 | 20.30 | 20.57 | 20.50 | 0.84 | ppb |
| Molybdenum | 97-1 | 19.12 | 19.06 | 19.31 | 19.16 | 0.67 | ppb |
| Molybdenum | 98-1 | 19.08 | 18.99 | 19.10 | 19.06 | 0.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 46.70 | 46.05 | 46.23 | 46.33 | 0.72 | ppb |
| Phosphorus | 31-2 | 1453.29 | 1486.52 | 1434.92 | 1458.24 | 1.79 | ppb |
| Potassium | 39-2 | 3864.59 | 3916.93 | 3862.90 | 3881.47 | 0.79 | ppb |
| Rhodium | 103-1 | | | | 107 | | % |
| Rhodium | 103-2 | | | | 107 | | % |
| Scandium | 45-1 | | | | 106 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 13.24 | 11.27 | 11.75 | 12.09 | 8.47 | ppb |
| Selenium | 77-2 | 17.15 | 15.64 | 12.03 | 14.94 | 17.60 | ppb |
| Selenium | 78-2 | 10.10 | 11.26 | 9.64 | 10.34 | 8.08 | ppb |
| Silicon | 28-1 | 1249.90 | 1240.59 | 1291.24 | 1260.58 | 2.14 | ppb |
| Silver | 107-1 | 1.69 | 1.72 | 1.73 | 1.71 | 1.12 | ppb |
| Silver | 109-1 | 1.63 | 1.74 | 1.74 | 1.70 | 3.56 | ppb |
| Sodium | 23-2 | 12267.13 | 12104.49 | 12028.48 | 12133.37 | 1.00 | ppb |
| Strontium | 86-1 | 3619.76 | 3601.54 | 3648.08 | 3623.13 | 0.65 | ppb |
| Strontium | 88-1 | 3732.10 | 3679.26 | 3796.57 | 3735.97 | 1.57 | ppb |
| Sulfur | 34-1 | 1634.38 | 1501.20 | 1551.76 | 1562.45 | 4.30 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 2.37 | 2.27 | 2.28 | 2.31 | 2.36 | ppb |
| Thallium | 205-1 | 2.37 | 2.27 | 2.27 | 2.31 | 2.44 | ppb |
| Tin | 118-1 | 145.96 | 148.07 | 144.87 | 146.30 | 1.11 | ppb |
| Titanium | 47-1 | 547.66 | 545.19 | 564.10 | 552.32 | 1.86 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5271-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC7A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:47:44 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.57 | 1.56 | 1.59 | 1.57 | 0.85 | ppb |
| Vanadium | 51-2 | 51.35 | 50.91 | 51.12 | 51.13 | 0.43 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 4946.62 | 4884.62 | 4971.96 | 4934.40 | 0.91 | ppb |
| Zirconium | 90-1 | 6.27 | 6.31 | 6.43 | 6.33 | 1.30 | ppb |
| Zirconium | 91-1 | 6.55 | 6.73 | 6.86 | 6.71 | 2.35 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:50:47 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11607.82 | 11537.06 | 11329.46 | 11491.45 | 1.26 | ppb |
| Antimony | 121-1 | 0.84 | 0.90 | 0.93 | 0.89 | 4.66 | ppb |
| Arsenic | 75-2 | 14.67 | 14.20 | 14.59 | 14.49 | 1.76 | ppb |
| Barium | 135-1 | 172.87 | 178.14 | 183.87 | 178.29 | 3.08 | ppb |
| Barium | 137-1 | 175.70 | 181.14 | 187.95 | 181.59 | 3.38 | ppb |
| Beryllium | 9-1 | 0.85 | 0.86 | 0.91 | 0.87 | 3.45 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.53 | 1.62 | 1.33 | 1.50 | 9.86 | ppb |
| Cadmium | 106-1 | 1.79 | 1.41 | 2.51 | 1.91 | 29.33 | ppb |
| Cadmium | 111-1 | 1.14 | 1.25 | 1.31 | 1.23 | 7.09 | ppb |
| Calcium | 43-1 | 69264.71 | 72975.33 | 74767.81 | 72335.95 | 3.88 | ppb |
| Calcium | 44-1 | 68969.68 | 72717.12 | 74051.88 | 71912.89 | 3.66 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.82 | 44.49 | 44.19 | 44.17 | 0.76 | ppb |
| Cobalt | 59-2 | 18.32 | 18.66 | 18.20 | 18.39 | 1.27 | ppb |
| Copper | 63-2 | 42.96 | 43.92 | 43.54 | 43.47 | 1.12 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 43059.01 | 43490.00 | 43004.09 | 43184.37 | 0.62 | ppb |
| Iron | 57-2 | 43102.91 | 43432.53 | 42431.14 | 42988.86 | 1.19 | ppb |
| Iron | 54-2 | 43023.75 | 43546.61 | 43126.56 | 43232.30 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:50:47 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 78.75 | 81.37 | 84.02 | 81.38 | 3.24 | ppb |
| Lead | 207-1 | 73.26 | 76.24 | 77.70 | 75.73 | 2.98 | ppb |
| Lead | 208-1 | 74.92 | 78.06 | 79.76 | 77.58 | 3.17 | ppb |
| Lithium | 6-1 | | | | 108 | | % |
| Magnesium | 24-2 | 33562.09 | 33743.21 | 33330.18 | 33545.16 | 0.62 | ppb |
| Manganese | 55-2 | 1589.68 | 1616.48 | 1583.10 | 1596.42 | 1.11 | ppb |
| Molybdenum | 94-1 | 8.59 | 9.11 | 9.29 | 9.00 | 4.07 | ppb |
| Molybdenum | 95-1 | 3.33 | 3.44 | 3.61 | 3.46 | 4.03 | ppb |
| Molybdenum | 96-1 | 4.11 | 4.36 | 4.42 | 4.30 | 3.83 | ppb |
| Molybdenum | 97-1 | 3.21 | 3.40 | 3.64 | 3.42 | 6.31 | ppb |
| Molybdenum | 98-1 | 3.32 | 3.42 | 3.58 | 3.44 | 3.81 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 55.44 | 55.31 | 54.93 | 55.23 | 0.47 | ppb |
| Phosphorus | 31-2 | 955.36 | 943.29 | 935.14 | 944.60 | 1.08 | ppb |
| Potassium | 39-2 | 1986.66 | 1997.24 | 2000.76 | 1994.89 | 0.37 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 1.07 | 1.09 | 0.54 | 0.90 | 34.43 | ppb |
| Selenium | 77-2 | 7.04 | 9.34 | 5.44 | 7.27 | 26.89 | ppb |
| Selenium | 78-2 | 0.39 | 0.66 | 0.05 | 0.36 | 83.75 | ppb |
| Silicon | 28-1 | 865.66 | 913.84 | 936.76 | 905.42 | 4.01 | ppb |
| Silver | 107-1 | 0.32 | 0.32 | 0.33 | 0.32 | 1.76 | ppb |
| Silver | 109-1 | 0.30 | 0.32 | 0.34 | 0.32 | 5.44 | ppb |
| Sodium | 23-2 | 212.41 | 212.24 | 211.73 | 212.12 | 0.17 | ppb |
| Strontium | 86-1 | 1726.11 | 1829.03 | 1884.99 | 1813.38 | 4.44 | ppb |
| Strontium | 88-1 | 1794.76 | 1898.51 | 1919.47 | 1870.91 | 3.57 | ppb |
| Sulfur | 34-1 | 677.10 | 917.45 | 1113.03 | 902.53 | 24.19 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.42 | 0.40 | 0.45 | 0.43 | 5.67 | ppb |
| Thallium | 205-1 | 0.40 | 0.43 | 0.45 | 0.43 | 5.06 | ppb |
| Tin | 118-1 | 2.35 | 1.69 | 1.78 | 1.94 | 18.35 | ppb |
| Titanium | 47-1 | 197.46 | 206.97 | 215.04 | 206.49 | 4.26 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:50:47 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.05 | 1.11 | 1.15 | 1.10 | 4.66 | ppb |
| Vanadium | 51-2 | 38.30 | 38.63 | 38.33 | 38.42 | 0.48 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 207.85 | 210.33 | 206.72 | 208.30 | 0.89 | ppb |
| Zirconium | 90-1 | 3.23 | 3.41 | 3.53 | 3.39 | 4.45 | ppb |
| Zirconium | 91-1 | 3.29 | 3.35 | 3.58 | 3.41 | 4.59 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:53:59 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11223.14 | 11317.17 | 11280.28 | 11273.53 | 0.42 | ppb |
| Antimony | 121-1 | 0.79 | 0.81 | 0.83 | 0.81 | 2.44 | ppb |
| Arsenic | 75-2 | 14.35 | 14.75 | 14.71 | 14.60 | 1.49 | ppb |
| Barium | 135-1 | 174.98 | 174.42 | 175.63 | 175.01 | 0.34 | ppb |
| Barium | 137-1 | 178.31 | 177.64 | 178.51 | 178.15 | 0.26 | ppb |
| Beryllium | 9-1 | 0.92 | 0.87 | 0.89 | 0.89 | 3.07 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.69 | 1.68 | 1.57 | 1.65 | 4.19 | ppb |
| Cadmium | 106-1 | 2.61 | 1.50 | 1.71 | 1.94 | 30.26 | ppb |
| Cadmium | 111-1 | 1.22 | 1.09 | 1.17 | 1.16 | 5.79 | ppb |
| Calcium | 43-1 | 71746.78 | 72400.30 | 73106.09 | 72417.73 | 0.94 | ppb |
| Calcium | 44-1 | 71065.83 | 72114.19 | 71835.63 | 71671.88 | 0.76 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.66 | 43.45 | 43.57 | 43.56 | 0.25 | ppb |
| Cobalt | 59-2 | 18.21 | 18.11 | 17.99 | 18.10 | 0.60 | ppb |
| Copper | 63-2 | 42.61 | 42.71 | 42.22 | 42.51 | 0.61 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 42566.41 | 42544.85 | 42252.10 | 42454.46 | 0.41 | ppb |
| Iron | 57-2 | 41857.48 | 42611.15 | 41671.75 | 42046.79 | 1.18 | ppb |
| Iron | 54-2 | 42868.34 | 42372.68 | 42376.12 | 42539.04 | 0.67 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:53:59 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 79.45 | 81.16 | 81.40 | 80.67 | 1.31 | ppb |
| Lead | 207-1 | 73.65 | 75.45 | 74.46 | 74.52 | 1.20 | ppb |
| Lead | 208-1 | 75.60 | 77.02 | 77.09 | 76.57 | 1.10 | ppb |
| Lithium | 6-1 | | | | 108 | | % |
| Magnesium | 24-2 | 33089.65 | 33023.79 | 32841.95 | 32985.13 | 0.39 | ppb |
| Manganese | 55-2 | 1568.26 | 1564.16 | 1567.72 | 1566.72 | 0.14 | ppb |
| Molybdenum | 94-1 | 8.64 | 9.02 | 9.05 | 8.90 | 2.54 | ppb |
| Molybdenum | 95-1 | 3.26 | 3.39 | 3.39 | 3.35 | 2.22 | ppb |
| Molybdenum | 96-1 | 4.07 | 4.31 | 4.67 | 4.35 | 6.86 | ppb |
| Molybdenum | 97-1 | 3.22 | 3.49 | 3.36 | 3.36 | 4.08 | ppb |
| Molybdenum | 98-1 | 3.36 | 3.43 | 3.39 | 3.40 | 1.05 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 54.04 | 54.25 | 54.40 | 54.23 | 0.33 | ppb |
| Phosphorus | 31-2 | 962.94 | 965.38 | 970.18 | 966.17 | 0.38 | ppb |
| Potassium | 39-2 | 1973.71 | 1999.20 | 2006.31 | 1993.07 | 0.86 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 1.26 | 0.91 | 0.89 | 1.02 | 20.07 | ppb |
| Selenium | 77-2 | 7.49 | 7.52 | 6.84 | 7.29 | 5.30 | ppb |
| Selenium | 78-2 | 1.17 | 0.61 | 1.88 | 1.22 | 51.92 | ppb |
| Silicon | 28-1 | 903.08 | 913.27 | 920.62 | 912.32 | 0.97 | ppb |
| Silver | 107-1 | 0.29 | 0.29 | 0.32 | 0.30 | 5.28 | ppb |
| Silver | 109-1 | 0.29 | 0.29 | 0.31 | 0.30 | 3.61 | ppb |
| Sodium | 23-2 | 203.76 | 205.52 | 205.58 | 204.95 | 0.50 | ppb |
| Strontium | 86-1 | 1744.15 | 1826.32 | 1804.87 | 1791.78 | 2.38 | ppb |
| Strontium | 88-1 | 1805.53 | 1888.35 | 1845.09 | 1846.32 | 2.24 | ppb |
| Sulfur | 34-1 | 1020.62 | 1099.87 | 1101.28 | 1073.92 | 4.30 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.38 | 0.40 | 0.40 | 0.39 | 2.23 | ppb |
| Thallium | 205-1 | 0.39 | 0.40 | 0.41 | 0.40 | 2.30 | ppb |
| Tin | 118-1 | 1.63 | 1.61 | 1.63 | 1.62 | 0.82 | ppb |
| Titanium | 47-1 | 205.29 | 208.54 | 206.82 | 206.88 | 0.79 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:53:59 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.07 | 1.10 | 1.10 | 1.09 | 1.51 | ppb |
| Vanadium | 51-2 | 37.53 | 37.74 | 37.85 | 37.71 | 0.43 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 205.46 | 202.50 | 204.51 | 204.15 | 0.74 | ppb |
| Zirconium | 90-1 | 3.25 | 3.41 | 3.39 | 3.35 | 2.51 | ppb |
| Zirconium | 91-1 | 3.29 | 3.41 | 3.36 | 3.35 | 1.76 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04LDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 16:57:12 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2294.01 | 2301.46 | 2268.75 | 2288.07 | 0.75 | ppb |
| Antimony | 121-1 | 0.18 | 0.17 | 0.17 | 0.17 | 4.31 | ppb |
| Arsenic | 75-2 | 3.15 | 3.41 | 3.13 | 3.23 | 4.79 | ppb |
| Barium | 135-1 | 36.92 | 37.29 | 36.86 | 37.02 | 0.62 | ppb |
| Barium | 137-1 | 37.61 | 38.12 | 37.62 | 37.78 | 0.77 | ppb |
| Beryllium | 9-1 | 0.17 | 0.18 | 0.24 | 0.20 | 21.76 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.29 | 0.32 | 0.23 | 0.28 | 16.52 | ppb |
| Cadmium | 106-1 | 0.58 | -0.06 | 0.74 | 0.42 | 99.70 | ppb |
| Cadmium | 111-1 | 0.29 | 0.26 | 0.26 | 0.27 | 5.29 | ppb |
| Calcium | 43-1 | 15553.07 | 15363.75 | 15560.82 | 15492.55 | 0.72 | ppb |
| Calcium | 44-1 | 15122.82 | 15010.21 | 15119.89 | 15084.31 | 0.43 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 9.05 | 9.02 | 8.98 | 9.02 | 0.39 | ppb |
| Cobalt | 59-2 | 3.82 | 3.93 | 3.74 | 3.83 | 2.50 | ppb |
| Copper | 63-2 | 9.21 | 9.24 | 9.02 | 9.16 | 1.31 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 9006.33 | 8979.40 | 8839.60 | 8941.77 | 1.00 | ppb |
| Iron | 57-2 | 8980.96 | 8985.57 | 8935.84 | 8967.46 | 0.31 | ppb |
| Iron | 54-2 | 9004.53 | 9068.51 | 8932.75 | 9001.93 | 0.75 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04LDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 16:57:12 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16.56 | 17.05 | 16.81 | 16.81 | 1.46 | ppb |
| Lead | 207-1 | 15.46 | 15.83 | 15.38 | 15.56 | 1.55 | ppb |
| Lead | 208-1 | 15.83 | 16.21 | 15.90 | 15.98 | 1.26 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 6863.77 | 6998.45 | 6923.39 | 6928.54 | 0.97 | ppb |
| Manganese | 55-2 | 332.55 | 336.32 | 326.09 | 331.65 | 1.56 | ppb |
| Molybdenum | 94-1 | 1.89 | 1.78 | 1.81 | 1.83 | 3.01 | ppb |
| Molybdenum | 95-1 | 0.67 | 0.74 | 0.72 | 0.71 | 4.68 | ppb |
| Molybdenum | 96-1 | 0.92 | 0.89 | 0.90 | 0.91 | 1.71 | ppb |
| Molybdenum | 97-1 | 0.74 | 0.72 | 0.75 | 0.73 | 2.07 | ppb |
| Molybdenum | 98-1 | 0.71 | 0.69 | 0.71 | 0.70 | 1.42 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 11.49 | 11.38 | 11.15 | 11.34 | 1.54 | ppb |
| Phosphorus | 31-2 | 181.03 | 188.59 | 194.05 | 187.89 | 3.48 | ppb |
| Potassium | 39-2 | 429.41 | 433.16 | 425.08 | 429.22 | 0.94 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.07 | 0.18 | 0.07 | 0.11 | 60.75 | ppb |
| Selenium | 77-2 | 1.20 | 2.00 | 1.09 | 1.43 | 34.61 | ppb |
| Selenium | 78-2 | -1.36 | -0.22 | -0.75 | -0.77 | | ppb |
| Silicon | 28-1 | 193.84 | 192.95 | 198.90 | 195.23 | 1.64 | ppb |
| Silver | 107-1 | 0.07 | 0.07 | 0.07 | 0.07 | 4.53 | ppb |
| Silver | 109-1 | 0.07 | 0.07 | 0.06 | 0.07 | 3.74 | ppb |
| Sodium | 23-2 | 61.21 | 59.85 | 60.43 | 60.49 | 1.13 | ppb |
| Strontium | 86-1 | 380.95 | 387.99 | 379.04 | 382.66 | 1.23 | ppb |
| Strontium | 88-1 | 382.24 | 387.01 | 384.61 | 384.62 | 0.62 | ppb |
| Sulfur | 34-1 | 304.24 | 250.53 | 307.64 | 287.47 | 11.14 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.09 | 0.09 | 0.08 | 0.09 | 3.97 | ppb |
| Thallium | 205-1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.40 | ppb |
| Tin | 118-1 | 0.36 | 0.39 | 0.36 | 0.37 | 4.25 | ppb |
| Titanium | 47-1 | 43.60 | 43.16 | 44.36 | 43.71 | 1.38 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04LDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 16:57:12 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.22 | 0.23 | 0.23 | 0.23 | 1.12 | ppb |
| Vanadium | 51-2 | 7.92 | 7.85 | 7.89 | 7.89 | 0.51 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 43.85 | 43.27 | 43.45 | 43.52 | 0.69 | ppb |
| Zirconium | 90-1 | 0.68 | 0.68 | 0.67 | 0.68 | 1.00 | ppb |
| Zirconium | 91-1 | 0.70 | 0.71 | 0.70 | 0.70 | 1.28 | ppb |



1300

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:00:25 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11717.31 | 11692.67 | 11580.96 | 11663.65 | 0.62 | ppb |
| Antimony | 121-1 | 0.76 | 0.78 | 0.78 | 0.77 | 0.95 | ppb |
| Arsenic | 75-2 | 225.58 | 228.96 | 225.67 | 226.74 | 0.85 | ppb |
| Barium | 135-1 | 602.75 | 601.95 | 598.64 | 601.11 | 0.36 | ppb |
| Barium | 137-1 | 601.86 | 592.84 | 593.66 | 596.12 | 0.84 | ppb |
| Beryllium | 9-1 | 10.70 | 10.71 | 10.78 | 10.73 | 0.41 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 94.53 | 96.26 | 98.63 | 96.48 | 2.13 | ppb |
| Cadmium | 106-1 | 96.84 | 95.44 | 96.58 | 96.29 | 0.77 | ppb |
| Cadmium | 111-1 | 98.97 | 100.07 | 100.65 | 99.90 | 0.86 | ppb |
| Calcium | 43-1 | 71578.67 | 71736.76 | 72993.73 | 72103.05 | 1.08 | ppb |
| Calcium | 44-1 | 71163.14 | 71590.71 | 71356.98 | 71370.28 | 0.30 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 83.72 | 84.30 | 83.74 | 83.92 | 0.40 | ppb |
| Cobalt | 59-2 | 118.80 | 118.94 | 120.22 | 119.32 | 0.66 | ppb |
| Copper | 63-2 | 90.37 | 91.63 | 91.63 | 91.21 | 0.80 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 42518.09 | 42434.07 | 42421.09 | 42457.75 | 0.12 | ppb |
| Iron | 57-2 | 41987.59 | 42789.31 | 42239.18 | 42338.69 | 0.97 | ppb |
| Iron | 54-2 | 42997.84 | 42598.06 | 42386.47 | 42660.79 | 0.73 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:00:25 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 253.55 | 261.76 | 261.86 | 259.06 | 1.84 | ppb |
| Lead | 207-1 | 241.36 | 240.81 | 246.52 | 242.90 | 1.30 | ppb |
| Lead | 208-1 | 246.66 | 248.74 | 251.12 | 248.84 | 0.90 | ppb |
| Lithium | 6-1 | | | | 108 | | % |
| Magnesium | 24-2 | 32854.86 | 32759.58 | 32661.92 | 32758.79 | 0.29 | ppb |
| Manganese | 55-2 | 1660.42 | 1664.43 | 1678.97 | 1667.94 | 0.59 | ppb |
| Molybdenum | 94-1 | 10.27 | 10.23 | 10.51 | 10.34 | 1.47 | ppb |
| Molybdenum | 95-1 | 5.27 | 5.39 | 5.36 | 5.34 | 1.12 | ppb |
| Molybdenum | 96-1 | 6.15 | 6.17 | 6.05 | 6.13 | 1.09 | ppb |
| Molybdenum | 97-1 | 5.34 | 5.43 | 5.35 | 5.37 | 0.89 | ppb |
| Molybdenum | 98-1 | 5.30 | 5.37 | 5.30 | 5.32 | 0.74 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 157.28 | 156.42 | 155.72 | 156.47 | 0.50 | ppb |
| Phosphorus | 31-2 | 924.11 | 951.34 | 921.54 | 932.33 | 1.77 | ppb |
| Potassium | 39-2 | 1964.01 | 1980.09 | 1983.17 | 1975.76 | 0.52 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 223.23 | 227.34 | 225.90 | 225.49 | 0.93 | ppb |
| Selenium | 77-2 | 233.13 | 225.02 | 232.61 | 230.25 | 1.97 | ppb |
| Selenium | 78-2 | 236.00 | 230.81 | 234.42 | 233.75 | 1.14 | ppb |
| Silicon | 28-1 | 911.74 | 895.62 | 910.62 | 905.99 | 0.99 | ppb |
| Silver | 107-1 | 10.47 | 10.39 | 10.63 | 10.50 | 1.15 | ppb |
| Silver | 109-1 | 10.52 | 10.48 | 10.44 | 10.48 | 0.35 | ppb |
| Sodium | 23-2 | 193.06 | 196.39 | 196.97 | 195.47 | 1.08 | ppb |
| Strontium | 86-1 | 1759.42 | 1794.04 | 1782.99 | 1778.82 | 0.99 | ppb |
| Strontium | 88-1 | 1848.40 | 1870.12 | 1819.33 | 1845.95 | 1.38 | ppb |
| Sulfur | 34-1 | 933.95 | 998.87 | 1075.85 | 1002.89 | 7.08 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 185.26 | 185.25 | 188.51 | 186.34 | 1.01 | ppb |
| Thallium | 205-1 | 186.36 | 186.60 | 189.49 | 187.49 | 0.93 | ppb |
| Tin | 118-1 | 1.61 | 1.57 | 1.59 | 1.59 | 1.08 | ppb |
| Titanium | 47-1 | 205.09 | 203.13 | 207.96 | 205.39 | 1.18 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:00:25 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.08 | 1.08 | 1.10 | 1.09 | 0.57 | ppb |
| Vanadium | 51-2 | 137.89 | 138.49 | 137.91 | 138.10 | 0.24 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 304.19 | 301.77 | 304.64 | 303.53 | 0.51 | ppb |
| Zirconium | 90-1 | 3.21 | 3.30 | 3.27 | 3.26 | 1.51 | ppb |
| Zirconium | 91-1 | 3.33 | 3.38 | 3.31 | 3.34 | 1.06 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13151.06 | 12898.01 | 13056.52 | 13035.20 | 0.98 | ppb |
| Antimony | 121-1 | 0.63 | 0.63 | 0.64 | 0.63 | 0.74 | ppb |
| Arsenic | 75-2 | 15.64 | 15.47 | 15.22 | 15.44 | 1.37 | ppb |
| Barium | 135-1 | 150.90 | 153.57 | 151.66 | 152.04 | 0.90 | ppb |
| Barium | 137-1 | 153.20 | 153.82 | 154.24 | 153.75 | 0.34 | ppb |
| Beryllium | 9-1 | 1.06 | 1.03 | 1.09 | 1.06 | 2.83 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.25 | 1.07 | 1.34 | 1.22 | 11.11 | ppb |
| Cadmium | 106-1 | 1.62 | 1.59 | 0.69 | 1.30 | 40.41 | ppb |
| Cadmium | 111-1 | 0.91 | 0.99 | 0.95 | 0.95 | 4.36 | ppb |
| Calcium | 43-1 | 46156.77 | 46476.51 | 46843.25 | 46492.18 | 0.74 | ppb |
| Calcium | 44-1 | 46222.41 | 45923.76 | 46497.60 | 46214.59 | 0.62 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 86.36 | 85.68 | 86.52 | 86.19 | 0.52 | ppb |
| Cobalt | 59-2 | 17.78 | 17.58 | 17.93 | 17.77 | 1.00 | ppb |
| Copper | 63-2 | 39.64 | 39.41 | 39.84 | 39.63 | 0.55 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 69611.73 | 69324.47 | 68914.03 | 69283.41 | 0.51 | ppb |
| Iron | 57-2 | 69277.58 | 68148.23 | 69314.86 | 68913.56 | 0.96 | ppb |
| Iron | 54-2 | 69951.16 | 69337.33 | 69711.77 | 69666.75 | 0.44 | ppb |
| Krypton | 83-1 | | | | | | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 132.80 | 134.73 | 135.36 | 134.30 | 0.99 | ppb |
| Lead | 207-1 | 122.17 | 123.74 | 122.92 | 122.95 | 0.64 | ppb |
| Lead | 208-1 | 131.00 | 131.23 | 131.56 | 131.26 | 0.22 | ppb |
| Lithium | 6-1 | | | | 108 | | % |
| Magnesium | 24-2 | 18973.08 | 18782.23 | 18947.32 | 18900.88 | 0.55 | ppb |
| Manganese | 55-2 | 2447.08 | 2461.91 | 2436.01 | 2448.33 | 0.53 | ppb |
| Molybdenum | 94-1 | 7.86 | 7.82 | 7.67 | 7.78 | 1.29 | ppb |
| Molybdenum | 95-1 | 5.46 | 5.43 | 5.35 | 5.41 | 1.04 | ppb |
| Molybdenum | 96-1 | 6.25 | 6.19 | 6.19 | 6.21 | 0.56 | ppb |
| Molybdenum | 97-1 | 5.49 | 5.43 | 5.37 | 5.43 | 1.07 | ppb |
| Molybdenum | 98-1 | 5.57 | 5.54 | 5.47 | 5.52 | 0.92 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 50.81 | 49.87 | 50.71 | 50.46 | 1.02 | ppb |
| Phosphorus | 31-2 | 828.63 | 820.89 | 818.87 | 822.80 | 0.63 | ppb |
| Potassium | 39-2 | 1694.78 | 1677.86 | 1700.30 | 1690.98 | 0.69 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 1.16 | 1.07 | 1.34 | 1.19 | 11.78 | ppb |
| Selenium | 77-2 | 6.46 | 4.63 | 6.45 | 5.85 | 18.00 | ppb |
| Selenium | 78-2 | 1.37 | 0.60 | 0.49 | 0.82 | 58.88 | ppb |
| Silicon | 28-1 | 757.69 | 755.50 | 761.63 | 758.27 | 0.41 | ppb |
| Silver | 107-1 | 0.36 | 0.35 | 0.33 | 0.35 | 5.08 | ppb |
| Silver | 109-1 | 0.37 | 0.34 | 0.33 | 0.35 | 5.63 | ppb |
| Sodium | 23-2 | 147.16 | 148.37 | 149.06 | 148.20 | 0.65 | ppb |
| Strontium | 86-1 | 1398.55 | 1401.89 | 1388.64 | 1396.36 | 0.49 | ppb |
| Strontium | 88-1 | 1444.09 | 1432.38 | 1409.18 | 1428.55 | 1.24 | ppb |
| Sulfur | 34-1 | 466.61 | 504.69 | 454.67 | 475.32 | 5.50 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.42 | 0.43 | 0.45 | 0.43 | 3.05 | ppb |
| Thallium | 205-1 | 0.43 | 0.44 | 0.44 | 0.44 | 1.25 | ppb |
| Tin | 118-1 | 2.36 | 2.48 | 2.44 | 2.43 | 2.63 | ppb |
| Titanium | 47-1 | 187.71 | 187.25 | 188.19 | 187.72 | 0.25 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.23 | 1.24 | 1.23 | 1.24 | 0.36 | ppb |
| Vanadium | 51-2 | 58.89 | 58.06 | 58.85 | 58.60 | 0.80 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 247.50 | 246.70 | 249.60 | 247.93 | 0.61 | ppb |
| Zirconium | 90-1 | 1.79 | 1.82 | 1.80 | 1.80 | 0.92 | ppb |
| Zirconium | 91-1 | 1.81 | 1.86 | 1.86 | 1.85 | 1.61 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7826.24 | 7782.52 | 7721.64 | 7776.80 | 0.68 | ppb |
| Antimony | 121-1 | 8.62 | 9.44 | 9.62 | 9.22 | 5.77 | ppb |
| Arsenic | 75-2 | 18.32 | 17.66 | 17.73 | 17.90 | 2.02 | ppb |
| Barium | 135-1 | 161.00 | 178.08 | 178.60 | 172.56 | 5.80 | ppb |
| Barium | 137-1 | 164.34 | 179.85 | 179.67 | 174.62 | 5.10 | ppb |
| Beryllium | 9-1 | 1.20 | 1.16 | 1.17 | 1.17 | 1.82 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.08 | 6.76 | 7.11 | 6.65 | 7.83 | ppb |
| Cadmium | 106-1 | 7.08 | 7.12 | 7.15 | 7.12 | 0.52 | ppb |
| Cadmium | 111-1 | 5.03 | 5.42 | 5.44 | 5.30 | 4.31 | ppb |
| Calcium | 43-1 | 73566.13 | 83392.87 | 82298.07 | 79752.36 | 6.75 | ppb |
| Calcium | 44-1 | 73257.05 | 83169.05 | 82477.36 | 79634.49 | 6.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1197.12 | 1192.89 | 1193.71 | 1194.57 | 0.19 | ppb |
| Cobalt | 59-2 | 16.81 | 16.71 | 16.77 | 16.76 | 0.30 | ppb |
| Copper | 63-2 | 96.93 | 97.93 | 97.23 | 97.36 | 0.53 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 114 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 179651.37 | 180123.75 | 179886.82 | 179887.31 | 0.13 | ppb |
| Iron | 57-2 | 178409.07 | 180395.92 | 176881.69 | 178562.22 | 0.99 | ppb |
| Iron | 54-2 | 181382.60 | 180889.87 | 180383.14 | 180885.20 | 0.28 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 767.62 | 863.94 | 856.57 | 829.38 | 6.46 | ppb |
| Lead | 207-1 | 730.02 | 805.96 | 816.30 | 784.09 | 6.01 | ppb |
| Lead | 208-1 | 746.26 | 826.89 | 829.26 | 800.80 | 5.90 | ppb |
| Lithium | 6-1 | | | | 109 | | % |
| Magnesium | 24-2 | 15406.07 | 15553.21 | 15438.02 | 15465.77 | 0.50 | ppb |
| Manganese | 55-2 | 9425.63 | 9432.48 | 9366.36 | 9408.15 | 0.39 | ppb |
| Molybdenum | 94-1 | 21.38 | 23.73 | 24.19 | 23.10 | 6.52 | ppb |
| Molybdenum | 95-1 | 20.25 | 22.59 | 23.04 | 21.96 | 6.83 | ppb |
| Molybdenum | 96-1 | 21.56 | 23.79 | 24.07 | 23.14 | 5.95 | ppb |
| Molybdenum | 97-1 | 20.35 | 22.98 | 22.73 | 22.02 | 6.59 | ppb |
| Molybdenum | 98-1 | 20.42 | 22.70 | 22.97 | 22.03 | 6.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 430.62 | 434.60 | 433.74 | 432.99 | 0.48 | ppb |
| Phosphorus | 31-2 | 1266.91 | 1295.09 | 1263.43 | 1275.14 | 1.36 | ppb |
| Potassium | 39-2 | 1499.23 | 1502.84 | 1495.67 | 1499.25 | 0.24 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 1.46 | 1.57 | 1.58 | 1.54 | 4.34 | ppb |
| Selenium | 77-2 | 3.43 | 3.14 | 6.02 | 4.19 | 37.86 | ppb |
| Selenium | 78-2 | 2.37 | 0.01 | -0.25 | 0.71 | 203.42 | ppb |
| Silicon | 28-1 | 719.81 | 822.43 | 831.89 | 791.38 | 7.85 | ppb |
| Silver | 107-1 | 2.73 | 3.07 | 3.08 | 2.96 | 6.75 | ppb |
| Silver | 109-1 | 2.75 | 2.99 | 3.03 | 2.93 | 5.21 | ppb |
| Sodium | 23-2 | 327.10 | 325.57 | 329.87 | 327.51 | 0.66 | ppb |
| Strontium | 86-1 | 2852.13 | 3154.61 | 3218.79 | 3075.18 | 6.37 | ppb |
| Strontium | 88-1 | 2960.77 | 3269.30 | 3275.51 | 3168.52 | 5.68 | ppb |
| Sulfur | 34-1 | 951.44 | 1449.20 | 1499.93 | 1300.19 | 23.31 | ppb |
| Terbium | 159-1 | | | | 113 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 1.16 | 1.25 | 1.32 | 1.24 | 6.39 | ppb |
| Thallium | 205-1 | 1.14 | 1.28 | 1.28 | 1.23 | 6.47 | ppb |
| Tin | 118-1 | 9.07 | 10.22 | 10.28 | 9.86 | 6.88 | ppb |
| Titanium | 47-1 | 356.07 | 404.25 | 404.77 | 388.36 | 7.20 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.74 | 0.82 | 0.83 | 0.80 | 6.06 | ppb |
| Vanadium | 51-2 | 70.52 | 70.61 | 70.58 | 70.57 | 0.06 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 2216.96 | 2218.03 | 2267.80 | 2234.27 | 1.30 | ppb |
| Zirconium | 90-1 | 2.60 | 2.94 | 2.97 | 2.84 | 7.30 | ppb |
| Zirconium | 91-1 | 2.69 | 2.88 | 3.00 | 2.86 | 5.36 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:09:51 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 43325.03 | 44395.29 | 44421.90 | 44047.41 | 1.42 | ppb |
| Antimony | 121-1 | 359.09 | 380.21 | 376.37 | 371.89 | 3.02 | ppb |
| Arsenic | 75-2 | 1993.75 | 2022.12 | 1979.60 | 1998.49 | 1.08 | ppb |
| Barium | 135-1 | 903.37 | 961.95 | 951.66 | 938.99 | 3.33 | ppb |
| Barium | 137-1 | 904.32 | 963.18 | 953.24 | 940.24 | 3.35 | ppb |
| Beryllium | 9-1 | 1.19 | 1.07 | 1.05 | 1.10 | 6.68 | ppb |
| Bismuth | 209-1 | | | | 136 | | % |
| Bismuth | 209-2 | | | | 124 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 15.73 | 16.07 | 15.34 | 15.71 | 2.32 | ppb |
| Cadmium | 106-1 | 16.15 | 16.93 | 17.33 | 16.80 | 3.56 | ppb |
| Cadmium | 111-1 | 11.07 | 12.16 | 11.66 | 11.63 | 4.68 | ppb |
| Calcium | 43-1 | 30000.32 | 31350.93 | 30996.61 | 30782.62 | 2.27 | ppb |
| Calcium | 44-1 | 29508.46 | 31010.22 | 30740.71 | 30419.80 | 2.63 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 153.61 | 154.43 | 154.68 | 154.24 | 0.36 | ppb |
| Cobalt | 59-2 | 167.50 | 171.99 | 170.26 | 169.92 | 1.33 | ppb |
| Copper | 63-2 | 26266.48 | 26815.68 | 26839.26 | 26640.47 | 1.22 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 129 | | % |
| Holmium | 165-2 | | | | 118 | | % |
| Indium | 115-1 | | | | 130 | | % |
| Indium | 115-2 | | | | 117 | | % |
| Iron | 56-2 | 175227.19 | 177001.30 | 175934.97 | 176054.48 | 0.51 | ppb |
| Iron | 57-2 | 173507.69 | 175762.76 | 176480.63 | 175250.36 | 0.89 | ppb |
| Iron | 54-2 | 174360.88 | 176877.93 | 175726.05 | 175654.95 | 0.72 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:09:51 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2279.88 | 2446.96 | 2431.51 | 2386.12 | 3.87 | ppb |
| Lead | 207-1 | 2255.25 | 2405.15 | 2394.90 | 2351.77 | 3.56 | ppb |
| Lead | 208-1 | 2268.05 | 2408.30 | 2398.79 | 2358.38 | 3.32 | ppb |
| Lithium | 6-1 | | | | 129 | | % |
| Magnesium | 24-2 | 27585.65 | 28128.64 | 28062.48 | 27925.59 | 1.06 | ppb |
| Manganese | 55-2 | 1497.50 | 1519.36 | 1500.78 | 1505.88 | 0.78 | ppb |
| Molybdenum | 94-1 | 73.23 | 77.11 | 76.63 | 75.66 | 2.80 | ppb |
| Molybdenum | 95-1 | 45.22 | 47.53 | 46.66 | 46.47 | 2.51 | ppb |
| Molybdenum | 96-1 | 48.99 | 51.78 | 51.41 | 50.73 | 2.99 | ppb |
| Molybdenum | 97-1 | 45.60 | 48.28 | 47.53 | 47.14 | 2.93 | ppb |
| Molybdenum | 98-1 | 45.47 | 47.93 | 47.07 | 46.82 | 2.67 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 135.76 | 138.41 | 137.74 | 137.30 | 1.01 | ppb |
| Phosphorus | 31-2 | 3860.94 | 3938.74 | 3902.54 | 3900.74 | 1.00 | ppb |
| Potassium | 39-2 | 9983.14 | 10236.61 | 10161.15 | 10126.96 | 1.29 | ppb |
| Rhodium | 103-1 | | | | 119 | | % |
| Rhodium | 103-2 | | | | 113 | | % |
| Scandium | 45-1 | | | | 123 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 10.27 | 10.96 | 11.34 | 10.86 | 5.00 | ppb |
| Selenium | 77-2 | 22.72 | 24.48 | 23.82 | 23.68 | 3.75 | ppb |
| Selenium | 78-2 | 10.97 | 10.37 | 11.14 | 10.83 | 3.76 | ppb |
| Silicon | 28-1 | 5071.94 | 5331.48 | 5328.73 | 5244.05 | 2.84 | ppb |
| Silver | 107-1 | 45.93 | 48.01 | 47.45 | 47.13 | 2.29 | ppb |
| Silver | 109-1 | 45.57 | 47.80 | 47.27 | 46.88 | 2.48 | ppb |
| Sodium | 23-2 | 64549.81 | 66081.85 | 65320.75 | 65317.47 | 1.17 | ppb |
| Strontium | 86-1 | 7622.60 | 7995.36 | 7993.96 | 7870.64 | 2.73 | ppb |
| Strontium | 88-1 | 7578.35 | 7964.88 | 7878.01 | 7807.08 | 2.60 | ppb |
| Sulfur | 34-1 | 70822.03 | 73691.15 | 72556.66 | 72356.61 | 2.00 | ppb |
| Terbium | 159-1 | | | | 128 | | % |
| Terbium | 159-2 | | | | 118 | | % |
| Thallium | 203-1 | 3.22 | 3.35 | 3.41 | 3.33 | 2.89 | ppb |
| Thallium | 205-1 | 3.22 | 3.43 | 3.39 | 3.35 | 3.27 | ppb |
| Tin | 118-1 | 225.88 | 238.52 | 238.68 | 234.36 | 3.13 | ppb |
| Titanium | 47-1 | 2110.96 | 2268.79 | 2212.50 | 2197.42 | 3.64 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:09:51 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 5.55 | 5.90 | 5.97 | 5.80 | 3.91 | ppb |
| Vanadium | 51-2 | 171.47 | 171.84 | 172.40 | 171.90 | 0.27 | ppb |
| Yttrium | 89-1 | | | | 134 | | % |
| Yttrium | 89-2 | | | | 120 | | % |
| Zinc | 66-2 | 8217.92 | 8237.13 | 8317.84 | 8257.63 | 0.64 | ppb |
| Zirconium | 90-1 | 19.68 | 20.98 | 20.81 | 20.49 | 3.44 | ppb |
| Zirconium | 91-1 | 20.08 | 21.72 | 21.35 | 21.05 | 4.07 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 27281.03 | 27038.38 | 27271.79 | 27197.07 | 0.51 | ppb |
| Antimony | 121-1 | 0.16 | 0.17 | 0.17 | 0.17 | 2.54 | ppb |
| Arsenic | 75-2 | 8.84 | 9.30 | 9.57 | 9.24 | 3.97 | ppb |
| Barium | 135-1 | 220.41 | 222.24 | 218.87 | 220.51 | 0.77 | ppb |
| Barium | 137-1 | 220.98 | 223.21 | 221.00 | 221.73 | 0.58 | ppb |
| Beryllium | 9-1 | 1.15 | 1.00 | 1.02 | 1.06 | 7.62 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.25 | 3.66 | 3.86 | 3.92 | 7.64 | ppb |
| Cadmium | 106-1 | 6.90 | 8.05 | 7.28 | 7.41 | 7.96 | ppb |
| Cadmium | 111-1 | 0.30 | 0.38 | 0.33 | 0.34 | 13.25 | ppb |
| Calcium | 43-1 | 18077.18 | 18501.04 | 18493.59 | 18357.27 | 1.32 | ppb |
| Calcium | 44-1 | 17753.92 | 18225.88 | 17930.62 | 17970.14 | 1.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 39.41 | 39.52 | 39.61 | 39.51 | 0.26 | ppb |
| Cobalt | 59-2 | 33.96 | 33.72 | 34.05 | 33.91 | 0.49 | ppb |
| Copper | 63-2 | 81.77 | 81.78 | 81.77 | 81.78 | 0.01 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 67342.19 | 66981.18 | 67284.19 | 67202.52 | 0.29 | ppb |
| Iron | 57-2 | 66337.33 | 66110.87 | 66853.67 | 66433.96 | 0.57 | ppb |
| Iron | 54-2 | 67695.47 | 67327.69 | 67621.22 | 67548.13 | 0.29 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18.33 | 18.48 | 18.23 | 18.35 | 0.67 | ppb |
| Lead | 207-1 | 17.39 | 17.37 | 17.38 | 17.38 | 0.07 | ppb |
| Lead | 208-1 | 17.72 | 17.83 | 17.72 | 17.75 | 0.35 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 15941.00 | 15974.22 | 15978.16 | 15964.46 | 0.13 | ppb |
| Manganese | 55-2 | 927.85 | 935.04 | 916.95 | 926.61 | 0.98 | ppb |
| Molybdenum | 94-1 | 82.26 | 85.18 | 83.54 | 83.66 | 1.75 | ppb |
| Molybdenum | 95-1 | 0.73 | 0.77 | 0.73 | 0.75 | 2.86 | ppb |
| Molybdenum | 96-1 | 9.94 | 10.09 | 10.15 | 10.06 | 1.05 | ppb |
| Molybdenum | 97-1 | 0.76 | 0.77 | 0.78 | 0.77 | 1.77 | ppb |
| Molybdenum | 98-1 | 0.74 | 0.72 | 0.72 | 0.73 | 1.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 53.07 | 52.80 | 53.25 | 53.04 | 0.43 | ppb |
| Phosphorus | 31-2 | 1502.53 | 1491.78 | 1508.46 | 1500.93 | 0.56 | ppb |
| Potassium | 39-2 | 1628.56 | 1631.11 | 1644.50 | 1634.72 | 0.52 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.72 | 0.56 | 0.87 | 0.72 | 21.89 | ppb |
| Selenium | 77-2 | 9.74 | 9.59 | 9.73 | 9.69 | 0.83 | ppb |
| Selenium | 78-2 | 1.41 | 2.74 | 1.57 | 1.91 | 38.18 | ppb |
| Silicon | 28-1 | 555.07 | 563.03 | 565.33 | 561.14 | 0.96 | ppb |
| Silver | 107-1 | 0.17 | 0.16 | 0.16 | 0.16 | 2.17 | ppb |
| Silver | 109-1 | 0.13 | 0.13 | 0.13 | 0.13 | 4.14 | ppb |
| Sodium | 23-2 | 790.75 | 785.39 | 791.09 | 789.08 | 0.41 | ppb |
| Strontium | 86-1 | 2767.72 | 2795.19 | 2793.24 | 2785.38 | 0.55 | ppb |
| Strontium | 88-1 | 2853.52 | 2880.67 | 2832.61 | 2855.60 | 0.84 | ppb |
| Sulfur | 34-1 | -1062.86 | -883.72 | -875.58 | -940.72 | | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.26 | 0.27 | 0.26 | 0.26 | 1.15 | ppb |
| Thallium | 205-1 | 0.27 | 0.27 | 0.26 | 0.27 | 3.31 | ppb |
| Tin | 118-1 | 1.72 | 1.72 | 1.72 | 1.72 | 0.17 | ppb |
| Titanium | 47-1 | 3002.96 | 3005.33 | 3021.36 | 3009.88 | 0.33 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.57 | 1.58 | 1.59 | 1.58 | 0.68 | ppb |
| Vanadium | 51-2 | 164.98 | 163.53 | 164.85 | 164.45 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 136.71 | 136.41 | 137.43 | 136.85 | 0.38 | ppb |
| Zirconium | 90-1 | 45.06 | 46.49 | 45.72 | 45.76 | 1.57 | ppb |
| Zirconium | 91-1 | 45.49 | 46.93 | 46.45 | 46.29 | 1.58 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 59989.49 | 59528.49 | 59171.70 | 59563.23 | 0.69 | ppb |
| Antimony | 121-1 | 0.10 | 0.10 | 0.10 | 0.10 | 0.26 | ppb |
| Arsenic | 75-2 | 6.82 | 7.39 | 6.78 | 7.00 | 4.90 | ppb |
| Barium | 135-1 | 208.76 | 212.67 | 214.75 | 212.06 | 1.43 | ppb |
| Barium | 137-1 | 212.14 | 214.80 | 217.38 | 214.78 | 1.22 | ppb |
| Beryllium | 9-1 | 1.26 | 1.22 | 1.20 | 1.23 | 2.69 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.49 | 4.83 | 5.36 | 4.89 | 8.90 | ppb |
| Cadmium | 106-1 | 8.87 | 9.54 | 9.45 | 9.29 | 3.93 | ppb |
| Cadmium | 111-1 | 0.45 | 0.45 | 0.42 | 0.44 | 3.84 | ppb |
| Calcium | 43-1 | 14731.44 | 14575.50 | 14762.00 | 14689.65 | 0.68 | ppb |
| Calcium | 44-1 | 14234.54 | 14140.38 | 14255.11 | 14210.01 | 0.43 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 54.94 | 54.74 | 54.39 | 54.69 | 0.51 | ppb |
| Cobalt | 59-2 | 35.32 | 35.08 | 35.04 | 35.15 | 0.43 | ppb |
| Copper | 63-2 | 102.90 | 102.77 | 101.49 | 102.39 | 0.76 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 73081.66 | 72763.50 | 71659.11 | 72501.43 | 1.03 | ppb |
| Iron | 57-2 | 72394.73 | 71195.33 | 70838.96 | 71476.34 | 1.14 | ppb |
| Iron | 54-2 | 73149.28 | 72094.13 | 71823.66 | 72355.69 | 0.97 | ppb |
| Krypton | 83-1 | | | | | | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 26.26 | 26.12 | 26.60 | 26.33 | 0.94 | ppb |
| Lead | 207-1 | 24.95 | 24.72 | 25.23 | 24.97 | 1.02 | ppb |
| Lead | 208-1 | 25.36 | 25.16 | 25.65 | 25.39 | 0.98 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 23029.47 | 23206.56 | 22824.53 | 23020.19 | 0.83 | ppb |
| Manganese | 55-2 | 1121.79 | 1102.96 | 1111.49 | 1112.08 | 0.85 | ppb |
| Molybdenum | 94-1 | 110.77 | 108.81 | 111.74 | 110.44 | 1.35 | ppb |
| Molybdenum | 95-1 | 0.53 | 0.54 | 0.54 | 0.54 | 1.34 | ppb |
| Molybdenum | 96-1 | 12.51 | 12.69 | 12.64 | 12.61 | 0.73 | ppb |
| Molybdenum | 97-1 | 0.56 | 0.56 | 0.52 | 0.55 | 4.25 | ppb |
| Molybdenum | 98-1 | 0.52 | 0.54 | 0.54 | 0.54 | 1.89 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 55.92 | 55.78 | 54.93 | 55.55 | 0.97 | ppb |
| Phosphorus | 31-2 | 1669.88 | 1648.90 | 1627.33 | 1648.70 | 1.29 | ppb |
| Potassium | 39-2 | 2082.87 | 2059.68 | 2026.71 | 2056.42 | 1.37 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.72 | 0.48 | 0.65 | 0.62 | 19.94 | ppb |
| Selenium | 77-2 | 11.72 | 9.18 | 12.35 | 11.08 | 15.12 | ppb |
| Selenium | 78-2 | 1.50 | 2.72 | 1.25 | 1.83 | 43.23 | ppb |
| Silicon | 28-1 | 867.19 | 856.89 | 868.40 | 864.16 | 0.73 | ppb |
| Silver | 107-1 | 0.13 | 0.13 | 0.12 | 0.12 | 4.02 | ppb |
| Silver | 109-1 | 0.08 | 0.08 | 0.08 | 0.08 | 1.93 | ppb |
| Sodium | 23-2 | 760.37 | 760.09 | 756.82 | 759.09 | 0.26 | ppb |
| Strontium | 86-1 | 3041.69 | 3024.18 | 3070.32 | 3045.40 | 0.76 | ppb |
| Strontium | 88-1 | 3100.30 | 3112.15 | 3117.53 | 3109.99 | 0.28 | ppb |
| Sulfur | 34-1 | -976.79 | -1060.92 | -1018.34 | -1018.68 | | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.18 | 0.16 | 0.16 | 0.17 | 4.66 | ppb |
| Thallium | 205-1 | 0.16 | 0.17 | 0.17 | 0.17 | 3.75 | ppb |
| Tin | 118-1 | 1.28 | 1.22 | 1.22 | 1.24 | 2.88 | ppb |
| Titanium | 47-1 | 2391.94 | 2383.15 | 2406.80 | 2393.96 | 0.50 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.29 | 1.27 | 1.30 | 1.28 | 1.15 | ppb |
| Vanadium | 51-2 | 153.90 | 153.00 | 151.36 | 152.75 | 0.84 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 252.33 | 252.30 | 248.50 | 251.04 | 0.88 | ppb |
| Zirconium | 90-1 | 62.36 | 62.78 | 60.96 | 62.03 | 1.53 | ppb |
| Zirconium | 91-1 | 61.21 | 60.41 | 61.58 | 61.07 | 0.98 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:20:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9309.96 | 9495.08 | 9254.72 | 9353.25 | 1.35 | ppb |
| Antimony | 121-1 | 74.61 | 75.47 | 74.78 | 74.95 | 0.61 | ppb |
| Arsenic | 75-2 | 400.06 | 396.66 | 404.52 | 400.41 | 0.98 | ppb |
| Barium | 135-1 | 186.32 | 190.54 | 188.33 | 188.40 | 1.12 | ppb |
| Barium | 137-1 | 188.31 | 191.49 | 189.12 | 189.64 | 0.87 | ppb |
| Beryllium | 9-1 | 0.22 | 0.27 | 0.27 | 0.25 | 12.37 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.27 | 3.55 | 3.77 | 3.53 | 7.09 | ppb |
| Cadmium | 106-1 | 2.06 | 1.63 | 1.59 | 1.76 | 14.74 | ppb |
| Cadmium | 111-1 | 2.39 | 2.45 | 2.38 | 2.41 | 1.57 | ppb |
| Calcium | 43-1 | 6657.15 | 6624.39 | 6678.15 | 6653.23 | 0.41 | ppb |
| Calcium | 44-1 | 6574.85 | 6598.94 | 6479.45 | 6551.08 | 0.96 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 32.59 | 32.58 | 32.94 | 32.70 | 0.63 | ppb |
| Cobalt | 59-2 | 34.57 | 34.75 | 34.75 | 34.69 | 0.31 | ppb |
| Copper | 63-2 | 5592.74 | 5544.40 | 5579.72 | 5572.29 | 0.45 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 37647.57 | 37910.19 | 37973.63 | 37843.80 | 0.46 | ppb |
| Iron | 57-2 | 36936.65 | 37578.29 | 37292.08 | 37269.01 | 0.86 | ppb |
| Iron | 54-2 | 37488.20 | 37916.20 | 38043.69 | 37816.03 | 0.77 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:20:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 533.17 | 539.33 | 533.70 | 535.40 | 0.64 | ppb |
| Lead | 207-1 | 525.63 | 530.92 | 524.00 | 526.85 | 0.69 | ppb |
| Lead | 208-1 | 523.37 | 532.87 | 524.81 | 527.02 | 0.97 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 5872.47 | 5893.02 | 5875.26 | 5880.25 | 0.19 | ppb |
| Manganese | 55-2 | 780.80 | 780.94 | 789.11 | 783.62 | 0.61 | ppb |
| Molybdenum | 94-1 | 16.62 | 16.93 | 16.73 | 16.76 | 0.94 | ppb |
| Molybdenum | 95-1 | 9.95 | 10.24 | 10.13 | 10.11 | 1.47 | ppb |
| Molybdenum | 96-1 | 11.12 | 11.29 | 11.23 | 11.21 | 0.79 | ppb |
| Molybdenum | 97-1 | 10.22 | 10.47 | 10.40 | 10.36 | 1.21 | ppb |
| Molybdenum | 98-1 | 10.22 | 10.23 | 10.29 | 10.24 | 0.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 29.49 | 28.96 | 28.80 | 29.08 | 1.24 | ppb |
| Phosphorus | 31-2 | 761.20 | 781.70 | 778.48 | 773.79 | 1.42 | ppb |
| Potassium | 39-2 | 2144.18 | 2175.89 | 2131.57 | 2150.55 | 1.06 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 2.31 | 2.35 | 2.22 | 2.30 | 2.96 | ppb |
| Selenium | 77-2 | 5.62 | 4.57 | 5.55 | 5.25 | 11.27 | ppb |
| Selenium | 78-2 | 0.36 | 2.12 | 2.47 | 1.65 | 68.66 | ppb |
| Silicon | 28-1 | 1142.68 | 1146.49 | 1140.29 | 1143.16 | 0.27 | ppb |
| Silver | 107-1 | 9.90 | 10.16 | 10.12 | 10.06 | 1.43 | ppb |
| Silver | 109-1 | 9.90 | 9.91 | 9.94 | 9.91 | 0.21 | ppb |
| Sodium | 23-2 | 13572.99 | 13455.93 | 13532.72 | 13520.55 | 0.44 | ppb |
| Strontium | 86-1 | 1662.60 | 1678.25 | 1678.18 | 1673.01 | 0.54 | ppb |
| Strontium | 88-1 | 1720.57 | 1751.91 | 1739.35 | 1737.28 | 0.91 | ppb |
| Sulfur | 34-1 | 13416.07 | 13727.60 | 13327.24 | 13490.30 | 1.56 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.69 | 0.68 | 0.69 | 0.69 | 1.07 | ppb |
| Thallium | 205-1 | 0.67 | 0.70 | 0.70 | 0.69 | 1.93 | ppb |
| Tin | 118-1 | 46.85 | 47.83 | 47.37 | 47.35 | 1.04 | ppb |
| Titanium | 47-1 | 448.71 | 453.16 | 451.59 | 451.15 | 0.50 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:20:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.25 | 1.28 | 1.27 | 1.27 | 0.97 | ppb |
| Vanadium | 51-2 | 36.28 | 36.36 | 36.70 | 36.45 | 0.62 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 1699.69 | 1696.23 | 1704.50 | 1700.14 | 0.24 | ppb |
| Zirconium | 90-1 | 4.56 | 4.55 | 4.52 | 4.54 | 0.47 | ppb |
| Zirconium | 91-1 | 4.60 | 4.80 | 4.66 | 4.68 | 2.15 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 38525.88 | 38884.10 | 39117.77 | 38842.58 | 0.77 | ppb |
| Antimony | 121-1 | 0.13 | 0.12 | 0.14 | 0.13 | 4.59 | ppb |
| Arsenic | 75-2 | 6.02 | 6.18 | 6.39 | 6.19 | 2.99 | ppb |
| Barium | 135-1 | 220.02 | 224.34 | 228.97 | 224.44 | 1.99 | ppb |
| Barium | 137-1 | 222.69 | 227.72 | 231.78 | 227.39 | 2.00 | ppb |
| Beryllium | 9-1 | 1.02 | 0.95 | 0.94 | 0.97 | 4.55 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.56 | 4.82 | 4.50 | 4.63 | 3.64 | ppb |
| Cadmium | 106-1 | 7.08 | 8.40 | 7.90 | 7.79 | 8.58 | ppb |
| Cadmium | 111-1 | 0.66 | 0.73 | 0.71 | 0.70 | 4.92 | ppb |
| Calcium | 43-1 | 11416.82 | 11692.03 | 11794.82 | 11634.56 | 1.68 | ppb |
| Calcium | 44-1 | 11289.82 | 11384.00 | 11418.34 | 11364.05 | 0.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 35.36 | 35.53 | 35.93 | 35.61 | 0.82 | ppb |
| Cobalt | 59-2 | 24.96 | 25.21 | 25.09 | 25.09 | 0.50 | ppb |
| Copper | 63-2 | 58.14 | 59.13 | 58.70 | 58.66 | 0.85 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 51184.18 | 51590.86 | 51481.11 | 51418.72 | 0.41 | ppb |
| Iron | 57-2 | 50660.04 | 50828.07 | 50675.02 | 50721.04 | 0.18 | ppb |
| Iron | 54-2 | 50920.71 | 51257.62 | 51791.86 | 51323.40 | 0.86 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 45.95 | 46.32 | 46.75 | 46.34 | 0.86 | ppb |
| Lead | 207-1 | 43.33 | 44.07 | 44.30 | 43.90 | 1.16 | ppb |
| Lead | 208-1 | 44.05 | 44.87 | 45.15 | 44.69 | 1.28 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 13856.87 | 13855.41 | 13865.60 | 13859.29 | 0.04 | ppb |
| Manganese | 55-2 | 861.34 | 859.39 | 853.41 | 858.05 | 0.48 | ppb |
| Molybdenum | 94-1 | 95.21 | 95.87 | 98.02 | 96.37 | 1.53 | ppb |
| Molybdenum | 95-1 | 0.49 | 0.52 | 0.50 | 0.50 | 3.08 | ppb |
| Molybdenum | 96-1 | 10.76 | 11.02 | 11.20 | 10.99 | 1.99 | ppb |
| Molybdenum | 97-1 | 0.54 | 0.55 | 0.50 | 0.53 | 5.23 | ppb |
| Molybdenum | 98-1 | 0.52 | 0.52 | 0.54 | 0.53 | 1.51 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 37.87 | 37.99 | 38.00 | 37.95 | 0.18 | ppb |
| Phosphorus | 31-2 | 1219.48 | 1245.29 | 1203.86 | 1222.88 | 1.71 | ppb |
| Potassium | 39-2 | 1682.94 | 1696.71 | 1693.02 | 1690.89 | 0.42 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.49 | 0.71 | 0.54 | 0.58 | 20.45 | ppb |
| Selenium | 77-2 | 4.01 | 5.14 | 4.84 | 4.66 | 12.67 | ppb |
| Selenium | 78-2 | -0.01 | 0.68 | 2.88 | 1.18 | 127.66 | ppb |
| Silicon | 28-1 | 657.70 | 666.58 | 676.68 | 666.98 | 1.42 | ppb |
| Silver | 107-1 | 0.11 | 0.10 | 0.12 | 0.11 | 5.96 | ppb |
| Silver | 109-1 | 0.07 | 0.07 | 0.07 | 0.07 | 5.94 | ppb |
| Sodium | 23-2 | 484.09 | 489.70 | 488.66 | 487.48 | 0.61 | ppb |
| Strontium | 86-1 | 3180.04 | 3202.04 | 3249.51 | 3210.53 | 1.11 | ppb |
| Strontium | 88-1 | 3330.76 | 3294.06 | 3323.74 | 3316.19 | 0.59 | ppb |
| Sulfur | 34-1 | -1092.40 | -1036.08 | -1035.05 | -1054.51 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.15 | 0.16 | 0.15 | 0.15 | 3.38 | ppb |
| Thallium | 205-1 | 0.14 | 0.15 | 0.15 | 0.15 | 4.53 | ppb |
| Tin | 118-1 | 1.55 | 1.66 | 1.68 | 1.63 | 4.22 | ppb |
| Titanium | 47-1 | 1418.37 | 1426.63 | 1449.06 | 1431.35 | 1.11 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.02 | 1.05 | 1.05 | 1.04 | 1.60 | ppb |
| Vanadium | 51-2 | 120.97 | 121.84 | 121.59 | 121.47 | 0.37 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 333.72 | 337.25 | 339.67 | 336.88 | 0.89 | ppb |
| Zirconium | 90-1 | 52.26 | 52.63 | 53.53 | 52.81 | 1.24 | ppb |
| Zirconium | 91-1 | 52.97 | 53.46 | 54.20 | 53.54 | 1.16 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:26:35 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 34097.42 | 34228.17 | 34362.85 | 34229.48 | 0.39 | ppb |
| Antimony | 121-1 | 0.11 | 0.11 | 0.12 | 0.11 | 7.66 | ppb |
| Arsenic | 75-2 | 8.04 | 8.28 | 8.68 | 8.34 | 3.88 | ppb |
| Barium | 135-1 | 271.28 | 268.08 | 267.41 | 268.93 | 0.77 | ppb |
| Barium | 137-1 | 274.22 | 272.43 | 269.37 | 272.01 | 0.90 | ppb |
| Beryllium | 9-1 | 1.07 | 1.02 | 1.04 | 1.04 | 2.40 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.91 | 3.57 | 4.08 | 3.85 | 6.65 | ppb |
| Cadmium | 106-1 | 6.02 | 6.54 | 7.60 | 6.72 | 11.98 | ppb |
| Cadmium | 111-1 | 0.28 | 0.32 | 0.36 | 0.32 | 11.51 | ppb |
| Calcium | 43-1 | 16697.93 | 16409.90 | 16389.25 | 16499.03 | 1.05 | ppb |
| Calcium | 44-1 | 16052.68 | 16134.30 | 15885.06 | 16024.01 | 0.79 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 46.17 | 46.01 | 46.32 | 46.17 | 0.34 | ppb |
| Cobalt | 59-2 | 32.85 | 32.47 | 32.75 | 32.69 | 0.60 | ppb |
| Copper | 63-2 | 96.94 | 96.49 | 96.76 | 96.73 | 0.23 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 58455.68 | 58252.81 | 58246.99 | 58318.49 | 0.20 | ppb |
| Iron | 57-2 | 57332.33 | 57333.96 | 57839.16 | 57501.82 | 0.51 | ppb |
| Iron | 54-2 | 58446.93 | 57972.78 | 58137.29 | 58185.67 | 0.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:26:35 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 37.55 | 37.65 | 37.01 | 37.40 | 0.92 | ppb |
| Lead | 207-1 | 35.35 | 36.06 | 35.11 | 35.51 | 1.39 | ppb |
| Lead | 208-1 | 36.03 | 36.49 | 35.94 | 36.15 | 0.83 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 14100.17 | 14030.22 | 14050.73 | 14060.37 | 0.26 | ppb |
| Manganese | 55-2 | 1571.63 | 1563.57 | 1559.52 | 1564.91 | 0.39 | ppb |
| Molybdenum | 94-1 | 81.77 | 82.43 | 83.00 | 82.40 | 0.75 | ppb |
| Molybdenum | 95-1 | 0.48 | 0.49 | 0.52 | 0.49 | 3.91 | ppb |
| Molybdenum | 96-1 | 9.47 | 9.50 | 9.54 | 9.50 | 0.37 | ppb |
| Molybdenum | 97-1 | 0.50 | 0.52 | 0.50 | 0.50 | 2.14 | ppb |
| Molybdenum | 98-1 | 0.47 | 0.48 | 0.46 | 0.47 | 2.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 40.48 | 40.34 | 40.68 | 40.50 | 0.43 | ppb |
| Phosphorus | 31-2 | 1850.62 | 1771.71 | 1797.54 | 1806.62 | 2.23 | ppb |
| Potassium | 39-2 | 2623.91 | 2616.63 | 2631.45 | 2624.00 | 0.28 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.37 | 0.66 | 0.70 | 0.58 | 31.69 | ppb |
| Selenium | 77-2 | 4.44 | 7.64 | 4.65 | 5.58 | 32.05 | ppb |
| Selenium | 78-2 | -0.28 | 0.49 | 0.69 | 0.30 | 170.35 | ppb |
| Silicon | 28-1 | 593.65 | 590.66 | 584.51 | 589.60 | 0.79 | ppb |
| Silver | 107-1 | 0.14 | 0.14 | 0.13 | 0.14 | 3.87 | ppb |
| Silver | 109-1 | 0.11 | 0.11 | 0.11 | 0.11 | 1.32 | ppb |
| Sodium | 23-2 | 394.60 | 388.75 | 394.67 | 392.67 | 0.87 | ppb |
| Strontium | 86-1 | 3361.55 | 3356.55 | 3400.03 | 3372.71 | 0.71 | ppb |
| Strontium | 88-1 | 3442.14 | 3425.08 | 3451.32 | 3439.51 | 0.39 | ppb |
| Sulfur | 34-1 | -786.63 | -844.92 | -820.37 | -817.31 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.23 | 0.24 | 0.24 | 0.24 | 2.23 | ppb |
| Thallium | 205-1 | 0.24 | 0.24 | 0.24 | 0.24 | 1.70 | ppb |
| Tin | 118-1 | 1.38 | 1.32 | 1.30 | 1.33 | 2.91 | ppb |
| Titanium | 47-1 | 873.98 | 876.31 | 887.20 | 879.17 | 0.80 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:26:35 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.11 | 1.14 | 1.11 | 1.12 | 1.81 | ppb |
| Vanadium | 51-2 | 154.13 | 152.98 | 154.65 | 153.92 | 0.56 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 143.64 | 144.69 | 145.89 | 144.74 | 0.78 | ppb |
| Zirconium | 90-1 | 44.96 | 45.51 | 45.57 | 45.35 | 0.74 | ppb |
| Zirconium | 91-1 | 45.40 | 45.32 | 45.74 | 45.49 | 0.48 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21131.17 | 21389.92 | 21187.89 | 21236.33 | 0.64 | ppb |
| Antimony | 121-1 | 0.13 | 0.14 | 0.15 | 0.14 | 9.69 | ppb |
| Arsenic | 75-2 | 6.34 | 6.77 | 6.16 | 6.43 | 4.86 | ppb |
| Barium | 135-1 | 187.92 | 200.81 | 209.30 | 199.35 | 5.40 | ppb |
| Barium | 137-1 | 190.76 | 202.06 | 212.64 | 201.82 | 5.42 | ppb |
| Beryllium | 9-1 | 0.73 | 0.78 | 0.84 | 0.78 | 7.20 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.62 | 3.86 | 4.25 | 3.91 | 8.16 | ppb |
| Cadmium | 106-1 | 7.19 | 7.00 | 7.16 | 7.12 | 1.44 | ppb |
| Cadmium | 111-1 | 0.55 | 0.57 | 0.61 | 0.58 | 4.73 | ppb |
| Calcium | 43-1 | 10122.93 | 10757.60 | 11296.79 | 10725.77 | 5.48 | ppb |
| Calcium | 44-1 | 9968.99 | 10468.72 | 11086.66 | 10508.13 | 5.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 29.81 | 30.05 | 29.55 | 29.80 | 0.84 | ppb |
| Cobalt | 59-2 | 24.01 | 24.17 | 23.83 | 24.00 | 0.70 | ppb |
| Copper | 63-2 | 46.23 | 46.27 | 46.17 | 46.23 | 0.11 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 57251.07 | 56904.46 | 57169.12 | 57108.22 | 0.32 | ppb |
| Iron | 57-2 | 56101.41 | 56538.81 | 56556.74 | 56398.98 | 0.46 | ppb |
| Iron | 54-2 | 57457.09 | 56929.04 | 56751.22 | 57045.78 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35.74 | 38.29 | 39.82 | 37.95 | 5.43 | ppb |
| Lead | 207-1 | 34.36 | 36.83 | 38.55 | 36.58 | 5.77 | ppb |
| Lead | 208-1 | 34.73 | 37.27 | 39.13 | 37.04 | 5.97 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 11083.70 | 11018.85 | 11156.70 | 11086.42 | 0.62 | ppb |
| Manganese | 55-2 | 695.44 | 698.90 | 703.03 | 699.12 | 0.54 | ppb |
| Molybdenum | 94-1 | 71.46 | 75.19 | 78.92 | 75.19 | 4.96 | ppb |
| Molybdenum | 95-1 | 0.67 | 0.72 | 0.73 | 0.71 | 4.38 | ppb |
| Molybdenum | 96-1 | 8.46 | 9.03 | 9.33 | 8.94 | 4.92 | ppb |
| Molybdenum | 97-1 | 0.66 | 0.70 | 0.74 | 0.70 | 5.29 | ppb |
| Molybdenum | 98-1 | 0.63 | 0.69 | 0.75 | 0.69 | 8.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 36.57 | 36.58 | 36.36 | 36.50 | 0.34 | ppb |
| Phosphorus | 31-2 | 1799.17 | 1783.23 | 1757.42 | 1779.94 | 1.18 | ppb |
| Potassium | 39-2 | 1547.13 | 1559.20 | 1555.83 | 1554.06 | 0.40 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 0.53 | 0.92 | 0.21 | 0.56 | 64.01 | ppb |
| Selenium | 77-2 | 8.46 | 7.34 | 8.01 | 7.94 | 7.10 | ppb |
| Selenium | 78-2 | 0.04 | 2.30 | 0.37 | 0.90 | 135.46 | ppb |
| Silicon | 28-1 | 462.12 | 483.43 | 518.23 | 487.93 | 5.80 | ppb |
| Silver | 107-1 | 0.10 | 0.09 | 0.10 | 0.10 | 5.53 | ppb |
| Silver | 109-1 | 0.06 | 0.07 | 0.08 | 0.07 | 7.52 | ppb |
| Sodium | 23-2 | 651.07 | 654.96 | 647.10 | 651.05 | 0.60 | ppb |
| Strontium | 86-1 | 2037.03 | 2156.96 | 2266.40 | 2153.46 | 5.33 | ppb |
| Strontium | 88-1 | 2103.56 | 2262.87 | 2308.52 | 2224.98 | 4.84 | ppb |
| Sulfur | 34-1 | -919.44 | -765.29 | -527.90 | -737.54 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.17 | 0.20 | 0.18 | 0.18 | 7.69 | ppb |
| Thallium | 205-1 | 0.17 | 0.18 | 0.20 | 0.19 | 7.83 | ppb |
| Tin | 118-1 | 1.17 | 1.25 | 1.31 | 1.24 | 5.69 | ppb |
| Titanium | 47-1 | 3534.96 | 3714.34 | 3947.35 | 3732.22 | 5.54 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.26 | 1.33 | 1.42 | 1.34 | 5.84 | ppb |
| Vanadium | 51-2 | 158.20 | 158.32 | 157.09 | 157.87 | 0.43 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 248.12 | 248.81 | 247.94 | 248.29 | 0.18 | ppb |
| Zirconium | 90-1 | 38.74 | 41.51 | 42.95 | 41.07 | 5.21 | ppb |
| Zirconium | 91-1 | 38.92 | 41.76 | 43.51 | 41.40 | 5.59 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18534.84 | 18353.92 | 18202.65 | 18363.81 | 0.91 | ppb |
| Antimony | 121-1 | 0.13 | 0.13 | 0.12 | 0.13 | 5.50 | ppb |
| Arsenic | 75-2 | 9.87 | 10.05 | 9.47 | 9.80 | 3.03 | ppb |
| Barium | 135-1 | 141.79 | 145.23 | 142.73 | 143.25 | 1.24 | ppb |
| Barium | 137-1 | 143.52 | 146.84 | 145.14 | 145.17 | 1.14 | ppb |
| Beryllium | 9-1 | 0.71 | 0.75 | 0.71 | 0.72 | 2.99 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.27 | 3.62 | 2.97 | 3.29 | 9.89 | ppb |
| Cadmium | 106-1 | 6.91 | 7.16 | 6.31 | 6.79 | 6.47 | ppb |
| Cadmium | 111-1 | 0.29 | 0.34 | 0.33 | 0.32 | 7.94 | ppb |
| Calcium | 43-1 | 13271.83 | 13333.52 | 13486.89 | 13364.08 | 0.83 | ppb |
| Calcium | 44-1 | 13029.88 | 13155.37 | 13279.73 | 13154.99 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 25.38 | 25.34 | 25.19 | 25.30 | 0.40 | ppb |
| Cobalt | 59-2 | 24.11 | 24.13 | 23.53 | 23.92 | 1.42 | ppb |
| Copper | 63-2 | 60.63 | 60.44 | 59.58 | 60.22 | 0.93 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 54445.31 | 54147.00 | 54140.53 | 54244.28 | 0.32 | ppb |
| Iron | 57-2 | 53654.81 | 53408.50 | 53294.95 | 53452.75 | 0.34 | ppb |
| Iron | 54-2 | 54550.24 | 54794.68 | 53670.39 | 54338.44 | 1.09 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 39.43 | 40.31 | 39.55 | 39.76 | 1.20 | ppb |
| Lead | 207-1 | 37.80 | 38.36 | 38.19 | 38.12 | 0.76 | ppb |
| Lead | 208-1 | 38.63 | 39.24 | 38.52 | 38.80 | 0.99 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 12830.75 | 12625.76 | 12386.40 | 12614.30 | 1.76 | ppb |
| Manganese | 55-2 | 794.24 | 788.59 | 778.04 | 786.96 | 1.04 | ppb |
| Molybdenum | 94-1 | 68.17 | 68.43 | 68.29 | 68.30 | 0.19 | ppb |
| Molybdenum | 95-1 | 0.78 | 0.76 | 0.74 | 0.76 | 2.78 | ppb |
| Molybdenum | 96-1 | 8.26 | 8.20 | 8.38 | 8.28 | 1.14 | ppb |
| Molybdenum | 97-1 | 0.77 | 0.74 | 0.73 | 0.75 | 2.89 | ppb |
| Molybdenum | 98-1 | 0.76 | 0.71 | 0.74 | 0.74 | 3.06 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 46.03 | 45.92 | 45.43 | 45.79 | 0.70 | ppb |
| Phosphorus | 31-2 | 2746.64 | 2724.29 | 2694.62 | 2721.85 | 0.96 | ppb |
| Potassium | 39-2 | 1071.40 | 1063.27 | 1060.26 | 1064.98 | 0.54 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.97 | 0.32 | 0.04 | 0.44 | 107.21 | ppb |
| Selenium | 77-2 | 9.76 | 9.95 | 12.59 | 10.77 | 14.70 | ppb |
| Selenium | 78-2 | 2.09 | 2.71 | 1.21 | 2.00 | 37.80 | ppb |
| Silicon | 28-1 | 460.54 | 459.44 | 465.36 | 461.78 | 0.68 | ppb |
| Silver | 107-1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.17 | ppb |
| Silver | 109-1 | 0.06 | 0.06 | 0.06 | 0.06 | 3.61 | ppb |
| Sodium | 23-2 | 715.09 | 709.33 | 698.33 | 707.58 | 1.20 | ppb |
| Strontium | 86-1 | 1876.79 | 1866.48 | 1867.70 | 1870.32 | 0.30 | ppb |
| Strontium | 88-1 | 1924.12 | 1941.31 | 1945.35 | 1936.93 | 0.58 | ppb |
| Sulfur | 34-1 | -937.04 | -889.74 | -792.09 | -872.95 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.16 | 0.17 | 0.16 | 0.16 | 3.65 | ppb |
| Thallium | 205-1 | 0.16 | 0.17 | 0.16 | 0.16 | 4.21 | ppb |
| Tin | 118-1 | 1.83 | 1.95 | 2.01 | 1.93 | 4.76 | ppb |
| Titanium | 47-1 | 2993.33 | 2984.12 | 3023.51 | 3000.32 | 0.69 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.03 | 1.02 | 1.02 | 1.02 | 0.33 | ppb |
| Vanadium | 51-2 | 135.80 | 135.65 | 133.68 | 135.04 | 0.88 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 118.98 | 117.22 | 118.32 | 118.17 | 0.75 | ppb |
| Zirconium | 90-1 | 37.27 | 37.15 | 37.56 | 37.33 | 0.55 | ppb |
| Zirconium | 91-1 | 37.61 | 37.37 | 37.58 | 37.52 | 0.34 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18277.68 | 18419.89 | 18267.72 | 18321.76 | 0.46 | ppb |
| Antimony | 121-1 | 0.11 | 0.12 | 0.12 | 0.12 | 3.65 | ppb |
| Arsenic | 75-2 | 8.83 | 9.50 | 9.41 | 9.25 | 3.96 | ppb |
| Barium | 135-1 | 134.71 | 143.80 | 143.16 | 140.55 | 3.61 | ppb |
| Barium | 137-1 | 135.27 | 144.62 | 143.69 | 141.19 | 3.65 | ppb |
| Beryllium | 9-1 | 0.66 | 0.63 | 0.73 | 0.67 | 8.15 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.48 | 3.21 | 3.49 | 3.39 | 4.80 | ppb |
| Cadmium | 106-1 | 6.96 | 6.83 | 6.89 | 6.89 | 0.98 | ppb |
| Cadmium | 111-1 | 0.25 | 0.33 | 0.31 | 0.30 | 14.32 | ppb |
| Calcium | 43-1 | 12502.76 | 13309.44 | 13348.49 | 13053.56 | 3.66 | ppb |
| Calcium | 44-1 | 12226.16 | 13047.41 | 12995.22 | 12756.26 | 3.60 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 25.54 | 25.24 | 25.02 | 25.27 | 1.04 | ppb |
| Cobalt | 59-2 | 23.70 | 23.80 | 23.69 | 23.73 | 0.26 | ppb |
| Copper | 63-2 | 59.71 | 59.78 | 60.22 | 59.90 | 0.47 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 53771.71 | 54109.29 | 53525.46 | 53802.15 | 0.54 | ppb |
| Iron | 57-2 | 52981.46 | 53435.44 | 52831.28 | 53082.73 | 0.59 | ppb |
| Iron | 54-2 | 54416.55 | 53950.15 | 54158.35 | 54175.02 | 0.43 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 36.80 | 39.53 | 39.92 | 38.75 | 4.38 | ppb |
| Lead | 207-1 | 35.31 | 38.22 | 37.78 | 37.10 | 4.23 | ppb |
| Lead | 208-1 | 35.95 | 38.55 | 38.49 | 37.66 | 3.94 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 12543.37 | 12616.53 | 12613.71 | 12591.20 | 0.33 | ppb |
| Manganese | 55-2 | 793.57 | 794.63 | 778.59 | 788.93 | 1.14 | ppb |
| Molybdenum | 94-1 | 63.87 | 69.38 | 68.82 | 67.36 | 4.50 | ppb |
| Molybdenum | 95-1 | 0.71 | 0.75 | 0.75 | 0.74 | 3.28 | ppb |
| Molybdenum | 96-1 | 7.63 | 8.51 | 8.38 | 8.17 | 5.80 | ppb |
| Molybdenum | 97-1 | 0.73 | 0.83 | 0.81 | 0.79 | 6.80 | ppb |
| Molybdenum | 98-1 | 0.72 | 0.77 | 0.77 | 0.76 | 3.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 45.35 | 45.68 | 45.59 | 45.54 | 0.37 | ppb |
| Phosphorus | 31-2 | 2671.74 | 2678.74 | 2653.22 | 2667.90 | 0.49 | ppb |
| Potassium | 39-2 | 1065.85 | 1064.88 | 1054.96 | 1061.90 | 0.57 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 105 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.51 | 0.77 | 0.73 | 0.67 | 20.85 | ppb |
| Selenium | 77-2 | 10.09 | 12.45 | 10.48 | 11.01 | 11.49 | ppb |
| Selenium | 78-2 | 1.04 | 3.03 | 2.88 | 2.32 | 47.84 | ppb |
| Silicon | 28-1 | 436.85 | 463.23 | 459.69 | 453.25 | 3.16 | ppb |
| Silver | 107-1 | 0.08 | 0.09 | 0.10 | 0.09 | 6.50 | ppb |
| Silver | 109-1 | 0.06 | 0.06 | 0.06 | 0.06 | 5.36 | ppb |
| Sodium | 23-2 | 711.89 | 701.58 | 706.61 | 706.70 | 0.73 | ppb |
| Strontium | 86-1 | 1744.61 | 1888.08 | 1872.71 | 1835.13 | 4.29 | ppb |
| Strontium | 88-1 | 1812.96 | 1934.90 | 1903.55 | 1883.80 | 3.36 | ppb |
| Sulfur | 34-1 | -1057.05 | -842.92 | -830.63 | -910.20 | | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.16 | 0.17 | 0.15 | 0.16 | 5.36 | ppb |
| Thallium | 205-1 | 0.15 | 0.17 | 0.17 | 0.16 | 5.78 | ppb |
| Tin | 118-1 | 1.77 | 2.02 | 2.05 | 1.95 | 7.82 | ppb |
| Titanium | 47-1 | 2784.46 | 3004.81 | 2980.51 | 2923.26 | 4.13 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.95 | 1.03 | 1.01 | 1.00 | 4.01 | ppb |
| Vanadium | 51-2 | 134.01 | 133.31 | 132.99 | 133.44 | 0.39 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 117.13 | 117.48 | 115.90 | 116.84 | 0.71 | ppb |
| Zirconium | 90-1 | 34.63 | 37.53 | 37.32 | 36.49 | 4.42 | ppb |
| Zirconium | 91-1 | 34.91 | 38.01 | 37.98 | 36.97 | 4.82 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 17:39:29 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3606.13 | 3543.16 | 3592.75 | 3580.68 | 0.93 | ppb |
| Antimony | 121-1 | 0.03 | 0.03 | 0.02 | 0.02 | 22.03 | ppb |
| Arsenic | 75-2 | 2.04 | 1.91 | 1.95 | 1.97 | 3.17 | ppb |
| Barium | 135-1 | 28.60 | 28.90 | 28.62 | 28.71 | 0.58 | ppb |
| Barium | 137-1 | 28.81 | 29.40 | 29.02 | 29.08 | 1.04 | ppb |
| Beryllium | 9-1 | 0.15 | 0.14 | 0.18 | 0.16 | 15.77 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.72 | 0.81 | 0.59 | 0.71 | 15.33 | ppb |
| Cadmium | 106-1 | 1.46 | 2.01 | 0.14 | 1.20 | 80.11 | ppb |
| Cadmium | 111-1 | 0.06 | 0.06 | 0.05 | 0.06 | 14.29 | ppb |
| Calcium | 43-1 | 2735.66 | 2766.73 | 2736.83 | 2746.40 | 0.64 | ppb |
| Calcium | 44-1 | 2680.51 | 2688.92 | 2672.87 | 2680.77 | 0.30 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5.07 | 4.94 | 5.06 | 5.02 | 1.47 | ppb |
| Cobalt | 59-2 | 4.94 | 4.93 | 4.96 | 4.94 | 0.26 | ppb |
| Copper | 63-2 | 12.44 | 12.42 | 12.32 | 12.40 | 0.52 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 11055.57 | 10938.08 | 11161.14 | 11051.60 | 1.01 | ppb |
| Iron | 57-2 | 11087.36 | 10899.10 | 11035.52 | 11007.33 | 0.88 | ppb |
| Iron | 54-2 | 11194.31 | 11153.09 | 11222.02 | 11189.81 | 0.31 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 17:39:29 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7.88 | 7.94 | 7.81 | 7.88 | 0.81 | ppb |
| Lead | 207-1 | 7.50 | 7.48 | 7.54 | 7.51 | 0.47 | ppb |
| Lead | 208-1 | 7.64 | 7.61 | 7.66 | 7.64 | 0.32 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 2587.15 | 2553.25 | 2642.86 | 2594.42 | 1.74 | ppb |
| Manganese | 55-2 | 157.54 | 155.08 | 157.85 | 156.82 | 0.97 | ppb |
| Molybdenum | 94-1 | 14.20 | 14.32 | 14.40 | 14.31 | 0.70 | ppb |
| Molybdenum | 95-1 | 0.15 | 0.15 | 0.15 | 0.15 | 0.76 | ppb |
| Molybdenum | 96-1 | 1.68 | 1.75 | 1.70 | 1.71 | 2.06 | ppb |
| Molybdenum | 97-1 | 0.14 | 0.13 | 0.16 | 0.14 | 13.53 | ppb |
| Molybdenum | 98-1 | 0.14 | 0.14 | 0.14 | 0.14 | 0.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 9.71 | 9.33 | 9.18 | 9.41 | 2.89 | ppb |
| Phosphorus | 31-2 | 560.57 | 536.91 | 521.39 | 539.62 | 3.66 | ppb |
| Potassium | 39-2 | 224.75 | 216.69 | 221.56 | 221.00 | 1.84 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.48 | 0.24 | 0.36 | 0.36 | 32.86 | ppb |
| Selenium | 77-2 | 1.68 | 2.14 | 2.00 | 1.94 | 12.23 | ppb |
| Selenium | 78-2 | 1.22 | 0.26 | -0.24 | 0.41 | 180.27 | ppb |
| Silicon | 28-1 | 98.18 | 98.44 | 101.68 | 99.43 | 1.96 | ppb |
| Silver | 107-1 | 0.02 | 0.02 | 0.02 | 0.02 | 6.91 | ppb |
| Silver | 109-1 | 0.01 | 0.02 | 0.01 | 0.01 | 18.62 | ppb |
| Sodium | 23-2 | 148.75 | 148.32 | 148.01 | 148.36 | 0.25 | ppb |
| Strontium | 86-1 | 391.48 | 396.00 | 394.36 | 393.95 | 0.58 | ppb |
| Strontium | 88-1 | 393.84 | 395.49 | 394.31 | 394.55 | 0.22 | ppb |
| Sulfur | 34-1 | -925.67 | -879.10 | -869.36 | -891.38 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.03 | 0.05 | 0.04 | 0.04 | 17.56 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.04 | 0.04 | 5.59 | ppb |
| Tin | 118-1 | 0.43 | 0.43 | 0.45 | 0.44 | 2.34 | ppb |
| Titanium | 47-1 | 585.73 | 593.46 | 596.71 | 591.96 | 0.95 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 17:39:29 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.20 | 0.20 | 0.20 | 0.20 | 0.46 | ppb |
| Vanadium | 51-2 | 27.31 | 27.20 | 27.62 | 27.38 | 0.80 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 24.95 | 24.17 | 24.54 | 24.55 | 1.59 | ppb |
| Zirconium | 90-1 | 7.74 | 7.82 | 7.81 | 7.79 | 0.58 | ppb |
| Zirconium | 91-1 | 7.92 | 7.72 | 7.90 | 7.85 | 1.39 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:42:46 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18369.67 | 18513.98 | 18298.56 | 18394.07 | 0.60 | ppb |
| Antimony | 121-1 | 0.14 | 0.12 | 0.12 | 0.13 | 8.27 | ppb |
| Arsenic | 75-2 | 216.31 | 215.46 | 211.89 | 214.55 | 1.09 | ppb |
| Barium | 135-1 | 581.91 | 557.11 | 568.80 | 569.27 | 2.18 | ppb |
| Barium | 137-1 | 577.60 | 555.06 | 563.97 | 565.54 | 2.01 | ppb |
| Beryllium | 9-1 | 11.09 | 10.81 | 11.03 | 10.98 | 1.33 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 99.90 | 98.80 | 100.15 | 99.62 | 0.72 | ppb |
| Cadmium | 106-1 | 104.30 | 97.89 | 100.24 | 100.81 | 3.22 | ppb |
| Cadmium | 111-1 | 103.08 | 98.63 | 99.43 | 100.38 | 2.36 | ppb |
| Calcium | 43-1 | 13554.07 | 13043.22 | 13061.44 | 13219.58 | 2.19 | ppb |
| Calcium | 44-1 | 13202.19 | 12762.81 | 12728.75 | 12897.92 | 2.05 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 64.57 | 64.53 | 64.21 | 64.44 | 0.30 | ppb |
| Cobalt | 59-2 | 121.37 | 121.28 | 120.70 | 121.12 | 0.30 | ppb |
| Copper | 63-2 | 106.88 | 106.35 | 105.65 | 106.29 | 0.58 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 53664.25 | 53712.94 | 53451.48 | 53609.56 | 0.26 | ppb |
| Iron | 57-2 | 53442.76 | 52981.04 | 52184.26 | 52869.36 | 1.20 | ppb |
| Iron | 54-2 | 54155.91 | 53903.39 | 53187.58 | 53748.96 | 0.93 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:42:46 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 219.28 | 216.14 | 221.91 | 219.11 | 1.32 | ppb |
| Lead | 207-1 | 193.83 | 192.79 | 195.05 | 193.89 | 0.58 | ppb |
| Lead | 208-1 | 208.46 | 206.04 | 206.52 | 207.00 | 0.62 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 12439.95 | 12469.42 | 12413.15 | 12440.84 | 0.23 | ppb |
| Manganese | 55-2 | 876.95 | 879.67 | 870.36 | 875.66 | 0.55 | ppb |
| Molybdenum | 94-1 | 70.50 | 69.29 | 69.35 | 69.71 | 0.98 | ppb |
| Molybdenum | 95-1 | 2.69 | 2.62 | 2.54 | 2.61 | 2.91 | ppb |
| Molybdenum | 96-1 | 10.26 | 10.02 | 10.00 | 10.09 | 1.43 | ppb |
| Molybdenum | 97-1 | 2.73 | 2.64 | 2.60 | 2.66 | 2.56 | ppb |
| Molybdenum | 98-1 | 2.68 | 2.61 | 2.59 | 2.63 | 1.71 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 145.65 | 145.29 | 142.37 | 144.44 | 1.25 | ppb |
| Phosphorus | 31-2 | 2677.89 | 2696.40 | 2676.80 | 2683.70 | 0.41 | ppb |
| Potassium | 39-2 | 1058.23 | 1064.25 | 1048.33 | 1056.94 | 0.76 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 218.78 | 216.50 | 217.56 | 217.61 | 0.52 | ppb |
| Selenium | 77-2 | 238.34 | 231.95 | 224.76 | 231.68 | 2.93 | ppb |
| Selenium | 78-2 | 223.96 | 224.63 | 222.87 | 223.82 | 0.40 | ppb |
| Silicon | 28-1 | 461.31 | 444.84 | 439.30 | 448.48 | 2.55 | ppb |
| Silver | 107-1 | 10.46 | 10.17 | 10.39 | 10.34 | 1.48 | ppb |
| Silver | 109-1 | 10.34 | 10.06 | 10.20 | 10.20 | 1.41 | ppb |
| Sodium | 23-2 | 700.61 | 704.31 | 694.79 | 699.90 | 0.69 | ppb |
| Strontium | 86-1 | 1901.51 | 1837.61 | 1857.60 | 1865.57 | 1.75 | ppb |
| Strontium | 88-1 | 1949.77 | 1881.92 | 1895.75 | 1909.15 | 1.88 | ppb |
| Sulfur | 34-1 | -727.91 | -880.71 | -898.89 | -835.84 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 190.73 | 189.22 | 188.01 | 189.32 | 0.72 | ppb |
| Thallium | 205-1 | 188.85 | 186.74 | 189.01 | 188.20 | 0.67 | ppb |
| Tin | 118-1 | 1.98 | 1.88 | 1.93 | 1.93 | 2.62 | ppb |
| Titanium | 47-1 | 3051.60 | 2908.29 | 2979.77 | 2979.88 | 2.40 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:42:46 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.04 | 1.00 | 1.00 | 1.02 | 2.05 | ppb |
| Vanadium | 51-2 | 231.34 | 231.54 | 228.24 | 230.37 | 0.80 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 215.57 | 216.32 | 214.69 | 215.53 | 0.38 | ppb |
| Zirconium | 90-1 | 37.68 | 36.75 | 37.37 | 37.27 | 1.27 | ppb |
| Zirconium | 91-1 | 38.06 | 37.27 | 37.69 | 37.67 | 1.06 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:45:51 | DataFile Name : | 054CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1.18 | 0.85 | 0.60 | 0.88 | 32.82 | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | 149.39 | ppb |
| Arsenic | 75-2 | 0.00 | -0.01 | 0.01 | 0.00 | | ppb |
| Barium | 135-1 | 0.12 | 0.06 | 0.04 | 0.07 | 58.18 | ppb |
| Barium | 137-1 | 0.14 | 0.08 | 0.04 | 0.09 | 54.43 | ppb |
| Beryllium | 9-1 | 0.01 | -0.01 | -0.01 | 0.00 | | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.01 | 0.03 | -0.01 | 0.01 | 190.19 | ppb |
| Cadmium | 106-1 | 0.29 | -0.21 | -0.04 | 0.01 | 2084.53 | ppb |
| Cadmium | 111-1 | 0.03 | 0.01 | 0.01 | 0.02 | 67.66 | ppb |
| Calcium | 43-1 | 4.20 | 1.99 | 1.61 | 2.60 | 53.65 | ppb |
| Calcium | 44-1 | 3.92 | 2.47 | 2.09 | 2.83 | 34.19 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.12 | -0.12 | -0.07 | -0.10 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.04 | 0.06 | 0.04 | 0.05 | 21.86 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 2.27 | 1.76 | 1.48 | 1.84 | 21.94 | ppb |
| Iron | 57-2 | 0.98 | 2.39 | 1.51 | 1.63 | 43.60 | ppb |
| Iron | 54-2 | 2.12 | 1.04 | 1.72 | 1.63 | 33.82 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:45:51 | DataFile Name : | 054CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.09 | 0.06 | 0.04 | 0.06 | 38.29 | ppb |
| Lead | 207-1 | 0.08 | 0.05 | 0.04 | 0.06 | 38.08 | ppb |
| Lead | 208-1 | 0.08 | 0.05 | 0.04 | 0.06 | 32.04 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 0.02 | 0.03 | -0.09 | -0.01 | | ppb |
| Manganese | 55-2 | 0.13 | 0.12 | 0.12 | 0.12 | 2.87 | ppb |
| Molybdenum | 94-1 | 0.07 | 0.06 | 0.05 | 0.06 | 12.60 | ppb |
| Molybdenum | 95-1 | -0.03 | -0.03 | -0.02 | -0.03 | | ppb |
| Molybdenum | 96-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Molybdenum | 97-1 | -0.03 | -0.02 | -0.02 | -0.02 | | ppb |
| Molybdenum | 98-1 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.13 | -0.11 | -0.09 | -0.11 | | ppb |
| Phosphorus | 31-2 | -17.02 | -14.86 | -16.99 | -16.29 | | ppb |
| Potassium | 39-2 | 2.14 | 2.88 | 3.58 | 2.86 | 25.07 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.36 | -0.04 | 0.18 | 0.17 | 121.55 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.19 | -0.48 | -0.50 | -0.39 | | ppb |
| Silicon | 28-1 | -2.02 | -1.21 | -0.92 | -1.38 | | ppb |
| Silver | 107-1 | 0.02 | 0.01 | 0.01 | 0.01 | 20.76 | ppb |
| Silver | 109-1 | 0.02 | 0.02 | 0.01 | 0.02 | 17.20 | ppb |
| Sodium | 23-2 | 2.97 | 2.86 | 3.08 | 2.97 | 3.65 | ppb |
| Strontium | 86-1 | 0.38 | 0.57 | 0.22 | 0.39 | 45.94 | ppb |
| Strontium | 88-1 | 0.56 | 0.37 | 0.30 | 0.41 | 31.68 | ppb |
| Sulfur | 34-1 | -1117.70 | -961.10 | -967.61 | -1015.47 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.07 | 0.06 | 0.04 | 0.05 | 29.66 | ppb |
| Thallium | 205-1 | 0.07 | 0.05 | 0.04 | 0.06 | 28.55 | ppb |
| Tin | 118-1 | 0.04 | 0.03 | 0.04 | 0.04 | 9.13 | ppb |
| Titanium | 47-1 | 0.75 | 0.37 | 0.21 | 0.45 | 62.18 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:45:51 | DataFile Name : | 054CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 120.10 | ppb |
| Vanadium | 51-2 | 0.01 | 0.01 | 0.01 | 0.01 | 12.86 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 0.19 | 0.14 | 0.22 | 0.18 | 22.69 | ppb |
| Zirconium | 90-1 | 0.04 | 0.04 | 0.03 | 0.04 | 16.69 | ppb |
| Zirconium | 91-1 | 0.04 | 0.05 | 0.04 | 0.04 | 9.97 | ppb |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:49:11 | DataFile Name : | 055LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 37.84 | 41.89 | 36.06 | 38.60 | 7.74 | ppb |
| Antimony | 121-1 | 4.04 | 4.08 | 4.01 | 4.04 | 0.77 | ppb |
| Arsenic | 75-2 | 2.14 | 2.46 | 2.24 | 2.28 | 7.04 | ppb |
| Barium | 135-1 | 19.37 | 19.68 | 19.64 | 19.56 | 0.85 | ppb |
| Barium | 137-1 | 19.55 | 19.78 | 19.81 | 19.71 | 0.72 | ppb |
| Beryllium | 9-1 | 2.11 | 2.01 | 2.05 | 2.06 | 2.36 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.03 | 2.19 | 2.31 | 2.18 | 6.44 | ppb |
| Cadmium | 106-1 | 1.54 | 1.25 | 1.99 | 1.59 | 23.47 | ppb |
| Cadmium | 111-1 | 2.11 | 2.12 | 2.08 | 2.10 | 0.87 | ppb |
| Calcium | 43-1 | 1017.16 | 1043.00 | 1036.03 | 1032.06 | 1.30 | ppb |
| Calcium | 44-1 | 1023.30 | 1044.79 | 1035.24 | 1034.44 | 1.04 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.66 | 3.66 | 3.70 | 3.68 | 0.69 | ppb |
| Cobalt | 59-2 | 1.93 | 1.98 | 2.07 | 1.99 | 3.40 | ppb |
| Copper | 63-2 | 4.16 | 4.29 | 4.15 | 4.20 | 1.85 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 419.21 | 417.67 | 419.26 | 418.71 | 0.22 | ppb |
| Iron | 57-2 | 422.49 | 429.48 | 411.80 | 421.26 | 2.11 | ppb |
| Iron | 54-2 | 424.83 | 427.96 | 421.31 | 424.70 | 0.78 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:49:11 | DataFile Name : | 055LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.87 | 1.91 | 1.93 | 1.90 | 1.68 | ppb |
| Lead | 207-1 | 1.86 | 1.88 | 1.93 | 1.89 | 1.78 | ppb |
| Lead | 208-1 | 1.87 | 1.89 | 1.92 | 1.89 | 1.36 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 928.06 | 917.94 | 931.41 | 925.80 | 0.76 | ppb |
| Manganese | 55-2 | 2.03 | 2.16 | 2.09 | 2.09 | 3.28 | ppb |
| Molybdenum | 94-1 | 11.34 | 11.44 | 11.38 | 11.39 | 0.40 | ppb |
| Molybdenum | 95-1 | 9.47 | 9.55 | 9.48 | 9.50 | 0.49 | ppb |
| Molybdenum | 96-1 | 9.65 | 9.74 | 9.64 | 9.68 | 0.57 | ppb |
| Molybdenum | 97-1 | 9.43 | 9.69 | 9.66 | 9.60 | 1.48 | ppb |
| Molybdenum | 98-1 | 9.40 | 9.64 | 9.67 | 9.57 | 1.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.90 | 2.14 | 1.83 | 1.96 | 8.13 | ppb |
| Phosphorus | 31-2 | 35.65 | 29.47 | 33.16 | 32.76 | 9.50 | ppb |
| Potassium | 39-2 | 1015.75 | 1004.66 | 1015.67 | 1012.02 | 0.63 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 10.40 | 10.50 | 10.21 | 10.37 | 1.41 | ppb |
| Selenium | 77-2 | 10.04 | 10.23 | 9.27 | 9.85 | 5.20 | ppb |
| Selenium | 78-2 | 9.46 | 9.90 | 10.81 | 10.06 | 6.85 | ppb |
| Silicon | 28-1 | 2.98 | 3.36 | 3.10 | 3.15 | 6.12 | ppb |
| Silver | 107-1 | 2.06 | 2.12 | 2.08 | 2.09 | 1.38 | ppb |
| Silver | 109-1 | 2.02 | 2.06 | 2.11 | 2.06 | 2.12 | ppb |
| Sodium | 23-2 | 910.95 | 907.76 | 912.44 | 910.39 | 0.26 | ppb |
| Strontium | 86-1 | 47.78 | 48.72 | 48.52 | 48.34 | 1.02 | ppb |
| Strontium | 88-1 | 47.59 | 48.11 | 48.90 | 48.20 | 1.37 | ppb |
| Sulfur | 34-1 | -760.98 | -697.03 | -643.22 | -700.41 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 1.94 | 1.90 | 1.95 | 1.93 | 1.42 | ppb |
| Thallium | 205-1 | 1.88 | 1.90 | 1.90 | 1.89 | 0.63 | ppb |
| Tin | 118-1 | 10.22 | 10.29 | 10.40 | 10.31 | 0.88 | ppb |
| Titanium | 47-1 | 2.43 | 2.48 | 2.38 | 2.43 | 1.99 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:49:11 | DataFile Name : | 055LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.72 | 1.70 | 1.74 | 1.72 | 1.12 | ppb |
| Vanadium | 51-2 | 10.19 | 9.86 | 10.01 | 10.02 | 1.64 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 10.11 | 10.13 | 10.30 | 10.18 | 1.03 | ppb |
| Zirconium | 90-1 | 1.87 | 1.91 | 1.97 | 1.92 | 2.52 | ppb |
| Zirconium | 91-1 | 1.86 | 1.86 | 1.97 | 1.90 | 3.23 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.38 | 0.31 | 0.24 | 0.31 | 22.52 | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Arsenic | 75-2 | -0.01 | -0.02 | -0.02 | -0.02 | | ppb |
| Barium | 135-1 | 0.00 | 0.00 | 0.01 | 0.00 | 118.18 | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | 261.93 | ppb |
| Beryllium | 9-1 | -0.01 | 0.01 | 0.00 | 0.00 | 300.35 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.05 | -0.03 | -0.03 | 0.00 | | ppb |
| Cadmium | 106-1 | 0.15 | -0.54 | -0.04 | -0.14 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Calcium | 43-1 | 0.08 | 1.09 | 2.38 | 1.18 | 97.57 | ppb |
| Calcium | 44-1 | 2.19 | 1.17 | 1.42 | 1.59 | 33.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.13 | -0.15 | -0.12 | -0.14 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.04 | 0.05 | 0.06 | 0.05 | 17.37 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | -0.37 | -0.44 | -0.42 | -0.41 | | ppb |
| Iron | 57-2 | -0.67 | -0.07 | -0.54 | -0.43 | | ppb |
| Iron | 54-2 | 0.30 | -0.28 | -0.14 | -0.04 | | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.03 | 0.02 | 0.02 | 0.03 | 11.86 | ppb |
| Lead | 207-1 | 0.02 | 0.02 | 0.03 | 0.02 | 36.25 | ppb |
| Lead | 208-1 | 0.02 | 0.02 | 0.03 | 0.02 | 9.64 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | -0.21 | -0.05 | -0.13 | -0.13 | | ppb |
| Manganese | 55-2 | 0.11 | 0.09 | 0.09 | 0.10 | 13.44 | ppb |
| Molybdenum | 94-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Molybdenum | 95-1 | -0.03 | -0.03 | -0.03 | -0.03 | | ppb |
| Molybdenum | 96-1 | -0.02 | -0.02 | 0.00 | -0.01 | | ppb |
| Molybdenum | 97-1 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Molybdenum | 98-1 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.04 | -0.10 | -0.11 | -0.08 | | ppb |
| Phosphorus | 31-2 | -13.24 | -16.22 | -19.77 | -16.41 | | ppb |
| Potassium | 39-2 | 3.01 | 3.13 | 3.08 | 3.07 | 2.04 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.66 | -0.45 | -0.32 | -0.04 | | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | 0.29 | 0.62 | 0.09 | 0.33 | 80.64 | ppb |
| Silicon | 28-1 | -0.53 | -0.52 | -0.46 | -0.50 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 3.27 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 8.33 | ppb |
| Sodium | 23-2 | 2.04 | 1.48 | 1.94 | 1.82 | 16.47 | ppb |
| Strontium | 86-1 | 0.18 | 0.07 | 0.40 | 0.22 | 79.26 | ppb |
| Strontium | 88-1 | 0.17 | 0.11 | 0.17 | 0.15 | 23.07 | ppb |
| Sulfur | 34-1 | -614.55 | -628.52 | -528.34 | -590.47 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.01 | 0.02 | 0.01 | 0.01 | 30.84 | ppb |
| Thallium | 205-1 | 0.01 | 0.02 | 0.01 | 0.01 | 11.67 | ppb |
| Tin | 118-1 | 0.04 | 0.03 | 0.04 | 0.04 | 15.59 | ppb |
| Titanium | 47-1 | 0.01 | -0.01 | 0.02 | 0.01 | 203.76 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 40.46 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 0.37 | 0.37 | 0.35 | 0.36 | 3.77 | ppb |
| Zirconium | 90-1 | 0.01 | 0.00 | 0.01 | 0.01 | 35.48 | ppb |
| Zirconium | 91-1 | 0.02 | 0.02 | 0.02 | 0.02 | 4.62 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 38.41 | 38.16 | 38.32 | 38.29 | 0.33 | ppb |
| Antimony | 121-1 | 3.86 | 4.13 | 4.26 | 4.08 | 4.94 | ppb |
| Arsenic | 75-2 | 2.39 | 2.18 | 2.23 | 2.26 | 4.74 | ppb |
| Barium | 135-1 | 18.99 | 20.03 | 20.43 | 19.82 | 3.74 | ppb |
| Barium | 137-1 | 19.11 | 20.19 | 20.71 | 20.00 | 4.09 | ppb |
| Beryllium | 9-1 | 2.06 | 2.16 | 2.20 | 2.14 | 3.48 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.73 | 2.20 | 2.11 | 2.01 | 12.22 | ppb |
| Cadmium | 106-1 | 3.52 | 2.39 | 1.35 | 2.42 | 44.91 | ppb |
| Cadmium | 111-1 | 2.06 | 2.28 | 2.30 | 2.22 | 5.94 | ppb |
| Calcium | 43-1 | 979.31 | 1095.12 | 1096.30 | 1056.91 | 6.36 | ppb |
| Calcium | 44-1 | 988.99 | 1087.97 | 1090.73 | 1055.89 | 5.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.96 | 3.87 | 3.90 | 3.91 | 1.18 | ppb |
| Cobalt | 59-2 | 2.12 | 2.11 | 2.12 | 2.11 | 0.21 | ppb |
| Copper | 63-2 | 4.38 | 4.27 | 4.32 | 4.32 | 1.20 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 436.60 | 435.29 | 438.67 | 436.85 | 0.39 | ppb |
| Iron | 57-2 | 432.89 | 435.46 | 439.38 | 435.91 | 0.75 | ppb |
| Iron | 54-2 | 440.68 | 445.87 | 441.95 | 442.83 | 0.61 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.84 | 2.06 | 2.03 | 1.98 | 5.96 | ppb |
| Lead | 207-1 | 1.86 | 1.97 | 2.01 | 1.95 | 3.87 | ppb |
| Lead | 208-1 | 1.84 | 1.99 | 2.00 | 1.94 | 4.65 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 972.19 | 965.25 | 964.32 | 967.25 | 0.44 | ppb |
| Manganese | 55-2 | 2.13 | 2.17 | 2.08 | 2.13 | 2.03 | ppb |
| Molybdenum | 94-1 | 10.99 | 11.91 | 11.99 | 11.63 | 4.80 | ppb |
| Molybdenum | 95-1 | 9.25 | 9.86 | 10.05 | 9.72 | 4.33 | ppb |
| Molybdenum | 96-1 | 9.47 | 10.26 | 10.28 | 10.00 | 4.59 | ppb |
| Molybdenum | 97-1 | 9.23 | 9.94 | 10.23 | 9.80 | 5.27 | ppb |
| Molybdenum | 98-1 | 9.27 | 10.14 | 10.11 | 9.84 | 4.98 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.91 | 1.96 | 1.97 | 1.95 | 1.76 | ppb |
| Phosphorus | 31-2 | 30.80 | 35.08 | 32.28 | 32.72 | 6.63 | ppb |
| Potassium | 39-2 | 1058.96 | 1063.13 | 1058.78 | 1060.29 | 0.23 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 10.35 | 10.29 | 10.35 | 10.33 | 0.33 | ppb |
| Selenium | 77-2 | 10.88 | 10.58 | 11.09 | 10.85 | 2.33 | ppb |
| Selenium | 78-2 | 10.63 | 9.02 | 11.78 | 10.48 | 13.26 | ppb |
| Silicon | 28-1 | 2.08 | 3.90 | 3.95 | 3.31 | 32.19 | ppb |
| Silver | 107-1 | 2.05 | 2.14 | 2.25 | 2.15 | 4.62 | ppb |
| Silver | 109-1 | 1.98 | 2.12 | 2.18 | 2.09 | 4.99 | ppb |
| Sodium | 23-2 | 951.94 | 945.09 | 953.85 | 950.29 | 0.48 | ppb |
| Strontium | 86-1 | 48.97 | 54.41 | 51.68 | 51.68 | 5.26 | ppb |
| Strontium | 88-1 | 47.50 | 50.83 | 50.82 | 49.72 | 3.86 | ppb |
| Sulfur | 34-1 | -660.96 | -377.48 | -317.32 | -451.92 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 1.82 | 2.00 | 2.04 | 1.96 | 5.99 | ppb |
| Thallium | 205-1 | 1.81 | 2.01 | 2.00 | 1.94 | 5.82 | ppb |
| Tin | 118-1 | 10.01 | 10.56 | 10.75 | 10.44 | 3.65 | ppb |
| Titanium | 47-1 | 2.30 | 2.33 | 2.62 | 2.42 | 7.26 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.65 | 1.79 | 1.81 | 1.75 | 5.00 | ppb |
| Vanadium | 51-2 | 10.31 | 10.43 | 10.23 | 10.33 | 0.98 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 10.77 | 10.72 | 10.61 | 10.70 | 0.75 | ppb |
| Zirconium | 90-1 | 1.80 | 1.99 | 1.99 | 1.93 | 5.72 | ppb |
| Zirconium | 91-1 | 1.82 | 2.01 | 2.04 | 1.95 | 6.06 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 51006.57 | 51339.89 | 50859.32 | 51068.59 | 0.48 | ppb |
| Antimony | 121-1 | 494.24 | 505.62 | 497.78 | 499.21 | 1.17 | ppb |
| Arsenic | 75-2 | 500.44 | 491.18 | 489.51 | 493.71 | 1.19 | ppb |
| Barium | 135-1 | 2499.81 | 2570.12 | 2494.39 | 2521.44 | 1.68 | ppb |
| Barium | 137-1 | 2535.30 | 2547.85 | 2502.18 | 2528.44 | 0.93 | ppb |
| Beryllium | 9-1 | 478.71 | 488.88 | 487.72 | 485.10 | 1.15 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 487.10 | 498.98 | 487.99 | 491.36 | 1.35 | ppb |
| Cadmium | 106-1 | 492.12 | 499.69 | 488.40 | 493.40 | 1.17 | ppb |
| Cadmium | 111-1 | 469.74 | 482.46 | 474.31 | 475.50 | 1.36 | ppb |
| Calcium | 43-1 | 253955.30 | 255464.20 | 258819.98 | 256079.83 | 0.97 | ppb |
| Calcium | 44-1 | 252535.02 | 254955.20 | 255562.80 | 254351.00 | 0.63 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 509.13 | 501.04 | 505.61 | 505.26 | 0.80 | ppb |
| Cobalt | 59-2 | 491.49 | 490.82 | 493.96 | 492.09 | 0.34 | ppb |
| Copper | 63-2 | 4828.02 | 4839.05 | 4844.13 | 4837.07 | 0.17 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 87 | | % |
| Iron | 56-2 | 129238.90 | 128764.89 | 128441.81 | 128815.20 | 0.31 | ppb |
| Iron | 57-2 | 129348.07 | 128257.01 | 127133.98 | 128246.35 | 0.86 | ppb |
| Iron | 54-2 | 129492.08 | 129154.67 | 128232.97 | 128959.90 | 0.51 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2539.02 | 2550.34 | 2604.85 | 2564.74 | 1.37 | ppb |
| Lead | 207-1 | 2513.80 | 2561.74 | 2574.68 | 2550.07 | 1.26 | ppb |
| Lead | 208-1 | 2531.12 | 2564.77 | 2586.57 | 2560.82 | 1.09 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 250830.80 | 251548.60 | 251070.65 | 251150.02 | 0.15 | ppb |
| Manganese | 55-2 | 4994.54 | 4977.88 | 4972.74 | 4981.72 | 0.23 | ppb |
| Molybdenum | 94-1 | 5082.25 | 5036.82 | 5038.00 | 5052.36 | 0.51 | ppb |
| Molybdenum | 95-1 | 5071.18 | 5034.54 | 5054.48 | 5053.40 | 0.36 | ppb |
| Molybdenum | 96-1 | 5138.64 | 5072.14 | 5135.59 | 5115.46 | 0.73 | ppb |
| Molybdenum | 97-1 | 5147.32 | 5071.48 | 5087.98 | 5102.26 | 0.78 | ppb |
| Molybdenum | 98-1 | 5080.60 | 5050.79 | 5084.35 | 5071.91 | 0.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 472.63 | 471.93 | 473.35 | 472.64 | 0.15 | ppb |
| Phosphorus | 31-2 | 10077.25 | 9923.50 | 10030.79 | 10010.51 | 0.79 | ppb |
| Potassium | 39-2 | 124554.95 | 124253.19 | 124960.77 | 124589.64 | 0.28 | ppb |
| Rhodium | 103-1 | | | | 86 | | % |
| Rhodium | 103-2 | | | | 85 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 85 | | % |
| Selenium | 82-1 | 487.34 | 484.82 | 485.36 | 485.84 | 0.27 | ppb |
| Selenium | 77-2 | 476.52 | 468.41 | 488.19 | 477.71 | 2.08 | ppb |
| Selenium | 78-2 | 487.56 | 480.80 | 483.86 | 484.07 | 0.70 | ppb |
| Silicon | 28-1 | 249.89 | 256.08 | 252.94 | 252.97 | 1.22 | ppb |
| Silver | 107-1 | 485.13 | 492.50 | 480.73 | 486.12 | 1.22 | ppb |
| Silver | 109-1 | 484.15 | 489.14 | 479.80 | 484.36 | 0.96 | ppb |
| Sodium | 23-2 | 250553.36 | 253176.66 | 253089.68 | 252273.23 | 0.59 | ppb |
| Strontium | 86-1 | 12725.79 | 12838.33 | 12492.20 | 12685.44 | 1.39 | ppb |
| Strontium | 88-1 | 12596.04 | 12666.87 | 12716.79 | 12659.90 | 0.48 | ppb |
| Sulfur | 34-1 | 10130.03 | 10223.81 | 10310.97 | 10221.60 | 0.89 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 518.49 | 521.30 | 527.28 | 522.36 | 0.86 | ppb |
| Thallium | 205-1 | 510.18 | 515.35 | 521.23 | 515.58 | 1.07 | ppb |
| Tin | 118-1 | 491.08 | 504.05 | 493.77 | 496.30 | 1.38 | ppb |
| Titanium | 47-1 | 5017.07 | 5037.62 | 4996.83 | 5017.17 | 0.41 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 515.24 | 514.66 | 518.58 | 516.16 | 0.41 | ppb |
| Vanadium | 51-2 | 512.70 | 507.54 | 509.71 | 509.98 | 0.51 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 89 | | % |
| Zinc | 66-2 | 4785.13 | 4725.85 | 4734.97 | 4748.65 | 0.67 | ppb |
| Zirconium | 90-1 | 503.81 | 509.82 | 503.18 | 505.60 | 0.73 | ppb |
| Zirconium | 91-1 | 502.22 | 511.10 | 507.77 | 507.03 | 0.88 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.43 | 0.68 | 0.60 | 0.57 | 22.42 | ppb |
| Antimony | 121-1 | 0.02 | 0.03 | 0.02 | 0.02 | 18.01 | ppb |
| Arsenic | 75-2 | -0.02 | -0.01 | -0.02 | -0.02 | | ppb |
| Barium | 135-1 | 0.00 | 0.00 | -0.01 | -0.01 | | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | 31.39 | ppb |
| Beryllium | 9-1 | 0.02 | 0.00 | 0.01 | 0.01 | 70.60 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.02 | -0.01 | -0.04 | -0.01 | | ppb |
| Cadmium | 106-1 | -0.41 | -0.66 | -1.00 | -0.69 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.01 | -0.02 | -0.01 | | ppb |
| Calcium | 43-1 | 1.23 | 1.39 | -0.12 | 0.83 | 99.68 | ppb |
| Calcium | 44-1 | 1.30 | 1.13 | 0.79 | 1.07 | 24.24 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | -0.03 | 0.03 | -0.01 | | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.08 | 0.08 | 0.08 | 0.08 | 2.73 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 0.17 | 0.26 | 0.28 | 0.24 | 24.04 | ppb |
| Iron | 57-2 | -0.20 | -1.01 | -0.66 | -0.62 | | ppb |
| Iron | 54-2 | 0.05 | 0.26 | 0.22 | 0.18 | 63.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.80 | ppb |
| Lead | 207-1 | 0.01 | 0.01 | 0.02 | 0.01 | 31.28 | ppb |
| Lead | 208-1 | 0.02 | 0.02 | 0.02 | 0.02 | 13.09 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 0.17 | 0.08 | -0.02 | 0.08 | 122.17 | ppb |
| Manganese | 55-2 | 0.01 | 0.02 | 0.01 | 0.01 | 59.05 | ppb |
| Molybdenum | 94-1 | 0.02 | 0.05 | 0.03 | 0.03 | 50.61 | ppb |
| Molybdenum | 95-1 | 0.01 | 0.00 | 0.00 | 0.01 | 41.16 | ppb |
| Molybdenum | 96-1 | 0.01 | 0.02 | 0.02 | 0.02 | 13.19 | ppb |
| Molybdenum | 97-1 | 0.02 | 0.02 | 0.02 | 0.02 | 1.41 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.02 | 0.02 | 15.02 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.03 | -0.02 | 0.03 | -0.01 | | ppb |
| Phosphorus | 31-2 | -14.86 | -16.48 | -18.26 | -16.53 | | ppb |
| Potassium | 39-2 | 1.87 | 0.39 | 0.12 | 0.79 | 118.90 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | -0.14 | 0.07 | -0.03 | -0.03 | | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | 0.07 | 0.20 | -0.12 | 0.05 | 327.16 | ppb |
| Silicon | 28-1 | -3.38 | -3.00 | -3.18 | -3.19 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 30.35 | ppb |
| Silver | 109-1 | 0.01 | 0.00 | 0.00 | 0.00 | 20.32 | ppb |
| Sodium | 23-2 | 7.91 | 8.45 | 8.43 | 8.26 | 3.68 | ppb |
| Strontium | 86-1 | -0.14 | -0.31 | 0.11 | -0.11 | | ppb |
| Strontium | 88-1 | 0.04 | 0.05 | 0.04 | 0.04 | 10.94 | ppb |
| Sulfur | 34-1 | -52.07 | -28.52 | -45.44 | -42.01 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.02 | 0.01 | 0.02 | 0.02 | 15.61 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 8.41 | ppb |
| Tin | 118-1 | 0.02 | 0.01 | 0.01 | 0.01 | 58.80 | ppb |
| Titanium | 47-1 | 0.03 | 0.02 | 0.04 | 0.03 | 42.96 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 87.10 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 0.10 | 0.16 | 0.22 | 0.16 | 35.32 | ppb |
| Zirconium | 90-1 | 0.00 | 0.01 | 0.00 | 0.00 | 118.89 | ppb |
| Zirconium | 91-1 | 0.02 | 0.01 | 0.01 | 0.01 | 57.43 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.39 | 0.40 | 0.38 | 0.39 | 2.78 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.02 | 0.02 | 34.45 | ppb |
| Arsenic | 75-2 | 0.00 | -0.03 | -0.01 | -0.01 | | ppb |
| Barium | 135-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Barium | 137-1 | 0.01 | 0.00 | 0.00 | 0.00 | 57.74 | ppb |
| Beryllium | 9-1 | 0.01 | 0.01 | 0.02 | 0.01 | 73.93 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Cadmium | 106-1 | 0.38 | -0.12 | 0.21 | 0.15 | 164.48 | ppb |
| Cadmium | 111-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Calcium | 43-1 | 3.36 | 1.89 | 2.05 | 2.44 | 33.07 | ppb |
| Calcium | 44-1 | 0.50 | 0.94 | 0.93 | 0.79 | 31.48 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.16 | -0.17 | -0.16 | -0.16 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | 0.00 | -0.01 | | ppb |
| Copper | 63-2 | 0.04 | 0.03 | 0.05 | 0.04 | 26.28 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | -0.61 | -0.55 | -0.51 | -0.56 | | ppb |
| Iron | 57-2 | -1.27 | -1.59 | -0.84 | -1.23 | | ppb |
| Iron | 54-2 | -0.82 | -0.98 | -0.27 | -0.69 | | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.03 | 0.02 | 0.01 | 0.02 | 37.06 | ppb |
| Lead | 207-1 | 0.01 | 0.02 | 0.01 | 0.01 | 32.80 | ppb |
| Lead | 208-1 | 0.02 | 0.02 | 0.02 | 0.02 | 4.44 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | -0.02 | -0.48 | -0.04 | -0.18 | | ppb |
| Manganese | 55-2 | 0.09 | 0.10 | 0.09 | 0.10 | 7.49 | ppb |
| Molybdenum | 94-1 | 0.02 | -0.01 | 0.00 | 0.00 | 289.23 | ppb |
| Molybdenum | 95-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Molybdenum | 96-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Molybdenum | 97-1 | 0.00 | -0.01 | -0.01 | 0.00 | | ppb |
| Molybdenum | 98-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.10 | -0.12 | -0.09 | -0.11 | | ppb |
| Phosphorus | 31-2 | -12.61 | -15.06 | -15.02 | -14.23 | | ppb |
| Potassium | 39-2 | 1.54 | -1.71 | 2.04 | 0.62 | 326.81 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.12 | 0.12 | 0.00 | 0.08 | 90.48 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.35 | -0.46 | -1.21 | -0.67 | | ppb |
| Silicon | 28-1 | -2.68 | -2.56 | -2.47 | -2.57 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 88.32 | ppb |
| Silver | 109-1 | 0.01 | 0.00 | 0.00 | 0.00 | 50.16 | ppb |
| Sodium | 23-2 | 3.25 | 3.02 | 3.06 | 3.11 | 3.90 | ppb |
| Strontium | 86-1 | 0.05 | -0.07 | 0.05 | 0.01 | 636.51 | ppb |
| Strontium | 88-1 | 0.11 | 0.11 | 0.09 | 0.11 | 11.32 | ppb |
| Sulfur | 34-1 | -64.72 | 7.69 | 28.41 | -9.54 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.01 | 0.00 | 0.01 | 0.01 | 47.50 | ppb |
| Thallium | 205-1 | 0.01 | 0.02 | 0.02 | 0.02 | 18.17 | ppb |
| Tin | 118-1 | 0.05 | 0.02 | 0.04 | 0.04 | 39.81 | ppb |
| Titanium | 47-1 | 0.01 | -0.01 | 0.00 | 0.00 | 268.86 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 171.55 | ppb |
| Vanadium | 51-2 | -0.01 | -0.01 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 0.16 | 0.16 | 0.18 | 0.17 | 8.75 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 155.13 | ppb |
| Zirconium | 91-1 | 0.00 | 0.00 | 0.01 | 0.01 | 143.11 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 36.27 | 36.20 | 36.28 | 36.25 | 0.12 | ppb |
| Antimony | 121-1 | 3.89 | 3.78 | 3.82 | 3.83 | 1.37 | ppb |
| Arsenic | 75-2 | 2.06 | 2.21 | 2.01 | 2.09 | 5.09 | ppb |
| Barium | 135-1 | 18.78 | 18.17 | 18.18 | 18.38 | 1.87 | ppb |
| Barium | 137-1 | 18.95 | 18.38 | 18.36 | 18.56 | 1.82 | ppb |
| Beryllium | 9-1 | 1.98 | 2.03 | 1.91 | 1.98 | 3.00 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.31 | 1.93 | 1.91 | 2.05 | 10.88 | ppb |
| Cadmium | 106-1 | 3.19 | 1.72 | 1.22 | 2.04 | 50.29 | ppb |
| Cadmium | 111-1 | 2.00 | 2.01 | 2.03 | 2.01 | 0.72 | ppb |
| Calcium | 43-1 | 1006.20 | 972.43 | 972.16 | 983.60 | 1.99 | ppb |
| Calcium | 44-1 | 990.96 | 979.56 | 985.21 | 985.24 | 0.58 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.54 | 3.44 | 3.44 | 3.47 | 1.67 | ppb |
| Cobalt | 59-2 | 1.92 | 1.98 | 1.93 | 1.94 | 1.57 | ppb |
| Copper | 63-2 | 3.88 | 3.90 | 3.98 | 3.92 | 1.40 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 398.97 | 393.92 | 394.92 | 395.94 | 0.67 | ppb |
| Iron | 57-2 | 398.57 | 389.40 | 401.12 | 396.36 | 1.56 | ppb |
| Iron | 54-2 | 404.21 | 404.49 | 402.30 | 403.66 | 0.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.81 | 1.84 | 1.79 | 1.81 | 1.31 | ppb |
| Lead | 207-1 | 1.81 | 1.81 | 1.83 | 1.82 | 0.70 | ppb |
| Lead | 208-1 | 1.80 | 1.80 | 1.80 | 1.80 | 0.05 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 884.66 | 887.99 | 895.02 | 889.22 | 0.59 | ppb |
| Manganese | 55-2 | 1.93 | 1.97 | 2.02 | 1.97 | 2.20 | ppb |
| Molybdenum | 94-1 | 10.84 | 10.73 | 10.78 | 10.78 | 0.52 | ppb |
| Molybdenum | 95-1 | 9.12 | 9.20 | 9.11 | 9.14 | 0.51 | ppb |
| Molybdenum | 96-1 | 9.38 | 9.39 | 9.26 | 9.34 | 0.77 | ppb |
| Molybdenum | 97-1 | 9.20 | 9.03 | 9.05 | 9.09 | 1.03 | ppb |
| Molybdenum | 98-1 | 9.25 | 9.16 | 9.17 | 9.19 | 0.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.86 | 1.84 | 1.80 | 1.83 | 1.62 | ppb |
| Phosphorus | 31-2 | 32.66 | 26.76 | 34.38 | 31.27 | 12.79 | ppb |
| Potassium | 39-2 | 951.46 | 958.87 | 965.62 | 958.65 | 0.74 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 10.31 | 10.12 | 9.39 | 9.94 | 4.89 | ppb |
| Selenium | 77-2 | 10.63 | 11.70 | 9.40 | 10.57 | 10.89 | ppb |
| Selenium | 78-2 | 7.80 | 11.99 | 9.53 | 9.77 | 21.52 | ppb |
| Silicon | 28-1 | 1.42 | 1.36 | 1.59 | 1.46 | 8.14 | ppb |
| Silver | 107-1 | 1.95 | 1.95 | 1.93 | 1.95 | 0.71 | ppb |
| Silver | 109-1 | 1.94 | 1.94 | 1.93 | 1.94 | 0.16 | ppb |
| Sodium | 23-2 | 873.77 | 869.62 | 880.56 | 874.65 | 0.63 | ppb |
| Strontium | 86-1 | 48.02 | 47.32 | 45.84 | 47.06 | 2.37 | ppb |
| Strontium | 88-1 | 47.48 | 46.13 | 46.34 | 46.65 | 1.56 | ppb |
| Sulfur | 34-1 | 55.88 | 62.13 | 85.69 | 67.90 | 23.16 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 1.80 | 1.80 | 1.79 | 1.80 | 0.40 | ppb |
| Thallium | 205-1 | 1.81 | 1.82 | 1.78 | 1.80 | 1.06 | ppb |
| Tin | 118-1 | 9.77 | 9.61 | 9.64 | 9.68 | 0.83 | ppb |
| Titanium | 47-1 | 2.29 | 2.32 | 2.23 | 2.28 | 1.90 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.65 | 1.62 | 1.66 | 1.64 | 1.01 | ppb |
| Vanadium | 51-2 | 9.55 | 9.44 | 9.51 | 9.50 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 9.96 | 10.18 | 9.93 | 10.02 | 1.36 | ppb |
| Zirconium | 90-1 | 1.84 | 1.82 | 1.79 | 1.82 | 1.33 | ppb |
| Zirconium | 91-1 | 1.85 | 1.78 | 1.86 | 1.83 | 2.57 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:21:27 | DataFile Name : | 065CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.59 | 0.70 | 0.82 | 0.70 | 16.56 | ppb |
| Antimony | 121-1 | 0.00 | 0.01 | 0.00 | 0.01 | 46.77 | ppb |
| Arsenic | 75-2 | -0.03 | -0.02 | -0.03 | -0.02 | | ppb |
| Barium | 135-1 | 0.01 | 0.01 | 0.00 | 0.01 | 104.77 | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | 405.73 | ppb |
| Beryllium | 9-1 | 0.01 | -0.01 | 0.01 | 0.00 | 200.76 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.01 | -0.03 | 0.03 | 0.00 | | ppb |
| Cadmium | 106-1 | 0.91 | -0.03 | -0.33 | 0.19 | 349.74 | ppb |
| Cadmium | 111-1 | 0.02 | 0.00 | -0.01 | 0.00 | 419.89 | ppb |
| Calcium | 43-1 | 1.88 | 2.08 | 0.31 | 1.42 | 68.28 | ppb |
| Calcium | 44-1 | 1.15 | 0.81 | 0.99 | 0.98 | 17.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.13 | -0.16 | -0.16 | -0.15 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | 0.00 | -0.01 | | ppb |
| Copper | 63-2 | 0.02 | 0.04 | 0.02 | 0.03 | 49.30 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | -0.46 | -0.35 | -0.40 | -0.40 | | ppb |
| Iron | 57-2 | -1.38 | -0.90 | -0.36 | -0.88 | | ppb |
| Iron | 54-2 | -0.95 | -0.90 | -0.76 | -0.87 | | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:21:27 | DataFile Name : | 065CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.01 | 0.02 | 0.01 | 0.01 | 12.61 | ppb |
| Lead | 207-1 | 0.02 | 0.01 | 0.01 | 0.02 | 41.57 | ppb |
| Lead | 208-1 | 0.02 | 0.02 | 0.01 | 0.02 | 22.28 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | -0.16 | -0.04 | -0.03 | -0.08 | | ppb |
| Manganese | 55-2 | 0.08 | 0.09 | 0.10 | 0.09 | 12.57 | ppb |
| Molybdenum | 94-1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.13 | ppb |
| Molybdenum | 95-1 | -0.01 | -0.02 | -0.03 | -0.02 | | ppb |
| Molybdenum | 96-1 | 0.03 | 0.02 | 0.01 | 0.02 | 39.15 | ppb |
| Molybdenum | 97-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Molybdenum | 98-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.10 | -0.13 | -0.11 | -0.11 | | ppb |
| Phosphorus | 31-2 | -14.57 | -16.06 | -15.72 | -15.45 | | ppb |
| Potassium | 39-2 | 0.94 | 1.31 | 1.62 | 1.29 | 26.65 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | -0.01 | -0.01 | -0.08 | -0.03 | | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.02 | -0.21 | -0.34 | -0.19 | | ppb |
| Silicon | 28-1 | -2.22 | -1.97 | -1.98 | -2.06 | | ppb |
| Silver | 107-1 | 0.02 | 0.01 | 0.01 | 0.01 | 18.83 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 21.88 | ppb |
| Sodium | 23-2 | 1.56 | 1.28 | 1.84 | 1.56 | 17.74 | ppb |
| Strontium | 86-1 | -0.06 | 0.09 | 0.21 | 0.08 | 176.09 | ppb |
| Strontium | 88-1 | 0.15 | 0.14 | 0.08 | 0.12 | 31.11 | ppb |
| Sulfur | 34-1 | -7.78 | -0.31 | 39.60 | 10.51 | 242.46 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.62 | ppb |
| Thallium | 205-1 | 0.01 | 0.01 | 0.01 | 0.01 | 15.43 | ppb |
| Tin | 118-1 | 0.05 | 0.04 | 0.04 | 0.05 | 10.81 | ppb |
| Titanium | 47-1 | 0.02 | 0.02 | 0.01 | 0.02 | 48.37 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:21:27 | DataFile Name : | 065CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 47.71 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 0.17 | 0.19 | 0.14 | 0.17 | 15.93 | ppb |
| Zirconium | 90-1 | 0.14 | 0.13 | 0.13 | 0.14 | 1.51 | ppb |
| Zirconium | 91-1 | 0.14 | 0.14 | 0.15 | 0.14 | 5.16 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 39.85 | 39.78 | 38.80 | 39.48 | 1.48 | ppb |
| Antimony | 121-1 | 4.07 | 4.30 | 4.26 | 4.21 | 2.93 | ppb |
| Arsenic | 75-2 | 2.19 | 2.24 | 2.39 | 2.27 | 4.65 | ppb |
| Barium | 135-1 | 19.89 | 20.49 | 20.23 | 20.20 | 1.48 | ppb |
| Barium | 137-1 | 20.14 | 20.69 | 20.51 | 20.45 | 1.36 | ppb |
| Beryllium | 9-1 | 2.10 | 2.19 | 2.13 | 2.14 | 1.98 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.25 | 1.87 | 1.99 | 2.04 | 9.59 | ppb |
| Cadmium | 106-1 | 2.88 | 2.88 | 1.61 | 2.46 | 29.76 | ppb |
| Cadmium | 111-1 | 2.11 | 2.22 | 2.29 | 2.21 | 4.00 | ppb |
| Calcium | 43-1 | 1062.22 | 1081.36 | 1087.08 | 1076.89 | 1.21 | ppb |
| Calcium | 44-1 | 1059.77 | 1089.55 | 1076.79 | 1075.37 | 1.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.95 | 3.89 | 3.81 | 3.88 | 1.74 | ppb |
| Cobalt | 59-2 | 2.07 | 2.13 | 2.15 | 2.12 | 1.94 | ppb |
| Copper | 63-2 | 4.29 | 4.41 | 4.39 | 4.36 | 1.51 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 431.38 | 443.31 | 428.90 | 434.53 | 1.77 | ppb |
| Iron | 57-2 | 433.82 | 440.93 | 439.34 | 438.03 | 0.85 | ppb |
| Iron | 54-2 | 440.94 | 440.24 | 437.27 | 439.48 | 0.44 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.97 | 2.00 | 2.05 | 2.00 | 2.26 | ppb |
| Lead | 207-1 | 1.89 | 1.95 | 2.01 | 1.95 | 3.11 | ppb |
| Lead | 208-1 | 1.92 | 1.97 | 2.02 | 1.97 | 2.36 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 972.58 | 980.60 | 966.51 | 973.23 | 0.73 | ppb |
| Manganese | 55-2 | 2.15 | 2.14 | 2.08 | 2.12 | 1.75 | ppb |
| Molybdenum | 94-1 | 11.73 | 12.09 | 12.17 | 12.00 | 1.95 | ppb |
| Molybdenum | 95-1 | 9.73 | 10.07 | 10.13 | 9.98 | 2.15 | ppb |
| Molybdenum | 96-1 | 9.92 | 10.23 | 10.28 | 10.14 | 1.92 | ppb |
| Molybdenum | 97-1 | 9.82 | 10.19 | 10.30 | 10.10 | 2.47 | ppb |
| Molybdenum | 98-1 | 9.74 | 10.10 | 10.22 | 10.02 | 2.47 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.12 | 2.09 | 2.11 | 2.11 | 0.66 | ppb |
| Phosphorus | 31-2 | 40.22 | 38.42 | 39.88 | 39.51 | 2.42 | ppb |
| Potassium | 39-2 | 1055.77 | 1059.56 | 1046.79 | 1054.04 | 0.62 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 10.50 | 11.06 | 10.59 | 10.71 | 2.83 | ppb |
| Selenium | 77-2 | 10.63 | 8.26 | 9.50 | 9.46 | 12.56 | ppb |
| Selenium | 78-2 | 9.28 | 10.16 | 11.38 | 10.27 | 10.24 | ppb |
| Silicon | 28-1 | 1.84 | 2.40 | 2.22 | 2.15 | 13.22 | ppb |
| Silver | 107-1 | 2.07 | 2.17 | 2.21 | 2.15 | 3.38 | ppb |
| Silver | 109-1 | 2.11 | 2.19 | 2.16 | 2.15 | 1.97 | ppb |
| Sodium | 23-2 | 952.10 | 957.15 | 950.16 | 953.14 | 0.38 | ppb |
| Strontium | 86-1 | 50.11 | 51.61 | 50.67 | 50.80 | 1.48 | ppb |
| Strontium | 88-1 | 49.88 | 50.94 | 50.79 | 50.54 | 1.13 | ppb |
| Sulfur | 34-1 | -32.54 | 125.31 | 79.33 | 57.37 | 141.52 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 1.94 | 1.96 | 1.98 | 1.96 | 1.12 | ppb |
| Thallium | 205-1 | 1.90 | 1.97 | 1.99 | 1.95 | 2.37 | ppb |
| Tin | 118-1 | 10.42 | 10.73 | 10.66 | 10.61 | 1.51 | ppb |
| Titanium | 47-1 | 2.29 | 2.41 | 2.50 | 2.40 | 4.31 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.75 | 1.77 | 1.83 | 1.78 | 2.24 | ppb |
| Vanadium | 51-2 | 10.47 | 10.48 | 10.44 | 10.46 | 0.21 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 10.93 | 11.09 | 10.85 | 10.95 | 1.14 | ppb |
| Zirconium | 90-1 | 1.94 | 2.01 | 2.01 | 1.99 | 2.09 | ppb |
| Zirconium | 91-1 | 1.89 | 1.99 | 2.03 | 1.97 | 3.69 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25593.29 | 25697.68 | 25858.35 | 25716.44 | 0.52 | ppb |
| Antimony | 121-1 | 0.18 | 0.19 | 0.18 | 0.18 | 2.69 | ppb |
| Arsenic | 75-2 | 7.68 | 8.32 | 7.74 | 7.91 | 4.45 | ppb |
| Barium | 135-1 | 97.99 | 98.26 | 101.42 | 99.22 | 1.92 | ppb |
| Barium | 137-1 | 98.85 | 99.87 | 101.89 | 100.20 | 1.54 | ppb |
| Beryllium | 9-1 | 0.99 | 0.98 | 1.03 | 1.00 | 2.26 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.80 | 0.62 | 0.63 | 0.68 | 14.75 | ppb |
| Cadmium | 106-1 | 1.52 | 1.72 | 1.79 | 1.68 | 8.56 | ppb |
| Cadmium | 111-1 | 0.30 | 0.33 | 0.34 | 0.32 | 6.06 | ppb |
| Calcium | 43-1 | 12754.07 | 12753.86 | 12807.85 | 12771.93 | 0.24 | ppb |
| Calcium | 44-1 | 12523.71 | 12421.21 | 12459.10 | 12468.01 | 0.42 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30.04 | 29.94 | 30.01 | 29.99 | 0.17 | ppb |
| Cobalt | 59-2 | 31.78 | 31.67 | 31.77 | 31.74 | 0.20 | ppb |
| Copper | 63-2 | 92.59 | 91.97 | 93.14 | 92.57 | 0.63 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 51165.75 | 50622.21 | 51226.54 | 51004.83 | 0.65 | ppb |
| Iron | 57-2 | 50659.70 | 50382.99 | 50162.07 | 50401.59 | 0.49 | ppb |
| Iron | 54-2 | 51383.64 | 50652.53 | 51289.67 | 51108.61 | 0.78 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 91.40 | 93.37 | 96.69 | 93.82 | 2.85 | ppb |
| Lead | 207-1 | 86.42 | 88.01 | 90.92 | 88.45 | 2.58 | ppb |
| Lead | 208-1 | 91.52 | 92.67 | 95.73 | 93.31 | 2.33 | ppb |
| Lithium | 6-1 | | | | 108 | | % |
| Magnesium | 24-2 | 13260.41 | 13132.55 | 13359.88 | 13250.95 | 0.86 | ppb |
| Manganese | 55-2 | 829.17 | 823.70 | 826.61 | 826.49 | 0.33 | ppb |
| Molybdenum | 94-1 | 10.09 | 10.00 | 9.93 | 10.01 | 0.81 | ppb |
| Molybdenum | 95-1 | 0.97 | 0.78 | 0.74 | 0.83 | 15.10 | ppb |
| Molybdenum | 96-1 | 2.33 | 2.08 | 2.09 | 2.17 | 6.48 | ppb |
| Molybdenum | 97-1 | 0.91 | 0.81 | 0.82 | 0.84 | 6.86 | ppb |
| Molybdenum | 98-1 | 0.86 | 0.76 | 0.74 | 0.79 | 8.07 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 39.72 | 39.75 | 38.88 | 39.45 | 1.25 | ppb |
| Phosphorus | 31-2 | 753.20 | 785.99 | 753.38 | 764.19 | 2.47 | ppb |
| Potassium | 39-2 | 915.63 | 915.34 | 914.46 | 915.14 | 0.07 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 109 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 0.65 | 0.27 | 0.53 | 0.48 | 40.39 | ppb |
| Selenium | 77-2 | 5.08 | 6.07 | 4.87 | 5.34 | 12.02 | ppb |
| Selenium | 78-2 | -0.11 | 1.59 | 1.81 | 1.10 | 95.62 | ppb |
| Silicon | 28-1 | 371.71 | 376.51 | 376.84 | 375.02 | 0.77 | ppb |
| Silver | 107-1 | 0.17 | 0.12 | 0.11 | 0.13 | 24.86 | ppb |
| Silver | 109-1 | 0.17 | 0.11 | 0.10 | 0.12 | 30.84 | ppb |
| Sodium | 23-2 | 236.64 | 236.63 | 238.55 | 237.27 | 0.47 | ppb |
| Strontium | 86-1 | 1756.90 | 1724.67 | 1758.83 | 1746.80 | 1.10 | ppb |
| Strontium | 88-1 | 1798.88 | 1793.13 | 1815.64 | 1802.55 | 0.65 | ppb |
| Sulfur | 34-1 | -401.05 | -541.36 | -609.55 | -517.32 | | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.20 | 0.17 | 0.18 | 0.18 | 8.23 | ppb |
| Thallium | 205-1 | 0.21 | 0.18 | 0.17 | 0.19 | 9.78 | ppb |
| Tin | 118-1 | 1.88 | 1.86 | 1.86 | 1.87 | 0.57 | ppb |
| Titanium | 47-1 | 246.29 | 240.33 | 243.04 | 243.22 | 1.23 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.95 | 0.96 | 0.97 | 0.96 | 1.39 | ppb |
| Vanadium | 51-2 | 118.27 | 117.89 | 118.84 | 118.33 | 0.40 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 109 | | % |
| Zinc | 66-2 | 116.01 | 116.78 | 116.67 | 116.49 | 0.36 | ppb |
| Zirconium | 90-1 | 5.06 | 5.10 | 5.11 | 5.09 | 0.46 | ppb |
| Zirconium | 91-1 | 5.17 | 5.02 | 5.06 | 5.08 | 1.53 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:31:20 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25239.58 | 25571.08 | 25739.41 | 25516.69 | 1.00 | ppb |
| Antimony | 121-1 | 0.19 | 0.18 | 0.19 | 0.19 | 2.37 | ppb |
| Arsenic | 75-2 | 8.23 | 7.95 | 8.26 | 8.15 | 2.13 | ppb |
| Barium | 135-1 | 96.01 | 98.82 | 98.39 | 97.74 | 1.55 | ppb |
| Barium | 137-1 | 99.74 | 99.25 | 99.74 | 99.58 | 0.29 | ppb |
| Beryllium | 9-1 | 1.01 | 1.03 | 1.05 | 1.03 | 1.90 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.63 | 0.78 | 0.69 | 0.70 | 10.56 | ppb |
| Cadmium | 106-1 | 0.93 | 0.65 | 1.51 | 1.03 | 42.52 | ppb |
| Cadmium | 111-1 | 0.31 | 0.30 | 0.30 | 0.30 | 1.75 | ppb |
| Calcium | 43-1 | 12751.62 | 12597.77 | 12745.07 | 12698.15 | 0.69 | ppb |
| Calcium | 44-1 | 12341.60 | 12380.82 | 12489.76 | 12404.06 | 0.62 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 29.90 | 29.46 | 29.92 | 29.76 | 0.87 | ppb |
| Cobalt | 59-2 | 31.57 | 31.32 | 31.86 | 31.59 | 0.86 | ppb |
| Copper | 63-2 | 92.17 | 92.20 | 93.74 | 92.70 | 0.97 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 112 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 50757.36 | 50643.55 | 50938.67 | 50779.86 | 0.29 | ppb |
| Iron | 57-2 | 50586.04 | 49706.95 | 50722.24 | 50338.41 | 1.09 | ppb |
| Iron | 54-2 | 51163.20 | 50896.93 | 51425.94 | 51162.02 | 0.52 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:31:20 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 92.90 | 94.08 | 94.93 | 93.97 | 1.08 | ppb |
| Lead | 207-1 | 88.38 | 90.15 | 89.89 | 89.47 | 1.07 | ppb |
| Lead | 208-1 | 92.61 | 94.65 | 94.36 | 93.87 | 1.17 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 13054.70 | 13093.38 | 13206.16 | 13118.08 | 0.60 | ppb |
| Manganese | 55-2 | 817.26 | 816.74 | 824.05 | 819.35 | 0.50 | ppb |
| Molybdenum | 94-1 | 9.47 | 10.01 | 9.81 | 9.76 | 2.84 | ppb |
| Molybdenum | 95-1 | 0.75 | 0.74 | 0.74 | 0.74 | 1.17 | ppb |
| Molybdenum | 96-1 | 2.09 | 2.11 | 2.11 | 2.10 | 0.54 | ppb |
| Molybdenum | 97-1 | 0.76 | 0.77 | 0.79 | 0.77 | 1.93 | ppb |
| Molybdenum | 98-1 | 0.71 | 0.76 | 0.76 | 0.74 | 3.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 39.52 | 39.18 | 39.35 | 39.35 | 0.43 | ppb |
| Phosphorus | 31-2 | 764.38 | 752.69 | 720.80 | 745.96 | 3.02 | ppb |
| Potassium | 39-2 | 916.30 | 905.59 | 910.16 | 910.68 | 0.59 | ppb |
| Rhodium | 103-1 | | | | 107 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 108 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 0.91 | 0.64 | 0.30 | 0.62 | 49.34 | ppb |
| Selenium | 77-2 | 5.40 | 6.33 | 5.62 | 5.78 | 8.42 | ppb |
| Selenium | 78-2 | 0.02 | 0.02 | 1.77 | 0.61 | 166.65 | ppb |
| Silicon | 28-1 | 388.59 | 374.63 | 382.11 | 381.78 | 1.83 | ppb |
| Silver | 107-1 | 0.08 | 0.08 | 0.07 | 0.08 | 5.80 | ppb |
| Silver | 109-1 | 0.07 | 0.08 | 0.08 | 0.08 | 3.65 | ppb |
| Sodium | 23-2 | 239.41 | 239.22 | 242.17 | 240.27 | 0.69 | ppb |
| Strontium | 86-1 | 1735.05 | 1750.66 | 1738.95 | 1741.56 | 0.47 | ppb |
| Strontium | 88-1 | 1777.90 | 1783.13 | 1801.68 | 1787.57 | 0.70 | ppb |
| Sulfur | 34-1 | -725.68 | -812.62 | -809.36 | -782.55 | | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.14 | 0.14 | 0.15 | 0.14 | 6.26 | ppb |
| Thallium | 205-1 | 0.15 | 0.15 | 0.15 | 0.15 | 2.54 | ppb |
| Tin | 118-1 | 1.76 | 1.83 | 1.85 | 1.81 | 2.84 | ppb |
| Titanium | 47-1 | 239.11 | 239.16 | 240.38 | 239.55 | 0.30 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:31:20 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.96 | 0.96 | 0.98 | 0.96 | 1.23 | ppb |
| Vanadium | 51-2 | 118.82 | 118.33 | 119.12 | 118.76 | 0.34 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 115.97 | 114.96 | 117.51 | 116.15 | 1.11 | ppb |
| Zirconium | 90-1 | 5.07 | 5.10 | 5.01 | 5.06 | 0.94 | ppb |
| Zirconium | 91-1 | 5.02 | 5.02 | 5.18 | 5.08 | 1.76 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:34:33 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5139.99 | 5162.16 | 5174.67 | 5158.94 | 0.34 | ppb |
| Antimony | 121-1 | 19.10 | 19.47 | 19.50 | 19.36 | 1.14 | ppb |
| Arsenic | 75-2 | 1.72 | 1.64 | 1.61 | 1.66 | 3.40 | ppb |
| Barium | 135-1 | 19.32 | 19.27 | 19.08 | 19.22 | 0.66 | ppb |
| Barium | 137-1 | 19.23 | 19.73 | 19.56 | 19.51 | 1.30 | ppb |
| Beryllium | 9-1 | 0.18 | 0.19 | 0.22 | 0.20 | 9.92 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | 0.17 | 0.20 | 0.14 | 69.32 | ppb |
| Cadmium | 106-1 | -0.45 | -0.04 | -0.09 | -0.19 | | ppb |
| Cadmium | 111-1 | 0.07 | 0.06 | 0.05 | 0.06 | 16.32 | ppb |
| Calcium | 43-1 | 2533.13 | 2552.30 | 2520.07 | 2535.17 | 0.64 | ppb |
| Calcium | 44-1 | 2486.54 | 2488.40 | 2525.82 | 2500.25 | 0.89 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6.00 | 5.90 | 5.77 | 5.89 | 1.91 | ppb |
| Cobalt | 59-2 | 6.39 | 6.35 | 6.26 | 6.34 | 1.10 | ppb |
| Copper | 63-2 | 18.80 | 18.90 | 18.58 | 18.76 | 0.86 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 10176.76 | 10223.86 | 10147.13 | 10182.58 | 0.38 | ppb |
| Iron | 57-2 | 10170.96 | 10251.13 | 10180.37 | 10200.82 | 0.43 | ppb |
| Iron | 54-2 | 10308.13 | 10389.54 | 10325.16 | 10340.94 | 0.42 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:34:33 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 17.80 | 18.07 | 18.22 | 18.03 | 1.18 | ppb |
| Lead | 207-1 | 17.02 | 17.26 | 17.06 | 17.12 | 0.75 | ppb |
| Lead | 208-1 | 17.18 | 17.53 | 17.44 | 17.38 | 1.06 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 2606.35 | 2623.83 | 2600.26 | 2610.15 | 0.47 | ppb |
| Manganese | 55-2 | 161.94 | 162.29 | 161.61 | 161.95 | 0.21 | ppb |
| Molybdenum | 94-1 | 1.88 | 1.85 | 1.77 | 1.84 | 3.04 | ppb |
| Molybdenum | 95-1 | 0.13 | 0.12 | 0.14 | 0.13 | 4.73 | ppb |
| Molybdenum | 96-1 | 0.40 | 0.41 | 0.41 | 0.41 | 1.41 | ppb |
| Molybdenum | 97-1 | 0.15 | 0.14 | 0.14 | 0.14 | 5.03 | ppb |
| Molybdenum | 98-1 | 0.13 | 0.16 | 0.15 | 0.15 | 11.28 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 7.78 | 8.00 | 7.66 | 7.82 | 2.23 | ppb |
| Phosphorus | 31-2 | 414.50 | 410.28 | 411.11 | 411.96 | 0.54 | ppb |
| Potassium | 39-2 | 590.16 | 588.36 | 585.20 | 587.91 | 0.43 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.22 | 0.39 | 0.03 | 0.21 | 83.44 | ppb |
| Selenium | 77-2 | 1.99 | 1.07 | 1.08 | 1.38 | 38.38 | ppb |
| Selenium | 78-2 | 0.88 | 0.00 | -0.26 | 0.21 | 290.06 | ppb |
| Silicon | 28-1 | 82.79 | 77.67 | 75.78 | 78.75 | 4.61 | ppb |
| Silver | 107-1 | 0.02 | 0.02 | 0.01 | 0.02 | 8.99 | ppb |
| Silver | 109-1 | 0.01 | 0.02 | 0.02 | 0.02 | 8.36 | ppb |
| Sodium | 23-2 | 70.68 | 70.21 | 71.32 | 70.73 | 0.79 | ppb |
| Strontium | 86-1 | 344.37 | 348.82 | 356.42 | 349.87 | 1.74 | ppb |
| Strontium | 88-1 | 341.61 | 348.58 | 349.85 | 346.68 | 1.28 | ppb |
| Sulfur | 34-1 | -939.19 | -901.77 | -962.71 | -934.56 | | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.03 | 0.02 | 0.02 | 0.02 | 25.16 | ppb |
| Thallium | 205-1 | 0.03 | 0.03 | 0.03 | 0.03 | 10.60 | ppb |
| Tin | 118-1 | 0.38 | 0.38 | 0.39 | 0.38 | 1.83 | ppb |
| Titanium | 47-1 | 46.90 | 47.85 | 48.82 | 47.85 | 2.01 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:34:33 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.18 | 0.18 | 0.19 | 0.18 | 1.45 | ppb |
| Vanadium | 51-2 | 23.65 | 23.61 | 23.59 | 23.62 | 0.14 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 24.36 | 23.53 | 24.17 | 24.02 | 1.82 | ppb |
| Zirconium | 90-1 | 0.91 | 0.95 | 0.94 | 0.94 | 2.04 | ppb |
| Zirconium | 91-1 | 0.84 | 0.95 | 0.94 | 0.91 | 6.68 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:37:49 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25395.25 | 25534.85 | 25642.43 | 25524.18 | 0.49 | ppb |
| Antimony | 121-1 | 0.19 | 0.18 | 0.19 | 0.18 | 3.35 | ppb |
| Arsenic | 75-2 | 219.81 | 216.04 | 214.71 | 216.85 | 1.22 | ppb |
| Barium | 135-1 | 508.83 | 524.84 | 508.17 | 513.95 | 1.84 | ppb |
| Barium | 137-1 | 513.98 | 515.58 | 512.65 | 514.07 | 0.28 | ppb |
| Beryllium | 9-1 | 10.82 | 11.02 | 10.82 | 10.89 | 1.08 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 92.81 | 96.16 | 96.14 | 95.04 | 2.03 | ppb |
| Cadmium | 106-1 | 92.92 | 94.08 | 95.71 | 94.24 | 1.48 | ppb |
| Cadmium | 111-1 | 98.00 | 98.35 | 99.60 | 98.65 | 0.85 | ppb |
| Calcium | 43-1 | 12570.20 | 12785.99 | 12633.06 | 12663.08 | 0.88 | ppb |
| Calcium | 44-1 | 12254.77 | 12360.84 | 12265.62 | 12293.75 | 0.47 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 68.01 | 69.11 | 69.11 | 68.74 | 0.93 | ppb |
| Cobalt | 59-2 | 128.61 | 129.25 | 128.60 | 128.82 | 0.29 | ppb |
| Copper | 63-2 | 139.09 | 140.90 | 139.94 | 139.98 | 0.65 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 112 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 50789.51 | 51148.84 | 50825.47 | 50921.27 | 0.39 | ppb |
| Iron | 57-2 | 49439.07 | 50068.57 | 49984.67 | 49830.77 | 0.69 | ppb |
| Iron | 54-2 | 50965.06 | 50917.22 | 50879.54 | 50920.61 | 0.08 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:37:49 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 267.27 | 269.09 | 274.32 | 270.23 | 1.35 | ppb |
| Lead | 207-1 | 250.15 | 250.91 | 259.07 | 253.38 | 1.95 | ppb |
| Lead | 208-1 | 257.77 | 256.81 | 262.31 | 258.96 | 1.13 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 12981.88 | 13117.86 | 13002.57 | 13034.10 | 0.56 | ppb |
| Manganese | 55-2 | 907.31 | 915.93 | 917.88 | 913.71 | 0.62 | ppb |
| Molybdenum | 94-1 | 11.27 | 11.23 | 11.29 | 11.27 | 0.29 | ppb |
| Molybdenum | 95-1 | 2.67 | 2.61 | 2.69 | 2.66 | 1.52 | ppb |
| Molybdenum | 96-1 | 3.88 | 3.96 | 3.94 | 3.93 | 1.12 | ppb |
| Molybdenum | 97-1 | 2.64 | 2.61 | 2.73 | 2.66 | 2.41 | ppb |
| Molybdenum | 98-1 | 2.59 | 2.63 | 2.66 | 2.63 | 1.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 137.35 | 139.63 | 138.22 | 138.40 | 0.83 | ppb |
| Phosphorus | 31-2 | 758.60 | 755.47 | 740.32 | 751.46 | 1.30 | ppb |
| Potassium | 39-2 | 894.11 | 905.49 | 904.16 | 901.25 | 0.69 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 219.10 | 222.00 | 225.86 | 222.32 | 1.53 | ppb |
| Selenium | 77-2 | 233.21 | 241.28 | 234.29 | 236.26 | 1.86 | ppb |
| Selenium | 78-2 | 225.99 | 231.79 | 227.28 | 228.35 | 1.33 | ppb |
| Silicon | 28-1 | 372.04 | 379.75 | 379.39 | 377.06 | 1.15 | ppb |
| Silver | 107-1 | 9.93 | 10.34 | 10.31 | 10.19 | 2.23 | ppb |
| Silver | 109-1 | 9.90 | 10.23 | 10.29 | 10.14 | 2.09 | ppb |
| Sodium | 23-2 | 234.80 | 237.03 | 240.11 | 237.32 | 1.12 | ppb |
| Strontium | 86-1 | 1705.26 | 1716.17 | 1753.66 | 1725.03 | 1.47 | ppb |
| Strontium | 88-1 | 1756.53 | 1767.26 | 1788.97 | 1770.92 | 0.93 | ppb |
| Sulfur | 34-1 | -939.98 | -949.41 | -909.72 | -933.04 | | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 181.20 | 177.85 | 183.46 | 180.84 | 1.56 | ppb |
| Thallium | 205-1 | 180.05 | 180.93 | 185.02 | 182.00 | 1.46 | ppb |
| Tin | 118-1 | 1.82 | 1.84 | 1.79 | 1.81 | 1.38 | ppb |
| Titanium | 47-1 | 236.06 | 245.12 | 239.76 | 240.31 | 1.90 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:37:49 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.93 | 0.93 | 0.95 | 0.94 | 1.25 | ppb |
| Vanadium | 51-2 | 213.74 | 214.37 | 213.45 | 213.86 | 0.22 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 213.17 | 214.81 | 213.74 | 213.91 | 0.39 | ppb |
| Zirconium | 90-1 | 4.91 | 4.97 | 5.03 | 4.97 | 1.24 | ppb |
| Zirconium | 91-1 | 4.97 | 5.24 | 5.27 | 5.16 | 3.25 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:40:56 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13912.13 | 13738.82 | 13873.07 | 13841.34 | 0.66 | ppb |
| Antimony | 121-1 | 2248.43 | 2252.11 | 2282.06 | 2260.86 | 0.82 | ppb |
| Arsenic | 75-2 | 5868.20 | 5693.39 | 5713.36 | 5758.31 | 1.66 | ppb |
| Barium | 135-1 | 202.34 | 204.87 | 207.49 | 204.90 | 1.26 | ppb |
| Barium | 137-1 | 205.81 | 207.65 | 210.61 | 208.02 | 1.16 | ppb |
| Beryllium | 9-1 | 1.37 | 1.27 | 1.30 | 1.31 | 4.18 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 15.14 | 15.36 | 15.15 | 15.22 | 0.81 | ppb |
| Cadmium | 106-1 | 14.48 | 14.34 | 15.14 | 14.66 | 2.93 | ppb |
| Cadmium | 111-1 | 8.62 | 8.55 | 8.74 | 8.64 | 1.11 | ppb |
| Calcium | 43-1 | 46508.70 | 47977.49 | 46954.24 | 47146.81 | 1.60 | ppb |
| Calcium | 44-1 | 46131.97 | 47399.03 | 47458.38 | 46996.46 | 1.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 118.75 | 116.64 | 116.47 | 117.28 | 1.08 | ppb |
| Cobalt | 59-2 | 187.07 | 185.17 | 184.41 | 185.55 | 0.74 | ppb |
| Copper | 63-2 | 2200.03 | 2136.92 | 2143.94 | 2160.30 | 1.60 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 122 | | % |
| Indium | 115-2 | | | | 119 | | % |
| Iron | 56-2 | 167042.48 | 165884.11 | 165992.65 | 166306.41 | 0.38 | ppb |
| Iron | 57-2 | 166558.42 | 164915.57 | 165200.83 | 165558.27 | 0.53 | ppb |
| Iron | 54-2 | 168737.50 | 166364.41 | 167196.98 | 167432.96 | 0.72 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:40:56 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3236.49 | 3265.78 | 3190.02 | 3230.77 | 1.18 | ppb |
| Lead | 207-1 | 3160.30 | 3218.70 | 3163.88 | 3180.96 | 1.03 | ppb |
| Lead | 208-1 | 3172.76 | 3214.64 | 3169.46 | 3185.62 | 0.79 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 6532.43 | 6403.49 | 6438.54 | 6458.16 | 1.03 | ppb |
| Manganese | 55-2 | 677.46 | 663.58 | 677.13 | 672.72 | 1.18 | ppb |
| Molybdenum | 94-1 | 365.03 | 361.35 | 364.41 | 363.59 | 0.54 | ppb |
| Molybdenum | 95-1 | 408.19 | 407.22 | 407.99 | 407.80 | 0.13 | ppb |
| Molybdenum | 96-1 | 406.99 | 410.23 | 406.13 | 407.78 | 0.53 | ppb |
| Molybdenum | 97-1 | 404.76 | 409.21 | 403.32 | 405.77 | 0.76 | ppb |
| Molybdenum | 98-1 | 409.89 | 407.58 | 402.01 | 406.49 | 1.00 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 74.86 | 74.04 | 73.49 | 74.13 | 0.93 | ppb |
| Phosphorus | 31-2 | 1007.04 | 1047.94 | 994.12 | 1016.37 | 2.76 | ppb |
| Potassium | 39-2 | 3438.02 | 3402.85 | 3436.12 | 3425.66 | 0.58 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 105 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 3.55 | 3.28 | 3.49 | 3.44 | 4.08 | ppb |
| Selenium | 77-2 | 6.59 | 6.23 | 5.75 | 6.19 | 6.87 | ppb |
| Selenium | 78-2 | 4.09 | 2.74 | 3.49 | 3.44 | 19.68 | ppb |
| Silicon | 28-1 | 1545.00 | 1575.03 | 1573.56 | 1564.53 | 1.08 | ppb |
| Silver | 107-1 | 5.41 | 5.46 | 5.50 | 5.46 | 0.90 | ppb |
| Silver | 109-1 | 5.30 | 5.36 | 5.50 | 5.39 | 1.91 | ppb |
| Sodium | 23-2 | 11243.65 | 11170.25 | 11133.35 | 11182.41 | 0.50 | ppb |
| Strontium | 86-1 | 5604.79 | 5558.67 | 5580.36 | 5581.27 | 0.41 | ppb |
| Strontium | 88-1 | 5701.22 | 5765.14 | 5745.36 | 5737.24 | 0.57 | ppb |
| Sulfur | 34-1 | 3741.33 | 3803.48 | 3946.49 | 3830.43 | 2.75 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 3.67 | 3.70 | 3.71 | 3.69 | 0.57 | ppb |
| Thallium | 205-1 | 3.72 | 3.75 | 3.76 | 3.74 | 0.56 | ppb |
| Tin | 118-1 | 491.77 | 495.68 | 505.09 | 497.51 | 1.38 | ppb |
| Titanium | 47-1 | 689.76 | 704.97 | 706.20 | 700.31 | 1.31 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:40:56 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4.39 | 4.44 | 4.38 | 4.40 | 0.73 | ppb |
| Vanadium | 51-2 | 43.68 | 43.20 | 43.27 | 43.38 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 11215.63 | 11050.99 | 11069.92 | 11112.18 | 0.81 | ppb |
| Zirconium | 90-1 | 16.98 | 17.20 | 17.34 | 17.17 | 1.05 | ppb |
| Zirconium | 91-1 | 18.33 | 18.54 | 18.73 | 18.53 | 1.07 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:43:52 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13977.76 | 13784.63 | 13807.73 | 13856.70 | 0.76 | ppb |
| Antimony | 121-1 | 2314.86 | 2329.78 | 2325.99 | 2323.55 | 0.33 | ppb |
| Arsenic | 75-2 | 5768.56 | 5760.63 | 5844.19 | 5791.13 | 0.80 | ppb |
| Barium | 135-1 | 205.70 | 212.06 | 208.95 | 208.90 | 1.52 | ppb |
| Barium | 137-1 | 209.52 | 212.93 | 211.35 | 211.27 | 0.81 | ppb |
| Beryllium | 9-1 | 1.39 | 1.37 | 1.33 | 1.36 | 1.94 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 15.38 | 15.38 | 15.88 | 15.54 | 1.86 | ppb |
| Cadmium | 106-1 | 15.68 | 16.17 | 15.21 | 15.68 | 3.06 | ppb |
| Cadmium | 111-1 | 8.59 | 8.82 | 8.68 | 8.70 | 1.28 | ppb |
| Calcium | 43-1 | 47870.48 | 47831.80 | 47418.74 | 47707.01 | 0.52 | ppb |
| Calcium | 44-1 | 47198.16 | 47911.20 | 47150.90 | 47420.09 | 0.90 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 118.05 | 117.29 | 116.23 | 117.19 | 0.78 | ppb |
| Cobalt | 59-2 | 182.44 | 184.91 | 182.90 | 183.41 | 0.72 | ppb |
| Copper | 63-2 | 2154.13 | 2173.51 | 2143.41 | 2157.02 | 0.71 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 122 | | % |
| Indium | 115-2 | | | | 121 | | % |
| Iron | 56-2 | 166367.32 | 166599.06 | 163744.03 | 165570.14 | 0.96 | ppb |
| Iron | 57-2 | 166173.17 | 164992.23 | 161778.58 | 164314.66 | 1.38 | ppb |
| Iron | 54-2 | 167311.22 | 166074.13 | 163353.49 | 165579.62 | 1.22 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:43:52 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3243.81 | 3374.97 | 3240.18 | 3286.32 | 2.34 | ppb |
| Lead | 207-1 | 3165.47 | 3266.28 | 3197.78 | 3209.85 | 1.60 | ppb |
| Lead | 208-1 | 3192.52 | 3313.82 | 3238.48 | 3248.27 | 1.89 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 6516.40 | 6363.86 | 6501.54 | 6460.60 | 1.30 | ppb |
| Manganese | 55-2 | 673.75 | 671.54 | 658.59 | 667.96 | 1.23 | ppb |
| Molybdenum | 94-1 | 363.78 | 375.16 | 372.35 | 370.43 | 1.60 | ppb |
| Molybdenum | 95-1 | 404.05 | 421.81 | 416.70 | 414.19 | 2.21 | ppb |
| Molybdenum | 96-1 | 403.55 | 418.33 | 414.34 | 412.08 | 1.86 | ppb |
| Molybdenum | 97-1 | 415.44 | 421.83 | 416.58 | 417.95 | 0.82 | ppb |
| Molybdenum | 98-1 | 409.11 | 415.52 | 407.72 | 410.79 | 1.01 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 73.23 | 73.92 | 72.82 | 73.32 | 0.75 | ppb |
| Phosphorus | 31-2 | 1012.61 | 1021.61 | 1009.92 | 1014.71 | 0.60 | ppb |
| Potassium | 39-2 | 3410.33 | 3398.20 | 3410.58 | 3406.37 | 0.21 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 107 | | % |
| Scandium | 45-1 | | | | 106 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 3.41 | 3.21 | 3.52 | 3.38 | 4.64 | ppb |
| Selenium | 77-2 | 7.32 | 6.57 | 8.17 | 7.35 | 10.94 | ppb |
| Selenium | 78-2 | 4.57 | 3.64 | 3.17 | 3.79 | 18.82 | ppb |
| Silicon | 28-1 | 1582.68 | 1669.05 | 1555.38 | 1602.37 | 3.70 | ppb |
| Silver | 107-1 | 5.50 | 5.59 | 5.61 | 5.56 | 1.04 | ppb |
| Silver | 109-1 | 5.46 | 5.56 | 5.51 | 5.51 | 0.89 | ppb |
| Sodium | 23-2 | 11235.85 | 11110.11 | 11166.65 | 11170.87 | 0.56 | ppb |
| Strontium | 86-1 | 5582.21 | 5736.21 | 5717.42 | 5678.61 | 1.48 | ppb |
| Strontium | 88-1 | 5814.89 | 5867.60 | 5783.56 | 5822.02 | 0.73 | ppb |
| Sulfur | 34-1 | 3975.51 | 4118.88 | 3922.59 | 4005.66 | 2.54 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 3.66 | 3.81 | 3.74 | 3.74 | 1.91 | ppb |
| Thallium | 205-1 | 3.61 | 3.81 | 3.73 | 3.72 | 2.69 | ppb |
| Tin | 118-1 | 500.88 | 514.76 | 517.06 | 510.90 | 1.71 | ppb |
| Titanium | 47-1 | 708.23 | 717.11 | 705.23 | 710.19 | 0.87 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:43:52 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4.29 | 4.50 | 4.43 | 4.41 | 2.45 | ppb |
| Vanadium | 51-2 | 43.16 | 43.19 | 43.05 | 43.13 | 0.17 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 11084.02 | 11068.14 | 10914.07 | 11022.08 | 0.85 | ppb |
| Zirconium | 90-1 | 17.28 | 17.65 | 17.64 | 17.52 | 1.21 | ppb |
| Zirconium | 91-1 | 18.25 | 19.00 | 18.56 | 18.60 | 2.04 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:46:48 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2730.85 | 2724.25 | 2718.24 | 2724.45 | 0.23 | ppb |
| Antimony | 121-1 | 426.78 | 448.63 | 454.63 | 443.35 | 3.31 | ppb |
| Arsenic | 75-2 | 1148.53 | 1160.21 | 1153.72 | 1154.16 | 0.51 | ppb |
| Barium | 135-1 | 39.02 | 40.92 | 40.94 | 40.30 | 2.74 | ppb |
| Barium | 137-1 | 39.46 | 41.76 | 41.60 | 40.94 | 3.14 | ppb |
| Beryllium | 9-1 | 0.24 | 0.21 | 0.30 | 0.25 | 18.68 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.86 | 3.06 | 2.90 | 2.94 | 3.62 | ppb |
| Cadmium | 106-1 | 2.29 | 2.18 | 2.76 | 2.41 | 12.82 | ppb |
| Cadmium | 111-1 | 1.66 | 1.66 | 1.71 | 1.68 | 1.82 | ppb |
| Calcium | 43-1 | 9144.42 | 9578.54 | 9632.24 | 9451.73 | 2.83 | ppb |
| Calcium | 44-1 | 8949.17 | 9392.72 | 9548.31 | 9296.73 | 3.34 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 23.74 | 23.75 | 24.10 | 23.86 | 0.87 | ppb |
| Cobalt | 59-2 | 36.75 | 36.80 | 36.86 | 36.81 | 0.16 | ppb |
| Copper | 63-2 | 447.39 | 446.40 | 447.84 | 447.21 | 0.17 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 111 | | % |
| Indium | 115-2 | | | | 107 | | % |
| Iron | 56-2 | 34012.75 | 33966.94 | 34076.71 | 34018.80 | 0.16 | ppb |
| Iron | 57-2 | 33572.69 | 33697.54 | 33917.42 | 33729.21 | 0.52 | ppb |
| Iron | 54-2 | 34517.95 | 34252.85 | 34280.63 | 34350.47 | 0.42 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:46:48 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 636.48 | 666.85 | 662.36 | 655.23 | 2.50 | ppb |
| Lead | 207-1 | 623.13 | 652.42 | 652.03 | 642.53 | 2.61 | ppb |
| Lead | 208-1 | 623.85 | 659.08 | 651.59 | 644.84 | 2.88 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 1238.30 | 1243.79 | 1247.87 | 1243.32 | 0.39 | ppb |
| Manganese | 55-2 | 133.78 | 133.46 | 134.74 | 133.99 | 0.50 | ppb |
| Molybdenum | 94-1 | 68.07 | 71.79 | 72.25 | 70.70 | 3.24 | ppb |
| Molybdenum | 95-1 | 74.53 | 79.63 | 80.23 | 78.13 | 4.01 | ppb |
| Molybdenum | 96-1 | 74.05 | 78.71 | 79.39 | 77.39 | 3.75 | ppb |
| Molybdenum | 97-1 | 75.93 | 80.10 | 80.49 | 78.84 | 3.20 | ppb |
| Molybdenum | 98-1 | 75.22 | 79.79 | 80.51 | 78.51 | 3.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 14.98 | 15.08 | 14.98 | 15.01 | 0.36 | ppb |
| Phosphorus | 31-2 | 206.07 | 194.18 | 189.90 | 196.72 | 4.26 | ppb |
| Potassium | 39-2 | 710.63 | 719.56 | 710.02 | 713.40 | 0.75 | ppb |
| Rhodium | 103-1 | | | | 108 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 1.19 | 0.61 | 0.67 | 0.82 | 39.09 | ppb |
| Selenium | 77-2 | 1.48 | 1.63 | 0.89 | 1.33 | 29.44 | ppb |
| Selenium | 78-2 | 0.77 | 0.36 | -0.46 | 0.22 | 279.43 | ppb |
| Silicon | 28-1 | 289.17 | 309.51 | 323.48 | 307.39 | 5.61 | ppb |
| Silver | 107-1 | 1.03 | 1.07 | 1.11 | 1.07 | 3.66 | ppb |
| Silver | 109-1 | 1.03 | 1.10 | 1.11 | 1.08 | 3.87 | ppb |
| Sodium | 23-2 | 2255.99 | 2306.64 | 2300.95 | 2287.86 | 1.21 | ppb |
| Strontium | 86-1 | 1059.35 | 1135.09 | 1138.76 | 1111.06 | 4.03 | ppb |
| Strontium | 88-1 | 1095.56 | 1154.06 | 1159.90 | 1136.51 | 3.13 | ppb |
| Sulfur | 34-1 | 188.24 | 432.11 | 477.41 | 365.92 | 42.50 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.71 | 0.76 | 0.75 | 0.74 | 3.25 | ppb |
| Thallium | 205-1 | 0.72 | 0.75 | 0.76 | 0.74 | 2.90 | ppb |
| Tin | 118-1 | 91.62 | 97.79 | 97.79 | 95.73 | 3.72 | ppb |
| Titanium | 47-1 | 132.40 | 142.85 | 141.64 | 138.97 | 4.11 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:46:48 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.85 | 0.88 | 0.89 | 0.87 | 2.57 | ppb |
| Vanadium | 51-2 | 8.81 | 8.87 | 8.74 | 8.81 | 0.73 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 2267.69 | 2337.09 | 2298.61 | 2301.13 | 1.51 | ppb |
| Zirconium | 90-1 | 3.24 | 3.43 | 3.44 | 3.37 | 3.31 | ppb |
| Zirconium | 91-1 | 3.47 | 3.65 | 3.69 | 3.61 | 3.23 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13963.59 | 13862.10 | 13775.31 | 13867.00 | 0.68 | ppb |
| Antimony | 121-1 | 2034.82 | 2231.42 | 2221.68 | 2162.64 | 5.12 | ppb |
| Arsenic | 75-2 | 5897.51 | 5992.18 | 5867.79 | 5919.16 | 1.10 | ppb |
| Barium | 135-1 | 575.64 | 633.58 | 628.50 | 612.57 | 5.24 | ppb |
| Barium | 137-1 | 573.95 | 624.08 | 619.82 | 605.95 | 4.59 | ppb |
| Beryllium | 9-1 | 10.55 | 11.75 | 11.79 | 11.36 | 6.22 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 101.84 | 108.72 | 109.90 | 106.82 | 4.07 | ppb |
| Cadmium | 106-1 | 99.75 | 108.79 | 109.49 | 106.01 | 5.13 | ppb |
| Cadmium | 111-1 | 98.98 | 107.28 | 108.09 | 104.78 | 4.81 | ppb |
| Calcium | 43-1 | 42222.55 | 45853.87 | 46064.30 | 44713.57 | 4.83 | ppb |
| Calcium | 44-1 | 41430.60 | 45655.82 | 45599.33 | 44228.58 | 5.48 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 155.34 | 154.70 | 152.94 | 154.33 | 0.81 | ppb |
| Cobalt | 59-2 | 281.50 | 282.20 | 281.51 | 281.74 | 0.14 | ppb |
| Copper | 63-2 | 2153.97 | 2170.60 | 2187.43 | 2170.67 | 0.77 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 113 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 125 | | % |
| Indium | 115-2 | | | | 118 | | % |
| Iron | 56-2 | 164538.62 | 163173.34 | 161783.78 | 163165.25 | 0.84 | ppb |
| Iron | 57-2 | 162200.07 | 162121.09 | 160869.26 | 161730.14 | 0.46 | ppb |
| Iron | 54-2 | 165457.37 | 163680.33 | 162468.18 | 163868.62 | 0.92 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3038.51 | 3300.60 | 3337.21 | 3225.44 | 5.05 | ppb |
| Lead | 207-1 | 3004.70 | 3240.62 | 3227.93 | 3157.75 | 4.20 | ppb |
| Lead | 208-1 | 2997.84 | 3262.90 | 3267.93 | 3176.22 | 4.86 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 6319.15 | 6303.40 | 6257.22 | 6293.26 | 0.51 | ppb |
| Manganese | 55-2 | 759.91 | 750.09 | 756.39 | 755.46 | 0.66 | ppb |
| Molybdenum | 94-1 | 328.69 | 359.26 | 354.18 | 347.37 | 4.72 | ppb |
| Molybdenum | 95-1 | 368.12 | 394.92 | 399.49 | 387.51 | 4.37 | ppb |
| Molybdenum | 96-1 | 368.42 | 393.81 | 392.28 | 384.84 | 3.70 | ppb |
| Molybdenum | 97-1 | 365.10 | 401.47 | 396.37 | 387.64 | 5.08 | ppb |
| Molybdenum | 98-1 | 366.22 | 396.04 | 391.08 | 384.45 | 4.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 174.06 | 173.98 | 171.86 | 173.30 | 0.72 | ppb |
| Phosphorus | 31-2 | 1004.58 | 964.80 | 983.08 | 984.15 | 2.02 | ppb |
| Potassium | 39-2 | 3379.73 | 3347.17 | 3296.52 | 3341.14 | 1.25 | ppb |
| Rhodium | 103-1 | | | | 108 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 109 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 210.84 | 224.08 | 225.76 | 220.23 | 3.71 | ppb |
| Selenium | 77-2 | 230.75 | 233.46 | 227.47 | 230.56 | 1.30 | ppb |
| Selenium | 78-2 | 230.96 | 243.90 | 235.40 | 236.75 | 2.78 | ppb |
| Silicon | 28-1 | 1468.08 | 1492.34 | 1544.08 | 1501.50 | 2.59 | ppb |
| Silver | 107-1 | 14.28 | 15.67 | 15.80 | 15.25 | 5.51 | ppb |
| Silver | 109-1 | 14.39 | 15.54 | 15.61 | 15.18 | 4.53 | ppb |
| Sodium | 23-2 | 11088.09 | 10996.30 | 10939.49 | 11007.96 | 0.68 | ppb |
| Strontium | 86-1 | 5019.30 | 5436.10 | 5405.40 | 5286.93 | 4.39 | ppb |
| Strontium | 88-1 | 5141.85 | 5557.45 | 5577.09 | 5425.46 | 4.53 | ppb |
| Sulfur | 34-1 | 3140.07 | 3847.57 | 3832.45 | 3606.69 | 11.21 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 166.10 | 183.80 | 180.96 | 176.95 | 5.37 | ppb |
| Thallium | 205-1 | 165.39 | 181.19 | 184.15 | 176.91 | 5.70 | ppb |
| Tin | 118-1 | 448.41 | 492.02 | 492.06 | 477.50 | 5.28 | ppb |
| Titanium | 47-1 | 614.13 | 679.27 | 684.15 | 659.18 | 5.93 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.85 | 4.24 | 4.22 | 4.10 | 5.36 | ppb |
| Vanadium | 51-2 | 141.65 | 141.27 | 140.01 | 140.98 | 0.61 | ppb |
| Yttrium | 89-1 | | | | 114 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 10931.66 | 10857.16 | 10918.96 | 10902.59 | 0.37 | ppb |
| Zirconium | 90-1 | 15.17 | 16.64 | 16.61 | 16.14 | 5.21 | ppb |
| Zirconium | 91-1 | 19.83 | 18.00 | 18.04 | 18.63 | 5.62 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21143.73 | 21370.32 | 21002.12 | 21172.06 | 0.88 | ppb |
| Antimony | 121-1 | 1.14 | 1.04 | 0.96 | 1.05 | 8.57 | ppb |
| Arsenic | 75-2 | 16.76 | 16.53 | 16.51 | 16.60 | 0.83 | ppb |
| Barium | 135-1 | 246.64 | 246.12 | 247.61 | 246.79 | 0.31 | ppb |
| Barium | 137-1 | 250.44 | 251.28 | 250.16 | 250.63 | 0.23 | ppb |
| Beryllium | 9-1 | 1.36 | 1.21 | 1.27 | 1.28 | 6.00 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.19 | 1.04 | 0.95 | 1.06 | 11.57 | ppb |
| Cadmium | 106-1 | 2.35 | 2.11 | 1.01 | 1.82 | 39.03 | ppb |
| Cadmium | 111-1 | 0.53 | 0.54 | 0.52 | 0.53 | 1.62 | ppb |
| Calcium | 43-1 | 89903.83 | 90218.71 | 89892.78 | 90005.11 | 0.21 | ppb |
| Calcium | 44-1 | 89203.90 | 89926.99 | 90067.15 | 89732.68 | 0.52 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.87 | 43.47 | 43.11 | 43.48 | 0.87 | ppb |
| Cobalt | 59-2 | 28.10 | 27.91 | 28.00 | 28.00 | 0.33 | ppb |
| Copper | 63-2 | 49.45 | 49.42 | 49.38 | 49.42 | 0.07 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 53948.36 | 53710.53 | 53763.59 | 53807.49 | 0.23 | ppb |
| Iron | 57-2 | 53318.11 | 54170.02 | 53257.77 | 53581.97 | 0.95 | ppb |
| Iron | 54-2 | 54271.43 | 54175.30 | 54118.53 | 54188.42 | 0.14 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 36.48 | 36.86 | 36.30 | 36.55 | 0.78 | ppb |
| Lead | 207-1 | 33.32 | 33.50 | 33.08 | 33.30 | 0.64 | ppb |
| Lead | 208-1 | 34.55 | 34.79 | 34.37 | 34.57 | 0.61 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 35469.27 | 35259.95 | 34916.16 | 35215.13 | 0.79 | ppb |
| Manganese | 55-2 | 938.81 | 942.53 | 939.08 | 940.14 | 0.22 | ppb |
| Molybdenum | 94-1 | 14.17 | 14.22 | 14.29 | 14.23 | 0.41 | ppb |
| Molybdenum | 95-1 | 2.81 | 2.82 | 2.90 | 2.85 | 1.71 | ppb |
| Molybdenum | 96-1 | 4.41 | 4.39 | 4.40 | 4.40 | 0.19 | ppb |
| Molybdenum | 97-1 | 2.82 | 2.80 | 2.96 | 2.86 | 3.15 | ppb |
| Molybdenum | 98-1 | 2.85 | 2.88 | 2.81 | 2.85 | 1.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 71.87 | 72.59 | 72.22 | 72.22 | 0.49 | ppb |
| Phosphorus | 31-2 | 1068.22 | 1047.45 | 1021.40 | 1045.69 | 2.24 | ppb |
| Potassium | 39-2 | 3463.48 | 3444.67 | 3506.49 | 3471.55 | 0.91 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 1.10 | 1.43 | 1.15 | 1.23 | 14.51 | ppb |
| Selenium | 77-2 | 9.90 | 9.40 | 10.61 | 9.97 | 6.11 | ppb |
| Selenium | 78-2 | 1.08 | 1.21 | 0.57 | 0.95 | 35.65 | ppb |
| Silicon | 28-1 | 266.38 | 255.27 | 278.37 | 266.67 | 4.33 | ppb |
| Silver | 107-1 | 0.21 | 0.18 | 0.16 | 0.18 | 14.60 | ppb |
| Silver | 109-1 | 0.19 | 0.16 | 0.14 | 0.16 | 15.79 | ppb |
| Sodium | 23-2 | 258.15 | 258.87 | 260.12 | 259.04 | 0.38 | ppb |
| Strontium | 86-1 | 3003.88 | 3023.59 | 3069.10 | 3032.19 | 1.10 | ppb |
| Strontium | 88-1 | 3137.29 | 3136.99 | 3088.72 | 3121.00 | 0.90 | ppb |
| Sulfur | 34-1 | 1062.29 | 1072.48 | 1250.67 | 1128.48 | 9.39 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.47 | 0.44 | 0.42 | 0.44 | 5.63 | ppb |
| Thallium | 205-1 | 0.47 | 0.43 | 0.43 | 0.45 | 4.75 | ppb |
| Tin | 118-1 | 1.20 | 1.15 | 1.12 | 1.16 | 3.60 | ppb |
| Titanium | 47-1 | 242.66 | 241.22 | 246.02 | 243.30 | 1.01 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.70 | 1.72 | 1.72 | 1.71 | 0.51 | ppb |
| Vanadium | 51-2 | 54.31 | 53.79 | 54.21 | 54.11 | 0.51 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 159.52 | 158.52 | 158.31 | 158.78 | 0.41 | ppb |
| Zirconium | 90-1 | 6.40 | 6.55 | 6.69 | 6.55 | 2.22 | ppb |
| Zirconium | 91-1 | 6.47 | 6.56 | 7.18 | 6.73 | 5.74 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20890.77 | 20788.36 | 21006.79 | 20895.31 | 0.52 | ppb |
| Antimony | 121-1 | 0.56 | 0.54 | 0.55 | 0.55 | 1.88 | ppb |
| Arsenic | 75-2 | 16.31 | 16.29 | 16.26 | 16.29 | 0.16 | ppb |
| Barium | 135-1 | 242.06 | 242.95 | 241.39 | 242.14 | 0.32 | ppb |
| Barium | 137-1 | 244.05 | 244.61 | 243.86 | 244.17 | 0.16 | ppb |
| Beryllium | 9-1 | 1.27 | 1.24 | 1.30 | 1.27 | 2.14 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.00 | 0.90 | 0.95 | 0.95 | 5.01 | ppb |
| Cadmium | 106-1 | 1.75 | 1.59 | 0.70 | 1.34 | 42.11 | ppb |
| Cadmium | 111-1 | 0.47 | 0.47 | 0.47 | 0.47 | 0.12 | ppb |
| Calcium | 43-1 | 86533.48 | 89221.23 | 89307.20 | 88353.97 | 1.79 | ppb |
| Calcium | 44-1 | 87106.03 | 88221.85 | 88308.90 | 87878.93 | 0.76 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 42.88 | 43.07 | 43.05 | 43.00 | 0.24 | ppb |
| Cobalt | 59-2 | 27.66 | 27.28 | 27.61 | 27.51 | 0.74 | ppb |
| Copper | 63-2 | 49.17 | 48.91 | 49.09 | 49.05 | 0.27 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 53488.11 | 53202.49 | 53122.65 | 53271.08 | 0.36 | ppb |
| Iron | 57-2 | 53336.85 | 53126.88 | 53377.44 | 53280.39 | 0.25 | ppb |
| Iron | 54-2 | 53248.52 | 53299.41 | 53783.37 | 53443.76 | 0.55 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35.09 | 35.13 | 35.49 | 35.24 | 0.63 | ppb |
| Lead | 207-1 | 31.84 | 31.66 | 32.50 | 32.00 | 1.37 | ppb |
| Lead | 208-1 | 33.00 | 33.21 | 33.70 | 33.30 | 1.09 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 34486.85 | 34598.46 | 34526.89 | 34537.40 | 0.16 | ppb |
| Manganese | 55-2 | 929.93 | 928.87 | 945.76 | 934.85 | 1.01 | ppb |
| Molybdenum | 94-1 | 13.73 | 14.22 | 14.09 | 14.01 | 1.78 | ppb |
| Molybdenum | 95-1 | 2.63 | 2.72 | 2.73 | 2.69 | 1.95 | ppb |
| Molybdenum | 96-1 | 4.25 | 4.27 | 4.30 | 4.27 | 0.58 | ppb |
| Molybdenum | 97-1 | 2.69 | 2.76 | 2.77 | 2.74 | 1.62 | ppb |
| Molybdenum | 98-1 | 2.65 | 2.75 | 2.73 | 2.71 | 1.87 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 70.74 | 70.81 | 71.21 | 70.92 | 0.36 | ppb |
| Phosphorus | 31-2 | 1028.46 | 1028.83 | 990.21 | 1015.83 | 2.18 | ppb |
| Potassium | 39-2 | 3328.70 | 3338.72 | 3343.87 | 3337.10 | 0.23 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 1.18 | 0.60 | 0.83 | 0.87 | 33.58 | ppb |
| Selenium | 77-2 | 7.82 | 8.63 | 8.28 | 8.24 | 4.94 | ppb |
| Selenium | 78-2 | 1.12 | 1.34 | 1.58 | 1.35 | 17.12 | ppb |
| Silicon | 28-1 | 217.15 | 251.32 | 265.94 | 244.80 | 10.23 | ppb |
| Silver | 107-1 | 0.14 | 0.13 | 0.14 | 0.13 | 4.16 | ppb |
| Silver | 109-1 | 0.13 | 0.14 | 0.13 | 0.13 | 4.95 | ppb |
| Sodium | 23-2 | 257.56 | 253.37 | 256.43 | 255.79 | 0.85 | ppb |
| Strontium | 86-1 | 2952.06 | 3003.44 | 3009.02 | 2988.17 | 1.05 | ppb |
| Strontium | 88-1 | 3050.22 | 3052.64 | 3049.17 | 3050.68 | 0.06 | ppb |
| Sulfur | 34-1 | 1081.64 | 1258.68 | 1287.34 | 1209.22 | 9.21 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.38 | 0.37 | 0.40 | 0.39 | 3.64 | ppb |
| Thallium | 205-1 | 0.39 | 0.40 | 0.39 | 0.39 | 1.16 | ppb |
| Tin | 118-1 | 1.03 | 0.99 | 1.00 | 1.01 | 2.29 | ppb |
| Titanium | 47-1 | 236.37 | 240.70 | 236.74 | 237.93 | 1.01 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.66 | 1.71 | 1.75 | 1.71 | 2.68 | ppb |
| Vanadium | 51-2 | 52.97 | 53.74 | 53.59 | 53.43 | 0.77 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 157.40 | 156.44 | 156.37 | 156.74 | 0.37 | ppb |
| Zirconium | 90-1 | 6.31 | 6.44 | 6.48 | 6.41 | 1.43 | ppb |
| Zirconium | 91-1 | 6.52 | 6.50 | 6.56 | 6.53 | 0.43 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4433.87 | 4387.28 | 4437.57 | 4419.58 | 0.63 | ppb |
| Antimony | 121-1 | 0.15 | 0.14 | 0.14 | 0.14 | 3.95 | ppb |
| Arsenic | 75-2 | 3.65 | 3.49 | 3.18 | 3.44 | 6.87 | ppb |
| Barium | 135-1 | 49.89 | 50.33 | 49.54 | 49.92 | 0.80 | ppb |
| Barium | 137-1 | 50.66 | 51.31 | 50.72 | 50.90 | 0.71 | ppb |
| Beryllium | 9-1 | 0.25 | 0.26 | 0.31 | 0.27 | 10.15 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.16 | 0.15 | 0.20 | 0.17 | 17.54 | ppb |
| Cadmium | 106-1 | 0.55 | 0.24 | 0.40 | 0.40 | 38.29 | ppb |
| Cadmium | 111-1 | 0.11 | 0.11 | 0.10 | 0.11 | 1.33 | ppb |
| Calcium | 43-1 | 18686.23 | 18611.37 | 18528.62 | 18608.74 | 0.42 | ppb |
| Calcium | 44-1 | 18237.19 | 18243.64 | 18273.21 | 18251.35 | 0.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8.85 | 9.04 | 8.88 | 8.92 | 1.12 | ppb |
| Cobalt | 59-2 | 5.89 | 5.75 | 5.76 | 5.80 | 1.35 | ppb |
| Copper | 63-2 | 10.30 | 10.25 | 10.36 | 10.30 | 0.57 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 11327.09 | 11034.00 | 11087.67 | 11149.59 | 1.40 | ppb |
| Iron | 57-2 | 11295.00 | 11085.45 | 11122.91 | 11167.79 | 1.00 | ppb |
| Iron | 54-2 | 11352.69 | 11215.50 | 11219.83 | 11262.67 | 0.69 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7.27 | 7.27 | 7.28 | 7.27 | 0.07 | ppb |
| Lead | 207-1 | 6.55 | 6.57 | 6.57 | 6.57 | 0.17 | ppb |
| Lead | 208-1 | 6.82 | 6.83 | 6.87 | 6.84 | 0.40 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 7467.05 | 7240.71 | 7132.45 | 7280.07 | 2.35 | ppb |
| Manganese | 55-2 | 192.74 | 190.96 | 190.15 | 191.28 | 0.69 | ppb |
| Molybdenum | 94-1 | 2.85 | 2.91 | 2.89 | 2.88 | 0.99 | ppb |
| Molybdenum | 95-1 | 0.54 | 0.58 | 0.54 | 0.55 | 3.92 | ppb |
| Molybdenum | 96-1 | 0.88 | 0.86 | 0.90 | 0.88 | 1.85 | ppb |
| Molybdenum | 97-1 | 0.55 | 0.60 | 0.55 | 0.57 | 5.20 | ppb |
| Molybdenum | 98-1 | 0.55 | 0.59 | 0.54 | 0.56 | 4.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 14.91 | 14.68 | 14.93 | 14.84 | 0.94 | ppb |
| Phosphorus | 31-2 | 195.37 | 204.88 | 208.71 | 202.99 | 3.38 | ppb |
| Potassium | 39-2 | 726.27 | 720.11 | 717.42 | 721.27 | 0.63 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | -0.33 | 0.25 | 0.10 | 0.01 | 4886.14 | ppb |
| Selenium | 77-2 | 1.41 | 2.04 | 2.99 | 2.15 | 37.14 | ppb |
| Selenium | 78-2 | -0.61 | -0.66 | -0.34 | -0.54 | | ppb |
| Silicon | 28-1 | 50.20 | 46.50 | 60.05 | 52.25 | 13.41 | ppb |
| Silver | 107-1 | 0.03 | 0.02 | 0.03 | 0.03 | 13.13 | ppb |
| Silver | 109-1 | 0.03 | 0.02 | 0.03 | 0.03 | 14.25 | ppb |
| Sodium | 23-2 | 65.77 | 63.55 | 63.12 | 64.15 | 2.21 | ppb |
| Strontium | 86-1 | 638.62 | 639.14 | 626.41 | 634.73 | 1.14 | ppb |
| Strontium | 88-1 | 625.40 | 635.42 | 625.47 | 628.76 | 0.92 | ppb |
| Sulfur | 34-1 | 367.35 | 274.80 | 240.49 | 294.21 | 22.30 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.07 | 0.07 | 0.07 | 0.07 | 2.26 | ppb |
| Thallium | 205-1 | 0.07 | 0.06 | 0.07 | 0.07 | 6.99 | ppb |
| Tin | 118-1 | 0.25 | 0.25 | 0.22 | 0.24 | 5.76 | ppb |
| Titanium | 47-1 | 50.12 | 48.13 | 49.17 | 49.14 | 2.02 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.33 | 0.34 | 0.34 | 0.34 | 0.88 | ppb |
| Vanadium | 51-2 | 11.06 | 11.29 | 11.29 | 11.21 | 1.18 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 33.93 | 33.20 | 33.13 | 33.42 | 1.34 | ppb |
| Zirconium | 90-1 | 1.43 | 1.36 | 1.33 | 1.37 | 3.79 | ppb |
| Zirconium | 91-1 | 1.37 | 1.37 | 1.34 | 1.36 | 1.21 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:02:30 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21400.75 | 21744.43 | 21542.36 | 21562.51 | 0.80 | ppb |
| Antimony | 121-1 | 0.49 | 0.50 | 0.48 | 0.49 | 1.50 | ppb |
| Arsenic | 75-2 | 221.03 | 222.38 | 227.62 | 223.68 | 1.56 | ppb |
| Barium | 135-1 | 650.57 | 649.66 | 653.91 | 651.38 | 0.34 | ppb |
| Barium | 137-1 | 658.05 | 652.09 | 652.51 | 654.22 | 0.51 | ppb |
| Beryllium | 9-1 | 10.96 | 10.93 | 11.26 | 11.05 | 1.63 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 92.08 | 95.34 | 94.31 | 93.91 | 1.78 | ppb |
| Cadmium | 106-1 | 91.64 | 92.36 | 93.39 | 92.46 | 0.95 | ppb |
| Cadmium | 111-1 | 97.08 | 96.91 | 96.86 | 96.95 | 0.12 | ppb |
| Calcium | 43-1 | 88242.98 | 89244.04 | 89423.37 | 88970.13 | 0.71 | ppb |
| Calcium | 44-1 | 87867.63 | 89275.43 | 89138.06 | 88760.37 | 0.87 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 83.80 | 82.37 | 83.78 | 83.32 | 0.98 | ppb |
| Cobalt | 59-2 | 125.94 | 126.65 | 126.90 | 126.50 | 0.39 | ppb |
| Copper | 63-2 | 97.29 | 96.69 | 96.99 | 96.99 | 0.31 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 54067.22 | 54198.64 | 54173.30 | 54146.39 | 0.13 | ppb |
| Iron | 57-2 | 53718.22 | 53813.56 | 54368.79 | 53966.86 | 0.65 | ppb |
| Iron | 54-2 | 54195.62 | 54817.54 | 54255.60 | 54422.92 | 0.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:02:30 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 211.19 | 218.27 | 213.28 | 214.25 | 1.70 | ppb |
| Lead | 207-1 | 185.43 | 188.11 | 185.69 | 186.41 | 0.79 | ppb |
| Lead | 208-1 | 200.32 | 201.97 | 201.49 | 201.26 | 0.42 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 34944.44 | 34985.03 | 35171.51 | 35033.66 | 0.35 | ppb |
| Manganese | 55-2 | 1049.42 | 1061.16 | 1043.90 | 1051.49 | 0.84 | ppb |
| Molybdenum | 94-1 | 15.33 | 16.00 | 15.35 | 15.56 | 2.46 | ppb |
| Molybdenum | 95-1 | 4.55 | 4.50 | 4.57 | 4.54 | 0.72 | ppb |
| Molybdenum | 96-1 | 6.13 | 6.19 | 6.11 | 6.15 | 0.68 | ppb |
| Molybdenum | 97-1 | 4.60 | 4.58 | 4.61 | 4.59 | 0.33 | ppb |
| Molybdenum | 98-1 | 4.60 | 4.56 | 4.58 | 4.58 | 0.41 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 171.42 | 171.62 | 172.92 | 171.99 | 0.47 | ppb |
| Phosphorus | 31-2 | 1022.77 | 1041.49 | 1033.11 | 1032.46 | 0.91 | ppb |
| Potassium | 39-2 | 3508.18 | 3464.93 | 3508.25 | 3493.79 | 0.72 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 218.67 | 218.07 | 219.47 | 218.74 | 0.32 | ppb |
| Selenium | 77-2 | 233.64 | 227.56 | 230.82 | 230.67 | 1.32 | ppb |
| Selenium | 78-2 | 224.36 | 223.72 | 225.82 | 224.63 | 0.48 | ppb |
| Silicon | 28-1 | 345.23 | 331.31 | 358.37 | 344.97 | 3.92 | ppb |
| Silver | 107-1 | 9.96 | 10.08 | 10.08 | 10.04 | 0.71 | ppb |
| Silver | 109-1 | 10.00 | 9.96 | 10.03 | 10.00 | 0.30 | ppb |
| Sodium | 23-2 | 267.93 | 272.59 | 316.23 | 285.58 | 9.33 | ppb |
| Strontium | 86-1 | 2996.94 | 2976.09 | 2994.55 | 2989.19 | 0.38 | ppb |
| Strontium | 88-1 | 3039.77 | 3021.57 | 3031.74 | 3031.03 | 0.30 | ppb |
| Sulfur | 34-1 | 1201.07 | 1201.15 | 1206.41 | 1202.88 | 0.25 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 187.56 | 188.45 | 187.38 | 187.80 | 0.30 | ppb |
| Thallium | 205-1 | 184.81 | 186.56 | 184.59 | 185.32 | 0.58 | ppb |
| Tin | 118-1 | 1.05 | 1.06 | 1.05 | 1.05 | 0.38 | ppb |
| Titanium | 47-1 | 247.86 | 254.28 | 244.80 | 248.98 | 1.94 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:02:30 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.71 | 1.75 | 1.69 | 1.71 | 1.79 | ppb |
| Vanadium | 51-2 | 152.25 | 152.65 | 153.09 | 152.66 | 0.27 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 260.18 | 257.15 | 259.71 | 259.02 | 0.63 | ppb |
| Zirconium | 90-1 | 6.46 | 6.55 | 6.53 | 6.51 | 0.69 | ppb |
| Zirconium | 91-1 | 6.60 | 6.33 | 6.52 | 6.48 | 2.14 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:05:37 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8223.69 | 8280.64 | 8298.18 | 8267.50 | 0.47 | ppb |
| Antimony | 121-1 | 136.00 | 138.23 | 138.13 | 137.46 | 0.92 | ppb |
| Arsenic | 75-2 | 214.55 | 214.91 | 219.60 | 216.35 | 1.30 | ppb |
| Barium | 135-1 | 98.41 | 100.27 | 99.14 | 99.28 | 0.95 | ppb |
| Barium | 137-1 | 101.04 | 101.06 | 101.07 | 101.06 | 0.02 | ppb |
| Beryllium | 9-1 | 0.26 | 0.23 | 0.27 | 0.25 | 7.89 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.16 | 2.34 | 2.15 | 2.22 | 4.95 | ppb |
| Cadmium | 106-1 | 2.32 | 3.09 | 2.06 | 2.49 | 21.48 | ppb |
| Cadmium | 111-1 | 1.36 | 1.40 | 1.39 | 1.38 | 1.16 | ppb |
| Calcium | 43-1 | 28995.45 | 28960.48 | 29160.61 | 29038.85 | 0.37 | ppb |
| Calcium | 44-1 | 28600.92 | 28455.69 | 28347.53 | 28468.05 | 0.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 27.85 | 27.74 | 27.93 | 27.84 | 0.35 | ppb |
| Cobalt | 59-2 | 34.02 | 33.88 | 34.33 | 34.08 | 0.68 | ppb |
| Copper | 63-2 | 513.14 | 505.65 | 507.85 | 508.88 | 0.76 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 32395.65 | 32529.14 | 32623.46 | 32516.08 | 0.35 | ppb |
| Iron | 57-2 | 32083.78 | 32164.57 | 32486.68 | 32245.01 | 0.66 | ppb |
| Iron | 54-2 | 32494.71 | 32460.09 | 32603.60 | 32519.46 | 0.23 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:05:37 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 362.76 | 364.95 | 374.41 | 367.37 | 1.68 | ppb |
| Lead | 207-1 | 356.62 | 351.83 | 364.07 | 357.51 | 1.73 | ppb |
| Lead | 208-1 | 358.67 | 356.86 | 365.59 | 360.37 | 1.28 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 5629.16 | 5617.98 | 5566.92 | 5604.69 | 0.59 | ppb |
| Manganese | 55-2 | 272.74 | 273.55 | 274.52 | 273.60 | 0.33 | ppb |
| Molybdenum | 94-1 | 10.98 | 10.96 | 11.55 | 11.16 | 3.00 | ppb |
| Molybdenum | 95-1 | 6.52 | 6.54 | 6.80 | 6.62 | 2.35 | ppb |
| Molybdenum | 96-1 | 7.24 | 7.41 | 7.49 | 7.38 | 1.73 | ppb |
| Molybdenum | 97-1 | 6.62 | 6.84 | 6.88 | 6.78 | 2.09 | ppb |
| Molybdenum | 98-1 | 6.59 | 6.71 | 6.87 | 6.72 | 2.05 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 22.24 | 22.09 | 22.61 | 22.31 | 1.22 | ppb |
| Phosphorus | 31-2 | 930.45 | 891.61 | 933.39 | 918.48 | 2.54 | ppb |
| Potassium | 39-2 | 2174.08 | 2191.07 | 2134.84 | 2166.67 | 1.33 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.83 | 1.13 | 1.10 | 1.02 | 16.65 | ppb |
| Selenium | 77-2 | 4.34 | 3.75 | 4.25 | 4.12 | 7.78 | ppb |
| Selenium | 78-2 | 0.60 | 0.65 | -0.10 | 0.38 | 109.41 | ppb |
| Silicon | 28-1 | 273.39 | 306.89 | 288.62 | 289.63 | 5.79 | ppb |
| Silver | 107-1 | 1.52 | 1.50 | 1.53 | 1.52 | 0.80 | ppb |
| Silver | 109-1 | 1.50 | 1.52 | 1.50 | 1.51 | 0.72 | ppb |
| Sodium | 23-2 | 12083.02 | 12039.92 | 12221.66 | 12114.86 | 0.78 | ppb |
| Strontium | 86-1 | 5199.43 | 5228.82 | 5330.30 | 5252.85 | 1.31 | ppb |
| Strontium | 88-1 | 5306.40 | 5364.67 | 5298.74 | 5323.27 | 0.68 | ppb |
| Sulfur | 34-1 | 4010.70 | 3925.33 | 4025.41 | 3987.15 | 1.36 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.30 | 0.27 | 0.28 | 0.28 | 4.31 | ppb |
| Thallium | 205-1 | 0.29 | 0.29 | 0.29 | 0.29 | 0.89 | ppb |
| Tin | 118-1 | 37.90 | 38.71 | 38.47 | 38.36 | 1.09 | ppb |
| Titanium | 47-1 | 512.19 | 509.07 | 514.62 | 511.96 | 0.54 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:05:37 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.37 | 1.36 | 1.37 | 1.37 | 0.58 | ppb |
| Vanadium | 51-2 | 38.16 | 38.52 | 38.41 | 38.36 | 0.48 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 1756.21 | 1774.37 | 1765.04 | 1765.21 | 0.51 | ppb |
| Zirconium | 90-1 | 2.97 | 3.06 | 3.08 | 3.03 | 1.99 | ppb |
| Zirconium | 91-1 | 3.02 | 3.04 | 3.05 | 3.03 | 0.51 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:08:43 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8228.86 | 8274.33 | 8272.53 | 8258.57 | 0.31 | ppb |
| Antimony | 121-1 | 140.17 | 139.20 | 139.19 | 139.52 | 0.40 | ppb |
| Arsenic | 75-2 | 219.81 | 216.80 | 219.17 | 218.59 | 0.73 | ppb |
| Barium | 135-1 | 100.06 | 100.06 | 99.88 | 100.00 | 0.10 | ppb |
| Barium | 137-1 | 100.67 | 101.55 | 100.90 | 101.04 | 0.45 | ppb |
| Beryllium | 9-1 | 0.25 | 0.25 | 0.28 | 0.26 | 7.98 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.11 | 1.80 | 1.91 | 1.94 | 8.23 | ppb |
| Cadmium | 106-1 | 1.75 | 1.87 | 0.96 | 1.52 | 32.41 | ppb |
| Cadmium | 111-1 | 1.31 | 1.32 | 1.36 | 1.33 | 2.23 | ppb |
| Calcium | 43-1 | 28859.58 | 29343.80 | 29287.61 | 29163.66 | 0.91 | ppb |
| Calcium | 44-1 | 28157.95 | 28583.22 | 28458.09 | 28399.75 | 0.77 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 27.99 | 27.81 | 28.14 | 27.98 | 0.59 | ppb |
| Cobalt | 59-2 | 34.09 | 34.10 | 34.42 | 34.20 | 0.56 | ppb |
| Copper | 63-2 | 507.18 | 506.73 | 512.33 | 508.75 | 0.61 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 32564.50 | 32400.08 | 32836.87 | 32600.48 | 0.68 | ppb |
| Iron | 57-2 | 31932.26 | 31992.94 | 32528.26 | 32151.16 | 1.02 | ppb |
| Iron | 54-2 | 32869.79 | 32972.61 | 33202.65 | 33015.02 | 0.52 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:08:43 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 370.04 | 376.95 | 371.04 | 372.68 | 1.00 | ppb |
| Lead | 207-1 | 362.28 | 368.78 | 370.52 | 367.19 | 1.18 | ppb |
| Lead | 208-1 | 363.93 | 369.30 | 367.20 | 366.81 | 0.74 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 5644.75 | 5595.23 | 5692.74 | 5644.24 | 0.86 | ppb |
| Manganese | 55-2 | 273.62 | 276.30 | 276.53 | 275.48 | 0.59 | ppb |
| Molybdenum | 94-1 | 10.59 | 10.90 | 11.02 | 10.84 | 2.05 | ppb |
| Molybdenum | 95-1 | 6.54 | 6.73 | 6.51 | 6.59 | 1.86 | ppb |
| Molybdenum | 96-1 | 7.35 | 7.34 | 7.40 | 7.36 | 0.40 | ppb |
| Molybdenum | 97-1 | 6.72 | 6.78 | 6.71 | 6.74 | 0.53 | ppb |
| Molybdenum | 98-1 | 6.57 | 6.74 | 6.71 | 6.67 | 1.35 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 22.24 | 22.36 | 22.67 | 22.42 | 1.00 | ppb |
| Phosphorus | 31-2 | 899.45 | 923.03 | 916.40 | 912.96 | 1.33 | ppb |
| Potassium | 39-2 | 2174.39 | 2189.40 | 2218.23 | 2194.01 | 1.02 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.94 | 1.18 | 0.95 | 1.02 | 13.31 | ppb |
| Selenium | 77-2 | 3.40 | 4.91 | 3.85 | 4.05 | 19.15 | ppb |
| Selenium | 78-2 | 0.61 | 0.28 | -0.67 | 0.07 | 923.67 | ppb |
| Silicon | 28-1 | 271.42 | 288.95 | 246.12 | 268.83 | 8.01 | ppb |
| Silver | 107-1 | 1.52 | 1.53 | 1.51 | 1.52 | 0.69 | ppb |
| Silver | 109-1 | 1.50 | 1.53 | 1.52 | 1.51 | 1.14 | ppb |
| Sodium | 23-2 | 12205.97 | 12208.60 | 12367.16 | 12260.57 | 0.75 | ppb |
| Strontium | 86-1 | 5165.73 | 5236.79 | 5222.14 | 5208.22 | 0.72 | ppb |
| Strontium | 88-1 | 5289.34 | 5407.50 | 5343.45 | 5346.76 | 1.11 | ppb |
| Sulfur | 34-1 | 3834.21 | 3866.38 | 3932.70 | 3877.76 | 1.30 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.24 | 0.24 | 0.24 | 0.24 | 0.38 | ppb |
| Thallium | 205-1 | 0.24 | 0.25 | 0.23 | 0.24 | 4.41 | ppb |
| Tin | 118-1 | 38.56 | 38.54 | 38.01 | 38.37 | 0.81 | ppb |
| Titanium | 47-1 | 514.40 | 518.40 | 515.26 | 516.02 | 0.41 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:08:43 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.37 | 1.38 | 1.37 | 1.37 | 0.67 | ppb |
| Vanadium | 51-2 | 38.40 | 38.61 | 39.07 | 38.69 | 0.89 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 1746.96 | 1762.21 | 1755.25 | 1754.81 | 0.44 | ppb |
| Zirconium | 90-1 | 2.95 | 3.04 | 2.96 | 2.98 | 1.69 | ppb |
| Zirconium | 91-1 | 3.20 | 3.09 | 3.12 | 3.14 | 1.90 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:11:51 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1620.85 | 1614.60 | 1608.61 | 1614.69 | 0.38 | ppb |
| Antimony | 121-1 | 26.95 | 27.03 | 26.82 | 26.93 | 0.39 | ppb |
| Arsenic | 75-2 | 44.51 | 44.52 | 43.79 | 44.28 | 0.95 | ppb |
| Barium | 135-1 | 20.28 | 20.33 | 19.99 | 20.20 | 0.92 | ppb |
| Barium | 137-1 | 20.62 | 20.82 | 20.36 | 20.60 | 1.11 | ppb |
| Beryllium | 9-1 | 0.02 | 0.04 | 0.07 | 0.04 | 61.05 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.25 | 0.37 | 0.43 | 0.35 | 26.68 | ppb |
| Cadmium | 106-1 | 0.63 | 0.68 | -0.53 | 0.26 | 262.00 | ppb |
| Cadmium | 111-1 | 0.29 | 0.28 | 0.27 | 0.28 | 3.83 | ppb |
| Calcium | 43-1 | 5893.57 | 5898.26 | 5964.41 | 5918.75 | 0.67 | ppb |
| Calcium | 44-1 | 5765.13 | 5817.51 | 5716.91 | 5766.51 | 0.87 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5.57 | 5.53 | 5.61 | 5.57 | 0.73 | ppb |
| Cobalt | 59-2 | 6.92 | 6.91 | 6.93 | 6.92 | 0.20 | ppb |
| Copper | 63-2 | 101.63 | 102.06 | 101.95 | 101.88 | 0.22 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 6552.49 | 6575.72 | 6602.21 | 6576.81 | 0.38 | ppb |
| Iron | 57-2 | 6577.75 | 6560.60 | 6590.66 | 6576.34 | 0.23 | ppb |
| Iron | 54-2 | 6796.91 | 6651.35 | 6682.30 | 6710.19 | 1.14 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:11:51 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 71.67 | 72.29 | 72.48 | 72.15 | 0.59 | ppb |
| Lead | 207-1 | 69.02 | 69.43 | 69.81 | 69.42 | 0.57 | ppb |
| Lead | 208-1 | 69.62 | 70.59 | 70.67 | 70.29 | 0.83 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 1074.11 | 1081.84 | 1075.21 | 1077.05 | 0.39 | ppb |
| Manganese | 55-2 | 55.41 | 55.81 | 55.90 | 55.71 | 0.47 | ppb |
| Molybdenum | 94-1 | 2.11 | 2.20 | 2.16 | 2.16 | 2.10 | ppb |
| Molybdenum | 95-1 | 1.33 | 1.41 | 1.33 | 1.36 | 3.35 | ppb |
| Molybdenum | 96-1 | 1.47 | 1.47 | 1.47 | 1.47 | 0.27 | ppb |
| Molybdenum | 97-1 | 1.36 | 1.40 | 1.41 | 1.39 | 1.76 | ppb |
| Molybdenum | 98-1 | 1.30 | 1.36 | 1.36 | 1.34 | 2.68 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 4.53 | 4.39 | 4.72 | 4.54 | 3.61 | ppb |
| Phosphorus | 31-2 | 164.11 | 170.99 | 167.81 | 167.64 | 2.05 | ppb |
| Potassium | 39-2 | 450.13 | 451.78 | 457.68 | 453.20 | 0.88 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 0.40 | 0.43 | 0.00 | 0.28 | 86.91 | ppb |
| Selenium | 77-2 | 0.63 | 1.24 | 1.24 | 1.03 | 34.08 | ppb |
| Selenium | 78-2 | 1.20 | -0.08 | 0.29 | 0.47 | 139.79 | ppb |
| Silicon | 28-1 | 54.04 | 73.13 | 54.81 | 60.66 | 17.81 | ppb |
| Silver | 107-1 | 0.30 | 0.30 | 0.29 | 0.30 | 1.81 | ppb |
| Silver | 109-1 | 0.32 | 0.30 | 0.30 | 0.31 | 2.52 | ppb |
| Sodium | 23-2 | 2490.28 | 2488.33 | 2476.82 | 2485.15 | 0.29 | ppb |
| Strontium | 86-1 | 1044.31 | 1064.41 | 1079.57 | 1062.76 | 1.66 | ppb |
| Strontium | 88-1 | 1073.81 | 1089.09 | 1093.54 | 1085.48 | 0.95 | ppb |
| Sulfur | 34-1 | 787.63 | 802.66 | 763.97 | 784.75 | 2.49 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.03 | 0.04 | 0.03 | 0.03 | 4.91 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.04 | 0.04 | 1.95 | ppb |
| Tin | 118-1 | 7.72 | 7.81 | 7.84 | 7.79 | 0.81 | ppb |
| Titanium | 47-1 | 106.21 | 104.32 | 104.46 | 105.00 | 1.00 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:11:51 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.27 | 0.27 | 0.29 | 0.28 | 3.84 | ppb |
| Vanadium | 51-2 | 7.79 | 7.81 | 7.95 | 7.85 | 1.07 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 355.37 | 353.94 | 354.53 | 354.61 | 0.20 | ppb |
| Zirconium | 90-1 | 0.62 | 0.58 | 0.58 | 0.59 | 4.54 | ppb |
| Zirconium | 91-1 | 0.63 | 0.60 | 0.59 | 0.61 | 3.07 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06RE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:15:06 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8310.40 | 8128.42 | 8190.27 | 8209.70 | 1.13 | ppb |
| Antimony | 121-1 | 134.29 | 136.37 | 136.80 | 135.82 | 0.99 | ppb |
| Arsenic | 75-2 | 216.62 | 217.54 | 215.58 | 216.58 | 0.45 | ppb |
| Barium | 135-1 | 98.63 | 100.69 | 99.05 | 99.46 | 1.09 | ppb |
| Barium | 137-1 | 99.67 | 101.48 | 100.55 | 100.56 | 0.90 | ppb |
| Beryllium | 9-1 | 0.21 | 0.26 | 0.24 | 0.24 | 12.29 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.92 | 2.25 | 2.61 | 2.26 | 15.09 | ppb |
| Cadmium | 106-1 | 2.88 | 2.82 | 2.16 | 2.62 | 15.21 | ppb |
| Cadmium | 111-1 | 1.33 | 1.37 | 1.36 | 1.35 | 1.35 | ppb |
| Calcium | 43-1 | 28554.50 | 28969.41 | 28633.83 | 28719.25 | 0.77 | ppb |
| Calcium | 44-1 | 27699.02 | 28512.40 | 28066.80 | 28092.74 | 1.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 27.73 | 27.81 | 27.78 | 27.77 | 0.14 | ppb |
| Cobalt | 59-2 | 34.11 | 34.10 | 34.14 | 34.12 | 0.06 | ppb |
| Copper | 63-2 | 508.09 | 517.11 | 504.24 | 509.81 | 1.30 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 32565.00 | 32245.58 | 32396.36 | 32402.31 | 0.49 | ppb |
| Iron | 57-2 | 32120.32 | 32100.92 | 32253.77 | 32158.34 | 0.26 | ppb |
| Iron | 54-2 | 32562.39 | 32371.63 | 32520.76 | 32484.93 | 0.31 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06RE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:15:06 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 364.15 | 365.15 | 371.11 | 366.81 | 1.03 | ppb |
| Lead | 207-1 | 351.87 | 358.01 | 366.01 | 358.63 | 1.98 | ppb |
| Lead | 208-1 | 355.51 | 358.71 | 364.09 | 359.44 | 1.21 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 5658.56 | 5518.36 | 5586.53 | 5587.82 | 1.25 | ppb |
| Manganese | 55-2 | 272.58 | 273.67 | 271.63 | 272.63 | 0.37 | ppb |
| Molybdenum | 94-1 | 10.24 | 10.41 | 10.72 | 10.46 | 2.32 | ppb |
| Molybdenum | 95-1 | 6.44 | 6.57 | 6.55 | 6.52 | 1.03 | ppb |
| Molybdenum | 96-1 | 7.21 | 7.15 | 7.22 | 7.19 | 0.56 | ppb |
| Molybdenum | 97-1 | 6.55 | 6.54 | 6.70 | 6.59 | 1.34 | ppb |
| Molybdenum | 98-1 | 6.48 | 6.59 | 6.68 | 6.58 | 1.48 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 22.11 | 22.09 | 22.58 | 22.26 | 1.25 | ppb |
| Phosphorus | 31-2 | 931.40 | 910.93 | 933.56 | 925.30 | 1.35 | ppb |
| Potassium | 39-2 | 2201.34 | 2142.42 | 2170.93 | 2171.56 | 1.36 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 1.32 | 0.94 | 0.65 | 0.97 | 34.77 | ppb |
| Selenium | 77-2 | 3.77 | 3.96 | 6.11 | 4.61 | 28.24 | ppb |
| Selenium | 78-2 | 1.07 | 1.05 | 0.21 | 0.78 | 63.62 | ppb |
| Silicon | 28-1 | 202.99 | 210.54 | 203.65 | 205.73 | 2.03 | ppb |
| Silver | 107-1 | 1.50 | 1.55 | 1.55 | 1.53 | 1.93 | ppb |
| Silver | 109-1 | 1.52 | 1.53 | 1.52 | 1.52 | 0.33 | ppb |
| Sodium | 23-2 | 12057.27 | 12066.99 | 12038.73 | 12054.33 | 0.12 | ppb |
| Strontium | 86-1 | 5185.57 | 5172.59 | 5259.98 | 5206.05 | 0.91 | ppb |
| Strontium | 88-1 | 5292.03 | 5313.08 | 5297.95 | 5301.02 | 0.20 | ppb |
| Sulfur | 34-1 | 3862.60 | 3817.00 | 3824.31 | 3834.64 | 0.64 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.23 | 0.23 | 0.22 | 0.22 | 2.54 | ppb |
| Thallium | 205-1 | 0.22 | 0.23 | 0.23 | 0.23 | 1.75 | ppb |
| Tin | 118-1 | 37.95 | 38.47 | 38.12 | 38.18 | 0.70 | ppb |
| Titanium | 47-1 | 510.98 | 514.73 | 512.46 | 512.72 | 0.37 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06RE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:15:06 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.38 | 1.35 | 1.39 | 1.38 | 1.46 | ppb |
| Vanadium | 51-2 | 38.62 | 38.13 | 38.17 | 38.31 | 0.71 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 1758.73 | 1765.49 | 1754.75 | 1759.66 | 0.31 | ppb |
| Zirconium | 90-1 | 2.78 | 2.83 | 2.83 | 2.81 | 1.08 | ppb |
| Zirconium | 91-1 | 2.85 | 2.83 | 2.95 | 2.88 | 2.19 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:18:14 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 101.72 | 97.47 | 99.13 | 99.44 | 2.16 | ppb |
| Antimony | 121-1 | 0.26 | 0.23 | 0.23 | 0.24 | 6.94 | ppb |
| Arsenic | 75-2 | 0.68 | 0.61 | 0.59 | 0.63 | 7.55 | ppb |
| Barium | 135-1 | 1.02 | 1.11 | 1.03 | 1.05 | 4.68 | ppb |
| Barium | 137-1 | 1.06 | 1.08 | 1.06 | 1.07 | 0.75 | ppb |
| Beryllium | 9-1 | 0.03 | -0.01 | 0.01 | 0.01 | 177.63 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | 0.02 | 0.07 | 0.04 | 75.28 | ppb |
| Cadmium | 106-1 | 0.45 | 0.64 | -1.24 | -0.05 | | ppb |
| Cadmium | 111-1 | 0.01 | 0.02 | -0.02 | 0.01 | 393.13 | ppb |
| Calcium | 43-1 | 19394.47 | 19605.47 | 19681.18 | 19560.38 | 0.76 | ppb |
| Calcium | 44-1 | 19101.97 | 19439.00 | 19146.91 | 19229.30 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.66 | 0.63 | 0.64 | 0.64 | 2.52 | ppb |
| Cobalt | 59-2 | 0.23 | 0.23 | 0.23 | 0.23 | 0.77 | ppb |
| Copper | 63-2 | 5.50 | 5.52 | 5.58 | 5.53 | 0.75 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 201.55 | 201.46 | 199.67 | 200.90 | 0.53 | ppb |
| Iron | 57-2 | 292.67 | 295.32 | 297.23 | 295.07 | 0.78 | ppb |
| Iron | 54-2 | 203.60 | 202.67 | 203.35 | 203.20 | 0.24 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:18:14 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.31 | 0.28 | 0.23 | 0.27 | 15.50 | ppb |
| Lead | 207-1 | 0.33 | 0.27 | 0.23 | 0.28 | 17.51 | ppb |
| Lead | 208-1 | 0.32 | 0.28 | 0.24 | 0.28 | 14.45 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 4529.84 | 4554.94 | 4541.34 | 4542.04 | 0.28 | ppb |
| Manganese | 55-2 | 10.27 | 10.23 | 10.11 | 10.20 | 0.79 | ppb |
| Molybdenum | 94-1 | 1.08 | 1.02 | 1.10 | 1.07 | 3.96 | ppb |
| Molybdenum | 95-1 | 0.41 | 0.42 | 0.41 | 0.41 | 1.96 | ppb |
| Molybdenum | 96-1 | 0.48 | 0.51 | 0.49 | 0.50 | 3.01 | ppb |
| Molybdenum | 97-1 | 0.42 | 0.42 | 0.46 | 0.43 | 5.05 | ppb |
| Molybdenum | 98-1 | 0.43 | 0.45 | 0.45 | 0.44 | 1.48 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.96 | 1.76 | 1.74 | 1.82 | 6.85 | ppb |
| Phosphorus | 31-2 | 2.02 | 0.90 | 5.69 | 2.87 | 87.24 | ppb |
| Potassium | 39-2 | 563.52 | 555.70 | 553.56 | 557.59 | 0.94 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 1.51 | 1.20 | 1.41 | 1.37 | 11.36 | ppb |
| Selenium | 77-2 | 1.26 | 0.16 | 2.22 | 1.21 | 84.89 | ppb |
| Selenium | 78-2 | 0.72 | -0.12 | -0.30 | 0.10 | 547.22 | ppb |
| Silicon | 28-1 | 1774.50 | 1785.07 | 1790.06 | 1783.21 | 0.45 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 2.07 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 7.94 | ppb |
| Sodium | 23-2 | 9695.20 | 9507.53 | 9584.38 | 9595.70 | 0.98 | ppb |
| Strontium | 86-1 | 664.31 | 669.88 | 662.72 | 665.64 | 0.56 | ppb |
| Strontium | 88-1 | 664.02 | 658.33 | 666.52 | 662.95 | 0.63 | ppb |
| Sulfur | 34-1 | 4035.70 | 4014.30 | 4074.65 | 4041.55 | 0.76 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Thallium | 205-1 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.14 | 0.12 | 0.13 | 0.13 | 9.36 | ppb |
| Titanium | 47-1 | 2.56 | 2.57 | 3.76 | 2.96 | 23.28 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:18:14 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.10 | 0.09 | 0.09 | 0.09 | 3.47 | ppb |
| Vanadium | 51-2 | 1.39 | 1.36 | 1.37 | 1.37 | 1.24 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 1.56 | 1.54 | 1.47 | 1.52 | 3.04 | ppb |
| Zirconium | 90-1 | 0.65 | 0.39 | 0.40 | 0.48 | 30.66 | ppb |
| Zirconium | 91-1 | 0.42 | 0.43 | 0.40 | 0.41 | 3.76 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:21:46 | DataFile Name : | 084CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50303.06 | 51409.25 | 50219.14 | 50643.82 | 1.31 | ppb |
| Antimony | 121-1 | 492.94 | 501.18 | 497.16 | 497.09 | 0.83 | ppb |
| Arsenic | 75-2 | 492.71 | 494.40 | 495.28 | 494.13 | 0.26 | ppb |
| Barium | 135-1 | 2459.67 | 2565.61 | 2505.70 | 2510.33 | 2.12 | ppb |
| Barium | 137-1 | 2486.91 | 2563.11 | 2522.62 | 2524.21 | 1.51 | ppb |
| Beryllium | 9-1 | 482.77 | 485.91 | 487.17 | 485.29 | 0.47 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 484.70 | 499.90 | 488.53 | 491.04 | 1.61 | ppb |
| Cadmium | 106-1 | 488.34 | 498.74 | 490.52 | 492.54 | 1.11 | ppb |
| Cadmium | 111-1 | 467.58 | 484.03 | 469.74 | 473.78 | 1.89 | ppb |
| Calcium | 43-1 | 248119.53 | 257436.48 | 252879.87 | 252811.96 | 1.84 | ppb |
| Calcium | 44-1 | 244358.80 | 253947.89 | 251832.65 | 250046.45 | 2.01 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 500.63 | 501.10 | 503.30 | 501.67 | 0.28 | ppb |
| Cobalt | 59-2 | 500.53 | 497.66 | 498.06 | 498.75 | 0.31 | ppb |
| Copper | 63-2 | 4890.03 | 4869.05 | 4852.63 | 4870.57 | 0.38 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 87 | | % |
| Iron | 56-2 | 128231.63 | 129660.92 | 128334.17 | 128742.24 | 0.62 | ppb |
| Iron | 57-2 | 128712.22 | 129869.96 | 129632.53 | 129404.90 | 0.47 | ppb |
| Iron | 54-2 | 128522.54 | 129391.06 | 128585.07 | 128832.89 | 0.38 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:21:46 | DataFile Name : | 084CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2524.64 | 2628.26 | 2599.51 | 2584.14 | 2.07 | ppb |
| Lead | 207-1 | 2493.56 | 2566.05 | 2566.15 | 2541.92 | 1.65 | ppb |
| Lead | 208-1 | 2506.07 | 2594.80 | 2579.94 | 2560.27 | 1.86 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 249633.72 | 252789.62 | 247875.54 | 250099.63 | 1.00 | ppb |
| Manganese | 55-2 | 4927.02 | 4935.69 | 4928.20 | 4930.31 | 0.10 | ppb |
| Molybdenum | 94-1 | 4966.04 | 5137.44 | 5135.98 | 5079.82 | 1.94 | ppb |
| Molybdenum | 95-1 | 4986.26 | 5170.80 | 5136.12 | 5097.73 | 1.92 | ppb |
| Molybdenum | 96-1 | 4984.85 | 5190.60 | 5114.75 | 5096.73 | 2.04 | ppb |
| Molybdenum | 97-1 | 5019.07 | 5204.48 | 5134.26 | 5119.27 | 1.83 | ppb |
| Molybdenum | 98-1 | 5010.75 | 5141.84 | 5095.01 | 5082.53 | 1.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 475.31 | 476.66 | 470.63 | 474.20 | 0.67 | ppb |
| Phosphorus | 31-2 | 9966.02 | 9910.93 | 9811.17 | 9896.04 | 0.79 | ppb |
| Potassium | 39-2 | 124690.76 | 124850.72 | 123184.01 | 124241.83 | 0.74 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 84 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 84 | | % |
| Selenium | 82-1 | 478.96 | 488.90 | 486.05 | 484.63 | 1.06 | ppb |
| Selenium | 77-2 | 471.93 | 466.52 | 479.31 | 472.59 | 1.36 | ppb |
| Selenium | 78-2 | 478.52 | 491.46 | 478.72 | 482.90 | 1.53 | ppb |
| Silicon | 28-1 | 245.20 | 257.41 | 249.24 | 250.61 | 2.48 | ppb |
| Silver | 107-1 | 489.49 | 498.49 | 483.97 | 490.65 | 1.49 | ppb |
| Silver | 109-1 | 486.48 | 495.83 | 481.38 | 487.90 | 1.50 | ppb |
| Sodium | 23-2 | 251631.46 | 253119.36 | 248085.71 | 250945.51 | 1.03 | ppb |
| Strontium | 86-1 | 12695.89 | 12800.80 | 12822.36 | 12773.01 | 0.53 | ppb |
| Strontium | 88-1 | 12456.54 | 12816.34 | 12647.19 | 12640.02 | 1.42 | ppb |
| Sulfur | 34-1 | 9900.44 | 10400.97 | 9994.85 | 10098.75 | 2.63 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 508.85 | 521.77 | 528.04 | 519.55 | 1.88 | ppb |
| Thallium | 205-1 | 505.71 | 529.65 | 527.71 | 521.02 | 2.55 | ppb |
| Tin | 118-1 | 497.95 | 511.17 | 503.31 | 504.14 | 1.32 | ppb |
| Titanium | 47-1 | 4823.73 | 5009.21 | 4977.29 | 4936.74 | 2.01 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:21:46 | DataFile Name : | 084CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 498.97 | 517.52 | 512.26 | 509.58 | 1.88 | ppb |
| Vanadium | 51-2 | 509.26 | 513.65 | 515.93 | 512.94 | 0.66 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 4792.03 | 4768.52 | 4840.92 | 4800.49 | 0.77 | ppb |
| Zirconium | 90-1 | 494.67 | 506.01 | 509.80 | 503.49 | 1.56 | ppb |
| Zirconium | 91-1 | 496.52 | 518.82 | 506.17 | 507.17 | 2.21 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:24:33 | DataFile Name : | 085CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2.39 | 1.87 | 1.77 | 2.01 | 16.64 | ppb |
| Antimony | 121-1 | 0.31 | 0.25 | 0.22 | 0.26 | 18.68 | ppb |
| Arsenic | 75-2 | -0.01 | 0.02 | 0.01 | 0.01 | 286.88 | ppb |
| Barium | 135-1 | 0.46 | 0.25 | 0.13 | 0.28 | 58.16 | ppb |
| Barium | 137-1 | 0.46 | 0.25 | 0.15 | 0.29 | 55.31 | ppb |
| Beryllium | 9-1 | 0.14 | 0.12 | 0.07 | 0.11 | 29.43 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.08 | 0.08 | 0.00 | 0.05 | 81.31 | ppb |
| Cadmium | 106-1 | -0.17 | -0.95 | -0.88 | -0.67 | | ppb |
| Cadmium | 111-1 | 0.11 | 0.04 | 0.02 | 0.06 | 85.19 | ppb |
| Calcium | 43-1 | 56.34 | 30.41 | 18.59 | 35.12 | 54.98 | ppb |
| Calcium | 44-1 | 54.89 | 31.09 | 17.70 | 34.56 | 54.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.01 | 0.01 | -0.04 | 0.00 | | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |
| Copper | 63-2 | 0.26 | 0.18 | 0.19 | 0.21 | 20.03 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 4.35 | 3.44 | 2.54 | 3.44 | 26.32 | ppb |
| Iron | 57-2 | 2.89 | 2.04 | 0.78 | 1.90 | 55.75 | ppb |
| Iron | 54-2 | 3.96 | 2.62 | 2.78 | 3.12 | 23.38 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:24:33 | DataFile Name : | 085CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.49 | 0.29 | 0.16 | 0.31 | 53.85 | ppb |
| Lead | 207-1 | 0.46 | 0.27 | 0.16 | 0.30 | 50.45 | ppb |
| Lead | 208-1 | 0.48 | 0.28 | 0.17 | 0.31 | 50.46 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 5.29 | 4.15 | 3.22 | 4.22 | 24.52 | ppb |
| Manganese | 55-2 | 0.16 | 0.12 | 0.12 | 0.14 | 17.98 | ppb |
| Molybdenum | 94-1 | 1.14 | 0.71 | 0.47 | 0.77 | 43.87 | ppb |
| Molybdenum | 95-1 | 1.10 | 0.67 | 0.40 | 0.72 | 48.96 | ppb |
| Molybdenum | 96-1 | 1.05 | 0.65 | 0.41 | 0.70 | 45.83 | ppb |
| Molybdenum | 97-1 | 1.12 | 0.69 | 0.46 | 0.76 | 44.53 | ppb |
| Molybdenum | 98-1 | 1.06 | 0.63 | 0.42 | 0.70 | 46.33 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.00 | -0.01 | -0.02 | -0.01 | | ppb |
| Phosphorus | 31-2 | -15.88 | -16.97 | -16.71 | -16.52 | | ppb |
| Potassium | 39-2 | 9.89 | 7.72 | 7.88 | 8.50 | 14.25 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.30 | 0.12 | -0.35 | 0.03 | 1299.34 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -1.02 | -0.87 | -1.38 | -1.09 | | ppb |
| Silicon | 28-1 | -3.43 | -3.73 | -3.64 | -3.60 | | ppb |
| Silver | 107-1 | 0.13 | 0.08 | 0.05 | 0.09 | 43.24 | ppb |
| Silver | 109-1 | 0.12 | 0.09 | 0.05 | 0.09 | 41.53 | ppb |
| Sodium | 23-2 | 27.60 | 26.45 | 24.85 | 26.30 | 5.25 | ppb |
| Strontium | 86-1 | 2.45 | 1.58 | 0.92 | 1.65 | 46.31 | ppb |
| Strontium | 88-1 | 2.34 | 1.39 | 0.83 | 1.52 | 50.28 | ppb |
| Sulfur | 34-1 | -191.91 | -232.95 | -227.59 | -217.48 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.12 | 0.08 | 0.05 | 0.08 | 43.31 | ppb |
| Thallium | 205-1 | 0.13 | 0.08 | 0.05 | 0.09 | 43.19 | ppb |
| Tin | 118-1 | 0.15 | 0.11 | 0.06 | 0.11 | 41.46 | ppb |
| Titanium | 47-1 | 1.02 | 0.61 | 0.32 | 0.65 | 54.07 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:24:33 | DataFile Name : | 085CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.09 | 0.06 | 0.03 | 0.06 | 55.23 | ppb |
| Vanadium | 51-2 | 0.01 | 0.01 | 0.00 | 0.01 | 65.75 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 0.38 | 0.32 | 0.28 | 0.33 | 15.09 | ppb |
| Zirconium | 90-1 | 0.12 | 0.09 | 0.06 | 0.09 | 33.69 | ppb |
| Zirconium | 91-1 | 0.15 | 0.09 | 0.07 | 0.10 | 42.20 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:27:52 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 97.63 | 97.61 | 97.39 | 97.54 | 0.14 | ppb |
| Antimony | 121-1 | 0.23 | 0.24 | 0.23 | 0.24 | 2.25 | ppb |
| Arsenic | 75-2 | 0.58 | 0.55 | 0.53 | 0.55 | 4.96 | ppb |
| Barium | 135-1 | 0.93 | 0.94 | 0.98 | 0.95 | 2.33 | ppb |
| Barium | 137-1 | 0.95 | 0.98 | 0.99 | 0.97 | 2.07 | ppb |
| Beryllium | 9-1 | 0.03 | 0.01 | 0.02 | 0.02 | 45.45 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.10 | 0.02 | 0.02 | 0.05 | 110.34 | ppb |
| Cadmium | 106-1 | -0.07 | -1.28 | -1.66 | -1.00 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.01 | -0.02 | -0.01 | | ppb |
| Calcium | 43-1 | 18879.85 | 19788.43 | 19298.42 | 19322.23 | 2.35 | ppb |
| Calcium | 44-1 | 18482.16 | 19377.14 | 18934.38 | 18931.23 | 2.36 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.65 | 0.64 | 0.66 | 0.65 | 1.57 | ppb |
| Cobalt | 59-2 | 0.23 | 0.22 | 0.21 | 0.22 | 3.46 | ppb |
| Copper | 63-2 | 5.51 | 5.36 | 5.37 | 5.41 | 1.53 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 197.60 | 198.85 | 197.33 | 197.93 | 0.41 | ppb |
| Iron | 57-2 | 284.65 | 295.72 | 295.35 | 291.91 | 2.15 | ppb |
| Iron | 54-2 | 201.86 | 200.83 | 196.39 | 199.69 | 1.46 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:27:52 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.20 | 0.20 | 0.21 | 0.20 | 2.36 | ppb |
| Lead | 207-1 | 0.17 | 0.20 | 0.17 | 0.18 | 8.15 | ppb |
| Lead | 208-1 | 0.19 | 0.19 | 0.19 | 0.19 | 1.97 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 4690.67 | 4528.01 | 4685.82 | 4634.84 | 2.00 | ppb |
| Manganese | 55-2 | 8.41 | 8.27 | 8.32 | 8.34 | 0.84 | ppb |
| Molybdenum | 94-1 | 1.04 | 1.14 | 1.11 | 1.10 | 4.52 | ppb |
| Molybdenum | 95-1 | 0.45 | 0.43 | 0.45 | 0.44 | 3.69 | ppb |
| Molybdenum | 96-1 | 0.50 | 0.53 | 0.51 | 0.52 | 2.84 | ppb |
| Molybdenum | 97-1 | 0.43 | 0.47 | 0.50 | 0.47 | 7.74 | ppb |
| Molybdenum | 98-1 | 0.45 | 0.43 | 0.46 | 0.45 | 4.04 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.73 | 1.74 | 1.65 | 1.71 | 2.83 | ppb |
| Phosphorus | 31-2 | 5.15 | 3.50 | 0.42 | 3.02 | 79.40 | ppb |
| Potassium | 39-2 | 545.12 | 551.46 | 543.27 | 546.62 | 0.79 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 1.30 | 1.21 | 0.90 | 1.14 | 18.57 | ppb |
| Selenium | 77-2 | 1.49 | 0.66 | 1.67 | 1.27 | 42.11 | ppb |
| Selenium | 78-2 | 0.33 | 1.05 | 1.30 | 0.90 | 56.20 | ppb |
| Silicon | 28-1 | 1706.51 | 1797.51 | 1760.62 | 1754.88 | 2.61 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 13.92 | ppb |
| Silver | 109-1 | 0.02 | 0.01 | 0.01 | 0.01 | 20.47 | ppb |
| Sodium | 23-2 | 9607.27 | 9552.02 | 9479.14 | 9546.14 | 0.67 | ppb |
| Strontium | 86-1 | 639.44 | 658.49 | 667.34 | 655.09 | 2.18 | ppb |
| Strontium | 88-1 | 644.72 | 659.96 | 660.92 | 655.20 | 1.39 | ppb |
| Sulfur | 34-1 | 3519.86 | 3722.85 | 3468.73 | 3570.48 | 3.76 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.01 | 0.01 | 0.01 | 0.01 | 20.51 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.61 | ppb |
| Tin | 118-1 | 0.12 | 0.11 | 0.12 | 0.11 | 2.37 | ppb |
| Titanium | 47-1 | 2.28 | 2.21 | 2.28 | 2.26 | 1.61 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:27:52 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.09 | 0.10 | 0.09 | 0.09 | 5.25 | ppb |
| Vanadium | 51-2 | 1.39 | 1.30 | 1.31 | 1.33 | 3.76 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 1.23 | 1.24 | 1.26 | 1.24 | 1.15 | ppb |
| Zirconium | 90-1 | 0.41 | 0.41 | 0.43 | 0.41 | 2.68 | ppb |
| Zirconium | 91-1 | 0.43 | 0.43 | 0.42 | 0.43 | 0.70 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:31:08 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21.49 | 24.09 | 20.87 | 22.15 | 7.71 | ppb |
| Antimony | 121-1 | 0.07 | 0.06 | 0.06 | 0.07 | 7.63 | ppb |
| Arsenic | 75-2 | 0.16 | 0.17 | 0.15 | 0.16 | 7.90 | ppb |
| Barium | 135-1 | 0.25 | 0.21 | 0.18 | 0.21 | 16.64 | ppb |
| Barium | 137-1 | 0.19 | 0.19 | 0.21 | 0.20 | 4.41 | ppb |
| Beryllium | 9-1 | 0.03 | 0.00 | 0.00 | 0.01 | 129.95 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.02 | 0.02 | -0.03 | 0.00 | 885.10 | ppb |
| Cadmium | 106-1 | -0.71 | -1.41 | -0.95 | -1.02 | | ppb |
| Cadmium | 111-1 | -0.01 | -0.03 | -0.01 | -0.02 | | ppb |
| Calcium | 43-1 | 3903.00 | 3922.64 | 3990.53 | 3938.72 | 1.17 | ppb |
| Calcium | 44-1 | 3849.92 | 3868.00 | 3930.68 | 3882.87 | 1.09 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.03 | 0.04 | 0.04 | 0.04 | 7.13 | ppb |
| Cobalt | 59-2 | 0.04 | 0.02 | 0.03 | 0.03 | 27.62 | ppb |
| Copper | 63-2 | 1.59 | 1.63 | 1.59 | 1.60 | 1.51 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 42.55 | 42.80 | 42.69 | 42.68 | 0.30 | ppb |
| Iron | 57-2 | 59.87 | 59.39 | 62.58 | 60.61 | 2.84 | ppb |
| Iron | 54-2 | 44.20 | 42.93 | 41.85 | 42.99 | 2.74 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:31:08 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.08 | 0.09 | 0.07 | 0.08 | 12.73 | ppb |
| Lead | 207-1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.31 | ppb |
| Lead | 208-1 | 0.09 | 0.09 | 0.08 | 0.08 | 7.43 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 869.09 | 882.29 | 867.65 | 873.01 | 0.92 | ppb |
| Manganese | 55-2 | 2.08 | 2.12 | 2.13 | 2.11 | 1.20 | ppb |
| Molybdenum | 94-1 | 0.26 | 0.22 | 0.23 | 0.24 | 8.38 | ppb |
| Molybdenum | 95-1 | 0.08 | 0.09 | 0.08 | 0.08 | 3.50 | ppb |
| Molybdenum | 96-1 | 0.10 | 0.10 | 0.11 | 0.10 | 6.47 | ppb |
| Molybdenum | 97-1 | 0.08 | 0.08 | 0.09 | 0.08 | 6.19 | ppb |
| Molybdenum | 98-1 | 0.08 | 0.09 | 0.09 | 0.09 | 4.76 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.26 | 0.18 | 0.27 | 0.24 | 22.41 | ppb |
| Phosphorus | 31-2 | -15.34 | -12.83 | -14.55 | -14.24 | | ppb |
| Potassium | 39-2 | 107.87 | 110.53 | 105.35 | 107.92 | 2.40 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.31 | 0.32 | 0.12 | 0.25 | 44.79 | ppb |
| Selenium | 77-2 | 0.33 | 0.17 | 0.17 | 0.22 | 43.47 | ppb |
| Selenium | 78-2 | -0.96 | -1.23 | 0.00 | -0.73 | | ppb |
| Silicon | 28-1 | 353.55 | 354.77 | 364.67 | 357.66 | 1.71 | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.01 | 0.00 | 42.45 | ppb |
| Silver | 109-1 | 0.00 | 0.01 | 0.01 | 0.01 | 24.31 | ppb |
| Sodium | 23-2 | 1954.35 | 1943.64 | 1919.35 | 1939.11 | 0.92 | ppb |
| Strontium | 86-1 | 131.72 | 133.02 | 135.36 | 133.37 | 1.38 | ppb |
| Strontium | 88-1 | 131.63 | 134.40 | 134.59 | 133.54 | 1.24 | ppb |
| Sulfur | 34-1 | 113.38 | 121.66 | 192.01 | 142.35 | 30.35 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | 112.94 | ppb |
| Tin | 118-1 | 0.06 | 0.06 | 0.06 | 0.06 | 5.61 | ppb |
| Titanium | 47-1 | 0.71 | 0.85 | 0.65 | 0.74 | 13.36 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:31:08 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.02 | 0.02 | 0.02 | 6.29 | ppb |
| Vanadium | 51-2 | 0.25 | 0.26 | 0.28 | 0.26 | 6.24 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 0.64 | 0.62 | 0.60 | 0.62 | 2.93 | ppb |
| Zirconium | 90-1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.74 | ppb |
| Zirconium | 91-1 | 0.09 | 0.07 | 0.09 | 0.08 | 14.80 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:34:24 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1944.26 | 1931.88 | 1947.42 | 1941.19 | 0.42 | ppb |
| Antimony | 121-1 | 110.84 | 103.85 | 104.04 | 106.24 | 3.75 | ppb |
| Arsenic | 75-2 | 41.95 | 43.28 | 43.69 | 42.97 | 2.12 | ppb |
| Barium | 135-1 | 2224.90 | 2062.32 | 2102.54 | 2129.92 | 3.98 | ppb |
| Barium | 137-1 | 2238.27 | 2101.39 | 2093.91 | 2144.52 | 3.79 | ppb |
| Beryllium | 9-1 | 54.60 | 52.67 | 52.30 | 53.19 | 2.32 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 50.30 | 47.20 | 47.87 | 48.46 | 3.36 | ppb |
| Cadmium | 106-1 | 52.14 | 44.78 | 46.26 | 47.73 | 8.16 | ppb |
| Cadmium | 111-1 | 53.22 | 50.21 | 49.93 | 51.12 | 3.57 | ppb |
| Calcium | 43-1 | 20974.98 | 19666.91 | 19477.23 | 20039.71 | 4.07 | ppb |
| Calcium | 44-1 | 20330.72 | 19242.33 | 19073.11 | 19548.72 | 3.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 210.18 | 209.70 | 209.80 | 209.89 | 0.12 | ppb |
| Cobalt | 59-2 | 541.67 | 546.45 | 535.90 | 541.34 | 0.98 | ppb |
| Copper | 63-2 | 259.81 | 261.46 | 261.26 | 260.84 | 0.34 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 1297.52 | 1302.20 | 1294.64 | 1298.12 | 0.29 | ppb |
| Iron | 57-2 | 1402.89 | 1403.53 | 1411.66 | 1406.03 | 0.35 | ppb |
| Iron | 54-2 | 1458.54 | 1461.42 | 1456.22 | 1458.73 | 0.18 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:34:24 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 21.52 | 20.19 | 20.29 | 20.67 | 3.58 | ppb |
| Lead | 207-1 | 20.68 | 19.67 | 19.41 | 19.92 | 3.37 | ppb |
| Lead | 208-1 | 21.07 | 19.94 | 19.92 | 20.31 | 3.24 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 4487.00 | 4488.96 | 4564.80 | 4513.59 | 0.98 | ppb |
| Manganese | 55-2 | 531.24 | 528.61 | 536.23 | 532.03 | 0.73 | ppb |
| Molybdenum | 94-1 | 38.43 | 36.82 | 36.92 | 37.39 | 2.42 | ppb |
| Molybdenum | 95-1 | 45.73 | 43.64 | 44.08 | 44.48 | 2.48 | ppb |
| Molybdenum | 96-1 | 44.98 | 42.60 | 43.02 | 43.53 | 2.92 | ppb |
| Molybdenum | 97-1 | 45.77 | 43.99 | 43.75 | 44.51 | 2.48 | ppb |
| Molybdenum | 98-1 | 45.98 | 43.93 | 44.25 | 44.72 | 2.47 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 540.24 | 544.15 | 539.45 | 541.28 | 0.47 | ppb |
| Phosphorus | 31-2 | 2.36 | 2.31 | -0.41 | 1.42 | 111.51 | ppb |
| Potassium | 39-2 | 538.69 | 542.22 | 542.70 | 541.20 | 0.41 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 114.26 | 110.24 | 107.71 | 110.74 | 2.98 | ppb |
| Selenium | 77-2 | 109.24 | 108.66 | 103.37 | 107.09 | 3.02 | ppb |
| Selenium | 78-2 | 109.42 | 108.44 | 112.27 | 110.05 | 1.81 | ppb |
| Silicon | 28-1 | 1912.49 | 1756.93 | 1725.86 | 1798.43 | 5.56 | ppb |
| Silver | 107-1 | 56.27 | 52.89 | 52.91 | 54.02 | 3.60 | ppb |
| Silver | 109-1 | 55.41 | 52.47 | 52.38 | 53.42 | 3.23 | ppb |
| Sodium | 23-2 | 9324.93 | 9364.47 | 9397.39 | 9362.26 | 0.39 | ppb |
| Strontium | 86-1 | 691.21 | 659.83 | 658.60 | 669.88 | 2.76 | ppb |
| Strontium | 88-1 | 693.32 | 659.34 | 665.10 | 672.59 | 2.70 | ppb |
| Sulfur | 34-1 | 4022.06 | 3366.21 | 3251.12 | 3546.46 | 11.73 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 52.70 | 49.44 | 49.45 | 50.53 | 3.71 | ppb |
| Thallium | 205-1 | 52.57 | 50.08 | 49.23 | 50.63 | 3.43 | ppb |
| Tin | 118-1 | 0.25 | 0.23 | 0.23 | 0.24 | 5.88 | ppb |
| Titanium | 47-1 | 2.83 | 2.32 | 2.33 | 2.49 | 11.78 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:34:24 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.10 | 0.09 | 0.09 | 0.09 | 3.37 | ppb |
| Vanadium | 51-2 | 532.82 | 532.05 | 533.10 | 532.66 | 0.10 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 546.14 | 547.03 | 544.69 | 545.96 | 0.22 | ppb |
| Zirconium | 90-1 | 0.45 | 0.41 | 0.40 | 0.42 | 6.19 | ppb |
| Zirconium | 91-1 | 0.47 | 0.45 | 0.43 | 0.45 | 4.83 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:37:32 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 31.23 | 29.31 | 30.96 | 30.50 | 3.41 | ppb |
| Antimony | 121-1 | 0.06 | 0.04 | 0.03 | 0.04 | 25.85 | ppb |
| Arsenic | 75-2 | 0.02 | 0.02 | 0.01 | 0.02 | 32.70 | ppb |
| Barium | 135-1 | 1.17 | 0.94 | 0.70 | 0.93 | 25.21 | ppb |
| Barium | 137-1 | 1.13 | 0.91 | 0.77 | 0.94 | 19.36 | ppb |
| Beryllium | 9-1 | 0.03 | 0.01 | 0.01 | 0.02 | 70.18 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.05 | 0.00 | -0.03 | 0.01 | 511.32 | ppb |
| Cadmium | 106-1 | -0.69 | -1.34 | -0.83 | -0.96 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.02 | 0.00 | -0.01 | | ppb |
| Calcium | 43-1 | 131.15 | 118.41 | 121.86 | 123.81 | 5.32 | ppb |
| Calcium | 44-1 | 132.14 | 127.91 | 127.78 | 129.28 | 1.92 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.37 | 0.37 | 0.39 | 0.38 | 3.56 | ppb |
| Cobalt | 59-2 | 0.05 | 0.05 | 0.04 | 0.05 | 11.60 | ppb |
| Copper | 63-2 | 0.21 | 0.17 | 0.20 | 0.20 | 10.49 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 54.67 | 53.99 | 55.72 | 54.79 | 1.60 | ppb |
| Iron | 57-2 | 53.82 | 52.25 | 54.57 | 53.55 | 2.21 | ppb |
| Iron | 54-2 | 55.42 | 54.46 | 53.78 | 54.55 | 1.51 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:37:32 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.20 | 0.20 | 0.19 | 0.20 | 2.81 | ppb |
| Lead | 207-1 | 0.17 | 0.18 | 0.17 | 0.18 | 3.37 | ppb |
| Lead | 208-1 | 0.19 | 0.19 | 0.18 | 0.19 | 2.00 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 26.34 | 26.32 | 26.58 | 26.41 | 0.54 | ppb |
| Manganese | 55-2 | 2.37 | 2.42 | 2.41 | 2.40 | 1.02 | ppb |
| Molybdenum | 94-1 | 0.06 | 0.07 | 0.06 | 0.06 | 11.87 | ppb |
| Molybdenum | 95-1 | 0.03 | 0.00 | 0.01 | 0.01 | 130.50 | ppb |
| Molybdenum | 96-1 | 0.02 | 0.03 | 0.03 | 0.03 | 15.69 | ppb |
| Molybdenum | 97-1 | 0.02 | 0.03 | 0.00 | 0.02 | 79.41 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.02 | 0.02 | 8.96 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.07 | 0.08 | 0.10 | 0.08 | 20.10 | ppb |
| Phosphorus | 31-2 | 28.28 | 24.51 | 23.36 | 25.38 | 10.14 | ppb |
| Potassium | 39-2 | 16.70 | 15.88 | 17.11 | 16.56 | 3.80 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | -0.07 | 0.39 | -0.11 | 0.07 | 414.63 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.17 | 0.06 | 173.21 | ppb |
| Selenium | 78-2 | 0.50 | -0.74 | -0.17 | -0.13 | | ppb |
| Silicon | 28-1 | 7.47 | 6.57 | 6.85 | 6.96 | 6.60 | ppb |
| Silver | 107-1 | 0.03 | 0.03 | 0.02 | 0.03 | 21.89 | ppb |
| Silver | 109-1 | 0.03 | 0.03 | 0.02 | 0.03 | 19.59 | ppb |
| Sodium | 23-2 | 144.26 | 141.71 | 143.15 | 143.04 | 0.89 | ppb |
| Strontium | 86-1 | 8.58 | 8.88 | 9.04 | 8.83 | 2.65 | ppb |
| Strontium | 88-1 | 9.09 | 8.86 | 9.04 | 9.00 | 1.33 | ppb |
| Sulfur | 34-1 | -853.55 | -793.77 | -733.66 | -793.66 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.01 | 0.00 | 0.00 | 0.00 | 207.00 | ppb |
| Thallium | 205-1 | 0.01 | 0.01 | 0.00 | 0.01 | 117.30 | ppb |
| Tin | 118-1 | 0.14 | 0.14 | 0.15 | 0.14 | 3.88 | ppb |
| Titanium | 47-1 | 0.57 | 0.58 | 0.54 | 0.57 | 3.75 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:37:32 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 4.82 | ppb |
| Vanadium | 51-2 | 0.11 | 0.11 | 0.08 | 0.10 | 15.24 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 2.69 | 2.66 | 2.78 | 2.71 | 2.29 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.01 | 0.02 | 40.37 | ppb |
| Zirconium | 91-1 | 0.04 | 0.04 | 0.02 | 0.03 | 32.95 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:40:50 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 32.81 | 31.85 | 33.35 | 32.67 | 2.32 | ppb |
| Antimony | 121-1 | 0.21 | 0.20 | 0.21 | 0.21 | 2.83 | ppb |
| Arsenic | 75-2 | 0.02 | 0.02 | 0.03 | 0.02 | 13.57 | ppb |
| Barium | 135-1 | 0.51 | 0.49 | 0.56 | 0.52 | 6.91 | ppb |
| Barium | 137-1 | 0.56 | 0.52 | 0.54 | 0.54 | 3.63 | ppb |
| Beryllium | 9-1 | -0.01 | -0.01 | 0.00 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.03 | -0.01 | 0.02 | -0.01 | | ppb |
| Cadmium | 106-1 | -0.63 | -0.79 | -1.31 | -0.91 | | ppb |
| Cadmium | 111-1 | -0.01 | -0.01 | -0.03 | -0.02 | | ppb |
| Calcium | 43-1 | 125.98 | 124.68 | 124.51 | 125.06 | 0.64 | ppb |
| Calcium | 44-1 | 127.33 | 129.60 | 129.30 | 128.74 | 0.96 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.43 | 0.44 | 0.45 | 0.44 | 2.95 | ppb |
| Cobalt | 59-2 | 0.02 | 0.02 | 0.01 | 0.02 | 11.16 | ppb |
| Copper | 63-2 | 0.14 | 0.17 | 0.18 | 0.16 | 11.52 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 56.52 | 56.69 | 57.08 | 56.76 | 0.50 | ppb |
| Iron | 57-2 | 57.66 | 58.28 | 56.51 | 57.48 | 1.56 | ppb |
| Iron | 54-2 | 58.69 | 57.59 | 55.39 | 57.23 | 2.94 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:40:50 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.19 | 0.19 | 0.18 | 0.19 | 2.97 | ppb |
| Lead | 207-1 | 0.18 | 0.17 | 0.17 | 0.17 | 1.27 | ppb |
| Lead | 208-1 | 0.18 | 0.18 | 0.18 | 0.18 | 0.70 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 26.01 | 27.40 | 27.64 | 27.02 | 3.26 | ppb |
| Manganese | 55-2 | 2.00 | 1.99 | 2.01 | 2.00 | 0.54 | ppb |
| Molybdenum | 94-1 | 0.08 | 0.08 | 0.05 | 0.07 | 21.70 | ppb |
| Molybdenum | 95-1 | 0.00 | 0.01 | -0.01 | 0.00 | | ppb |
| Molybdenum | 96-1 | 0.01 | 0.02 | 0.01 | 0.01 | 44.99 | ppb |
| Molybdenum | 97-1 | 0.01 | 0.00 | 0.00 | 0.00 | 498.32 | ppb |
| Molybdenum | 98-1 | 0.00 | 0.01 | 0.02 | 0.01 | 86.29 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.05 | 0.04 | 0.05 | 0.05 | 11.49 | ppb |
| Phosphorus | 31-2 | 25.21 | 29.24 | 28.09 | 27.52 | 7.55 | ppb |
| Potassium | 39-2 | 15.29 | 17.25 | 16.89 | 16.48 | 6.32 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.05 | 0.38 | -0.12 | 0.10 | 249.29 | ppb |
| Selenium | 77-2 | 0.00 | 0.17 | 0.00 | 0.06 | 173.21 | ppb |
| Selenium | 78-2 | 0.22 | -1.78 | -0.43 | -0.66 | | ppb |
| Silicon | 28-1 | 7.02 | 7.63 | 7.97 | 7.54 | 6.40 | ppb |
| Silver | 107-1 | 0.01 | 0.00 | 0.01 | 0.01 | 34.37 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 14.11 | ppb |
| Sodium | 23-2 | 143.92 | 143.17 | 146.34 | 144.48 | 1.15 | ppb |
| Strontium | 86-1 | 9.24 | 8.74 | 8.64 | 8.87 | 3.62 | ppb |
| Strontium | 88-1 | 9.21 | 9.25 | 8.98 | 9.15 | 1.62 | ppb |
| Sulfur | 34-1 | -639.36 | -588.47 | -606.80 | -611.54 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.14 | 0.16 | 0.15 | 0.15 | 7.50 | ppb |
| Titanium | 47-1 | 0.68 | 0.97 | 0.68 | 0.77 | 21.85 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:40:50 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 21.80 | ppb |
| Vanadium | 51-2 | 0.08 | 0.08 | 0.08 | 0.08 | 4.32 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 2.75 | 2.85 | 2.79 | 2.80 | 1.91 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.03 | 0.02 | 28.73 | ppb |
| Zirconium | 91-1 | 0.03 | 0.03 | 0.04 | 0.03 | 20.33 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:44:12 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8.62 | 6.58 | 6.48 | 7.23 | 16.71 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 21.59 | ppb |
| Arsenic | 75-2 | 0.22 | -0.01 | -0.02 | 0.06 | 211.17 | ppb |
| Barium | 135-1 | 0.10 | 0.09 | 0.10 | 0.10 | 7.27 | ppb |
| Barium | 137-1 | 0.10 | 0.11 | 0.12 | 0.11 | 7.16 | ppb |
| Beryllium | 9-1 | -0.01 | -0.03 | -0.01 | -0.02 | | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.01 | 0.06 | 0.02 | 0.02 | 163.72 | ppb |
| Cadmium | 106-1 | -0.82 | -0.36 | -0.60 | -0.59 | | ppb |
| Cadmium | 111-1 | -0.02 | -0.01 | -0.02 | -0.01 | | ppb |
| Calcium | 43-1 | 27.40 | 32.42 | 27.02 | 28.95 | 10.41 | ppb |
| Calcium | 44-1 | 25.61 | 28.43 | 26.66 | 26.90 | 5.30 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.07 | 0.10 | 0.10 | 0.09 | 17.14 | ppb |
| Cobalt | 59-2 | 0.01 | 0.00 | 0.00 | 0.00 | 168.27 | ppb |
| Copper | 63-2 | 14.74 | 14.71 | 14.37 | 14.61 | 1.43 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 36.80 | 35.19 | 34.72 | 35.57 | 3.07 | ppb |
| Iron | 57-2 | 37.60 | 35.57 | 34.10 | 35.76 | 4.92 | ppb |
| Iron | 54-2 | 38.78 | 34.59 | 35.85 | 36.41 | 5.89 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:44:12 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.04 | 0.03 | 0.03 | 0.03 | 15.96 | ppb |
| Lead | 207-1 | 0.03 | 0.04 | 0.03 | 0.03 | 9.45 | ppb |
| Lead | 208-1 | 0.04 | 0.04 | 0.03 | 0.04 | 8.38 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 8.64 | 5.39 | 5.46 | 6.50 | 28.61 | ppb |
| Manganese | 55-2 | 0.67 | 0.62 | 0.61 | 0.63 | 5.74 | ppb |
| Molybdenum | 94-1 | 0.00 | 0.01 | 0.01 | 0.01 | 53.99 | ppb |
| Molybdenum | 95-1 | -0.01 | 0.00 | -0.01 | -0.01 | | ppb |
| Molybdenum | 96-1 | 0.00 | 0.01 | 0.00 | 0.00 | 266.22 | ppb |
| Molybdenum | 97-1 | 0.00 | -0.01 | 0.00 | -0.01 | | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.00 | 0.00 | 61.69 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.17 | 8.35 | 8.36 | 8.29 | 1.32 | ppb |
| Phosphorus | 31-2 | -6.47 | -8.87 | -4.08 | -6.47 | | ppb |
| Potassium | 39-2 | 4.06 | 0.59 | 1.75 | 2.13 | 83.06 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.53 | -0.15 | 0.20 | 0.19 | 177.96 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | 0.20 | 0.40 | -1.67 | -0.36 | | ppb |
| Silicon | 28-1 | -1.26 | -0.34 | -1.02 | -0.87 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 58.38 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 7.12 | ppb |
| Sodium | 23-2 | 38.15 | 31.32 | 32.11 | 33.86 | 11.04 | ppb |
| Strontium | 86-1 | 1.89 | 1.56 | 1.96 | 1.80 | 11.67 | ppb |
| Strontium | 88-1 | 1.88 | 1.81 | 1.82 | 1.84 | 1.90 | ppb |
| Sulfur | 34-1 | -524.07 | -420.42 | -425.79 | -456.76 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | -0.01 | -0.01 | -0.02 | -0.01 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.04 | 0.03 | 0.04 | 0.04 | 22.37 | ppb |
| Titanium | 47-1 | 0.14 | 0.14 | 0.14 | 0.14 | 2.87 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:44:12 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 52.92 | ppb |
| Vanadium | 51-2 | 0.03 | 0.01 | 0.02 | 0.02 | 53.92 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 0.83 | 0.64 | 0.64 | 0.70 | 15.78 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 113.26 | ppb |
| Zirconium | 91-1 | 0.01 | 0.01 | 0.00 | 0.01 | 50.14 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:47:32 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1846.30 | 1852.75 | 1872.78 | 1857.27 | 0.74 | ppb |
| Antimony | 121-1 | 101.55 | 103.20 | 103.16 | 102.64 | 0.92 | ppb |
| Arsenic | 75-2 | 42.61 | 42.00 | 42.93 | 42.51 | 1.10 | ppb |
| Barium | 135-1 | 2051.57 | 2088.57 | 2042.58 | 2060.91 | 1.18 | ppb |
| Barium | 137-1 | 2050.15 | 2105.64 | 2081.78 | 2079.19 | 1.34 | ppb |
| Beryllium | 9-1 | 49.91 | 50.80 | 50.91 | 50.54 | 1.08 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 48.44 | 50.02 | 48.88 | 49.11 | 1.66 | ppb |
| Cadmium | 106-1 | 46.00 | 47.13 | 46.41 | 46.51 | 1.23 | ppb |
| Cadmium | 111-1 | 49.64 | 50.27 | 50.79 | 50.23 | 1.14 | ppb |
| Calcium | 43-1 | 139.30 | 144.21 | 143.50 | 142.33 | 1.86 | ppb |
| Calcium | 44-1 | 136.32 | 136.49 | 138.17 | 136.99 | 0.75 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 206.34 | 206.34 | 208.69 | 207.12 | 0.66 | ppb |
| Cobalt | 59-2 | 532.80 | 536.95 | 539.36 | 536.37 | 0.62 | ppb |
| Copper | 63-2 | 250.55 | 251.99 | 253.60 | 252.04 | 0.61 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 1136.42 | 1120.33 | 1163.75 | 1140.17 | 1.93 | ppb |
| Iron | 57-2 | 1129.71 | 1136.29 | 1157.91 | 1141.30 | 1.29 | ppb |
| Iron | 54-2 | 1290.02 | 1301.35 | 1311.34 | 1300.91 | 0.82 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:47:32 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19.93 | 20.00 | 19.70 | 19.88 | 0.78 | ppb |
| Lead | 207-1 | 19.13 | 19.80 | 19.22 | 19.38 | 1.89 | ppb |
| Lead | 208-1 | 19.56 | 19.83 | 19.42 | 19.60 | 1.06 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 26.83 | 25.62 | 27.09 | 26.52 | 2.96 | ppb |
| Manganese | 55-2 | 515.63 | 502.19 | 522.75 | 513.52 | 2.03 | ppb |
| Molybdenum | 94-1 | 0.48 | 0.49 | 0.50 | 0.49 | 1.68 | ppb |
| Molybdenum | 95-1 | 0.55 | 0.56 | 0.53 | 0.55 | 3.17 | ppb |
| Molybdenum | 96-1 | 0.48 | 0.52 | 0.54 | 0.51 | 5.43 | ppb |
| Molybdenum | 97-1 | 0.56 | 0.53 | 0.53 | 0.54 | 3.40 | ppb |
| Molybdenum | 98-1 | 0.54 | 0.57 | 0.54 | 0.55 | 2.76 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 531.86 | 532.14 | 534.95 | 532.98 | 0.32 | ppb |
| Phosphorus | 31-2 | 27.24 | 23.07 | 27.57 | 25.96 | 9.65 | ppb |
| Potassium | 39-2 | 20.10 | 19.34 | 20.71 | 20.05 | 3.44 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 107.44 | 106.95 | 109.04 | 107.81 | 1.01 | ppb |
| Selenium | 77-2 | 110.40 | 111.71 | 107.35 | 109.82 | 2.04 | ppb |
| Selenium | 78-2 | 111.56 | 109.34 | 106.13 | 109.01 | 2.50 | ppb |
| Silicon | 28-1 | 6.81 | 7.49 | 8.66 | 7.65 | 12.21 | ppb |
| Silver | 107-1 | 52.21 | 53.63 | 53.25 | 53.03 | 1.39 | ppb |
| Silver | 109-1 | 52.20 | 52.99 | 52.52 | 52.57 | 0.75 | ppb |
| Sodium | 23-2 | 143.45 | 146.03 | 147.47 | 145.65 | 1.40 | ppb |
| Strontium | 86-1 | 8.89 | 9.43 | 9.24 | 9.19 | 3.00 | ppb |
| Strontium | 88-1 | 9.69 | 9.41 | 9.66 | 9.59 | 1.62 | ppb |
| Sulfur | 34-1 | -533.00 | -523.38 | -538.75 | -531.71 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 48.26 | 49.15 | 47.23 | 48.22 | 1.99 | ppb |
| Thallium | 205-1 | 48.06 | 49.20 | 47.89 | 48.39 | 1.47 | ppb |
| Tin | 118-1 | 0.30 | 0.30 | 0.27 | 0.29 | 5.23 | ppb |
| Titanium | 47-1 | 0.67 | 0.61 | 0.73 | 0.67 | 8.40 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:47:32 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 18.96 | ppb |
| Vanadium | 51-2 | 517.13 | 522.29 | 529.95 | 523.12 | 1.23 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 531.05 | 530.35 | 540.42 | 533.94 | 1.05 | ppb |
| Zirconium | 90-1 | 0.05 | 0.05 | 0.03 | 0.04 | 33.72 | ppb |
| Zirconium | 91-1 | 0.06 | 0.06 | 0.06 | 0.06 | 4.41 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5254-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:50:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.02 | 3.15 | 3.39 | 3.19 | 5.90 | ppb |
| Antimony | 121-1 | 0.04 | 0.04 | 0.03 | 0.04 | 15.87 | ppb |
| Arsenic | 75-2 | -0.01 | -0.01 | 0.01 | 0.00 | | ppb |
| Barium | 135-1 | 0.65 | 0.49 | 0.37 | 0.51 | 28.05 | ppb |
| Barium | 137-1 | 0.68 | 0.56 | 0.36 | 0.53 | 29.86 | ppb |
| Beryllium | 9-1 | 0.00 | 0.03 | 0.02 | 0.02 | 70.79 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.01 | 0.05 | -0.01 | 0.01 | 434.58 | ppb |
| Cadmium | 106-1 | -0.25 | -0.83 | -0.73 | -0.60 | | ppb |
| Cadmium | 111-1 | 0.02 | -0.01 | 0.00 | 0.00 | 2745.33 | ppb |
| Calcium | 43-1 | 15.65 | 17.81 | 17.09 | 16.85 | 6.52 | ppb |
| Calcium | 44-1 | 17.40 | 17.30 | 17.49 | 17.40 | 0.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.21 | 0.13 | 0.20 | 0.18 | 22.39 | ppb |
| Cobalt | 59-2 | 0.04 | 0.02 | 0.02 | 0.03 | 36.86 | ppb |
| Copper | 63-2 | 0.10 | 0.07 | 0.09 | 0.09 | 16.26 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 7.15 | 6.93 | 6.95 | 7.01 | 1.75 | ppb |
| Iron | 57-2 | 6.79 | 5.26 | 5.77 | 5.94 | 13.15 | ppb |
| Iron | 54-2 | 7.70 | 5.93 | 8.32 | 7.31 | 16.94 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5254-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:50:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.07 | 0.09 | 0.09 | 0.08 | 9.57 | ppb |
| Lead | 207-1 | 0.08 | 0.08 | 0.08 | 0.08 | 4.75 | ppb |
| Lead | 208-1 | 0.08 | 0.09 | 0.08 | 0.08 | 3.40 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 3.20 | 3.09 | 2.55 | 2.95 | 11.86 | ppb |
| Manganese | 55-2 | 1.09 | 1.06 | 1.04 | 1.06 | 2.37 | ppb |
| Molybdenum | 94-1 | 0.01 | -0.01 | 0.01 | 0.00 | 632.83 | ppb |
| Molybdenum | 95-1 | -0.01 | 0.00 | 0.01 | 0.00 | 907.20 | ppb |
| Molybdenum | 96-1 | 0.00 | 0.01 | 0.01 | 0.00 | 143.01 | ppb |
| Molybdenum | 97-1 | 0.01 | 0.00 | 0.00 | 0.00 | 219.65 | ppb |
| Molybdenum | 98-1 | 0.01 | 0.00 | 0.00 | 0.01 | 58.97 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.17 | 0.14 | 0.17 | 0.16 | 11.43 | ppb |
| Phosphorus | 31-2 | -17.54 | -14.49 | -14.90 | -15.64 | | ppb |
| Potassium | 39-2 | 0.75 | -0.32 | 2.08 | 0.83 | 144.37 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 0.52 | 0.13 | 0.13 | 0.26 | 87.30 | ppb |
| Selenium | 77-2 | 0.32 | 0.00 | 0.00 | 0.11 | 173.21 | ppb |
| Selenium | 78-2 | -0.20 | -0.34 | 0.33 | -0.07 | | ppb |
| Silicon | 28-1 | -2.49 | -1.98 | -1.88 | -2.12 | | ppb |
| Silver | 107-1 | 0.03 | 0.03 | 0.02 | 0.03 | 30.36 | ppb |
| Silver | 109-1 | 0.03 | 0.03 | 0.02 | 0.03 | 16.94 | ppb |
| Sodium | 23-2 | 26.98 | 26.11 | 27.42 | 26.84 | 2.48 | ppb |
| Strontium | 86-1 | 0.51 | 0.41 | 0.37 | 0.43 | 17.16 | ppb |
| Strontium | 88-1 | 0.76 | 0.72 | 0.73 | 0.74 | 2.46 | ppb |
| Sulfur | 34-1 | -569.65 | -487.05 | -434.14 | -496.95 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.01 | 0.00 | 0.00 | 0.00 | 174.56 | ppb |
| Thallium | 205-1 | 0.01 | 0.01 | 0.00 | 0.01 | 97.46 | ppb |
| Tin | 118-1 | 0.15 | 0.69 | 0.15 | 0.33 | 94.92 | ppb |
| Titanium | 47-1 | 0.04 | 0.08 | 0.04 | 0.05 | 44.99 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5254-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:50:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 115.14 | ppb |
| Vanadium | 51-2 | 0.04 | 0.04 | 0.01 | 0.03 | 49.39 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 1.17 | 1.10 | 1.34 | 1.21 | 10.37 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Zirconium | 91-1 | 0.01 | 0.00 | 0.01 | 0.00 | 129.68 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:54:04 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.42 | 3.33 | 3.22 | 3.32 | 3.04 | ppb |
| Antimony | 121-1 | 0.03 | 0.03 | 0.03 | 0.03 | 10.48 | ppb |
| Arsenic | 75-2 | 0.43 | 0.41 | 0.40 | 0.42 | 4.00 | ppb |
| Barium | 135-1 | 0.39 | 0.46 | 0.45 | 0.43 | 9.03 | ppb |
| Barium | 137-1 | 0.49 | 0.48 | 0.46 | 0.48 | 2.60 | ppb |
| Beryllium | 9-1 | -0.02 | 0.02 | 0.02 | 0.01 | 337.82 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.00 | -0.04 | 0.06 | 0.00 | 1036.65 | ppb |
| Cadmium | 106-1 | -0.59 | -1.40 | -1.91 | -1.30 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.03 | -0.04 | -0.02 | | ppb |
| Calcium | 43-1 | 57.68 | 63.45 | 64.84 | 61.99 | 6.12 | ppb |
| Calcium | 44-1 | 63.44 | 64.43 | 65.76 | 64.54 | 1.80 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.17 | 0.18 | 0.18 | 0.18 | 1.45 | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.58 | 0.55 | 0.61 | 0.58 | 5.07 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 8.06 | 7.73 | 7.81 | 7.87 | 2.22 | ppb |
| Iron | 57-2 | 6.37 | 6.80 | 7.17 | 6.78 | 5.96 | ppb |
| Iron | 54-2 | 8.00 | 7.77 | 7.66 | 7.81 | 2.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:54:04 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.16 | 0.17 | 0.19 | 0.17 | 8.48 | ppb |
| Lead | 207-1 | 0.14 | 0.17 | 0.19 | 0.17 | 12.25 | ppb |
| Lead | 208-1 | 0.15 | 0.18 | 0.19 | 0.17 | 9.79 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 10.08 | 10.96 | 10.76 | 10.60 | 4.34 | ppb |
| Manganese | 55-2 | 0.57 | 0.58 | 0.61 | 0.58 | 3.56 | ppb |
| Molybdenum | 94-1 | 0.07 | 0.12 | 0.06 | 0.08 | 33.44 | ppb |
| Molybdenum | 95-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Molybdenum | 96-1 | 0.02 | 0.01 | 0.01 | 0.01 | 29.85 | ppb |
| Molybdenum | 97-1 | 0.01 | -0.01 | 0.01 | 0.00 | 2378.17 | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.01 | 0.00 | 180.68 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.06 | 0.06 | 0.09 | 0.07 | 28.46 | ppb |
| Phosphorus | 31-2 | -15.53 | -16.35 | -10.55 | -14.14 | | ppb |
| Potassium | 39-2 | 3.12 | 3.33 | 2.78 | 3.08 | 8.94 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 0.56 | 0.09 | 0.41 | 0.35 | 68.15 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.32 | 0.11 | 173.21 | ppb |
| Selenium | 78-2 | -1.03 | -1.04 | -0.62 | -0.90 | | ppb |
| Silicon | 28-1 | -2.21 | -2.09 | -1.79 | -2.03 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.02 | 0.02 | 14.28 | ppb |
| Silver | 109-1 | 0.01 | 0.02 | 0.01 | 0.01 | 18.31 | ppb |
| Sodium | 23-2 | 148.90 | 150.90 | 150.93 | 150.24 | 0.78 | ppb |
| Strontium | 86-1 | 2.05 | 2.27 | 2.22 | 2.18 | 5.39 | ppb |
| Strontium | 88-1 | 2.73 | 2.74 | 2.81 | 2.76 | 1.67 | ppb |
| Sulfur | 34-1 | 1076874.09 | 1067138.93 | 1090166.83 | 1078059.95 | 1.07 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.02 | 0.06 | 0.08 | 0.05 | 65.16 | ppb |
| Thallium | 205-1 | 0.02 | 0.06 | 0.08 | 0.05 | 55.45 | ppb |
| Tin | 118-1 | 7.01 | 7.15 | 7.15 | 7.11 | 1.14 | ppb |
| Titanium | 47-1 | 0.26 | 0.22 | 0.23 | 0.24 | 8.88 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:54:04 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 63.53 | ppb |
| Vanadium | 51-2 | 0.29 | 0.31 | 0.32 | 0.31 | 5.50 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 0.98 | 0.82 | 0.94 | 0.91 | 9.27 | ppb |
| Zirconium | 90-1 | 0.04 | 0.04 | 0.04 | 0.04 | 3.40 | ppb |
| Zirconium | 91-1 | 0.06 | 0.05 | 0.05 | 0.05 | 14.02 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNC00 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:57:24 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 72.34 | 70.67 | 71.40 | 71.47 | 1.17 | ppb |
| Antimony | 121-1 | 0.41 | 0.45 | 0.44 | 0.44 | 4.65 | ppb |
| Arsenic | 75-2 | 0.34 | 0.33 | 0.26 | 0.31 | 12.96 | ppb |
| Barium | 135-1 | 30.83 | 32.93 | 32.37 | 32.04 | 3.39 | ppb |
| Barium | 137-1 | 31.18 | 33.25 | 32.94 | 32.46 | 3.44 | ppb |
| Beryllium | 9-1 | 0.01 | -0.01 | -0.01 | 0.00 | | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.04 | 0.11 | 0.13 | 0.09 | 52.18 | ppb |
| Cadmium | 106-1 | -0.77 | 0.10 | -1.87 | -0.85 | | ppb |
| Cadmium | 111-1 | 0.09 | 0.09 | 0.03 | 0.07 | 48.11 | ppb |
| Calcium | 43-1 | 50916.19 | 52648.86 | 52593.93 | 52053.00 | 1.89 | ppb |
| Calcium | 44-1 | 50138.50 | 53417.25 | 52821.08 | 52125.61 | 3.35 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6.66 | 6.71 | 6.67 | 6.68 | 0.45 | ppb |
| Cobalt | 59-2 | 0.24 | 0.24 | 0.26 | 0.25 | 3.77 | ppb |
| Copper | 63-2 | 5.27 | 5.37 | 5.17 | 5.27 | 1.92 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 194.47 | 192.55 | 190.84 | 192.62 | 0.94 | ppb |
| Iron | 57-2 | 451.60 | 454.70 | 447.69 | 451.33 | 0.78 | ppb |
| Iron | 54-2 | 195.15 | 198.95 | 196.96 | 197.02 | 0.97 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNC00 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:57:24 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3.06 | 3.30 | 3.26 | 3.21 | 4.10 | ppb |
| Lead | 207-1 | 2.94 | 3.16 | 3.24 | 3.11 | 4.88 | ppb |
| Lead | 208-1 | 3.00 | 3.21 | 3.21 | 3.14 | 3.88 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 11669.14 | 11505.57 | 11498.03 | 11557.58 | 0.84 | ppb |
| Manganese | 55-2 | 16.33 | 16.29 | 15.84 | 16.15 | 1.68 | ppb |
| Molybdenum | 94-1 | 0.93 | 0.99 | 0.95 | 0.96 | 3.11 | ppb |
| Molybdenum | 95-1 | 0.65 | 0.64 | 0.62 | 0.64 | 1.93 | ppb |
| Molybdenum | 96-1 | 0.68 | 0.68 | 0.72 | 0.69 | 3.16 | ppb |
| Molybdenum | 97-1 | 0.68 | 0.67 | 0.64 | 0.67 | 3.14 | ppb |
| Molybdenum | 98-1 | 0.63 | 0.67 | 0.70 | 0.67 | 5.04 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.13 | 8.08 | 8.08 | 8.10 | 0.32 | ppb |
| Phosphorus | 31-2 | 13.98 | 13.34 | 10.57 | 12.63 | 14.34 | ppb |
| Potassium | 39-2 | 3510.61 | 3488.60 | 3432.68 | 3477.30 | 1.16 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.84 | 0.72 | 0.67 | 0.74 | 11.83 | ppb |
| Selenium | 77-2 | 0.81 | 0.33 | 0.64 | 0.59 | 41.67 | ppb |
| Selenium | 78-2 | -1.21 | 0.07 | 0.40 | -0.25 | | ppb |
| Silicon | 28-1 | 2468.10 | 2602.39 | 2618.68 | 2563.06 | 3.22 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 9.83 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 6.15 | ppb |
| Sodium | 23-2 | 4013.94 | 4052.07 | 4017.55 | 4027.86 | 0.52 | ppb |
| Strontium | 86-1 | 4082.87 | 4329.16 | 4335.43 | 4249.15 | 3.39 | ppb |
| Strontium | 88-1 | 4183.30 | 4346.10 | 4481.91 | 4337.10 | 3.45 | ppb |
| Sulfur | 34-1 | 2497.17 | 2772.43 | 2618.36 | 2629.32 | 5.25 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.02 | 0.01 | 0.02 | 0.02 | 16.65 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 19.24 | ppb |
| Tin | 118-1 | 0.15 | 0.17 | 0.18 | 0.17 | 9.15 | ppb |
| Titanium | 47-1 | 2.31 | 2.22 | 2.37 | 2.30 | 3.21 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNC00 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:57:24 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.22 | 0.24 | 0.24 | 0.24 | 4.28 | ppb |
| Vanadium | 51-2 | 0.77 | 0.77 | 0.77 | 0.77 | 0.28 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 9.06 | 9.57 | 9.25 | 9.29 | 2.76 | ppb |
| Zirconium | 90-1 | 0.21 | 0.23 | 0.22 | 0.22 | 4.70 | ppb |
| Zirconium | 91-1 | 0.21 | 0.23 | 0.24 | 0.22 | 7.96 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.00 | 3.15 | 3.01 | 3.05 | 2.70 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 2.89 | ppb |
| Arsenic | 75-2 | 0.01 | 0.00 | 0.02 | 0.01 | 91.72 | ppb |
| Barium | 135-1 | 0.03 | 0.05 | 0.04 | 0.04 | 14.25 | ppb |
| Barium | 137-1 | 0.06 | 0.04 | 0.04 | 0.05 | 18.22 | ppb |
| Beryllium | 9-1 | -0.01 | 0.00 | 0.02 | 0.00 | 1460.31 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.02 | 0.00 | 0.03 | 0.02 | 91.49 | ppb |
| Cadmium | 106-1 | -0.97 | -1.11 | -1.60 | -1.22 | | ppb |
| Cadmium | 111-1 | -0.01 | -0.02 | -0.03 | -0.02 | | ppb |
| Calcium | 43-1 | 19.07 | 20.59 | 20.50 | 20.05 | 4.26 | ppb |
| Calcium | 44-1 | 20.69 | 21.17 | 20.13 | 20.67 | 2.50 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.18 | 0.22 | 0.15 | 0.18 | 20.04 | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.24 | 0.27 | 0.26 | 0.26 | 5.93 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 5.66 | 5.72 | 5.78 | 5.72 | 1.06 | ppb |
| Iron | 57-2 | 4.50 | 4.87 | 3.48 | 4.28 | 16.79 | ppb |
| Iron | 54-2 | 5.48 | 6.16 | 5.60 | 5.74 | 6.34 | ppb |
| Krypton | 83-1 | | | | | | cps |



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Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.10 | 0.10 | 0.10 | 0.10 | 2.04 | ppb |
| Lead | 207-1 | 0.08 | 0.10 | 0.10 | 0.09 | 10.19 | ppb |
| Lead | 208-1 | 0.09 | 0.10 | 0.09 | 0.10 | 2.13 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 2.28 | 2.31 | 2.09 | 2.22 | 5.44 | ppb |
| Manganese | 55-2 | 0.68 | 0.72 | 0.70 | 0.70 | 3.40 | ppb |
| Molybdenum | 94-1 | 0.00 | 0.00 | 0.01 | 0.00 | 275.96 | ppb |
| Molybdenum | 95-1 | -0.01 | 0.00 | -0.02 | -0.01 | | ppb |
| Molybdenum | 96-1 | 0.00 | 0.00 | 0.01 | 0.00 | 175.74 | ppb |
| Molybdenum | 97-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Molybdenum | 98-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.08 | 0.09 | 0.08 | 0.08 | 6.27 | ppb |
| Phosphorus | 31-2 | -11.36 | -12.75 | -15.71 | -13.28 | | ppb |
| Potassium | 39-2 | 1.44 | -1.20 | -0.40 | -0.05 | | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | -0.18 | 0.34 | -0.12 | 0.01 | 2381.38 | ppb |
| Selenium | 77-2 | 0.17 | 0.00 | 0.00 | 0.06 | 173.21 | ppb |
| Selenium | 78-2 | 0.08 | -0.38 | -1.29 | -0.53 | | ppb |
| Silicon | 28-1 | -2.07 | -1.69 | -1.46 | -1.74 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 91.98 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 15.92 | ppb |
| Sodium | 23-2 | 25.18 | 24.44 | 25.01 | 24.88 | 1.55 | ppb |
| Strontium | 86-1 | 1.33 | 1.23 | 1.34 | 1.30 | 4.46 | ppb |
| Strontium | 88-1 | 1.21 | 1.25 | 1.26 | 1.24 | 2.31 | ppb |
| Sulfur | 34-1 | -659.30 | -580.79 | -593.55 | -611.21 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.10 | 0.11 | 0.09 | 0.10 | 7.83 | ppb |
| Titanium | 47-1 | 0.04 | 0.03 | 0.01 | 0.03 | 65.47 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 87.88 | ppb |
| Vanadium | 51-2 | 0.00 | 0.01 | 0.00 | 0.00 | 182.72 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 0.91 | 0.95 | 0.85 | 0.90 | 6.07 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Zirconium | 91-1 | 0.01 | 0.00 | 0.01 | 0.01 | 37.21 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLE3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:04:01 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5.86 | 6.50 | 6.76 | 6.37 | 7.22 | ppb |
| Antimony | 121-1 | 0.17 | 0.16 | 0.15 | 0.16 | 5.13 | ppb |
| Arsenic | 75-2 | 0.24 | 0.14 | 0.16 | 0.18 | 28.21 | ppb |
| Barium | 135-1 | 0.32 | 0.32 | 0.35 | 0.33 | 5.69 | ppb |
| Barium | 137-1 | 0.33 | 0.35 | 0.36 | 0.35 | 4.52 | ppb |
| Beryllium | 9-1 | -0.01 | -0.01 | -0.02 | -0.02 | | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | 0.06 | 0.00 | 0.03 | 95.54 | ppb |
| Cadmium | 106-1 | -1.06 | -0.24 | -1.22 | -0.84 | | ppb |
| Cadmium | 111-1 | -0.02 | -0.01 | -0.02 | -0.01 | | ppb |
| Calcium | 43-1 | 3539.09 | 3565.40 | 3564.52 | 3556.33 | 0.42 | ppb |
| Calcium | 44-1 | 3468.58 | 3513.41 | 3465.09 | 3482.36 | 0.77 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.08 | 0.09 | 0.05 | 0.08 | 26.65 | ppb |
| Cobalt | 59-2 | 0.04 | 0.04 | 0.03 | 0.04 | 12.07 | ppb |
| Copper | 63-2 | 0.56 | 0.57 | 0.57 | 0.57 | 0.73 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 18.98 | 19.03 | 18.91 | 18.97 | 0.32 | ppb |
| Iron | 57-2 | 32.01 | 34.43 | 34.15 | 33.53 | 3.95 | ppb |
| Iron | 54-2 | 18.70 | 17.71 | 18.78 | 18.39 | 3.25 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLE3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:04:01 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.32 | 0.32 | 0.32 | 0.32 | 0.98 | ppb |
| Lead | 207-1 | 0.29 | 0.30 | 0.31 | 0.30 | 3.49 | ppb |
| Lead | 208-1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.11 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 10519.10 | 10539.59 | 10550.95 | 10536.55 | 0.15 | ppb |
| Manganese | 55-2 | 0.92 | 0.94 | 0.94 | 0.94 | 1.25 | ppb |
| Molybdenum | 94-1 | 0.07 | 0.09 | 0.08 | 0.08 | 11.47 | ppb |
| Molybdenum | 95-1 | 0.08 | 0.10 | 0.11 | 0.09 | 17.81 | ppb |
| Molybdenum | 96-1 | 0.11 | 0.12 | 0.09 | 0.11 | 14.92 | ppb |
| Molybdenum | 97-1 | 0.09 | 0.12 | 0.09 | 0.10 | 16.60 | ppb |
| Molybdenum | 98-1 | 0.12 | 0.12 | 0.10 | 0.11 | 5.97 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.72 | 0.73 | 0.68 | 0.71 | 3.27 | ppb |
| Phosphorus | 31-2 | -8.70 | -11.33 | -14.10 | -11.38 | | ppb |
| Potassium | 39-2 | 3330.88 | 3331.08 | 3364.17 | 3342.04 | 0.57 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 0.90 | 0.36 | 0.18 | 0.48 | 78.53 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.33 | 0.11 | 173.21 | ppb |
| Selenium | 78-2 | 0.19 | -0.32 | -0.70 | -0.28 | | ppb |
| Silicon | 28-1 | 0.70 | 1.19 | 1.66 | 1.18 | 40.50 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 6.91 | ppb |
| Silver | 109-1 | 0.00 | 0.01 | 0.00 | 0.00 | 30.20 | ppb |
| Sodium | 23-2 | 89664.74 | 89381.99 | 89151.81 | 89399.51 | 0.29 | ppb |
| Strontium | 86-1 | 1539.39 | 1576.22 | 1529.41 | 1548.34 | 1.59 | ppb |
| Strontium | 88-1 | 1610.90 | 1619.74 | 1614.14 | 1614.93 | 0.28 | ppb |
| Sulfur | 34-1 | 7736.75 | 7755.87 | 7793.92 | 7762.18 | 0.37 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.11 | 0.11 | 0.10 | 0.10 | 6.20 | ppb |
| Titanium | 47-1 | 0.26 | 0.28 | 0.28 | 0.27 | 4.23 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLE3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:04:01 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.03 | 0.02 | 0.03 | 0.03 | 6.45 | ppb |
| Vanadium | 51-2 | 0.05 | 0.06 | 0.04 | 0.05 | 20.01 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 1.68 | 1.71 | 1.60 | 1.66 | 3.52 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Zirconium | 91-1 | 0.00 | 0.01 | 0.02 | 0.01 | 134.09 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLF9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:07:17 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8.19 | 8.72 | 8.08 | 8.33 | 4.09 | ppb |
| Antimony | 121-1 | 0.10 | 0.11 | 0.11 | 0.10 | 7.02 | ppb |
| Arsenic | 75-2 | 0.10 | 0.10 | 0.08 | 0.09 | 16.09 | ppb |
| Barium | 135-1 | 0.15 | 0.16 | 0.14 | 0.15 | 7.77 | ppb |
| Barium | 137-1 | 0.17 | 0.15 | 0.17 | 0.16 | 5.71 | ppb |
| Beryllium | 9-1 | -0.01 | 0.00 | -0.01 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.01 | -0.01 | 0.05 | 0.01 | 478.28 | ppb |
| Cadmium | 106-1 | 0.14 | -0.75 | -0.80 | -0.47 | | ppb |
| Cadmium | 111-1 | 0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Calcium | 43-1 | 3608.31 | 3596.32 | 3638.45 | 3614.36 | 0.60 | ppb |
| Calcium | 44-1 | 3512.30 | 3538.76 | 3531.60 | 3527.56 | 0.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.10 | 0.16 | 0.16 | 0.14 | 24.87 | ppb |
| Cobalt | 59-2 | 0.03 | 0.03 | 0.02 | 0.03 | 34.32 | ppb |
| Copper | 63-2 | 0.15 | 0.14 | 0.18 | 0.16 | 13.02 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 6.60 | 6.65 | 6.65 | 6.64 | 0.45 | ppb |
| Iron | 57-2 | 23.31 | 24.90 | 22.45 | 23.55 | 5.29 | ppb |
| Iron | 54-2 | 5.56 | 5.84 | 6.06 | 5.82 | 4.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLF9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:07:17 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.08 | 0.08 | 0.08 | 0.08 | 3.80 | ppb |
| Lead | 207-1 | 0.09 | 0.07 | 0.07 | 0.08 | 15.24 | ppb |
| Lead | 208-1 | 0.08 | 0.08 | 0.08 | 0.08 | 1.42 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 10815.77 | 10638.34 | 10611.41 | 10688.51 | 1.04 | ppb |
| Manganese | 55-2 | 2.68 | 2.73 | 2.53 | 2.65 | 3.89 | ppb |
| Molybdenum | 94-1 | 0.08 | 0.10 | 0.11 | 0.10 | 12.75 | ppb |
| Molybdenum | 95-1 | 0.09 | 0.09 | 0.09 | 0.09 | 0.47 | ppb |
| Molybdenum | 96-1 | 0.11 | 0.12 | 0.11 | 0.11 | 3.18 | ppb |
| Molybdenum | 97-1 | 0.11 | 0.11 | 0.12 | 0.11 | 4.72 | ppb |
| Molybdenum | 98-1 | 0.11 | 0.12 | 0.10 | 0.11 | 8.91 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.50 | 0.56 | 0.54 | 0.53 | 5.32 | ppb |
| Phosphorus | 31-2 | -9.48 | -8.98 | -12.43 | -10.30 | | ppb |
| Potassium | 39-2 | 3354.74 | 3311.31 | 3337.42 | 3334.49 | 0.66 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 0.46 | 0.74 | 0.64 | 0.61 | 22.79 | ppb |
| Selenium | 77-2 | 0.16 | 0.16 | 0.00 | 0.11 | 86.60 | ppb |
| Selenium | 78-2 | -0.28 | -0.80 | -0.61 | -0.56 | | ppb |
| Silicon | 28-1 | 0.78 | 2.02 | 1.46 | 1.42 | 43.80 | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 42.58 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.01 | 0.00 | 33.79 | ppb |
| Sodium | 23-2 | 91574.59 | 89888.22 | 89969.98 | 90477.60 | 1.05 | ppb |
| Strontium | 86-1 | 1569.16 | 1609.12 | 1594.66 | 1590.98 | 1.27 | ppb |
| Strontium | 88-1 | 1613.46 | 1626.34 | 1635.67 | 1625.16 | 0.69 | ppb |
| Sulfur | 34-1 | 7946.30 | 8303.10 | 8154.31 | 8134.57 | 2.20 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.06 | 0.05 | 0.06 | 0.06 | 4.78 | ppb |
| Titanium | 47-1 | 0.14 | 0.19 | 0.16 | 0.16 | 15.82 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLF9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:07:17 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.02 | 0.02 | 0.03 | 0.02 | 3.30 | ppb |
| Vanadium | 51-2 | 0.04 | 0.06 | 0.05 | 0.05 | 19.96 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 0.63 | 0.77 | 0.68 | 0.69 | 10.32 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Zirconium | 91-1 | 0.00 | 0.00 | 0.00 | 0.00 | 412.97 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:10:36 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.64 | 3.00 | 3.28 | 3.30 | 9.76 | ppb |
| Antimony | 121-1 | 0.08 | 0.08 | 0.08 | 0.08 | 4.02 | ppb |
| Arsenic | 75-2 | 0.04 | 0.05 | 0.02 | 0.04 | 35.64 | ppb |
| Barium | 135-1 | 0.04 | 0.04 | 0.03 | 0.04 | 17.88 | ppb |
| Barium | 137-1 | 0.05 | 0.04 | 0.04 | 0.04 | 14.58 | ppb |
| Beryllium | 9-1 | 0.00 | -0.02 | -0.01 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.01 | -0.04 | -0.03 | -0.02 | | ppb |
| Cadmium | 106-1 | -0.44 | 0.00 | -1.42 | -0.62 | | ppb |
| Cadmium | 111-1 | -0.01 | 0.00 | -0.03 | -0.01 | | ppb |
| Calcium | 43-1 | 538.62 | 575.86 | 580.59 | 565.02 | 4.07 | ppb |
| Calcium | 44-1 | 548.40 | 575.79 | 588.22 | 570.80 | 3.57 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.06 | 0.09 | 0.09 | 0.08 | 23.29 | ppb |
| Cobalt | 59-2 | 0.02 | 0.03 | 0.02 | 0.02 | 5.51 | ppb |
| Copper | 63-2 | 0.14 | 0.11 | 0.14 | 0.13 | 13.74 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 4.65 | 4.61 | 4.66 | 4.64 | 0.53 | ppb |
| Iron | 57-2 | 4.62 | 7.58 | 6.50 | 6.23 | 24.07 | ppb |
| Iron | 54-2 | 4.46 | 5.19 | 4.18 | 4.61 | 11.31 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:10:36 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.08 | 0.09 | 0.09 | 0.09 | 7.94 | ppb |
| Lead | 207-1 | 0.08 | 0.07 | 0.08 | 0.08 | 7.72 | ppb |
| Lead | 208-1 | 0.08 | 0.09 | 0.09 | 0.09 | 8.62 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 1613.31 | 1605.80 | 1606.62 | 1608.58 | 0.26 | ppb |
| Manganese | 55-2 | 0.43 | 0.46 | 0.43 | 0.44 | 3.41 | ppb |
| Molybdenum | 94-1 | 0.00 | 0.03 | 0.01 | 0.01 | 100.23 | ppb |
| Molybdenum | 95-1 | 0.02 | 0.02 | 0.01 | 0.02 | 16.71 | ppb |
| Molybdenum | 96-1 | 0.01 | 0.02 | 0.02 | 0.02 | 23.82 | ppb |
| Molybdenum | 97-1 | 0.01 | 0.02 | 0.02 | 0.02 | 31.02 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.02 | 0.02 | 15.49 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.42 | 0.47 | 0.49 | 0.46 | 7.82 | ppb |
| Phosphorus | 31-2 | -12.66 | -11.60 | -15.89 | -13.38 | | ppb |
| Potassium | 39-2 | 550.46 | 547.79 | 546.01 | 548.09 | 0.41 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 0.36 | 0.18 | 0.09 | 0.21 | 66.62 | ppb |
| Selenium | 77-2 | 0.16 | 0.00 | 0.00 | 0.05 | 173.21 | ppb |
| Selenium | 78-2 | 0.38 | -1.16 | -1.09 | -0.63 | | ppb |
| Silicon | 28-1 | -2.66 | -1.68 | -1.32 | -1.89 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 57.05 | ppb |
| Sodium | 23-2 | 14467.86 | 14462.34 | 14392.29 | 14440.83 | 0.29 | ppb |
| Strontium | 86-1 | 236.37 | 253.29 | 247.42 | 245.69 | 3.50 | ppb |
| Strontium | 88-1 | 234.35 | 249.65 | 247.53 | 243.85 | 3.40 | ppb |
| Sulfur | 34-1 | 991.84 | 1260.07 | 1343.37 | 1198.43 | 15.33 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | -0.01 | -0.01 | -0.02 | -0.01 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.06 | 0.05 | 0.05 | 0.05 | 13.10 | ppb |
| Titanium | 47-1 | 0.16 | 0.15 | 0.14 | 0.15 | 7.13 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:10:36 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.01 | 0.00 | 9.51 | ppb |
| Vanadium | 51-2 | 0.04 | 0.03 | 0.03 | 0.04 | 24.27 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 0.51 | 0.57 | 0.48 | 0.52 | 9.31 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |
| Zirconium | 91-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:13:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5.45 | 5.77 | 5.82 | 5.68 | 3.54 | ppb |
| Antimony | 121-1 | 0.02 | 0.01 | 0.02 | 0.02 | 19.46 | ppb |
| Arsenic | 75-2 | -0.02 | -0.01 | 0.01 | -0.01 | | ppb |
| Barium | 135-1 | 0.04 | 0.02 | 0.02 | 0.03 | 45.48 | ppb |
| Barium | 137-1 | 0.03 | 0.03 | 0.03 | 0.03 | 7.18 | ppb |
| Beryllium | 9-1 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.00 | 0.00 | -0.04 | -0.01 | | ppb |
| Cadmium | 106-1 | -0.22 | -0.30 | -0.96 | -0.49 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.01 | -0.02 | -0.01 | | ppb |
| Calcium | 43-1 | 26.91 | 25.13 | 23.91 | 25.32 | 5.96 | ppb |
| Calcium | 44-1 | 25.82 | 26.29 | 26.33 | 26.15 | 1.09 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.07 | 0.09 | 0.09 | 0.08 | 16.54 | ppb |
| Cobalt | 59-2 | 0.00 | -0.01 | 0.00 | -0.01 | | ppb |
| Copper | 63-2 | 0.13 | 0.11 | 0.14 | 0.13 | 10.05 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 2.63 | 2.84 | 2.71 | 2.72 | 3.94 | ppb |
| Iron | 57-2 | 1.86 | 3.62 | 1.34 | 2.27 | 52.60 | ppb |
| Iron | 54-2 | 2.04 | 2.65 | 1.96 | 2.21 | 17.11 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:13:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.07 | 0.06 | 0.07 | 0.07 | 7.55 | ppb |
| Lead | 207-1 | 0.07 | 0.06 | 0.06 | 0.06 | 5.49 | ppb |
| Lead | 208-1 | 0.07 | 0.07 | 0.07 | 0.07 | 4.07 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 14.15 | 14.86 | 14.57 | 14.53 | 2.46 | ppb |
| Manganese | 55-2 | 0.89 | 0.91 | 0.90 | 0.90 | 1.21 | ppb |
| Molybdenum | 94-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Molybdenum | 95-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Molybdenum | 96-1 | 0.00 | 0.00 | 0.00 | 0.00 | 2386.65 | ppb |
| Molybdenum | 97-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.11 | 0.07 | 0.15 | 0.11 | 34.42 | ppb |
| Phosphorus | 31-2 | -15.84 | -10.61 | -12.38 | -12.94 | | ppb |
| Potassium | 39-2 | 19.70 | 20.25 | 20.15 | 20.04 | 1.48 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.53 | 0.45 | 0.10 | 0.36 | 62.53 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.16 | 0.05 | 173.21 | ppb |
| Selenium | 78-2 | -0.17 | -1.41 | 0.18 | -0.46 | | ppb |
| Silicon | 28-1 | -2.40 | -2.12 | -2.07 | -2.19 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 15.57 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 93.23 | ppb |
| Sodium | 23-2 | 97.23 | 98.00 | 97.47 | 97.56 | 0.40 | ppb |
| Strontium | 86-1 | 1.75 | 2.12 | 1.47 | 1.78 | 18.36 | ppb |
| Strontium | 88-1 | 2.11 | 2.16 | 2.20 | 2.16 | 1.99 | ppb |
| Sulfur | 34-1 | 21.87 | 3.44 | 1.74 | 9.02 | 123.81 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | -0.01 | -0.02 | -0.01 | -0.01 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.09 | 0.06 | 0.07 | 0.07 | 21.09 | ppb |
| Titanium | 47-1 | 0.07 | 0.05 | 0.04 | 0.05 | 28.98 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:13:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 244.68 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.01 | 0.00 | 17.34 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 0.81 | 0.82 | 0.87 | 0.83 | 3.95 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 802.50 | ppb |
| Zirconium | 91-1 | -0.01 | 0.00 | -0.01 | -0.01 | | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:17:17 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10468.58 | 10351.38 | 10452.00 | 10423.99 | 0.61 | ppb |
| Antimony | 121-1 | 298.83 | 322.48 | 321.71 | 314.34 | 4.28 | ppb |
| Arsenic | 75-2 | 770.22 | 766.32 | 756.63 | 764.39 | 0.92 | ppb |
| Barium | 135-1 | 234.39 | 251.24 | 254.36 | 246.66 | 4.36 | ppb |
| Barium | 137-1 | 235.81 | 254.54 | 256.88 | 249.08 | 4.64 | ppb |
| Beryllium | 9-1 | 0.28 | 0.33 | 0.30 | 0.30 | 9.14 | ppb |
| Bismuth | 209-1 | | | | 116 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.71 | 3.06 | 3.01 | 2.92 | 6.54 | ppb |
| Cadmium | 106-1 | 2.46 | 2.45 | 2.84 | 2.58 | 8.54 | ppb |
| Cadmium | 111-1 | 1.53 | 1.69 | 1.77 | 1.66 | 7.22 | ppb |
| Calcium | 43-1 | 9232.28 | 9930.44 | 10126.34 | 9763.02 | 4.81 | ppb |
| Calcium | 44-1 | 8928.31 | 9689.10 | 9869.28 | 9495.56 | 5.26 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30.36 | 30.26 | 30.34 | 30.32 | 0.17 | ppb |
| Cobalt | 59-2 | 52.59 | 52.33 | 53.36 | 52.76 | 1.01 | ppb |
| Copper | 63-2 | 288.57 | 291.75 | 289.93 | 290.08 | 0.55 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 113 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 109 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 49067.12 | 49297.34 | 49326.68 | 49230.38 | 0.29 | ppb |
| Iron | 57-2 | 48487.20 | 48352.55 | 48958.41 | 48599.38 | 0.65 | ppb |
| Iron | 54-2 | 49822.98 | 49275.48 | 49780.05 | 49626.17 | 0.61 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:17:17 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 685.43 | 742.32 | 740.94 | 722.90 | 4.49 | ppb |
| Lead | 207-1 | 683.19 | 724.91 | 735.32 | 714.47 | 3.86 | ppb |
| Lead | 208-1 | 681.04 | 726.43 | 737.66 | 715.05 | 4.19 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 7634.60 | 7569.73 | 7599.34 | 7601.22 | 0.43 | ppb |
| Manganese | 55-2 | 1754.42 | 1755.22 | 1762.61 | 1757.42 | 0.26 | ppb |
| Molybdenum | 94-1 | 13.94 | 15.14 | 15.22 | 14.77 | 4.88 | ppb |
| Molybdenum | 95-1 | 10.41 | 11.10 | 11.30 | 10.94 | 4.27 | ppb |
| Molybdenum | 96-1 | 11.20 | 11.93 | 12.15 | 11.76 | 4.20 | ppb |
| Molybdenum | 97-1 | 10.57 | 11.54 | 11.33 | 11.15 | 4.60 | ppb |
| Molybdenum | 98-1 | 10.57 | 11.35 | 11.35 | 11.09 | 4.06 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 47.66 | 47.99 | 47.75 | 47.80 | 0.36 | ppb |
| Phosphorus | 31-2 | 1027.52 | 1026.91 | 1051.85 | 1035.43 | 1.37 | ppb |
| Potassium | 39-2 | 2682.29 | 2650.35 | 2668.64 | 2667.09 | 0.60 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.91 | 0.94 | 0.86 | 0.90 | 4.17 | ppb |
| Selenium | 77-2 | 4.00 | 3.05 | 4.21 | 3.75 | 16.41 | ppb |
| Selenium | 78-2 | 0.67 | 1.63 | -0.41 | 0.63 | 160.86 | ppb |
| Silicon | 28-1 | 624.76 | 678.80 | 688.29 | 663.95 | 5.16 | ppb |
| Silver | 107-1 | 0.90 | 0.95 | 0.96 | 0.94 | 3.32 | ppb |
| Silver | 109-1 | 0.91 | 0.94 | 0.96 | 0.94 | 2.89 | ppb |
| Sodium | 23-2 | 7178.79 | 7158.19 | 7132.78 | 7156.59 | 0.32 | ppb |
| Strontium | 86-1 | 2147.72 | 2320.22 | 2314.72 | 2260.89 | 4.34 | ppb |
| Strontium | 88-1 | 2195.02 | 2374.90 | 2374.62 | 2314.85 | 4.48 | ppb |
| Sulfur | 34-1 | 719.03 | 1021.42 | 1094.66 | 945.04 | 21.07 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.30 | 0.33 | 0.36 | 0.33 | 8.20 | ppb |
| Thallium | 205-1 | 0.32 | 0.34 | 0.36 | 0.34 | 6.21 | ppb |
| Tin | 118-1 | 48.53 | 52.43 | 52.75 | 51.23 | 4.59 | ppb |
| Titanium | 47-1 | 339.34 | 365.22 | 372.96 | 359.17 | 4.90 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:17:17 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.79 | 0.80 | 0.84 | 0.81 | 3.66 | ppb |
| Vanadium | 51-2 | 43.78 | 43.28 | 43.76 | 43.61 | 0.65 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 3567.31 | 3521.61 | 3591.44 | 3560.12 | 1.00 | ppb |
| Zirconium | 90-1 | 2.95 | 3.20 | 3.20 | 3.12 | 4.58 | ppb |
| Zirconium | 91-1 | 3.19 | 3.33 | 3.34 | 3.29 | 2.61 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5487.90 | 5472.27 | 5410.39 | 5456.85 | 0.75 | ppb |
| Antimony | 121-1 | 43.37 | 44.16 | 44.09 | 43.87 | 1.00 | ppb |
| Arsenic | 75-2 | 183.26 | 182.46 | 182.32 | 182.68 | 0.28 | ppb |
| Barium | 135-1 | 80.43 | 83.30 | 81.40 | 81.71 | 1.79 | ppb |
| Barium | 137-1 | 82.61 | 84.00 | 83.12 | 83.24 | 0.84 | ppb |
| Beryllium | 9-1 | 0.16 | 0.20 | 0.23 | 0.20 | 17.04 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.55 | 1.69 | 1.56 | 1.60 | 4.71 | ppb |
| Cadmium | 106-1 | 1.43 | 0.97 | 0.63 | 1.01 | 39.81 | ppb |
| Cadmium | 111-1 | 1.23 | 1.27 | 1.19 | 1.23 | 2.93 | ppb |
| Calcium | 43-1 | 69564.14 | 71626.74 | 70550.24 | 70580.38 | 1.46 | ppb |
| Calcium | 44-1 | 69098.30 | 70748.41 | 70735.26 | 70193.99 | 1.35 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 17.98 | 18.14 | 17.84 | 17.99 | 0.84 | ppb |
| Cobalt | 59-2 | 29.67 | 29.95 | 29.81 | 29.81 | 0.47 | ppb |
| Copper | 63-2 | 366.63 | 370.01 | 366.70 | 367.78 | 0.52 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 24009.72 | 23906.09 | 23888.08 | 23934.63 | 0.27 | ppb |
| Iron | 57-2 | 24513.50 | 24257.95 | 23986.42 | 24252.63 | 1.09 | ppb |
| Iron | 54-2 | 24200.38 | 23986.82 | 24003.84 | 24063.68 | 0.49 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 318.08 | 313.86 | 316.14 | 316.03 | 0.67 | ppb |
| Lead | 207-1 | 312.90 | 311.83 | 312.10 | 312.28 | 0.18 | ppb |
| Lead | 208-1 | 313.34 | 310.79 | 311.91 | 312.01 | 0.41 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 4238.58 | 4256.70 | 4219.38 | 4238.22 | 0.44 | ppb |
| Manganese | 55-2 | 247.57 | 247.34 | 246.21 | 247.04 | 0.29 | ppb |
| Molybdenum | 94-1 | 5.18 | 5.22 | 5.26 | 5.22 | 0.71 | ppb |
| Molybdenum | 95-1 | 3.26 | 3.27 | 3.32 | 3.29 | 0.98 | ppb |
| Molybdenum | 96-1 | 3.66 | 3.72 | 3.75 | 3.71 | 1.15 | ppb |
| Molybdenum | 97-1 | 3.32 | 3.41 | 3.44 | 3.39 | 1.96 | ppb |
| Molybdenum | 98-1 | 3.39 | 3.41 | 3.43 | 3.41 | 0.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 15.84 | 15.95 | 15.72 | 15.84 | 0.74 | ppb |
| Phosphorus | 31-2 | 823.89 | 823.90 | 794.22 | 814.00 | 2.10 | ppb |
| Potassium | 39-2 | 1651.50 | 1648.84 | 1647.14 | 1649.16 | 0.13 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 1.01 | 0.57 | 0.51 | 0.69 | 39.88 | ppb |
| Selenium | 77-2 | 2.72 | 4.83 | 1.12 | 2.89 | 64.42 | ppb |
| Selenium | 78-2 | -1.34 | -0.38 | -0.34 | -0.69 | | ppb |
| Silicon | 28-1 | 901.61 | 1005.22 | 938.72 | 948.51 | 5.53 | ppb |
| Silver | 107-1 | 1.31 | 1.37 | 1.31 | 1.33 | 2.67 | ppb |
| Silver | 109-1 | 1.29 | 1.37 | 1.34 | 1.33 | 3.13 | ppb |
| Sodium | 23-2 | 9651.06 | 9525.98 | 9567.59 | 9581.54 | 0.66 | ppb |
| Strontium | 86-1 | 14363.53 | 14520.68 | 14825.15 | 14569.79 | 1.61 | ppb |
| Strontium | 88-1 | 14439.65 | 14582.52 | 14503.07 | 14508.41 | 0.49 | ppb |
| Sulfur | 34-1 | 1920.84 | 2102.27 | 2090.15 | 2037.75 | 4.98 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.20 | 0.20 | 0.21 | 0.20 | 2.43 | ppb |
| Thallium | 205-1 | 0.20 | 0.20 | 0.20 | 0.20 | 1.58 | ppb |
| Tin | 118-1 | 30.92 | 31.34 | 31.23 | 31.16 | 0.70 | ppb |
| Titanium | 47-1 | 259.39 | 264.54 | 263.00 | 262.31 | 1.01 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.15 | 1.16 | 1.16 | 1.16 | 0.62 | ppb |
| Vanadium | 51-2 | 22.95 | 22.99 | 22.92 | 22.95 | 0.17 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 1566.41 | 1562.32 | 1559.66 | 1562.80 | 0.22 | ppb |
| Zirconium | 90-1 | 1.36 | 1.41 | 1.41 | 1.39 | 2.19 | ppb |
| Zirconium | 91-1 | 1.44 | 1.43 | 1.46 | 1.45 | 1.14 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6856.76 | 6738.90 | 6976.11 | 6857.26 | 1.73 | ppb |
| Antimony | 121-1 | 95.80 | 106.11 | 106.46 | 102.79 | 5.89 | ppb |
| Arsenic | 75-2 | 938.52 | 938.28 | 946.48 | 941.10 | 0.50 | ppb |
| Barium | 135-1 | 55.69 | 62.51 | 61.23 | 59.81 | 6.07 | ppb |
| Barium | 137-1 | 56.63 | 62.64 | 62.94 | 60.74 | 5.86 | ppb |
| Beryllium | 9-1 | 0.42 | 0.44 | 0.55 | 0.47 | 14.70 | ppb |
| Bismuth | 209-1 | | | | 117 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.00 | 2.70 | 3.22 | 2.97 | 8.75 | ppb |
| Cadmium | 106-1 | 1.85 | 2.67 | 2.55 | 2.35 | 18.81 | ppb |
| Cadmium | 111-1 | 1.83 | 2.18 | 2.13 | 2.05 | 9.35 | ppb |
| Calcium | 43-1 | 6130.08 | 6712.98 | 6740.27 | 6527.78 | 5.28 | ppb |
| Calcium | 44-1 | 5970.87 | 6534.86 | 6610.78 | 6372.17 | 5.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30.69 | 31.19 | 30.68 | 30.85 | 0.95 | ppb |
| Cobalt | 59-2 | 46.86 | 46.96 | 46.71 | 46.85 | 0.27 | ppb |
| Copper | 63-2 | 419.72 | 427.00 | 423.50 | 423.41 | 0.86 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 114 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 112 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 45373.43 | 45756.05 | 45368.17 | 45499.22 | 0.49 | ppb |
| Iron | 57-2 | 44826.78 | 45073.94 | 44918.92 | 44939.88 | 0.28 | ppb |
| Iron | 54-2 | 45473.59 | 45997.62 | 45538.95 | 45670.05 | 0.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 761.94 | 834.13 | 845.86 | 813.98 | 5.58 | ppb |
| Lead | 207-1 | 758.57 | 817.94 | 832.16 | 802.89 | 4.86 | ppb |
| Lead | 208-1 | 762.14 | 824.41 | 835.64 | 807.39 | 4.90 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 4748.09 | 4682.82 | 4745.20 | 4725.37 | 0.78 | ppb |
| Manganese | 55-2 | 353.38 | 356.47 | 358.19 | 356.01 | 0.68 | ppb |
| Molybdenum | 94-1 | 33.63 | 37.27 | 37.24 | 36.05 | 5.81 | ppb |
| Molybdenum | 95-1 | 39.33 | 42.62 | 43.03 | 41.66 | 4.87 | ppb |
| Molybdenum | 96-1 | 39.16 | 42.45 | 42.82 | 41.48 | 4.86 | ppb |
| Molybdenum | 97-1 | 40.08 | 43.05 | 43.63 | 42.25 | 4.50 | ppb |
| Molybdenum | 98-1 | 39.61 | 43.23 | 43.66 | 42.16 | 5.28 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 32.79 | 33.16 | 32.83 | 32.93 | 0.61 | ppb |
| Phosphorus | 31-2 | 884.96 | 894.59 | 898.30 | 892.62 | 0.77 | ppb |
| Potassium | 39-2 | 2663.99 | 2671.23 | 2690.19 | 2675.14 | 0.51 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 0.60 | 0.70 | 0.25 | 0.52 | 46.37 | ppb |
| Selenium | 77-2 | 4.10 | 3.65 | 3.47 | 3.74 | 8.68 | ppb |
| Selenium | 78-2 | 0.53 | 0.04 | 1.49 | 0.69 | 106.79 | ppb |
| Silicon | 28-1 | 1798.39 | 1972.73 | 1938.38 | 1903.17 | 4.85 | ppb |
| Silver | 107-1 | 0.77 | 0.83 | 0.88 | 0.83 | 6.20 | ppb |
| Silver | 109-1 | 0.74 | 0.84 | 0.85 | 0.81 | 7.77 | ppb |
| Sodium | 23-2 | 10166.78 | 10032.86 | 10132.23 | 10110.62 | 0.69 | ppb |
| Strontium | 86-1 | 1197.19 | 1314.69 | 1306.11 | 1272.66 | 5.15 | ppb |
| Strontium | 88-1 | 1227.65 | 1356.29 | 1345.43 | 1309.79 | 5.45 | ppb |
| Sulfur | 34-1 | 377.58 | 701.58 | 651.38 | 576.85 | 30.23 | ppb |
| Terbium | 159-1 | | | | 114 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.70 | 0.76 | 0.79 | 0.75 | 6.39 | ppb |
| Thallium | 205-1 | 0.73 | 0.75 | 0.79 | 0.76 | 4.42 | ppb |
| Tin | 118-1 | 38.41 | 43.18 | 43.38 | 41.66 | 6.76 | ppb |
| Titanium | 47-1 | 145.01 | 157.20 | 160.72 | 154.31 | 5.34 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.21 | 1.33 | 1.31 | 1.28 | 5.12 | ppb |
| Vanadium | 51-2 | 28.77 | 28.66 | 28.75 | 28.73 | 0.20 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 2729.27 | 2752.95 | 2769.64 | 2750.62 | 0.74 | ppb |
| Zirconium | 90-1 | 0.90 | 0.98 | 1.15 | 1.01 | 12.65 | ppb |
| Zirconium | 91-1 | 1.03 | 1.11 | 1.21 | 1.12 | 8.09 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:26:30 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5604.93 | 5666.66 | 5607.28 | 5626.29 | 0.62 | ppb |
| Antimony | 121-1 | 18.60 | 19.10 | 19.10 | 18.93 | 1.52 | ppb |
| Arsenic | 75-2 | 36.80 | 36.69 | 36.13 | 36.54 | 0.98 | ppb |
| Barium | 135-1 | 26.73 | 27.36 | 27.37 | 27.15 | 1.34 | ppb |
| Barium | 137-1 | 26.94 | 27.45 | 27.71 | 27.37 | 1.43 | ppb |
| Beryllium | 9-1 | 0.14 | 0.15 | 0.11 | 0.13 | 15.55 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.89 | 1.03 | 0.78 | 0.90 | 13.97 | ppb |
| Cadmium | 106-1 | 0.46 | -0.18 | 0.62 | 0.30 | 140.26 | ppb |
| Cadmium | 111-1 | 0.49 | 0.51 | 0.57 | 0.52 | 8.50 | ppb |
| Calcium | 43-1 | 14961.40 | 15112.04 | 15302.79 | 15125.41 | 1.13 | ppb |
| Calcium | 44-1 | 14463.39 | 14711.23 | 14829.57 | 14668.06 | 1.27 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 17.98 | 18.31 | 18.23 | 18.17 | 0.94 | ppb |
| Cobalt | 59-2 | 10.00 | 10.00 | 9.88 | 9.96 | 0.72 | ppb |
| Copper | 63-2 | 153.02 | 154.27 | 152.75 | 153.35 | 0.53 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 112 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 12974.09 | 13180.93 | 13125.02 | 13093.34 | 0.82 | ppb |
| Iron | 57-2 | 13194.99 | 12822.16 | 13015.30 | 13010.82 | 1.43 | ppb |
| Iron | 54-2 | 13275.65 | 13217.97 | 13279.02 | 13257.55 | 0.26 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:26:30 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 64.80 | 67.05 | 66.74 | 66.20 | 1.84 | ppb |
| Lead | 207-1 | 63.29 | 65.43 | 65.23 | 64.65 | 1.83 | ppb |
| Lead | 208-1 | 63.57 | 65.55 | 65.13 | 64.75 | 1.62 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 3760.64 | 3812.45 | 3813.21 | 3795.44 | 0.79 | ppb |
| Manganese | 55-2 | 127.76 | 127.69 | 127.54 | 127.66 | 0.09 | ppb |
| Molybdenum | 94-1 | 5.92 | 6.16 | 6.16 | 6.08 | 2.35 | ppb |
| Molybdenum | 95-1 | 1.82 | 1.88 | 1.94 | 1.88 | 3.10 | ppb |
| Molybdenum | 96-1 | 2.37 | 2.45 | 2.33 | 2.38 | 2.57 | ppb |
| Molybdenum | 97-1 | 1.82 | 1.91 | 1.96 | 1.90 | 3.63 | ppb |
| Molybdenum | 98-1 | 1.86 | 1.91 | 1.96 | 1.91 | 2.59 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.79 | 18.83 | 18.85 | 18.82 | 0.18 | ppb |
| Phosphorus | 31-2 | 869.57 | 890.19 | 884.85 | 881.54 | 1.21 | ppb |
| Potassium | 39-2 | 1070.86 | 1077.55 | 1075.59 | 1074.67 | 0.32 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.77 | 0.66 | 0.81 | 0.75 | 10.29 | ppb |
| Selenium | 77-2 | 3.96 | 4.12 | 3.49 | 3.86 | 8.47 | ppb |
| Selenium | 78-2 | 0.13 | -0.01 | -0.29 | -0.06 | | ppb |
| Silicon | 28-1 | 150.28 | 150.65 | 157.42 | 152.78 | 2.63 | ppb |
| Silver | 107-1 | 0.51 | 0.50 | 0.53 | 0.52 | 2.98 | ppb |
| Silver | 109-1 | 0.51 | 0.49 | 0.51 | 0.50 | 1.68 | ppb |
| Sodium | 23-2 | 7582.65 | 7604.02 | 7660.44 | 7615.70 | 0.53 | ppb |
| Strontium | 86-1 | 1550.32 | 1587.09 | 1578.53 | 1571.98 | 1.22 | ppb |
| Strontium | 88-1 | 1589.87 | 1630.08 | 1625.32 | 1615.09 | 1.36 | ppb |
| Sulfur | 34-1 | 1738.40 | 1911.09 | 2048.82 | 1899.43 | 8.19 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.18 | 0.21 | 0.20 | 0.20 | 6.65 | ppb |
| Thallium | 205-1 | 0.18 | 0.20 | 0.19 | 0.19 | 4.08 | ppb |
| Tin | 118-1 | 5.27 | 5.41 | 5.41 | 5.37 | 1.50 | ppb |
| Titanium | 47-1 | 515.23 | 522.05 | 528.70 | 521.99 | 1.29 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:26:30 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.96 | 1.02 | 1.00 | 0.99 | 2.70 | ppb |
| Vanadium | 51-2 | 30.33 | 30.34 | 30.53 | 30.40 | 0.37 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 294.42 | 297.01 | 296.13 | 295.85 | 0.45 | ppb |
| Zirconium | 90-1 | 2.42 | 2.49 | 2.63 | 2.51 | 4.22 | ppb |
| Zirconium | 91-1 | 2.45 | 2.55 | 2.49 | 2.49 | 2.13 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:29:41 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10671.12 | 10769.44 | 10763.57 | 10734.71 | 0.51 | ppb |
| Antimony | 121-1 | 766.43 | 789.54 | 809.70 | 788.56 | 2.75 | ppb |
| Arsenic | 75-2 | 1059.63 | 1066.55 | 1083.25 | 1069.81 | 1.14 | ppb |
| Barium | 135-1 | 94.74 | 97.09 | 99.93 | 97.25 | 2.67 | ppb |
| Barium | 137-1 | 96.14 | 99.20 | 100.92 | 98.76 | 2.45 | ppb |
| Beryllium | 9-1 | 0.59 | 0.65 | 0.68 | 0.64 | 7.34 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.67 | 2.46 | 2.62 | 2.58 | 4.23 | ppb |
| Cadmium | 106-1 | 2.57 | 2.29 | 2.62 | 2.49 | 7.19 | ppb |
| Cadmium | 111-1 | 1.40 | 1.43 | 1.45 | 1.43 | 1.75 | ppb |
| Calcium | 43-1 | 6115.66 | 6339.66 | 6274.10 | 6243.14 | 1.84 | ppb |
| Calcium | 44-1 | 5919.09 | 6158.25 | 6081.60 | 6052.98 | 2.02 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.05 | 43.32 | 43.63 | 43.33 | 0.67 | ppb |
| Cobalt | 59-2 | 50.59 | 50.44 | 50.71 | 50.58 | 0.27 | ppb |
| Copper | 63-2 | 496.06 | 493.52 | 484.64 | 491.41 | 1.22 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 114 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 113 | | % |
| Indium | 115-2 | | | | 109 | | % |
| Iron | 56-2 | 53297.99 | 53628.27 | 53480.04 | 53468.77 | 0.31 | ppb |
| Iron | 57-2 | 52037.18 | 52161.37 | 52777.27 | 52325.27 | 0.76 | ppb |
| Iron | 54-2 | 53697.65 | 53237.32 | 53475.53 | 53470.17 | 0.43 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:29:41 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 839.13 | 872.91 | 868.58 | 860.21 | 2.14 | ppb |
| Lead | 207-1 | 842.12 | 866.86 | 853.71 | 854.23 | 1.45 | ppb |
| Lead | 208-1 | 837.93 | 863.74 | 853.73 | 851.80 | 1.53 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 7891.63 | 7957.49 | 7870.23 | 7906.45 | 0.58 | ppb |
| Manganese | 55-2 | 468.11 | 469.67 | 472.44 | 470.07 | 0.47 | ppb |
| Molybdenum | 94-1 | 52.20 | 53.73 | 53.67 | 53.20 | 1.63 | ppb |
| Molybdenum | 95-1 | 55.11 | 56.50 | 56.68 | 56.10 | 1.53 | ppb |
| Molybdenum | 96-1 | 55.68 | 57.15 | 57.19 | 56.67 | 1.52 | ppb |
| Molybdenum | 97-1 | 55.86 | 57.18 | 56.96 | 56.67 | 1.25 | ppb |
| Molybdenum | 98-1 | 55.58 | 56.73 | 57.01 | 56.44 | 1.34 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 63.32 | 63.46 | 63.75 | 63.51 | 0.34 | ppb |
| Phosphorus | 31-2 | 939.21 | 968.04 | 965.20 | 957.48 | 1.66 | ppb |
| Potassium | 39-2 | 2558.37 | 2550.16 | 2532.86 | 2547.13 | 0.51 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 1.51 | 1.35 | 1.43 | 1.43 | 5.77 | ppb |
| Selenium | 77-2 | 3.83 | 3.41 | 6.33 | 4.52 | 34.93 | ppb |
| Selenium | 78-2 | 0.58 | 0.31 | 0.48 | 0.46 | 30.50 | ppb |
| Silicon | 28-1 | 270.43 | 278.71 | 326.02 | 291.72 | 10.28 | ppb |
| Silver | 107-1 | 1.57 | 1.61 | 1.68 | 1.62 | 3.58 | ppb |
| Silver | 109-1 | 1.54 | 1.56 | 1.62 | 1.57 | 2.39 | ppb |
| Sodium | 23-2 | 7175.86 | 7160.47 | 7160.72 | 7165.68 | 0.12 | ppb |
| Strontium | 86-1 | 1245.25 | 1278.17 | 1274.86 | 1266.09 | 1.43 | ppb |
| Strontium | 88-1 | 1287.52 | 1303.30 | 1316.09 | 1302.30 | 1.10 | ppb |
| Sulfur | 34-1 | 891.63 | 941.19 | 811.18 | 881.33 | 7.44 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.72 | 0.74 | 0.72 | 0.73 | 1.95 | ppb |
| Thallium | 205-1 | 0.71 | 0.76 | 0.72 | 0.73 | 3.72 | ppb |
| Tin | 118-1 | 141.42 | 148.56 | 153.16 | 147.71 | 4.00 | ppb |
| Titanium | 47-1 | 357.56 | 372.84 | 372.41 | 367.60 | 2.37 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:29:41 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.19 | 1.22 | 1.21 | 1.21 | 1.28 | ppb |
| Vanadium | 51-2 | 43.08 | 43.10 | 43.31 | 43.16 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 2476.27 | 2505.35 | 2521.98 | 2501.20 | 0.93 | ppb |
| Zirconium | 90-1 | 3.49 | 3.65 | 3.65 | 3.59 | 2.52 | ppb |
| Zirconium | 91-1 | 3.70 | 3.82 | 3.84 | 3.79 | 2.05 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:32:42 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18733.08 | 18592.73 | 18616.81 | 18647.54 | 0.40 | ppb |
| Antimony | 121-1 | 2860.63 | 2944.66 | 2937.31 | 2914.20 | 1.60 | ppb |
| Arsenic | 75-2 | 7998.30 | 7900.85 | 8092.55 | 7997.24 | 1.20 | ppb |
| Barium | 135-1 | 285.38 | 294.36 | 293.54 | 291.09 | 1.71 | ppb |
| Barium | 137-1 | 297.49 | 311.52 | 309.50 | 306.17 | 2.48 | ppb |
| Beryllium | 9-1 | 1.73 | 1.74 | 1.75 | 1.74 | 0.50 | ppb |
| Bismuth | 209-1 | | | | 117 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 21.42 | 20.94 | 20.76 | 21.04 | 1.62 | ppb |
| Cadmium | 106-1 | 20.14 | 19.94 | 19.84 | 19.97 | 0.76 | ppb |
| Cadmium | 111-1 | 12.52 | 12.95 | 12.72 | 12.73 | 1.70 | ppb |
| Calcium | 43-1 | 44778.98 | 45660.29 | 44987.31 | 45142.19 | 1.02 | ppb |
| Calcium | 44-1 | 44163.71 | 45650.47 | 45344.73 | 45052.97 | 1.74 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 171.55 | 170.62 | 172.97 | 171.71 | 0.69 | ppb |
| Cobalt | 59-2 | 259.18 | 260.13 | 264.88 | 261.40 | 1.17 | ppb |
| Copper | 63-2 | 3171.26 | 3133.40 | 3179.73 | 3161.46 | 0.78 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 112 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 130 | | % |
| Indium | 115-2 | | | | 123 | | % |
| Iron | 56-2 | 235945.09 | 234892.41 | 237799.65 | 236212.38 | 0.62 | ppb |
| Iron | 57-2 | 235860.37 | 233309.36 | 236375.24 | 235181.66 | 0.70 | ppb |
| Iron | 54-2 | 235881.57 | 236641.17 | 240846.70 | 237789.81 | 1.12 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:32:42 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4481.84 | 4494.07 | 4584.71 | 4520.20 | 1.24 | ppb |
| Lead | 207-1 | 4400.18 | 4397.88 | 4551.77 | 4449.94 | 1.98 | ppb |
| Lead | 208-1 | 4405.42 | 4440.90 | 4550.62 | 4465.65 | 1.70 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 8369.39 | 8330.16 | 8473.82 | 8391.12 | 0.88 | ppb |
| Manganese | 55-2 | 881.09 | 885.83 | 897.46 | 888.13 | 0.95 | ppb |
| Molybdenum | 94-1 | 479.19 | 490.78 | 486.12 | 485.36 | 1.20 | ppb |
| Molybdenum | 95-1 | 551.47 | 568.21 | 564.08 | 561.25 | 1.55 | ppb |
| Molybdenum | 96-1 | 546.56 | 558.02 | 562.33 | 555.64 | 1.47 | ppb |
| Molybdenum | 97-1 | 552.70 | 563.86 | 566.14 | 560.90 | 1.28 | ppb |
| Molybdenum | 98-1 | 549.64 | 566.69 | 562.86 | 559.73 | 1.60 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 99.47 | 98.81 | 99.98 | 99.42 | 0.59 | ppb |
| Phosphorus | 31-2 | 1010.64 | 993.87 | 1010.38 | 1004.96 | 0.96 | ppb |
| Potassium | 39-2 | 4609.26 | 4579.64 | 4647.67 | 4612.19 | 0.74 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 4.53 | 4.20 | 4.27 | 4.34 | 3.95 | ppb |
| Selenium | 77-2 | 7.39 | 7.90 | 7.34 | 7.54 | 4.07 | ppb |
| Selenium | 78-2 | 3.92 | 4.21 | 4.08 | 4.07 | 3.55 | ppb |
| Silicon | 28-1 | 2436.81 | 2580.47 | 2608.68 | 2541.99 | 3.63 | ppb |
| Silver | 107-1 | 7.34 | 7.52 | 7.67 | 7.51 | 2.19 | ppb |
| Silver | 109-1 | 7.22 | 7.45 | 7.54 | 7.40 | 2.19 | ppb |
| Sodium | 23-2 | 14684.07 | 14610.69 | 14666.72 | 14653.82 | 0.26 | ppb |
| Strontium | 86-1 | 7987.13 | 8511.70 | 8184.75 | 8227.86 | 3.22 | ppb |
| Strontium | 88-1 | 8263.74 | 8453.91 | 8447.31 | 8388.32 | 1.29 | ppb |
| Sulfur | 34-1 | 5066.17 | 5317.93 | 5300.82 | 5228.31 | 2.69 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 4.97 | 5.06 | 5.16 | 5.06 | 1.86 | ppb |
| Thallium | 205-1 | 4.94 | 5.04 | 5.09 | 5.02 | 1.53 | ppb |
| Tin | 118-1 | 693.84 | 700.99 | 707.14 | 700.66 | 0.95 | ppb |
| Titanium | 47-1 | 967.82 | 1025.27 | 1020.05 | 1004.38 | 3.16 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:32:42 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8.05 | 8.24 | 8.42 | 8.24 | 2.22 | ppb |
| Vanadium | 51-2 | 59.52 | 59.04 | 59.85 | 59.47 | 0.68 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 16130.53 | 16021.58 | 16191.21 | 16114.44 | 0.53 | ppb |
| Zirconium | 90-1 | 16.55 | 16.96 | 17.14 | 16.89 | 1.79 | ppb |
| Zirconium | 91-1 | 18.46 | 18.76 | 18.71 | 18.64 | 0.87 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9555.08 | 9638.97 | 9445.96 | 9546.67 | 1.01 | ppb |
| Antimony | 121-1 | 517.31 | 520.70 | 521.46 | 519.82 | 0.42 | ppb |
| Arsenic | 75-2 | 685.28 | 692.38 | 676.68 | 684.78 | 1.15 | ppb |
| Barium | 135-1 | 80.58 | 82.44 | 83.06 | 82.02 | 1.57 | ppb |
| Barium | 137-1 | 82.77 | 82.44 | 83.75 | 82.99 | 0.82 | ppb |
| Beryllium | 9-1 | 0.36 | 0.38 | 0.41 | 0.38 | 7.48 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.79 | 2.30 | 2.04 | 2.04 | 12.37 | ppb |
| Cadmium | 106-1 | 2.31 | 2.22 | 1.20 | 1.91 | 32.33 | ppb |
| Cadmium | 111-1 | 1.00 | 1.01 | 1.05 | 1.02 | 2.83 | ppb |
| Calcium | 43-1 | 5562.82 | 5670.33 | 5681.81 | 5638.32 | 1.16 | ppb |
| Calcium | 44-1 | 5295.73 | 5460.31 | 5488.41 | 5414.82 | 1.92 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 33.64 | 33.41 | 33.18 | 33.41 | 0.69 | ppb |
| Cobalt | 59-2 | 41.48 | 41.28 | 41.07 | 41.28 | 0.50 | ppb |
| Copper | 63-2 | 292.64 | 286.95 | 290.69 | 290.09 | 1.00 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 114 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 113 | | % |
| Indium | 115-2 | | | | 107 | | % |
| Iron | 56-2 | 45086.05 | 45150.01 | 44245.46 | 44827.18 | 1.13 | ppb |
| Iron | 57-2 | 44498.77 | 44328.89 | 43820.03 | 44215.90 | 0.80 | ppb |
| Iron | 54-2 | 44991.61 | 45290.31 | 44352.80 | 44878.24 | 1.07 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 620.07 | 637.01 | 643.79 | 633.63 | 1.93 | ppb |
| Lead | 207-1 | 616.08 | 635.45 | 645.39 | 632.31 | 2.36 | ppb |
| Lead | 208-1 | 621.68 | 637.90 | 644.12 | 634.56 | 1.83 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 7789.06 | 7691.76 | 7567.32 | 7682.71 | 1.45 | ppb |
| Manganese | 55-2 | 467.19 | 464.71 | 467.33 | 466.41 | 0.32 | ppb |
| Molybdenum | 94-1 | 20.29 | 20.74 | 20.48 | 20.50 | 1.10 | ppb |
| Molybdenum | 95-1 | 15.18 | 15.78 | 15.68 | 15.55 | 2.06 | ppb |
| Molybdenum | 96-1 | 16.19 | 16.57 | 16.46 | 16.40 | 1.18 | ppb |
| Molybdenum | 97-1 | 15.39 | 15.82 | 15.97 | 15.72 | 1.92 | ppb |
| Molybdenum | 98-1 | 15.36 | 15.80 | 15.77 | 15.64 | 1.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 52.48 | 52.52 | 52.31 | 52.44 | 0.21 | ppb |
| Phosphorus | 31-2 | 1110.96 | 1162.19 | 1123.11 | 1132.09 | 2.36 | ppb |
| Potassium | 39-2 | 2460.67 | 2455.35 | 2424.18 | 2446.74 | 0.81 | ppb |
| Rhodium | 103-1 | | | | 108 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 105 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 1.07 | 1.14 | 1.45 | 1.22 | 16.64 | ppb |
| Selenium | 77-2 | 4.29 | 3.16 | 2.50 | 3.32 | 27.28 | ppb |
| Selenium | 78-2 | 1.69 | 0.78 | -0.18 | 0.76 | 122.74 | ppb |
| Silicon | 28-1 | 154.00 | 157.67 | 200.62 | 170.76 | 15.18 | ppb |
| Silver | 107-1 | 0.84 | 0.86 | 0.84 | 0.85 | 1.56 | ppb |
| Silver | 109-1 | 0.84 | 0.82 | 0.86 | 0.84 | 1.97 | ppb |
| Sodium | 23-2 | 7344.22 | 7281.72 | 7218.08 | 7281.34 | 0.87 | ppb |
| Strontium | 86-1 | 1119.68 | 1153.63 | 1150.98 | 1141.43 | 1.65 | ppb |
| Strontium | 88-1 | 1137.56 | 1178.57 | 1167.78 | 1161.30 | 1.83 | ppb |
| Sulfur | 34-1 | 555.33 | 583.10 | 628.96 | 589.13 | 6.31 | ppb |
| Terbium | 159-1 | | | | 113 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.35 | 0.36 | 0.37 | 0.36 | 2.21 | ppb |
| Thallium | 205-1 | 0.35 | 0.36 | 0.36 | 0.36 | 1.17 | ppb |
| Tin | 118-1 | 101.28 | 102.13 | 103.00 | 102.14 | 0.84 | ppb |
| Titanium | 47-1 | 322.57 | 328.74 | 332.20 | 327.83 | 1.49 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.76 | 0.77 | 0.77 | 0.77 | 0.63 | ppb |
| Vanadium | 51-2 | 40.73 | 40.72 | 40.76 | 40.74 | 0.04 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 2122.49 | 2121.56 | 2079.71 | 2107.92 | 1.16 | ppb |
| Zirconium | 90-1 | 4.08 | 4.67 | 4.26 | 4.34 | 6.98 | ppb |
| Zirconium | 91-1 | 4.26 | 4.43 | 4.38 | 4.36 | 2.05 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17814.70 | 17692.25 | 17538.97 | 17681.97 | 0.78 | ppb |
| Antimony | 121-1 | 2376.99 | 2456.82 | 2437.13 | 2423.65 | 1.72 | ppb |
| Arsenic | 75-2 | 5219.88 | 5279.70 | 5307.97 | 5269.18 | 0.85 | ppb |
| Barium | 135-1 | 652.85 | 676.36 | 668.25 | 665.82 | 1.79 | ppb |
| Barium | 137-1 | 657.58 | 686.35 | 670.61 | 671.51 | 2.15 | ppb |
| Beryllium | 9-1 | 1.12 | 1.20 | 1.26 | 1.19 | 5.82 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 12.32 | 12.25 | 12.70 | 12.42 | 1.94 | ppb |
| Cadmium | 106-1 | 13.60 | 15.49 | 13.29 | 14.13 | 8.44 | ppb |
| Cadmium | 111-1 | 5.74 | 6.22 | 5.94 | 5.97 | 3.98 | ppb |
| Calcium | 43-1 | 70680.26 | 75177.44 | 73962.82 | 73273.51 | 3.18 | ppb |
| Calcium | 44-1 | 70894.24 | 74161.89 | 73703.45 | 72919.86 | 2.43 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 48.94 | 48.63 | 48.73 | 48.77 | 0.33 | ppb |
| Cobalt | 59-2 | 142.62 | 142.11 | 141.30 | 142.01 | 0.47 | ppb |
| Copper | 63-2 | 2403.09 | 2409.98 | 2388.17 | 2400.41 | 0.46 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 113 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 144 | | % |
| Indium | 115-2 | | | | 136 | | % |
| Iron | 56-2 | 152724.88 | 151330.06 | 151352.07 | 151802.34 | 0.53 | ppb |
| Iron | 57-2 | 150004.93 | 150244.29 | 149162.77 | 149804.00 | 0.38 | ppb |
| Iron | 54-2 | 152442.44 | 151393.00 | 151148.08 | 151661.17 | 0.45 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4397.01 | 4600.58 | 4587.98 | 4528.52 | 2.52 | ppb |
| Lead | 207-1 | 4420.53 | 4598.51 | 4565.04 | 4528.03 | 2.09 | ppb |
| Lead | 208-1 | 4402.65 | 4594.27 | 4564.84 | 4520.59 | 2.28 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 9368.14 | 9317.45 | 9350.79 | 9345.46 | 0.28 | ppb |
| Manganese | 55-2 | 1362.39 | 1350.59 | 1346.68 | 1353.22 | 0.60 | ppb |
| Molybdenum | 94-1 | 122.43 | 127.08 | 125.84 | 125.12 | 1.92 | ppb |
| Molybdenum | 95-1 | 111.37 | 115.61 | 115.14 | 114.04 | 2.04 | ppb |
| Molybdenum | 96-1 | 113.01 | 117.74 | 118.27 | 116.34 | 2.49 | ppb |
| Molybdenum | 97-1 | 112.70 | 116.49 | 116.21 | 115.13 | 1.84 | ppb |
| Molybdenum | 98-1 | 112.17 | 116.59 | 116.46 | 115.07 | 2.19 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 83.41 | 83.42 | 82.92 | 83.25 | 0.34 | ppb |
| Phosphorus | 31-2 | 1157.35 | 1175.33 | 1177.64 | 1170.10 | 0.95 | ppb |
| Potassium | 39-2 | 4464.97 | 4523.33 | 4497.90 | 4495.40 | 0.65 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 4.22 | 4.62 | 4.38 | 4.41 | 4.50 | ppb |
| Selenium | 77-2 | 5.75 | 5.19 | 7.45 | 6.13 | 19.21 | ppb |
| Selenium | 78-2 | 3.72 | 3.37 | 4.78 | 3.96 | 18.50 | ppb |
| Silicon | 28-1 | 739.82 | 791.02 | 771.66 | 767.50 | 3.37 | ppb |
| Silver | 107-1 | 6.61 | 7.02 | 6.88 | 6.84 | 3.01 | ppb |
| Silver | 109-1 | 6.61 | 6.94 | 6.80 | 6.78 | 2.48 | ppb |
| Sodium | 23-2 | 16037.73 | 15811.30 | 15883.15 | 15910.73 | 0.73 | ppb |
| Strontium | 86-1 | 10812.77 | 11419.37 | 11368.36 | 11200.16 | 3.00 | ppb |
| Strontium | 88-1 | 10705.02 | 11165.12 | 11229.73 | 11033.29 | 2.59 | ppb |
| Sulfur | 34-1 | 3313.15 | 3772.19 | 3726.45 | 3603.93 | 7.02 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 1.23 | 1.29 | 1.28 | 1.27 | 2.32 | ppb |
| Thallium | 205-1 | 1.21 | 1.27 | 1.26 | 1.25 | 2.51 | ppb |
| Tin | 118-1 | 790.08 | 831.61 | 808.54 | 810.08 | 2.57 | ppb |
| Titanium | 47-1 | 615.52 | 647.96 | 647.73 | 637.07 | 2.93 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.74 | 3.96 | 3.94 | 3.88 | 3.07 | ppb |
| Vanadium | 51-2 | 53.54 | 52.99 | 53.17 | 53.23 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 15709.63 | 15666.31 | 15563.66 | 15646.54 | 0.48 | ppb |
| Zirconium | 90-1 | 16.22 | 16.99 | 17.06 | 16.76 | 2.78 | ppb |
| Zirconium | 91-1 | 17.22 | 18.24 | 18.07 | 17.84 | 3.04 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:42:34 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7923.04 | 7737.05 | 7957.43 | 7872.50 | 1.51 | ppb |
| Antimony | 121-1 | 28.69 | 28.82 | 28.88 | 28.80 | 0.33 | ppb |
| Arsenic | 75-2 | 43.82 | 43.39 | 43.78 | 43.66 | 0.54 | ppb |
| Barium | 135-1 | 16.39 | 16.63 | 16.73 | 16.59 | 1.06 | ppb |
| Barium | 137-1 | 16.76 | 17.21 | 16.62 | 16.86 | 1.83 | ppb |
| Beryllium | 9-1 | 0.25 | 0.24 | 0.21 | 0.23 | 7.72 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.60 | 0.70 | 0.41 | 0.57 | 26.26 | ppb |
| Cadmium | 106-1 | 0.85 | 0.66 | 0.95 | 0.82 | 17.40 | ppb |
| Cadmium | 111-1 | 0.22 | 0.23 | 0.26 | 0.24 | 8.20 | ppb |
| Calcium | 43-1 | 3497.30 | 3506.52 | 3525.98 | 3509.93 | 0.42 | ppb |
| Calcium | 44-1 | 3355.76 | 3371.98 | 3366.61 | 3364.78 | 0.25 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 28.74 | 28.91 | 29.05 | 28.90 | 0.52 | ppb |
| Cobalt | 59-2 | 16.23 | 16.40 | 16.44 | 16.35 | 0.69 | ppb |
| Copper | 63-2 | 48.17 | 48.60 | 48.91 | 48.56 | 0.76 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 112 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 25164.76 | 25005.57 | 25309.78 | 25160.04 | 0.60 | ppb |
| Iron | 57-2 | 24768.45 | 24712.98 | 25105.43 | 24862.28 | 0.85 | ppb |
| Iron | 54-2 | 25343.86 | 25446.92 | 25372.15 | 25387.64 | 0.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:42:34 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 50.98 | 51.87 | 51.36 | 51.40 | 0.87 | ppb |
| Lead | 207-1 | 48.89 | 50.32 | 49.91 | 49.70 | 1.48 | ppb |
| Lead | 208-1 | 49.72 | 50.83 | 50.19 | 50.25 | 1.11 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 7397.95 | 7255.41 | 7351.17 | 7334.84 | 0.99 | ppb |
| Manganese | 55-2 | 294.73 | 290.58 | 293.82 | 293.05 | 0.74 | ppb |
| Molybdenum | 94-1 | 6.18 | 6.40 | 6.38 | 6.32 | 1.92 | ppb |
| Molybdenum | 95-1 | 0.97 | 1.00 | 0.98 | 0.99 | 1.67 | ppb |
| Molybdenum | 96-1 | 1.66 | 1.79 | 1.75 | 1.73 | 3.81 | ppb |
| Molybdenum | 97-1 | 0.98 | 1.03 | 1.09 | 1.03 | 5.27 | ppb |
| Molybdenum | 98-1 | 0.97 | 1.04 | 0.97 | 0.99 | 3.98 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 44.64 | 44.85 | 45.44 | 44.98 | 0.92 | ppb |
| Phosphorus | 31-2 | 692.27 | 665.20 | 701.75 | 686.41 | 2.76 | ppb |
| Potassium | 39-2 | 2086.70 | 2080.09 | 2125.26 | 2097.35 | 1.16 | ppb |
| Rhodium | 103-1 | | | | 107 | | % |
| Rhodium | 103-2 | | | | 107 | | % |
| Scandium | 45-1 | | | | 105 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 0.72 | 0.70 | 0.44 | 0.62 | 25.02 | ppb |
| Selenium | 77-2 | 3.97 | 3.08 | 2.82 | 3.29 | 18.33 | ppb |
| Selenium | 78-2 | 1.01 | 0.19 | 0.50 | 0.57 | 72.90 | ppb |
| Silicon | 28-1 | 159.48 | 159.04 | 158.94 | 159.15 | 0.18 | ppb |
| Silver | 107-1 | 0.19 | 0.17 | 0.17 | 0.17 | 7.16 | ppb |
| Silver | 109-1 | 0.18 | 0.17 | 0.15 | 0.17 | 7.78 | ppb |
| Sodium | 23-2 | 6087.12 | 5959.71 | 6100.81 | 6049.21 | 1.29 | ppb |
| Strontium | 86-1 | 792.72 | 800.67 | 808.62 | 800.67 | 0.99 | ppb |
| Strontium | 88-1 | 787.53 | 803.17 | 796.91 | 795.87 | 0.99 | ppb |
| Sulfur | 34-1 | 533.05 | 499.86 | 446.62 | 493.18 | 8.84 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.14 | 0.16 | 0.15 | 0.15 | 5.22 | ppb |
| Thallium | 205-1 | 0.15 | 0.15 | 0.14 | 0.15 | 2.90 | ppb |
| Tin | 118-1 | 6.42 | 6.55 | 6.49 | 6.49 | 1.02 | ppb |
| Titanium | 47-1 | 304.71 | 308.27 | 308.10 | 307.02 | 0.65 | ppb |



1500

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:42:34 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.39 | 0.40 | 0.39 | 0.39 | 2.39 | ppb |
| Vanadium | 51-2 | 34.36 | 34.45 | 35.10 | 34.64 | 1.16 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 193.73 | 193.68 | 196.56 | 194.65 | 0.85 | ppb |
| Zirconium | 90-1 | 2.96 | 3.01 | 3.00 | 2.99 | 1.02 | ppb |
| Zirconium | 91-1 | 2.98 | 3.08 | 3.07 | 3.04 | 1.75 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5638.11 | 5714.77 | 5627.32 | 5660.07 | 0.84 | ppb |
| Antimony | 121-1 | 2.52 | 2.71 | 2.52 | 2.58 | 4.14 | ppb |
| Arsenic | 75-2 | 11.41 | 11.96 | 11.90 | 11.76 | 2.58 | ppb |
| Barium | 135-1 | 11.10 | 11.98 | 11.06 | 11.38 | 4.55 | ppb |
| Barium | 137-1 | 11.27 | 11.87 | 11.04 | 11.40 | 3.74 | ppb |
| Beryllium | 9-1 | 0.13 | 0.17 | 0.18 | 0.16 | 16.38 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.21 | 0.43 | 0.26 | 0.30 | 38.51 | ppb |
| Cadmium | 106-1 | -0.02 | 0.31 | 0.70 | 0.33 | 110.00 | ppb |
| Cadmium | 111-1 | 0.06 | 0.06 | 0.07 | 0.06 | 11.57 | ppb |
| Calcium | 43-1 | 4170.85 | 4415.30 | 4134.88 | 4240.34 | 3.60 | ppb |
| Calcium | 44-1 | 4060.16 | 4378.63 | 4001.81 | 4146.87 | 4.89 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 15.48 | 15.87 | 15.87 | 15.74 | 1.44 | ppb |
| Cobalt | 59-2 | 6.74 | 6.79 | 6.75 | 6.76 | 0.41 | ppb |
| Copper | 63-2 | 30.26 | 29.90 | 29.84 | 30.00 | 0.75 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 15444.35 | 15468.27 | 15347.37 | 15419.99 | 0.42 | ppb |
| Iron | 57-2 | 15214.85 | 15243.27 | 15345.85 | 15267.99 | 0.45 | ppb |
| Iron | 54-2 | 15434.19 | 15708.60 | 15367.82 | 15503.54 | 1.17 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 13.51 | 14.54 | 13.32 | 13.79 | 4.73 | ppb |
| Lead | 207-1 | 12.98 | 13.87 | 12.85 | 13.23 | 4.21 | ppb |
| Lead | 208-1 | 13.18 | 14.14 | 13.01 | 13.45 | 4.54 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 4147.38 | 4109.95 | 4137.54 | 4131.62 | 0.47 | ppb |
| Manganese | 55-2 | 390.97 | 399.71 | 386.88 | 392.52 | 1.67 | ppb |
| Molybdenum | 94-1 | 5.50 | 6.05 | 5.34 | 5.63 | 6.61 | ppb |
| Molybdenum | 95-1 | 0.73 | 0.74 | 0.69 | 0.72 | 3.80 | ppb |
| Molybdenum | 96-1 | 1.38 | 1.40 | 1.36 | 1.38 | 1.80 | ppb |
| Molybdenum | 97-1 | 0.74 | 0.81 | 0.73 | 0.76 | 5.25 | ppb |
| Molybdenum | 98-1 | 0.73 | 0.79 | 0.75 | 0.75 | 4.28 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 13.94 | 14.39 | 14.01 | 14.11 | 1.71 | ppb |
| Phosphorus | 31-2 | 1185.73 | 1176.46 | 1176.62 | 1179.60 | 0.45 | ppb |
| Potassium | 39-2 | 1084.68 | 1085.12 | 1081.40 | 1083.73 | 0.19 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.26 | 0.64 | 0.57 | 0.49 | 41.59 | ppb |
| Selenium | 77-2 | 3.46 | 3.48 | 5.59 | 4.18 | 29.31 | ppb |
| Selenium | 78-2 | 1.52 | 0.78 | 0.50 | 0.93 | 56.72 | ppb |
| Silicon | 28-1 | 127.08 | 147.86 | 144.45 | 139.80 | 7.97 | ppb |
| Silver | 107-1 | 0.07 | 0.08 | 0.07 | 0.07 | 10.58 | ppb |
| Silver | 109-1 | 0.07 | 0.08 | 0.07 | 0.08 | 7.80 | ppb |
| Sodium | 23-2 | 7565.99 | 7542.47 | 7605.43 | 7571.30 | 0.42 | ppb |
| Strontium | 86-1 | 859.31 | 885.69 | 828.55 | 857.85 | 3.33 | ppb |
| Strontium | 88-1 | 838.86 | 885.56 | 823.35 | 849.26 | 3.81 | ppb |
| Sulfur | 34-1 | 575.19 | 934.14 | 633.66 | 714.33 | 26.96 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.04 | 0.05 | 0.04 | 0.04 | 17.46 | ppb |
| Thallium | 205-1 | 0.05 | 0.06 | 0.05 | 0.05 | 12.33 | ppb |
| Tin | 118-1 | 1.13 | 1.22 | 1.13 | 1.16 | 4.51 | ppb |
| Titanium | 47-1 | 526.06 | 560.85 | 524.37 | 537.10 | 3.83 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.33 | 0.35 | 0.33 | 0.33 | 3.50 | ppb |
| Vanadium | 51-2 | 45.19 | 45.78 | 45.07 | 45.35 | 0.84 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 48.81 | 48.94 | 49.30 | 49.01 | 0.52 | ppb |
| Zirconium | 90-1 | 2.69 | 2.86 | 2.78 | 2.78 | 3.10 | ppb |
| Zirconium | 91-1 | 2.69 | 2.90 | 2.71 | 2.77 | 4.30 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5369.47 | 5360.81 | 5300.02 | 5343.44 | 0.71 | ppb |
| Antimony | 121-1 | 4.62 | 4.76 | 4.69 | 4.69 | 1.53 | ppb |
| Arsenic | 75-2 | 23.15 | 23.73 | 23.79 | 23.56 | 1.51 | ppb |
| Barium | 135-1 | 11.47 | 11.70 | 11.97 | 11.71 | 2.12 | ppb |
| Barium | 137-1 | 11.82 | 11.94 | 11.92 | 11.89 | 0.56 | ppb |
| Beryllium | 9-1 | 0.15 | 0.17 | 0.15 | 0.16 | 5.10 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.19 | 0.31 | 0.23 | 0.24 | 23.92 | ppb |
| Cadmium | 106-1 | -0.01 | 0.05 | -0.62 | -0.19 | | ppb |
| Cadmium | 111-1 | 0.11 | 0.09 | 0.08 | 0.09 | 13.36 | ppb |
| Calcium | 43-1 | 3182.68 | 3180.44 | 3231.81 | 3198.31 | 0.91 | ppb |
| Calcium | 44-1 | 3087.27 | 3119.86 | 3191.13 | 3132.75 | 1.70 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 16.31 | 16.31 | 16.36 | 16.33 | 0.17 | ppb |
| Cobalt | 59-2 | 6.96 | 6.85 | 6.87 | 6.89 | 0.81 | ppb |
| Copper | 63-2 | 51.83 | 51.99 | 52.30 | 52.04 | 0.46 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 13589.11 | 13587.04 | 13757.63 | 13644.59 | 0.72 | ppb |
| Iron | 57-2 | 13689.30 | 13571.58 | 13757.39 | 13672.76 | 0.69 | ppb |
| Iron | 54-2 | 13711.47 | 13814.39 | 13805.36 | 13777.07 | 0.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23.15 | 23.13 | 23.54 | 23.27 | 1.01 | ppb |
| Lead | 207-1 | 22.31 | 22.85 | 22.58 | 22.58 | 1.18 | ppb |
| Lead | 208-1 | 22.61 | 22.75 | 22.87 | 22.74 | 0.58 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 4200.91 | 4131.91 | 4162.41 | 4165.07 | 0.83 | ppb |
| Manganese | 55-2 | 154.01 | 152.97 | 154.29 | 153.76 | 0.45 | ppb |
| Molybdenum | 94-1 | 4.23 | 4.33 | 4.30 | 4.29 | 1.15 | ppb |
| Molybdenum | 95-1 | 0.43 | 0.43 | 0.41 | 0.42 | 2.76 | ppb |
| Molybdenum | 96-1 | 0.92 | 0.95 | 0.87 | 0.91 | 4.25 | ppb |
| Molybdenum | 97-1 | 0.40 | 0.42 | 0.42 | 0.41 | 2.17 | ppb |
| Molybdenum | 98-1 | 0.44 | 0.43 | 0.41 | 0.43 | 3.39 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.48 | 18.25 | 17.79 | 18.17 | 1.93 | ppb |
| Phosphorus | 31-2 | 810.39 | 832.94 | 827.81 | 823.71 | 1.43 | ppb |
| Potassium | 39-2 | 1257.90 | 1261.75 | 1264.20 | 1261.28 | 0.25 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.27 | 0.46 | 0.46 | 0.39 | 28.05 | ppb |
| Selenium | 77-2 | 3.49 | 4.65 | 1.82 | 3.32 | 42.83 | ppb |
| Selenium | 78-2 | -0.29 | 0.26 | 0.48 | 0.15 | 270.31 | ppb |
| Silicon | 28-1 | 155.29 | 147.57 | 139.50 | 147.45 | 5.36 | ppb |
| Silver | 107-1 | 0.16 | 0.17 | 0.17 | 0.17 | 1.30 | ppb |
| Silver | 109-1 | 0.16 | 0.16 | 0.17 | 0.17 | 4.06 | ppb |
| Sodium | 23-2 | 5836.19 | 5836.73 | 5806.35 | 5826.42 | 0.30 | ppb |
| Strontium | 86-1 | 659.40 | 667.34 | 676.56 | 667.77 | 1.29 | ppb |
| Strontium | 88-1 | 660.41 | 668.15 | 666.60 | 665.06 | 0.62 | ppb |
| Sulfur | 34-1 | 541.88 | 587.23 | 614.05 | 581.05 | 6.28 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.10 | 0.09 | 0.10 | 0.10 | 5.68 | ppb |
| Thallium | 205-1 | 0.09 | 0.09 | 0.10 | 0.09 | 1.03 | ppb |
| Tin | 118-1 | 2.66 | 2.74 | 2.77 | 2.72 | 2.02 | ppb |
| Titanium | 47-1 | 315.65 | 325.06 | 329.71 | 323.47 | 2.22 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.31 | 0.32 | 0.32 | 0.32 | 1.25 | ppb |
| Vanadium | 51-2 | 28.39 | 28.64 | 28.60 | 28.54 | 0.48 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 64.64 | 64.10 | 66.24 | 64.99 | 1.71 | ppb |
| Zirconium | 90-1 | 2.24 | 2.12 | 2.14 | 2.17 | 3.05 | ppb |
| Zirconium | 91-1 | 2.18 | 2.30 | 2.14 | 2.21 | 3.79 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:52:40 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6671.66 | 6638.45 | 6740.89 | 6683.67 | 0.78 | ppb |
| Antimony | 121-1 | 0.36 | 0.36 | 0.35 | 0.36 | 2.10 | ppb |
| Arsenic | 75-2 | 6.35 | 6.71 | 6.57 | 6.54 | 2.74 | ppb |
| Barium | 135-1 | 12.94 | 13.12 | 13.00 | 13.02 | 0.68 | ppb |
| Barium | 137-1 | 13.01 | 13.18 | 13.26 | 13.15 | 0.99 | ppb |
| Beryllium | 9-1 | 0.21 | 0.20 | 0.20 | 0.21 | 2.74 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.37 | 0.35 | 0.44 | 0.39 | 12.20 | ppb |
| Cadmium | 106-1 | 0.45 | 0.71 | 0.16 | 0.44 | 63.03 | ppb |
| Cadmium | 111-1 | 0.10 | 0.11 | 0.09 | 0.10 | 11.22 | ppb |
| Calcium | 43-1 | 4667.11 | 4726.73 | 4702.97 | 4698.94 | 0.64 | ppb |
| Calcium | 44-1 | 4511.62 | 4648.02 | 4700.59 | 4620.08 | 2.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 14.47 | 14.36 | 14.60 | 14.47 | 0.83 | ppb |
| Cobalt | 59-2 | 6.68 | 6.52 | 6.72 | 6.64 | 1.54 | ppb |
| Copper | 63-2 | 23.79 | 23.51 | 23.81 | 23.70 | 0.70 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 16877.40 | 16726.29 | 16896.88 | 16833.52 | 0.55 | ppb |
| Iron | 57-2 | 16930.78 | 16820.63 | 16756.44 | 16835.95 | 0.52 | ppb |
| Iron | 54-2 | 17085.82 | 16881.46 | 17171.64 | 17046.31 | 0.87 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:52:40 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5.37 | 5.46 | 5.45 | 5.43 | 0.89 | ppb |
| Lead | 207-1 | 5.07 | 5.09 | 5.21 | 5.12 | 1.43 | ppb |
| Lead | 208-1 | 5.23 | 5.21 | 5.19 | 5.21 | 0.41 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 4529.12 | 4497.17 | 4543.34 | 4523.21 | 0.52 | ppb |
| Manganese | 55-2 | 175.05 | 174.58 | 175.69 | 175.11 | 0.32 | ppb |
| Molybdenum | 94-1 | 10.14 | 10.38 | 10.37 | 10.30 | 1.29 | ppb |
| Molybdenum | 95-1 | 0.97 | 0.98 | 1.04 | 0.99 | 3.66 | ppb |
| Molybdenum | 96-1 | 2.16 | 2.12 | 2.12 | 2.13 | 1.13 | ppb |
| Molybdenum | 97-1 | 1.00 | 1.04 | 1.03 | 1.03 | 1.85 | ppb |
| Molybdenum | 98-1 | 0.99 | 1.03 | 1.05 | 1.03 | 2.98 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 13.67 | 13.93 | 13.86 | 13.82 | 0.99 | ppb |
| Phosphorus | 31-2 | 1348.47 | 1325.65 | 1363.62 | 1345.91 | 1.42 | ppb |
| Potassium | 39-2 | 1140.76 | 1125.41 | 1130.98 | 1132.39 | 0.69 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.53 | 0.38 | 0.51 | 0.47 | 17.74 | ppb |
| Selenium | 77-2 | 5.97 | 4.93 | 4.94 | 5.28 | 11.35 | ppb |
| Selenium | 78-2 | 0.97 | 0.54 | -0.51 | 0.33 | 229.78 | ppb |
| Silicon | 28-1 | 130.29 | 121.09 | 121.45 | 124.27 | 4.19 | ppb |
| Silver | 107-1 | 0.04 | 0.04 | 0.05 | 0.04 | 12.31 | ppb |
| Silver | 109-1 | 0.05 | 0.04 | 0.04 | 0.04 | 4.03 | ppb |
| Sodium | 23-2 | 6183.63 | 6142.65 | 6174.46 | 6166.92 | 0.35 | ppb |
| Strontium | 86-1 | 985.98 | 980.68 | 987.59 | 984.75 | 0.37 | ppb |
| Strontium | 88-1 | 961.83 | 993.73 | 1010.22 | 988.59 | 2.49 | ppb |
| Sulfur | 34-1 | 2534.67 | 2580.85 | 2677.14 | 2597.55 | 2.80 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.06 | 0.06 | 0.06 | 0.06 | 4.90 | ppb |
| Thallium | 205-1 | 0.06 | 0.06 | 0.06 | 0.06 | 7.32 | ppb |
| Tin | 118-1 | 0.62 | 0.62 | 0.64 | 0.63 | 1.85 | ppb |
| Titanium | 47-1 | 467.52 | 468.75 | 470.93 | 469.07 | 0.37 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:52:40 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.62 | 0.62 | 0.62 | 0.62 | 0.38 | ppb |
| Vanadium | 51-2 | 45.56 | 45.96 | 45.69 | 45.74 | 0.44 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 37.98 | 37.86 | 38.79 | 38.21 | 1.32 | ppb |
| Zirconium | 90-1 | 5.12 | 5.19 | 5.63 | 5.31 | 5.17 | ppb |
| Zirconium | 91-1 | 5.56 | 5.21 | 5.37 | 5.38 | 3.19 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:55:52 | DataFile Name : | 113CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50389.71 | 49997.02 | 50628.84 | 50338.52 | 0.63 | ppb |
| Antimony | 121-1 | 499.38 | 492.78 | 487.86 | 493.34 | 1.17 | ppb |
| Arsenic | 75-2 | 493.02 | 486.83 | 501.75 | 493.87 | 1.52 | ppb |
| Barium | 135-1 | 2501.66 | 2511.91 | 2437.92 | 2483.83 | 1.61 | ppb |
| Barium | 137-1 | 2483.86 | 2496.92 | 2463.03 | 2481.27 | 0.69 | ppb |
| Beryllium | 9-1 | 481.08 | 485.23 | 474.50 | 480.27 | 1.13 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 482.49 | 489.11 | 471.33 | 480.98 | 1.87 | ppb |
| Cadmium | 106-1 | 484.57 | 490.08 | 482.05 | 485.57 | 0.85 | ppb |
| Cadmium | 111-1 | 465.96 | 470.52 | 461.24 | 465.91 | 1.00 | ppb |
| Calcium | 43-1 | 252658.03 | 251167.41 | 258148.91 | 253991.45 | 1.45 | ppb |
| Calcium | 44-1 | 253087.94 | 252519.25 | 255766.70 | 253791.30 | 0.68 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 510.85 | 508.49 | 512.51 | 510.62 | 0.40 | ppb |
| Cobalt | 59-2 | 502.01 | 503.19 | 501.64 | 502.28 | 0.16 | ppb |
| Copper | 63-2 | 4949.86 | 4926.03 | 4962.73 | 4946.21 | 0.38 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 86 | | % |
| Iron | 56-2 | 130156.73 | 129794.07 | 129878.73 | 129943.18 | 0.15 | ppb |
| Iron | 57-2 | 130138.39 | 129413.06 | 130445.54 | 129999.00 | 0.41 | ppb |
| Iron | 54-2 | 129607.08 | 130569.46 | 131062.54 | 130413.03 | 0.57 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:55:52 | DataFile Name : | 113CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2606.70 | 2624.99 | 2617.67 | 2616.45 | 0.35 | ppb |
| Lead | 207-1 | 2570.72 | 2591.61 | 2584.67 | 2582.33 | 0.41 | ppb |
| Lead | 208-1 | 2577.99 | 2599.89 | 2584.88 | 2587.59 | 0.43 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 249646.64 | 249373.65 | 250933.05 | 249984.45 | 0.33 | ppb |
| Manganese | 55-2 | 5005.14 | 5001.73 | 5020.57 | 5009.15 | 0.20 | ppb |
| Molybdenum | 94-1 | 5013.08 | 5084.34 | 5072.82 | 5056.75 | 0.76 | ppb |
| Molybdenum | 95-1 | 4986.00 | 5061.81 | 5079.10 | 5042.30 | 0.98 | ppb |
| Molybdenum | 96-1 | 5011.63 | 5098.62 | 5099.17 | 5069.81 | 0.99 | ppb |
| Molybdenum | 97-1 | 5041.63 | 5118.91 | 5108.38 | 5089.64 | 0.82 | ppb |
| Molybdenum | 98-1 | 5056.05 | 5094.34 | 5106.95 | 5085.78 | 0.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 481.00 | 481.79 | 484.24 | 482.34 | 0.35 | ppb |
| Phosphorus | 31-2 | 9920.66 | 9797.13 | 9968.35 | 9895.38 | 0.89 | ppb |
| Potassium | 39-2 | 123794.18 | 123438.17 | 125157.84 | 124130.06 | 0.73 | ppb |
| Rhodium | 103-1 | | | | 87 | | % |
| Rhodium | 103-2 | | | | 85 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 478.24 | 482.30 | 487.28 | 482.61 | 0.94 | ppb |
| Selenium | 77-2 | 478.54 | 461.96 | 484.22 | 474.91 | 2.44 | ppb |
| Selenium | 78-2 | 467.75 | 473.25 | 488.21 | 476.40 | 2.22 | ppb |
| Silicon | 28-1 | 251.16 | 251.52 | 253.97 | 252.22 | 0.61 | ppb |
| Silver | 107-1 | 476.75 | 487.75 | 470.62 | 478.37 | 1.81 | ppb |
| Silver | 109-1 | 484.23 | 478.75 | 468.50 | 477.16 | 1.67 | ppb |
| Sodium | 23-2 | 251322.33 | 249942.40 | 253463.90 | 251576.21 | 0.71 | ppb |
| Strontium | 86-1 | 12528.63 | 12620.86 | 12794.11 | 12647.87 | 1.07 | ppb |
| Strontium | 88-1 | 12572.20 | 12660.86 | 12791.33 | 12674.80 | 0.87 | ppb |
| Sulfur | 34-1 | 10325.43 | 10283.67 | 10312.88 | 10307.33 | 0.21 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 518.89 | 521.72 | 525.17 | 521.92 | 0.60 | ppb |
| Thallium | 205-1 | 520.53 | 521.87 | 530.88 | 524.43 | 1.07 | ppb |
| Tin | 118-1 | 495.74 | 497.65 | 485.95 | 493.11 | 1.27 | ppb |
| Titanium | 47-1 | 4941.79 | 4988.69 | 4983.46 | 4971.31 | 0.52 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:55:52 | DataFile Name : | 113CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 514.89 | 520.31 | 517.89 | 517.70 | 0.52 | ppb |
| Vanadium | 51-2 | 513.29 | 503.38 | 519.46 | 512.04 | 1.58 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 87 | | % |
| Zinc | 66-2 | 4868.80 | 4829.10 | 4885.88 | 4861.26 | 0.60 | ppb |
| Zirconium | 90-1 | 505.13 | 509.63 | 510.88 | 508.55 | 0.59 | ppb |
| Zirconium | 91-1 | 503.31 | 516.88 | 516.58 | 512.26 | 1.51 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.10 | -0.07 | 0.00 | -0.06 | | ppb |
| Antimony | 121-1 | 0.05 | 0.04 | 0.02 | 0.04 | 29.60 | ppb |
| Arsenic | 75-2 | 0.03 | -0.01 | -0.02 | 0.00 | 701.93 | ppb |
| Barium | 135-1 | 0.02 | -0.01 | 0.00 | 0.01 | 244.90 | ppb |
| Barium | 137-1 | 0.01 | 0.00 | -0.01 | 0.00 | 640.07 | ppb |
| Beryllium | 9-1 | 0.01 | 0.03 | 0.00 | 0.01 | 153.71 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.02 | -0.03 | -0.03 | -0.01 | | ppb |
| Cadmium | 106-1 | 0.15 | -1.24 | -1.85 | -0.98 | | ppb |
| Cadmium | 111-1 | 0.01 | -0.03 | -0.04 | -0.02 | | ppb |
| Calcium | 43-1 | 0.09 | -0.07 | 0.25 | 0.09 | 176.52 | ppb |
| Calcium | 44-1 | 0.46 | -1.30 | -0.90 | -0.58 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.02 | 0.01 | 0.02 | 0.02 | 29.06 | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.06 | 0.07 | 0.07 | 0.07 | 5.50 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 0.24 | 0.21 | 0.73 | 0.40 | 74.19 | ppb |
| Iron | 57-2 | -0.09 | -0.32 | -1.51 | -0.64 | | ppb |
| Iron | 54-2 | -0.35 | 0.15 | 0.13 | -0.02 | | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.15 | 0.12 | 0.10 | 0.12 | 19.40 | ppb |
| Lead | 207-1 | 0.16 | 0.11 | 0.12 | 0.13 | 20.67 | ppb |
| Lead | 208-1 | 0.14 | 0.11 | 0.11 | 0.12 | 15.80 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | -0.27 | -0.22 | -0.36 | -0.29 | | ppb |
| Manganese | 55-2 | 0.04 | 0.06 | 0.07 | 0.06 | 22.11 | ppb |
| Molybdenum | 94-1 | 0.23 | 0.00 | 0.01 | 0.08 | 165.59 | ppb |
| Molybdenum | 95-1 | 0.15 | -0.01 | -0.01 | 0.05 | 197.80 | ppb |
| Molybdenum | 96-1 | 0.12 | 0.01 | 0.02 | 0.05 | 120.55 | ppb |
| Molybdenum | 97-1 | 0.12 | 0.02 | 0.00 | 0.05 | 130.84 | ppb |
| Molybdenum | 98-1 | 0.12 | 0.00 | 0.00 | 0.04 | 156.61 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.01 | -0.07 | -0.05 | -0.04 | | ppb |
| Phosphorus | 31-2 | -17.71 | -19.58 | -16.39 | -17.89 | | ppb |
| Potassium | 39-2 | 1.42 | 1.64 | 0.63 | 1.23 | 43.40 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.47 | 0.10 | -0.32 | 0.08 | 486.23 | ppb |
| Selenium | 77-2 | 0.17 | 0.00 | 0.00 | 0.06 | 173.21 | ppb |
| Selenium | 78-2 | -0.25 | -1.20 | -0.13 | -0.53 | | ppb |
| Silicon | 28-1 | -3.51 | -3.17 | -3.25 | -3.31 | | ppb |
| Silver | 107-1 | 0.01 | 0.00 | 0.00 | 0.01 | 101.71 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.00 | 0.01 | 28.37 | ppb |
| Sodium | 23-2 | 21.12 | 19.89 | 18.98 | 20.00 | 5.37 | ppb |
| Strontium | 86-1 | 3.09 | -0.17 | 0.12 | 1.01 | 178.28 | ppb |
| Strontium | 88-1 | 2.83 | 0.10 | 0.06 | 0.99 | 159.66 | ppb |
| Sulfur | 34-1 | -200.03 | -93.64 | -113.48 | -135.72 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Tin | 118-1 | 0.02 | 0.01 | 0.00 | 0.01 | 75.19 | ppb |
| Titanium | 47-1 | 0.03 | 0.02 | 0.02 | 0.02 | 35.42 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 106.51 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 292.83 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 0.15 | 0.10 | 0.10 | 0.12 | 26.35 | ppb |
| Zirconium | 90-1 | 0.03 | 0.00 | 0.00 | 0.01 | 215.51 | ppb |
| Zirconium | 91-1 | 0.03 | 0.02 | 0.01 | 0.02 | 58.69 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:36:11 | DataFile Name : | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 93 | 93 | 107 | 98 | 7.88 | cps |
| Antimony | 121-1 | 43 | 53 | 80 | 59 | 32.19 | cps |
| Arsenic | 75-2 | 23 | 20 | 10 | 18 | 39.03 | cps |
| Barium | 135-1 | 53 | 60 | 70 | 61 | 13.73 | cps |
| Barium | 137-1 | 103 | 57 | 93 | 84 | 29.09 | cps |
| Beryllium | 9-1 | 70 | 77 | 63 | 70 | 9.53 | cps |
| Bismuth | 209-1 | 9131764 | 9033573 | 9211849 | 9125729 | 0.98 | cps |
| Bismuth | 209-2 | 8064088 | 8035867 | 8027063 | 8042339 | 0.24 | cps |
| Bromine | 81-1 | 14791 | 15265 | 15131 | 15062 | 1.62 | cps |
| Bromine | 81-2 | 220 | 233 | 193 | 216 | 9.45 | cps |
| Cadmium | 108-1 | 3 | 17 | 17 | 12 | 63.01 | cps |
| Cadmium | 106-1 | 4681 | 4497 | 4227 | 4469 | 5.11 | cps |
| Cadmium | 111-1 | 951 | 911 | 864 | 909 | 4.78 | cps |
| Calcium | 43-1 | 237 | 223 | 183 | 214 | 12.94 | cps |
| Calcium | 44-1 | 6625 | 6521 | 6705 | 6617 | 1.39 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2377 | 2190 | 2240 | 2269 | 4.26 | cps |
| Cobalt | 59-2 | 203 | 180 | 183 | 189 | 6.68 | cps |
| Copper | 63-2 | 1073 | 1117 | 1007 | 1066 | 5.20 | cps |
| Dysprosium | 156-1 | 20 | 7 | 10 | 12 | 56.76 | cps |
| Dysprosium | 156-2 | 3 | 10 | 13 | 9 | 57.30 | cps |
| Erbium | 164-1 | 50 | 80 | 80 | 70 | 24.74 | cps |
| Erbium | 164-2 | 63 | 60 | 57 | 60 | 5.55 | cps |
| Gadolinium | 160-1 | 90 | 47 | 43 | 60 | 43.39 | cps |
| Gadolinium | 160-2 | 690 | 660 | 710 | 687 | 3.66 | cps |
| Holmium | 165-1 | 15265650 | 14953494 | 14930579 | 15049908 | 1.24 | cps |
| Holmium | 165-2 | 11287602 | 11340922 | 11277327 | 11301950 | 0.30 | cps |
| Indium | 115-1 | 12756206 | 12728040 | 12629533 | 12704593 | 0.52 | cps |
| Indium | 115-2 | 4991309 | 5007176 | 4977079 | 4991855 | 0.30 | cps |
| Iron | 56-2 | 21783 | 21749 | 23166 | 22233 | 3.64 | cps |
| Iron | 57-2 | 1133 | 1297 | 1323 | 1251 | 8.22 | cps |
| Iron | 54-2 | 2787 | 2867 | 2717 | 2790 | 2.69 | cps |
| Krypton | 83-1 | 230 | 243 | 197 | 223 | 10.76 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:36:11 | DataFile Name : | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 377 | 450 | 407 | 411 | 8.97 | cps |
| Lead | 207-1 | 387 | 330 | 353 | 357 | 7.99 | cps |
| Lead | 208-1 | 1577 | 1590 | 1527 | 1565 | 2.13 | cps |
| Lithium | 6-1 | 1953923 | 1951255 | 1957512 | 1954230 | 0.16 | cps |
| Magnesium | 24-2 | 963 | 920 | 1063 | 982 | 7.48 | cps |
| Manganese | 55-2 | 300 | 287 | 310 | 299 | 3.92 | cps |
| Molybdenum | 94-1 | 427 | 320 | 423 | 390 | 15.55 | cps |
| Molybdenum | 95-1 | 323 | 320 | 313 | 319 | 1.60 | cps |
| Molybdenum | 96-1 | 320 | 333 | 360 | 338 | 6.03 | cps |
| Molybdenum | 97-1 | 187 | 153 | 170 | 170 | 9.80 | cps |
| Molybdenum | 98-1 | 403 | 457 | 453 | 438 | 6.83 | cps |
| Neodymium | 150-1 | 7 | 7 | 7 | 7 | 0.00 | cps |
| Neodymium | 150-2 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Nickel | 60-2 | 727 | 673 | 710 | 703 | 3.88 | cps |
| Phosphorus | 31-2 | 160 | 197 | 157 | 171 | 12.97 | cps |
| Potassium | 39-2 | 57508 | 58817 | 57772 | 58032 | 1.19 | cps |
| Rhodium | 103-1 | 11798118 | 11924757 | 11782099 | 11834991 | 0.66 | cps |
| Rhodium | 103-2 | 7299053 | 7150658 | 7170799 | 7206837 | 1.12 | cps |
| Scandium | 45-1 | 7142726 | 7010433 | 7045090 | 7066083 | 0.97 | cps |
| Scandium | 45-2 | 651561 | 644270 | 640906 | 645579 | 0.84 | cps |
| Selenium | 82-1 | 113 | 94 | 177 | 128 | 34.19 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 487 | 450 | 503 | 480 | 5.68 | cps |
| Silicon | 28-1 | 672209 | 666941 | 675136 | 671428 | 0.62 | cps |
| Silver | 107-1 | 113 | 120 | 87 | 107 | 16.53 | cps |
| Silver | 109-1 | 53 | 60 | 47 | 53 | 12.50 | cps |
| Sodium | 23-2 | 20133 | 19569 | 19479 | 19727 | 1.80 | cps |
| Strontium | 86-1 | 343 | 350 | 323 | 339 | 4.10 | cps |
| Strontium | 88-1 | 170 | 163 | 183 | 172 | 5.91 | cps |
| Sulfur | 34-1 | 192635 | 189786 | 188480 | 190300 | 1.12 | cps |
| Terbium | 159-1 | 15646949 | 15540991 | 15483833 | 15557258 | 0.53 | cps |
| Terbium | 159-2 | 11321367 | 11037571 | 11044537 | 11134492 | 1.45 | cps |
| Thallium | 203-1 | 373 | 433 | 380 | 396 | 8.31 | cps |
| Thallium | 205-1 | 943 | 777 | 873 | 864 | 9.68 | cps |
| Tin | 118-1 | 1097 | 1190 | 1007 | 1098 | 8.35 | cps |
| Titanium | 47-1 | 63 | 70 | 67 | 67 | 5.00 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:36:11 | DataFile Name : | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20 | 7 | 10 | 12 | 56.76 | cps |
| Vanadium | 51-2 | 37 | 23 | 33 | 31 | 22.31 | cps |
| Yttrium | 89-1 | 19239131 | 19088925 | 19098314 | 19142123 | 0.44 | cps |
| Yttrium | 89-2 | 5609649 | 5540495 | 5491703 | 5547282 | 1.07 | cps |
| Zinc | 66-2 | 133 | 127 | 160 | 140 | 12.60 | cps |
| Zirconium | 90-1 | 773 | 770 | 737 | 760 | 2.67 | cps |
| Zirconium | 91-1 | 147 | 143 | 90 | 127 | 25.11 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 917 | 913 | 870 | 900 | 2.89 | cps |
| Antimony | 121-1 | 2694 | 2817 | 2870 | 2794 | 3.24 | cps |
| Arsenic | 75-2 | 90 | 117 | 87 | 98 | 16.82 | cps |
| Barium | 135-1 | 3397 | 3384 | 3344 | 3375 | 0.82 | cps |
| Barium | 137-1 | 5835 | 5768 | 5735 | 5779 | 0.88 | cps |
| Beryllium | 9-1 | 277 | 260 | 237 | 258 | 7.79 | cps |
| Bismuth | 209-1 | 9456182 | 8953634 | 9486630 | 9298815 | 3.22 | cps |
| Bismuth | 209-2 | 8149500 | 8167898 | 8176764 | 8164721 | 0.17 | cps |
| Bromine | 81-1 | 15218 | 15195 | 15625 | 15346 | 1.58 | cps |
| Bromine | 81-2 | 170 | 200 | 147 | 172 | 15.52 | cps |
| Cadmium | 108-1 | 53 | 23 | 50 | 42 | 38.95 | cps |
| Cadmium | 106-1 | 4924 | 4511 | 4621 | 4685 | 4.57 | cps |
| Cadmium | 111-1 | Rejected | Rejected | Rejected | | | cps |
| Calcium | 43-1 | 2073 | 2167 | 2150 | 2130 | 2.34 | cps |
| Calcium | 44-1 | 37249 | 37994 | 37790 | 37678 | 1.02 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3317 | 3427 | 3367 | 3370 | 1.63 | cps |
| Cobalt | 59-2 | 1193 | 1170 | 1083 | 1149 | 5.05 | cps |
| Copper | 63-2 | 2320 | 2450 | 2304 | 2358 | 3.41 | cps |
| Dysprosium | 156-1 | 17 | 3 | 10 | 10 | 66.70 | cps |
| Dysprosium | 156-2 | 0 | 13 | 7 | 7 | 99.98 | cps |
| Erbium | 164-1 | 80 | 70 | 77 | 76 | 6.74 | cps |
| Erbium | 164-2 | 50 | 43 | 60 | 51 | 16.42 | cps |
| Gadolinium | 160-1 | 43 | 70 | 40 | 51 | 32.17 | cps |
| Gadolinium | 160-2 | 740 | 670 | 703 | 704 | 4.97 | cps |
| Holmium | 165-1 | 15742321 | 14765151 | 15793390 | 15433621 | 3.75 | cps |
| Holmium | 165-2 | 11499469 | 11400437 | 11464679 | 11454861 | 0.44 | cps |
| Indium | 115-1 | 13023861 | 12206551 | 13297645 | 12842686 | 4.42 | cps |
| Indium | 115-2 | 5119088 | 5103793 | 5102086 | 5108322 | 0.18 | cps |
| Iron | 56-2 | 49535 | 49772 | 48973 | 49426 | 0.83 | cps |
| Iron | 57-2 | 2007 | 2067 | 1960 | 2011 | 2.66 | cps |
| Iron | 54-2 | 4567 | 4431 | 4374 | 4457 | 2.23 | cps |
| Krypton | 83-1 | 183 | 267 | 217 | 222 | 18.87 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1447 | 1290 | 1343 | 1360 | 5.86 | cps |
| Lead | 207-1 | 1197 | 1157 | 1170 | 1175 | 1.73 | cps |
| Lead | 208-1 | 5294 | 5350 | 5390 | 5345 | 0.91 | cps |
| Lithium | 6-1 | 2027678 | 1850533 | 2045731 | 1974647 | 5.46 | cps |
| Magnesium | 24-2 | 26900 | 27414 | 27007 | 27107 | 1.00 | cps |
| Manganese | 55-2 | 707 | 787 | 807 | 767 | 6.90 | cps |
| Molybdenum | 94-1 | 3007 | 3077 | 2964 | 3016 | 1.90 | cps |
| Molybdenum | 95-1 | 3547 | 3597 | 3674 | 3606 | 1.77 | cps |
| Molybdenum | 96-1 | 4067 | 3994 | 4121 | 4061 | 1.57 | cps |
| Molybdenum | 97-1 | 2327 | 2327 | 2114 | 2256 | 5.46 | cps |
| Molybdenum | 98-1 | 5708 | 5745 | 5351 | 5601 | 3.88 | cps |
| Neodymium | 150-1 | 10 | 13 | 7 | 10 | 33.30 | cps |
| Neodymium | 150-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Nickel | 60-2 | 900 | 1010 | 897 | 936 | 6.89 | cps |
| Phosphorus | 31-2 | 237 | 213 | 210 | 220 | 6.60 | cps |
| Potassium | 39-2 | 93796 | 94709 | 93974 | 94160 | 0.51 | cps |
| Rhodium | 103-1 | 12296483 | 11522907 | 12455090 | 12091493 | 4.12 | cps |
| Rhodium | 103-2 | 7435887 | 7475872 | 7415517 | 7442425 | 0.41 | cps |
| Scandium | 45-1 | 7252525 | 6844872 | 7380866 | 7159421 | 3.91 | cps |
| Scandium | 45-2 | 662709 | 661617 | 663338 | 662554 | 0.13 | cps |
| Selenium | 82-1 | 271 | 209 | 195 | 225 | 18.09 | cps |
| Selenium | 77-2 | 17 | 17 | 3 | 12 | 63.01 | cps |
| Selenium | 78-2 | 543 | 477 | 580 | 533 | 9.82 | cps |
| Silicon | 28-1 | 702944 | 704356 | 696408 | 701236 | 0.60 | cps |
| Silver | 107-1 | 1753 | 1630 | 1593 | 1659 | 5.05 | cps |
| Silver | 109-1 | 1533 | 1650 | 1603 | 1596 | 3.68 | cps |
| Sodium | 23-2 | 59983 | 59100 | 58849 | 59310 | 1.00 | cps |
| Strontium | 86-1 | 747 | 800 | 797 | 781 | 3.82 | cps |
| Strontium | 88-1 | 3911 | 3901 | 3917 | 3909 | 0.21 | cps |
| Sulfur | 34-1 | 193788 | 193377 | 192807 | 193324 | 0.26 | cps |
| Terbium | 159-1 | 15986625 | 15176078 | 16054636 | 15739113 | 3.11 | cps |
| Terbium | 159-2 | 11376684 | 11326624 | 11342848 | 11348718 | 0.23 | cps |
| Thallium | 203-1 | 1590 | 1533 | 1450 | 1525 | 4.62 | cps |
| Thallium | 205-1 | 3474 | 3571 | 3611 | 3552 | 1.98 | cps |
| Tin | 118-1 | 6905 | 6885 | 6798 | 6863 | 0.83 | cps |
| Titanium | 47-1 | 957 | 987 | 923 | 956 | 3.32 | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3307 | 3354 | 3430 | 3364 | 1.85 | cps |
| Vanadium | 51-2 | 2674 | 2497 | 2470 | 2547 | 4.34 | cps |
| Yttrium | 89-1 | 20017340 | 18564929 | 19958701 | 19513657 | 4.21 | cps |
| Yttrium | 89-2 | 5741092 | 5635993 | 5698005 | 5691696 | 0.93 | cps |
| Zinc | 66-2 | 680 | 757 | 793 | 743 | 7.78 | cps |
| Zirconium | 90-1 | 2814 | 2760 | 3070 | 2881 | 5.75 | cps |
| Zirconium | 91-1 | 583 | 563 | 597 | 581 | 2.89 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:49:33 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6535 | 6435 | 6355 | 6441 | 1.40 | cps |
| Antimony | 121-1 | 26024 | 26571 | 26878 | 26491 | 1.63 | cps |
| Arsenic | 75-2 | 807 | 963 | 863 | 878 | 9.04 | cps |
| Barium | 135-1 | 33376 | 33259 | 33610 | 33415 | 0.53 | cps |
| Barium | 137-1 | 57455 | 57348 | 57559 | 57454 | 0.18 | cps |
| Beryllium | 9-1 | 1757 | 1847 | 1760 | 1788 | 2.85 | cps |
| Bismuth | 209-1 | 9486109 | 9178654 | 9202421 | 9289061 | 1.84 | cps |
| Bismuth | 209-2 | 8212103 | 8293291 | 8163049 | 8222814 | 0.80 | cps |
| Bromine | 81-1 | 15548 | 15972 | 15492 | 15671 | 1.68 | cps |
| Bromine | 81-2 | 170 | 180 | 193 | 181 | 6.47 | cps |
| Cadmium | 108-1 | 287 | 260 | 300 | 282 | 7.22 | cps |
| Cadmium | 106-1 | 5151 | 5104 | 5101 | 5119 | 0.55 | cps |
| Cadmium | 111-1 | 4602 | 4798 | 4571 | 4657 | 2.64 | cps |
| Calcium | 43-1 | 18585 | 18628 | 18458 | 18557 | 0.48 | cps |
| Calcium | 44-1 | 307246 | 307744 | 309634 | 308208 | 0.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 14020 | 13750 | 13396 | 13722 | 2.28 | cps |
| Cobalt | 59-2 | 9476 | 9563 | 9396 | 9479 | 0.88 | cps |
| Copper | 63-2 | 13653 | 13149 | 13206 | 13336 | 2.07 | cps |
| Dysprosium | 156-1 | 20 | 20 | 7 | 16 | 49.47 | cps |
| Dysprosium | 156-2 | 0 | 7 | 10 | 6 | 91.64 | cps |
| Erbium | 164-1 | 53 | 50 | 83 | 62 | 29.50 | cps |
| Erbium | 164-2 | 47 | 57 | 40 | 48 | 17.56 | cps |
| Gadolinium | 160-1 | 63 | 37 | 77 | 59 | 34.58 | cps |
| Gadolinium | 160-2 | 770 | 660 | 743 | 724 | 7.92 | cps |
| Holmium | 165-1 | 15681090 | 15426580 | 15453649 | 15520440 | 0.90 | cps |
| Holmium | 165-2 | 11462868 | 11406479 | 11495199 | 11454849 | 0.39 | cps |
| Indium | 115-1 | 13313442 | 12882728 | 13023658 | 13073276 | 1.68 | cps |
| Indium | 115-2 | 5116177 | 5022182 | 5121057 | 5086472 | 1.10 | cps |
| Iron | 56-2 | 302661 | 302430 | 302243 | 302445 | 0.07 | cps |
| Iron | 57-2 | 8456 | 8716 | 8686 | 8619 | 1.65 | cps |
| Iron | 54-2 | 18608 | 18471 | 18361 | 18480 | 0.67 | cps |
| Krypton | 83-1 | 213 | 187 | 213 | 204 | 7.53 | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:49:33 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9827 | 10034 | 9880 | 9914 | 1.08 | cps |
| Lead | 207-1 | 8990 | 8559 | 8716 | 8755 | 2.49 | cps |
| Lead | 208-1 | 39139 | 39496 | 39927 | 39521 | 1.00 | cps |
| Lithium | 6-1 | 2033785 | 2008596 | 1982229 | 2008204 | 1.28 | cps |
| Magnesium | 24-2 | 260937 | 263547 | 259754 | 261413 | 0.74 | cps |
| Manganese | 55-2 | 4951 | 4797 | 4834 | 4861 | 1.65 | cps |
| Molybdenum | 94-1 | 26494 | 27937 | 27659 | 27363 | 2.80 | cps |
| Molybdenum | 95-1 | 33832 | 33729 | 33465 | 33675 | 0.56 | cps |
| Molybdenum | 96-1 | 37678 | 37351 | 37017 | 37349 | 0.89 | cps |
| Molybdenum | 97-1 | 21309 | 20875 | 21095 | 21093 | 1.03 | cps |
| Molybdenum | 98-1 | 53200 | 53842 | 53414 | 53485 | 0.61 | cps |
| Neodymium | 150-1 | 7 | 3 | 7 | 6 | 34.70 | cps |
| Neodymium | 150-2 | 3 | 7 | 0 | 3 | 100.05 | cps |
| Nickel | 60-2 | 3017 | 3037 | 2820 | 2958 | 4.05 | cps |
| Phosphorus | 31-2 | 753 | 790 | 680 | 741 | 7.56 | cps |
| Potassium | 39-2 | 405512 | 412028 | 409752 | 409097 | 0.81 | cps |
| Rhodium | 103-1 | 12315941 | 12163001 | 12083434 | 12187459 | 0.97 | cps |
| Rhodium | 103-2 | 7465696 | 7378392 | 7418973 | 7421020 | 0.59 | cps |
| Scandium | 45-1 | 7402054 | 7325874 | 7238693 | 7322207 | 1.12 | cps |
| Scandium | 45-2 | 661544 | 656295 | 666245 | 661362 | 0.75 | cps |
| Selenium | 82-1 | 1226 | 1224 | 1168 | 1206 | 2.74 | cps |
| Selenium | 77-2 | 147 | 103 | 103 | 118 | 21.25 | cps |
| Selenium | 78-2 | 950 | 1000 | 963 | 971 | 2.67 | cps |
| Silicon | 28-1 | 736076 | 733534 | 726947 | 732186 | 0.64 | cps |
| Silver | 107-1 | 17187 | 16750 | 16636 | 16858 | 1.72 | cps |
| Silver | 109-1 | 15926 | 15829 | 16476 | 16077 | 2.17 | cps |
| Sodium | 23-2 | 413382 | 415753 | 410704 | 413280 | 0.61 | cps |
| Strontium | 86-1 | 4734 | 4487 | 4794 | 4672 | 3.48 | cps |
| Strontium | 88-1 | 37568 | 37518 | 37240 | 37442 | 0.47 | cps |
| Sulfur | 34-1 | 196972 | 199379 | 199785 | 198712 | 0.77 | cps |
| Terbium | 159-1 | 16122965 | 15706885 | 15874789 | 15901546 | 1.32 | cps |
| Terbium | 159-2 | 11340500 | 11310758 | 11415947 | 11355735 | 0.48 | cps |
| Thallium | 203-1 | 12446 | 12189 | 12666 | 12434 | 1.92 | cps |
| Thallium | 205-1 | 28754 | 29241 | 29255 | 29083 | 0.98 | cps |
| Tin | 118-1 | 57196 | 57106 | 56326 | 56876 | 0.84 | cps |
| Titanium | 47-1 | 8656 | 8573 | 8552 | 8594 | 0.64 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:49:33 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 34311 | 35043 | 34077 | 34477 | 1.46 | cps |
| Vanadium | 51-2 | 25632 | 25732 | 25926 | 25763 | 0.58 | cps |
| Yttrium | 89-1 | 20094285 | 19767039 | 19771489 | 19877604 | 0.94 | cps |
| Yttrium | 89-2 | 5723176 | 5629830 | 5627271 | 5660092 | 0.97 | cps |
| Zinc | 66-2 | 5591 | 5838 | 5701 | 5710 | 2.17 | cps |
| Zirconium | 90-1 | 22658 | 22858 | 22384 | 22633 | 1.05 | cps |
| Zirconium | 91-1 | 4784 | 5238 | 5034 | 5019 | 4.53 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 306350 | 303568 | 301077 | 303665 | 0.87 | cps |
| Antimony | 121-1 | 647435 | 641523 | 640147 | 643035 | 0.60 | cps |
| Arsenic | 75-2 | 35954 | 35152 | 35422 | 35509 | 1.15 | cps |
| Barium | 135-1 | 806014 | 810009 | 808797 | 808273 | 0.25 | cps |
| Barium | 137-1 | 1401090 | 1412636 | 1412386 | 1408704 | 0.47 | cps |
| Beryllium | 9-1 | 83563 | 83124 | 84140 | 83609 | 0.61 | cps |
| Bismuth | 209-1 | 9439158 | 9236199 | 9329624 | 9334993 | 1.09 | cps |
| Bismuth | 209-2 | 8091373 | 7985148 | 8033723 | 8036748 | 0.66 | cps |
| Bromine | 81-1 | 15241 | 15201 | 15101 | 15181 | 0.48 | cps |
| Bromine | 81-2 | 120 | 107 | 120 | 116 | 6.66 | cps |
| Cadmium | 108-1 | 12806 | 12649 | 12732 | 12729 | 0.62 | cps |
| Cadmium | 106-1 | 23149 | 22925 | 22431 | 22835 | 1.61 | cps |
| Cadmium | 111-1 | 172723 | 174341 | 173295 | 173453 | 0.47 | cps |
| Calcium | 43-1 | 181083 | 181433 | 181724 | 181413 | 0.18 | cps |
| Calcium | 44-1 | 2837734 | 2839949 | 2809380 | 2829021 | 0.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 268527 | 267478 | 264705 | 266903 | 0.74 | cps |
| Cobalt | 59-2 | 418958 | 416737 | 412844 | 416180 | 0.74 | cps |
| Copper | 63-2 | 3163606 | 3112397 | 3060073 | 3112025 | 1.66 | cps |
| Dysprosium | 156-1 | 57 | 23 | 10 | 30 | 80.13 | cps |
| Dysprosium | 156-2 | 40 | 37 | 67 | 48 | 34.42 | cps |
| Erbium | 164-1 | 70 | 73 | 60 | 68 | 10.24 | cps |
| Erbium | 164-2 | 60 | 83 | 47 | 63 | 29.30 | cps |
| Gadolinium | 160-1 | 63 | 63 | 50 | 59 | 13.07 | cps |
| Gadolinium | 160-2 | 807 | 690 | 687 | 728 | 9.39 | cps |
| Holmium | 165-1 | 15491547 | 15443756 | 15452124 | 15462476 | 0.17 | cps |
| Holmium | 165-2 | 11330628 | 11319324 | 11216822 | 11288924 | 0.56 | cps |
| Indium | 115-1 | 13011305 | 12779922 | 12908581 | 12899936 | 0.90 | cps |
| Indium | 115-2 | 4976110 | 4942335 | 4887946 | 4935463 | 0.90 | cps |
| Iron | 56-2 | 13040478 | 12802816 | 12804764 | 12882686 | 1.06 | cps |
| Iron | 57-2 | 326980 | 325537 | 323731 | 325416 | 0.50 | cps |
| Iron | 54-2 | 718535 | 715816 | 711590 | 715314 | 0.49 | cps |
| Krypton | 83-1 | 207 | 217 | 197 | 207 | 4.84 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2424779 | 2459261 | 2418851 | 2434297 | 0.90 | cps |
| Lead | 207-1 | 2190140 | 2154000 | 2136043 | 2160061 | 1.28 | cps |
| Lead | 208-1 | 9901716 | 9869351 | 9829993 | 9867020 | 0.36 | cps |
| Lithium | 6-1 | 2041563 | 2033517 | 2025932 | 2033671 | 0.38 | cps |
| Magnesium | 24-2 | 2454057 | 2447745 | 2425181 | 2442328 | 0.62 | cps |
| Manganese | 55-2 | 2235034 | 2237448 | 2196496 | 2222992 | 1.03 | cps |
| Molybdenum | 94-1 | 2293326 | 2264041 | 2227606 | 2261658 | 1.46 | cps |
| Molybdenum | 95-1 | 3337545 | 3274574 | 3267166 | 3293095 | 1.17 | cps |
| Molybdenum | 96-1 | 3612314 | 3614152 | 3575502 | 3600656 | 0.61 | cps |
| Molybdenum | 97-1 | 2065230 | 2049402 | 2071305 | 2061979 | 0.55 | cps |
| Molybdenum | 98-1 | 5279324 | 5257122 | 5239816 | 5258754 | 0.38 | cps |
| Neodymium | 150-1 | 40 | 50 | 73 | 54 | 31.42 | cps |
| Neodymium | 150-2 | 23 | 13 | 10 | 16 | 44.60 | cps |
| Nickel | 60-2 | 108307 | 106803 | 106897 | 107336 | 0.78 | cps |
| Phosphorus | 31-2 | 14954 | 15301 | 14704 | 14986 | 2.00 | cps |
| Potassium | 39-2 | 1677848 | 1651547 | 1671172 | 1666855 | 0.82 | cps |
| Rhodium | 103-1 | 12044239 | 12078487 | 12033309 | 12052011 | 0.20 | cps |
| Rhodium | 103-2 | 7166957 | 7105953 | 7109567 | 7127492 | 0.48 | cps |
| Scandium | 45-1 | 7237446 | 7273995 | 7030389 | 7180610 | 1.83 | cps |
| Scandium | 45-2 | 636492 | 630432 | 626717 | 631213 | 0.78 | cps |
| Selenium | 82-1 | 10584 | 10875 | 10766 | 10742 | 1.37 | cps |
| Selenium | 77-2 | 1250 | 1183 | 1180 | 1205 | 3.28 | cps |
| Selenium | 78-2 | 4441 | 4227 | 4491 | 4386 | 3.19 | cps |
| Silicon | 28-1 | 2654868 | 2648095 | 2620578 | 2641180 | 0.69 | cps |
| Silver | 107-1 | 856844 | 855048 | 858034 | 856642 | 0.18 | cps |
| Silver | 109-1 | 816651 | 820894 | 819108 | 818884 | 0.26 | cps |
| Sodium | 23-2 | 4014477 | 4025197 | 3974843 | 4004839 | 0.66 | cps |
| Strontium | 86-1 | 203456 | 205162 | 202908 | 203842 | 0.58 | cps |
| Strontium | 88-1 | 1844954 | 1832203 | 1836769 | 1837975 | 0.35 | cps |
| Sulfur | 34-1 | 242951 | 241296 | 239038 | 241095 | 0.81 | cps |
| Terbium | 159-1 | 16018171 | 16147356 | 15703224 | 15956250 | 1.43 | cps |
| Terbium | 159-2 | 11259722 | 11088682 | 11156880 | 11168428 | 0.77 | cps |
| Thallium | 203-1 | 588896 | 590748 | 591323 | 590322 | 0.21 | cps |
| Thallium | 205-1 | 1391369 | 1403344 | 1390565 | 1395093 | 0.51 | cps |
| Tin | 118-1 | 536611 | 535828 | 538126 | 536855 | 0.22 | cps |
| Titanium | 47-1 | 810958 | 812076 | 803572 | 808869 | 0.57 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1804226 | 1851203 | 1826494 | 1827308 | 1.29 | cps |
| Vanadium | 51-2 | 235601 | 232074 | 230933 | 232869 | 1.04 | cps |
| Yttrium | 89-1 | 19636444 | 19610148 | 19434413 | 19560335 | 0.56 | cps |
| Yttrium | 89-2 | 5498974 | 5473511 | 5430343 | 5467609 | 0.63 | cps |
| Zinc | 66-2 | 528331 | 526936 | 524057 | 526442 | 0.41 | cps |
| Zirconium | 90-1 | 1090245 | 1095985 | 1080224 | 1088818 | 0.73 | cps |
| Zirconium | 91-1 | 240670 | 242559 | 241248 | 241492 | 0.40 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:55:56 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 692164 | 682843 | 678420 | 684476 | 1.02 | cps |
| Antimony | 121-1 | 1509830 | 1507022 | 1498891 | 1505248 | 0.38 | cps |
| Arsenic | 75-2 | 80915 | 79645 | 79799 | 80120 | 0.87 | cps |
| Barium | 135-1 | 1989352 | 1995352 | 2009320 | 1998008 | 0.51 | cps |
| Barium | 137-1 | 3435986 | 3418353 | 3417008 | 3423783 | 0.31 | cps |
| Beryllium | 9-1 | 196535 | 196101 | 195162 | 195933 | 0.36 | cps |
| Bismuth | 209-1 | 9469585 | 9515163 | 9402279 | 9462342 | 0.60 | cps |
| Bismuth | 209-2 | 7962609 | 7995804 | 8032724 | 7997046 | 0.44 | cps |
| Bromine | 81-1 | 14097 | 13990 | 13700 | 13929 | 1.48 | cps |
| Bromine | 81-2 | 163 | 127 | 150 | 147 | 12.65 | cps |
| Cadmium | 108-1 | 29724 | 29727 | 29547 | 29666 | 0.35 | cps |
| Cadmium | 106-1 | 45758 | 46808 | 45772 | 46113 | 1.31 | cps |
| Cadmium | 111-1 | 405018 | 401911 | 403174 | 403368 | 0.39 | cps |
| Calcium | 43-1 | 413882 | 411533 | 410024 | 411813 | 0.47 | cps |
| Calcium | 44-1 | 6580328 | 6445221 | 6358553 | 6461367 | 1.73 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 602440 | 595184 | 592700 | 596775 | 0.85 | cps |
| Cobalt | 59-2 | 938567 | 940115 | 930103 | 936261 | 0.58 | cps |
| Copper | 63-2 | 7037205 | 6913808 | 6864882 | 6938632 | 1.28 | cps |
| Dysprosium | 156-1 | 27 | 70 | 60 | 52 | 43.44 | cps |
| Dysprosium | 156-2 | 127 | 127 | 97 | 117 | 14.85 | cps |
| Erbium | 164-1 | 93 | 77 | 123 | 98 | 24.18 | cps |
| Erbium | 164-2 | 70 | 70 | 60 | 67 | 8.66 | cps |
| Gadolinium | 160-1 | 57 | 70 | 100 | 76 | 29.37 | cps |
| Gadolinium | 160-2 | 583 | 690 | 723 | 666 | 10.99 | cps |
| Holmium | 165-1 | 15348346 | 15516043 | 15046235 | 15303541 | 1.56 | cps |
| Holmium | 165-2 | 11182089 | 11167906 | 11250735 | 11200243 | 0.40 | cps |
| Indium | 115-1 | 12653148 | 12558299 | 12264771 | 12492073 | 1.62 | cps |
| Indium | 115-2 | 4738038 | 4751175 | 4782928 | 4757380 | 0.49 | cps |
| Iron | 56-2 | 29123194 | 28661363 | 28652099 | 28812218 | 0.93 | cps |
| Iron | 57-2 | 735983 | 732925 | 724473 | 731127 | 0.82 | cps |
| Iron | 54-2 | 1595973 | 1590185 | 1592228 | 1592795 | 0.18 | cps |
| Krypton | 83-1 | 213 | 183 | 207 | 201 | 7.83 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:55:56 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5978703 | 6060860 | 5876452 | 5972005 | 1.55 | cps |
| Lead | 207-1 | 5338298 | 5260327 | 5241984 | 5280203 | 0.97 | cps |
| Lead | 208-1 | 24107378 | 24094622 | 23898138 | 24033379 | 0.49 | cps |
| Lithium | 6-1 | 2011811 | 2002339 | 1970540 | 1994897 | 1.08 | cps |
| Magnesium | 24-2 | 5426707 | 5425887 | 5409764 | 5420786 | 0.18 | cps |
| Manganese | 55-2 | 4973627 | 4980282 | 4945629 | 4966512 | 0.37 | cps |
| Molybdenum | 94-1 | 5334112 | 5276586 | 5142370 | 5251023 | 1.87 | cps |
| Molybdenum | 95-1 | 7739145 | 7749159 | 7496458 | 7661587 | 1.87 | cps |
| Molybdenum | 96-1 | 8461141 | 8452065 | 8329500 | 8414235 | 0.87 | cps |
| Molybdenum | 97-1 | 4816988 | 4781521 | 4716497 | 4771669 | 1.07 | cps |
| Molybdenum | 98-1 | 12411351 | 12308803 | 12207323 | 12309159 | 0.83 | cps |
| Neodymium | 150-1 | 90 | 97 | 110 | 99 | 10.30 | cps |
| Neodymium | 150-2 | 30 | 33 | 20 | 28 | 24.98 | cps |
| Nickel | 60-2 | 239674 | 234708 | 234549 | 236310 | 1.23 | cps |
| Phosphorus | 31-2 | 33330 | 33647 | 32324 | 33100 | 2.09 | cps |
| Potassium | 39-2 | 3667850 | 3610258 | 3612431 | 3630180 | 0.90 | cps |
| Rhodium | 103-1 | 11543996 | 11552031 | 11352878 | 11482969 | 0.98 | cps |
| Rhodium | 103-2 | 6857603 | 6834778 | 6850164 | 6847515 | 0.17 | cps |
| Scandium | 45-1 | 6886900 | 6743943 | 6719026 | 6783290 | 1.34 | cps |
| Scandium | 45-2 | 592719 | 591801 | 590737 | 591752 | 0.17 | cps |
| Selenium | 82-1 | 24055 | 24622 | 24306 | 24328 | 1.17 | cps |
| Selenium | 77-2 | 2684 | 2727 | 2570 | 2660 | 3.04 | cps |
| Selenium | 78-2 | 9173 | 9623 | 9170 | 9322 | 2.80 | cps |
| Silicon | 28-1 | 4777135 | 4747512 | 4658707 | 4727785 | 1.30 | cps |
| Silver | 107-1 | 2044688 | 2012038 | 2030115 | 2028947 | 0.81 | cps |
| Silver | 109-1 | 1982468 | 1932517 | 1944922 | 1953302 | 1.33 | cps |
| Sodium | 23-2 | 8920565 | 8871664 | 8852958 | 8881729 | 0.39 | cps |
| Strontium | 86-1 | 476528 | 477714 | 469254 | 474499 | 0.97 | cps |
| Strontium | 88-1 | 4230890 | 4262729 | 4274236 | 4255952 | 0.53 | cps |
| Sulfur | 34-1 | 292814 | 286374 | 285448 | 288212 | 1.39 | cps |
| Terbium | 159-1 | 16038750 | 15712669 | 15636546 | 15795988 | 1.35 | cps |
| Terbium | 159-2 | 11060949 | 10951272 | 11091743 | 11034654 | 0.67 | cps |
| Thallium | 203-1 | 1415424 | 1431940 | 1422355 | 1423240 | 0.58 | cps |
| Thallium | 205-1 | 3551998 | 3568050 | 3528948 | 3549665 | 0.55 | cps |
| Tin | 118-1 | 1255960 | 1252257 | 1253665 | 1253960 | 0.15 | cps |
| Titanium | 47-1 | 1914666 | 1907579 | 1861123 | 1894456 | 1.54 | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:55:56 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4508157 | 4468252 | 4501249 | 4492553 | 0.47 | cps |
| Vanadium | 51-2 | 527191 | 522149 | 519017 | 522786 | 0.79 | cps |
| Yttrium | 89-1 | 18878254 | 18987722 | 19038470 | 18968148 | 0.43 | cps |
| Yttrium | 89-2 | 5218074 | 5209614 | 5186481 | 5204723 | 0.31 | cps |
| Zinc | 66-2 | 1199279 | 1183307 | 1180691 | 1187759 | 0.85 | cps |
| Zirconium | 90-1 | 2597363 | 2641253 | 2635114 | 2624576 | 0.91 | cps |
| Zirconium | 91-1 | 561751 | 560436 | 558483 | 560223 | 0.29 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:58:53 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1373307 | 1338119 | 1320595 | 1344007 | 2.00 | cps |
| Antimony | 121-1 | 3003982 | 3020322 | 3058138 | 3027481 | 0.92 | cps |
| Arsenic | 75-2 | 151844 | 150726 | 150430 | 151000 | 0.49 | cps |
| Barium | 135-1 | 3875828 | 3821566 | 3881189 | 3859528 | 0.85 | cps |
| Barium | 137-1 | 6659274 | 6723540 | 6731334 | 6704716 | 0.59 | cps |
| Beryllium | 9-1 | 374396 | 379553 | 379564 | 377838 | 0.79 | cps |
| Bismuth | 209-1 | 9693085 | 9382965 | 9386212 | 9487421 | 1.88 | cps |
| Bismuth | 209-2 | 7838091 | 7856676 | 7876135 | 7856967 | 0.24 | cps |
| Bromine | 81-1 | 12742 | 12272 | 12946 | 12653 | 2.73 | cps |
| Bromine | 81-2 | 113 | 100 | 127 | 113 | 11.77 | cps |
| Cadmium | 108-1 | 56757 | 58367 | 57293 | 57472 | 1.43 | cps |
| Cadmium | 106-1 | 82720 | 84927 | 84913 | 84187 | 1.51 | cps |
| Cadmium | 111-1 | 772461 | 787953 | 778674 | 779696 | 1.00 | cps |
| Calcium | 43-1 | 775836 | 782346 | 777150 | 778444 | 0.44 | cps |
| Calcium | 44-1 | 12202681 | 12285944 | 12267776 | 12252134 | 0.36 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1117081 | 1110615 | 1106341 | 1111346 | 0.49 | cps |
| Cobalt | 59-2 | 1798790 | 1795732 | 1783086 | 1792536 | 0.46 | cps |
| Copper | 63-2 | 13063365 | 12912648 | 12907873 | 12961295 | 0.68 | cps |
| Dysprosium | 156-1 | 47 | 77 | 87 | 70 | 29.74 | cps |
| Dysprosium | 156-2 | 197 | 190 | 240 | 209 | 13.00 | cps |
| Erbium | 164-1 | 80 | 107 | 130 | 106 | 23.70 | cps |
| Erbium | 164-2 | 77 | 93 | 57 | 76 | 24.29 | cps |
| Gadolinium | 160-1 | 73 | 100 | 73 | 82 | 18.73 | cps |
| Gadolinium | 160-2 | 677 | 647 | 730 | 684 | 6.17 | cps |
| Holmium | 165-1 | 15751947 | 15234272 | 15226762 | 15404327 | 1.95 | cps |
| Holmium | 165-2 | 11202677 | 11041404 | 10998969 | 11081017 | 0.97 | cps |
| Indium | 115-1 | 12515355 | 12110332 | 12105720 | 12243802 | 1.92 | cps |
| Indium | 115-2 | 4554356 | 4506912 | 4516805 | 4526024 | 0.55 | cps |
| Iron | 56-2 | 54338144 | 54337774 | 53790656 | 54155525 | 0.58 | cps |
| Iron | 57-2 | 1389130 | 1347334 | 1356330 | 1364265 | 1.61 | cps |
| Iron | 54-2 | 3028513 | 2954562 | 2972438 | 2985171 | 1.29 | cps |
| Krypton | 83-1 | 153 | 203 | 223 | 193 | 18.65 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:58:53 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11692743 | 11884692 | 11912349 | 11829928 | 1.01 | cps |
| Lead | 207-1 | 10248209 | 10591006 | 10492531 | 10443915 | 1.69 | cps |
| Lead | 208-1 | 46702125 | 47806389 | 47821236 | 47443250 | 1.35 | cps |
| Lithium | 6-1 | 2074895 | 2015657 | 1941837 | 2010796 | 3.32 | cps |
| Magnesium | 24-2 | 10297187 | 10235791 | 10319634 | 10284204 | 0.42 | cps |
| Manganese | 55-2 | 9437425 | 9370627 | 9253791 | 9353948 | 0.99 | cps |
| Molybdenum | 94-1 | 10214253 | 10075238 | 10079874 | 10123122 | 0.78 | cps |
| Molybdenum | 95-1 | 14621125 | 14882316 | 14647316 | 14716919 | 0.98 | cps |
| Molybdenum | 96-1 | 16169381 | 16372201 | 16146174 | 16229252 | 0.77 | cps |
| Molybdenum | 97-1 | 9138021 | 9202143 | 9139399 | 9159854 | 0.40 | cps |
| Molybdenum | 98-1 | 23639914 | 23622428 | 23449000 | 23570447 | 0.45 | cps |
| Neodymium | 150-1 | 180 | 240 | 200 | 207 | 14.78 | cps |
| Neodymium | 150-2 | 47 | 83 | 57 | 62 | 30.46 | cps |
| Nickel | 60-2 | 442799 | 436664 | 437535 | 438999 | 0.76 | cps |
| Phosphorus | 31-2 | 61991 | 62550 | 60151 | 61564 | 2.04 | cps |
| Potassium | 39-2 | 6897615 | 6707941 | 6754857 | 6786804 | 1.46 | cps |
| Rhodium | 103-1 | 11409812 | 10985012 | 10979064 | 11124629 | 2.22 | cps |
| Rhodium | 103-2 | 6535179 | 6516897 | 6499861 | 6517312 | 0.27 | cps |
| Scandium | 45-1 | 6727967 | 6553633 | 6432706 | 6571436 | 2.26 | cps |
| Scandium | 45-2 | 561287 | 554397 | 556671 | 557452 | 0.63 | cps |
| Selenium | 82-1 | 46511 | 46834 | 46478 | 46608 | 0.42 | cps |
| Selenium | 77-2 | 5298 | 4881 | 5161 | 5113 | 4.16 | cps |
| Selenium | 78-2 | 17273 | 17364 | 16900 | 17179 | 1.43 | cps |
| Silicon | 28-1 | 8143066 | 8120854 | 8116695 | 8126872 | 0.17 | cps |
| Silver | 107-1 | 3867407 | 3886938 | 3873580 | 3875975 | 0.26 | cps |
| Silver | 109-1 | 3748040 | 3776129 | 3705074 | 3743081 | 0.96 | cps |
| Sodium | 23-2 | 16943072 | 16902291 | 16808799 | 16884720 | 0.41 | cps |
| Strontium | 86-1 | 904947 | 913080 | 908150 | 908726 | 0.45 | cps |
| Strontium | 88-1 | 8166657 | 8212771 | 8119637 | 8166355 | 0.57 | cps |
| Sulfur | 34-1 | 367310 | 365941 | 362590 | 365280 | 0.66 | cps |
| Terbium | 159-1 | 16234781 | 15806365 | 15553759 | 15864968 | 2.17 | cps |
| Terbium | 159-2 | 10923933 | 10967044 | 10722662 | 10871213 | 1.20 | cps |
| Thallium | 203-1 | 2939437 | 3039825 | 2988975 | 2989412 | 1.68 | cps |
| Thallium | 205-1 | 7059236 | 7053788 | 7127843 | 7080289 | 0.58 | cps |
| Tin | 118-1 | 2488491 | 2511773 | 2506295 | 2502186 | 0.49 | cps |
| Titanium | 47-1 | 3503803 | 3565859 | 3559129 | 3542930 | 0.96 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:58:53 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8911710 | 9190839 | 9151818 | 9084789 | 1.66 | cps |
| Vanadium | 51-2 | 981990 | 974642 | 973650 | 976760 | 0.47 | cps |
| Yttrium | 89-1 | 19006762 | 18349253 | 18297462 | 18551159 | 2.13 | cps |
| Yttrium | 89-2 | 5020396 | 4993677 | 4988445 | 5000839 | 0.34 | cps |
| Zinc | 66-2 | 2287513 | 2267350 | 2243144 | 2266002 | 0.98 | cps |
| Zirconium | 90-1 | 4996008 | 5019295 | 4930792 | 4982031 | 0.92 | cps |
| Zirconium | 91-1 | 1068061 | 1086901 | 1086941 | 1080634 | 1.01 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2610965 | 2599731 | 2552680 | 2587792 | 1.19 | cps |
| Antimony | 121-1 | 5932823 | 5984812 | 5961441 | 5959692 | 0.44 | cps |
| Arsenic | 75-2 | 288318 | 288532 | 288056 | 288302 | 0.08 | cps |
| Barium | 135-1 | 7563776 | 7572380 | 7598765 | 7578307 | 0.24 | cps |
| Barium | 137-1 | 12937169 | 12964585 | 12956073 | 12952609 | 0.11 | cps |
| Beryllium | 9-1 | 722972 | 719671 | 717235 | 719959 | 0.40 | cps |
| Bismuth | 209-1 | 9345982 | 9225668 | 9296741 | 9289464 | 0.65 | cps |
| Bismuth | 209-2 | 7677838 | 7725851 | 7809183 | 7737624 | 0.86 | cps |
| Bromine | 81-1 | 12565 | 11908 | 12092 | 12189 | 2.78 | cps |
| Bromine | 81-2 | 113 | 103 | 100 | 106 | 6.57 | cps |
| Cadmium | 108-1 | 108894 | 109405 | 110352 | 109551 | 0.68 | cps |
| Cadmium | 106-1 | 157729 | 158336 | 156738 | 157601 | 0.51 | cps |
| Cadmium | 111-1 | 1496229 | 1506190 | 1497125 | 1499848 | 0.37 | cps |
| Calcium | 43-1 | 1464205 | 1458200 | 1456656 | 1459687 | 0.27 | cps |
| Calcium | 44-1 | 23538487 | 23567366 | 23561505 | 23555786 | 0.06 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2186304 | 2205860 | 2192495 | 2194886 | 0.46 | cps |
| Cobalt | 59-2 | 3425975 | 3429447 | 3421811 | 3425744 | 0.11 | cps |
| Copper | 63-2 | 24595962 | 24324096 | 24410117 | 24443392 | 0.57 | cps |
| Dysprosium | 156-1 | 140 | 120 | 140 | 133 | 8.66 | cps |
| Dysprosium | 156-2 | 377 | 463 | 387 | 409 | 11.60 | cps |
| Erbium | 164-1 | 100 | 183 | 173 | 152 | 29.89 | cps |
| Erbium | 164-2 | 90 | 77 | 130 | 99 | 28.07 | cps |
| Gadolinium | 160-1 | 133 | 127 | 130 | 130 | 2.57 | cps |
| Gadolinium | 160-2 | 673 | 640 | 803 | 706 | 12.23 | cps |
| Holmium | 165-1 | 15041774 | 15009958 | 14783757 | 14945163 | 0.94 | cps |
| Holmium | 165-2 | 11023923 | 10979716 | 10809884 | 10937841 | 1.03 | cps |
| Indium | 115-1 | 11715443 | 11545243 | 11621365 | 11627351 | 0.73 | cps |
| Indium | 115-2 | 4386829 | 4371456 | 4327975 | 4362087 | 0.70 | cps |
| Iron | 56-2 | 104458918 | 104869118 | 104262835 | 104530291 | 0.30 | cps |
| Iron | 57-2 | 2652322 | 2590771 | 2601597 | 2614897 | 1.26 | cps |
| Iron | 54-2 | 5717593 | 5730341 | 5699916 | 5715950 | 0.27 | cps |
| Krypton | 83-1 | 223 | 200 | 203 | 209 | 6.04 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23350622 | 23600517 | 23847215 | 23599452 | 1.05 | cps |
| Lead | 207-1 | 20820893 | 20910743 | 21019964 | 20917200 | 0.48 | cps |
| Lead | 208-1 | 94841979 | 95097816 | 95723119 | 95220971 | 0.48 | cps |
| Lithium | 6-1 | 1937702 | 1907081 | 1929988 | 1924924 | 0.83 | cps |
| Magnesium | 24-2 | 19730193 | 19742295 | 19464233 | 19645574 | 0.80 | cps |
| Manganese | 55-2 | 18115225 | 18181280 | 18095754 | 18130753 | 0.25 | cps |
| Molybdenum | 94-1 | 19607752 | 19656055 | 19691380 | 19651729 | 0.21 | cps |
| Molybdenum | 95-1 | 28736390 | 28718114 | 28473036 | 28642513 | 0.51 | cps |
| Molybdenum | 96-1 | 31504575 | 31589737 | 31252387 | 31448900 | 0.56 | cps |
| Molybdenum | 97-1 | 17866053 | 17696895 | 17636105 | 17733018 | 0.67 | cps |
| Molybdenum | 98-1 | 46243799 | 46222809 | 46024889 | 46163833 | 0.26 | cps |
| Neodymium | 150-1 | 397 | 387 | 393 | 392 | 1.30 | cps |
| Neodymium | 150-2 | 100 | 93 | 117 | 103 | 11.63 | cps |
| Nickel | 60-2 | 834583 | 829186 | 826203 | 829991 | 0.51 | cps |
| Phosphorus | 31-2 | 116643 | 118377 | 115434 | 116818 | 1.27 | cps |
| Potassium | 39-2 | 12934499 | 13040208 | 12897315 | 12957340 | 0.57 | cps |
| Rhodium | 103-1 | 10763699 | 10544212 | 10545369 | 10617760 | 1.19 | cps |
| Rhodium | 103-2 | 6236897 | 6287145 | 6230878 | 6251640 | 0.49 | cps |
| Scandium | 45-1 | 6215251 | 6176727 | 6161535 | 6184504 | 0.45 | cps |
| Scandium | 45-2 | 531918 | 534745 | 529796 | 532153 | 0.47 | cps |
| Selenium | 82-1 | 89165 | 88453 | 88364 | 88661 | 0.50 | cps |
| Selenium | 77-2 | 9643 | 9623 | 9376 | 9548 | 1.56 | cps |
| Selenium | 78-2 | 31894 | 32462 | 31784 | 32047 | 1.14 | cps |
| Silicon | 28-1 | 14761564 | 14532653 | 14344898 | 14546372 | 1.43 | cps |
| Silver | 107-1 | 7398927 | 7487994 | 7399682 | 7428868 | 0.69 | cps |
| Silver | 109-1 | 7122211 | 7197294 | 7063352 | 7127619 | 0.94 | cps |
| Sodium | 23-2 | 32367028 | 32344989 | 32113778 | 32275265 | 0.43 | cps |
| Strontium | 86-1 | 1814245 | 1795484 | 1864802 | 1824844 | 1.96 | cps |
| Strontium | 88-1 | 15911859 | 15764054 | 15941685 | 15872533 | 0.60 | cps |
| Sulfur | 34-1 | 539306 | 535994 | 533813 | 536371 | 0.52 | cps |
| Terbium | 159-1 | 15519941 | 15252557 | 15415691 | 15396063 | 0.88 | cps |
| Terbium | 159-2 | 10688676 | 10747899 | 10838798 | 10758457 | 0.70 | cps |
| Thallium | 203-1 | 5915752 | 5958585 | 5820424 | 5898254 | 1.20 | cps |
| Thallium | 205-1 | 13895176 | 14119269 | 14075955 | 14030134 | 0.85 | cps |
| Tin | 118-1 | 4872078 | 4861433 | 4928849 | 4887453 | 0.74 | cps |
| Titanium | 47-1 | 6811847 | 6868859 | 6815814 | 6832173 | 0.47 | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18393931 | 18478820 | 18425675 | 18432809 | 0.23 | cps |
| Vanadium | 51-2 | 1959265 | 1925624 | 1935324 | 1940071 | 0.89 | cps |
| Yttrium | 89-1 | 17727659 | 17663576 | 17765561 | 17718932 | 0.29 | cps |
| Yttrium | 89-2 | 4825164 | 4830005 | 4852861 | 4836010 | 0.31 | cps |
| Zinc | 66-2 | 4315348 | 4318135 | 4324810 | 4319431 | 0.11 | cps |
| Zirconium | 90-1 | 9742610 | 9654187 | 9735619 | 9710805 | 0.51 | cps |
| Zirconium | 91-1 | 2146941 | 2181815 | 2128945 | 2152567 | 1.25 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:04:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5094766 | 5021447 | 5026867 | 5047693 | 0.81 | cps |
| Antimony | 121-1 | 11573954 | 11592972 | 11569983 | 11578970 | 0.11 | cps |
| Arsenic | 75-2 | 569506 | 570044 | 562587 | 567379 | 0.73 | cps |
| Barium | 135-1 | 14831996 | 14932357 | 14933702 | 14899351 | 0.39 | cps |
| Barium | 137-1 | 25429152 | 25757744 | 25593596 | 25593497 | 0.64 | cps |
| Beryllium | 9-1 | 1476655 | 1440647 | 1471366 | 1462889 | 1.33 | cps |
| Bismuth | 209-1 | 9115469 | 9080858 | 9130911 | 9109079 | 0.28 | cps |
| Bismuth | 209-2 | 7701106 | 7585995 | 7620231 | 7635777 | 0.77 | cps |
| Bromine | 81-1 | 12078 | 12415 | 11631 | 12042 | 3.27 | cps |
| Bromine | 81-2 | 97 | 140 | 117 | 118 | 18.41 | cps |
| Cadmium | 108-1 | 210251 | 210284 | 212417 | 210984 | 0.59 | cps |
| Cadmium | 106-1 | 297714 | 299665 | 298889 | 298756 | 0.33 | cps |
| Cadmium | 111-1 | 2950802 | 2999641 | 3004133 | 2984859 | 0.99 | cps |
| Calcium | 43-1 | 2833249 | 2877623 | 2864263 | 2858378 | 0.80 | cps |
| Calcium | 44-1 | 45725374 | 45765263 | 45591863 | 45694167 | 0.20 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4287242 | 4272787 | 4327640 | 4295889 | 0.66 | cps |
| Cobalt | 59-2 | 6759565 | 6663544 | 6699912 | 6707674 | 0.72 | cps |
| Copper | 63-2 | 47755369 | 47451128 | 47454054 | 47553517 | 0.37 | cps |
| Dysprosium | 156-1 | 250 | 250 | 220 | 240 | 7.22 | cps |
| Dysprosium | 156-2 | 853 | 713 | 827 | 798 | 9.32 | cps |
| Erbium | 164-1 | 230 | 200 | 247 | 226 | 10.49 | cps |
| Erbium | 164-2 | 223 | 147 | 190 | 187 | 20.59 | cps |
| Gadolinium | 160-1 | 180 | 200 | 197 | 192 | 5.57 | cps |
| Gadolinium | 160-2 | 757 | 700 | 813 | 757 | 7.49 | cps |
| Holmium | 165-1 | 14992478 | 14922745 | 15154932 | 15023385 | 0.79 | cps |
| Holmium | 165-2 | 11050649 | 10852432 | 10923690 | 10942257 | 0.92 | cps |
| Indium | 115-1 | 11441325 | 11340781 | 11285501 | 11355869 | 0.70 | cps |
| Indium | 115-2 | 4316396 | 4313086 | 4236885 | 4288789 | 1.05 | cps |
| Iron | 56-2 | 205092097 | 204290624 | 204432757 | 204605159 | 0.21 | cps |
| Iron | 57-2 | 5149479 | 5175409 | 5152423 | 5159104 | 0.28 | cps |
| Iron | 54-2 | 11267402 | 11225292 | 11202609 | 11231768 | 0.29 | cps |
| Krypton | 83-1 | 193 | 210 | 200 | 201 | 4.17 | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:04:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 45982351 | 46251519 | 46483451 | 46239107 | 0.54 | cps |
| Lead | 207-1 | 40635179 | 41189289 | 40920242 | 40914904 | 0.68 | cps |
| Lead | 208-1 | 185297746 | 186671914 | 186486615 | 186152091 | 0.40 | cps |
| Lithium | 6-1 | 1906599 | 1891471 | 1922531 | 1906867 | 0.81 | cps |
| Magnesium | 24-2 | 38807604 | 38636688 | 38504074 | 38649456 | 0.39 | cps |
| Manganese | 55-2 | 35738154 | 35556115 | 35525718 | 35606663 | 0.32 | cps |
| Molybdenum | 94-1 | 38735202 | 38898624 | 38527215 | 38720347 | 0.48 | cps |
| Molybdenum | 95-1 | 55892181 | 56552399 | 56466812 | 56303797 | 0.64 | cps |
| Molybdenum | 96-1 | 61414404 | 61573277 | 61654846 | 61547509 | 0.20 | cps |
| Molybdenum | 97-1 | 34917448 | 35078223 | 34827118 | 34940929 | 0.36 | cps |
| Molybdenum | 98-1 | 89771482 | 90932989 | 89980019 | 90228163 | 0.69 | cps |
| Neodymium | 150-1 | 723 | 780 | 750 | 751 | 3.77 | cps |
| Neodymium | 150-2 | 200 | 190 | 217 | 202 | 6.66 | cps |
| Nickel | 60-2 | 1668974 | 1673863 | 1689770 | 1677536 | 0.65 | cps |
| Phosphorus | 31-2 | 230225 | 227566 | 227696 | 228495 | 0.66 | cps |
| Potassium | 39-2 | 25385927 | 25591405 | 25343600 | 25440311 | 0.52 | cps |
| Rhodium | 103-1 | 10275720 | 10140782 | 10197628 | 10204710 | 0.66 | cps |
| Rhodium | 103-2 | 6172647 | 6140434 | 6098028 | 6137036 | 0.61 | cps |
| Scandium | 45-1 | 6081291 | 6101163 | 6034849 | 6072434 | 0.56 | cps |
| Scandium | 45-2 | 536074 | 528381 | 533123 | 532526 | 0.73 | cps |
| Selenium | 82-1 | 169293 | 169635 | 171225 | 170051 | 0.61 | cps |
| Selenium | 77-2 | 18365 | 18672 | 18532 | 18523 | 0.83 | cps |
| Selenium | 78-2 | 61541 | 61524 | 61554 | 61539 | 0.02 | cps |
| Silicon | 28-1 | 26329980 | 26589353 | 26105026 | 26341453 | 0.92 | cps |
| Silver | 107-1 | 14234805 | 14305114 | 14268522 | 14269480 | 0.25 | cps |
| Silver | 109-1 | 13614493 | 13760670 | 13685937 | 13687033 | 0.53 | cps |
| Sodium | 23-2 | 64259714 | 64183879 | 63841606 | 64095066 | 0.35 | cps |
| Strontium | 86-1 | 3556686 | 3563127 | 3562960 | 3560924 | 0.10 | cps |
| Strontium | 88-1 | 30971245 | 31096155 | 31178654 | 31082018 | 0.34 | cps |
| Sulfur | 34-1 | 890281 | 890311 | 887388 | 889326 | 0.19 | cps |
| Terbium | 159-1 | 15515284 | 15413588 | 15267766 | 15398880 | 0.81 | cps |
| Terbium | 159-2 | 10996037 | 10816547 | 10698158 | 10836914 | 1.38 | cps |
| Thallium | 203-1 | 11486966 | 11529341 | 11719080 | 11578462 | 1.07 | cps |
| Thallium | 205-1 | 27451405 | 27215871 | 27699492 | 27455590 | 0.88 | cps |
| Tin | 118-1 | 9545506 | 9500094 | 9554107 | 9533236 | 0.30 | cps |
| Titanium | 47-1 | 13232700 | 13507119 | 13351455 | 13363758 | 1.03 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:04:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 36328552 | 36587190 | 37016666 | 36644136 | 0.95 | cps |
| Vanadium | 51-2 | 3786121 | 3791395 | 3813593 | 3797036 | 0.38 | cps |
| Yttrium | 89-1 | 17745428 | 17493480 | 17462621 | 17567176 | 0.88 | cps |
| Yttrium | 89-2 | 4857018 | 4824805 | 4836265 | 4839363 | 0.34 | cps |
| Zinc | 66-2 | 8269429 | 8337815 | 8354624 | 8320623 | 0.54 | cps |
| Zirconium | 90-1 | 19116358 | 19230993 | 19229433 | 19192261 | 0.34 | cps |
| Zirconium | 91-1 | 4195254 | 4218943 | 4267606 | 4227268 | 0.87 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:07:16 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 27303326 | 27278245 | 27308572 | 27296714 | 0.06 | cps |
| Antimony | 121-1 | 8299 | 7362 | 6778 | 7480 | 10.26 | cps |
| Arsenic | 75-2 | 417 | 357 | 480 | 418 | 14.76 | cps |
| Barium | 135-1 | 7659 | 6732 | 6388 | 6926 | 9.49 | cps |
| Barium | 137-1 | 13286 | 12129 | 11181 | 12199 | 8.64 | cps |
| Beryllium | 9-1 | 563 | 510 | 480 | 518 | 8.15 | cps |
| Bismuth | 209-1 | 8325986 | 8001818 | 7945293 | 8091033 | 2.54 | cps |
| Bismuth | 209-2 | 6797303 | 6950896 | 6857928 | 6868709 | 1.13 | cps |
| Bromine | 81-1 | 12489 | 12942 | 12949 | 12793 | 2.06 | cps |
| Bromine | 81-2 | 160 | 150 | 140 | 150 | 6.67 | cps |
| Cadmium | 108-1 | 150 | 87 | 110 | 116 | 27.72 | cps |
| Cadmium | 106-1 | 4271 | 4407 | 4354 | 4344 | 1.59 | cps |
| Cadmium | 111-1 | 1593 | 1432 | 1417 | 1481 | 6.59 | cps |
| Calcium | 43-1 | 13816820 | 14183278 | 14401014 | 14133704 | 2.09 | cps |
| Calcium | 44-1 | 223702043 | 228491430 | 229570990 | 227254821 | 1.37 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 7142 | 7565 | 7192 | 7300 | 3.17 | cps |
| Cobalt | 59-2 | 18468 | 18859 | 19035 | 18787 | 1.55 | cps |
| Copper | 63-2 | 13493 | 12816 | 12899 | 13069 | 2.83 | cps |
| Dysprosium | 156-1 | 433 | 393 | 360 | 396 | 9.28 | cps |
| Dysprosium | 156-2 | 367 | 447 | 407 | 407 | 9.84 | cps |
| Erbium | 164-1 | 497 | 423 | 423 | 448 | 9.46 | cps |
| Erbium | 164-2 | 350 | 427 | 387 | 388 | 9.89 | cps |
| Gadolinium | 160-1 | 513 | 493 | 403 | 470 | 12.47 | cps |
| Gadolinium | 160-2 | 933 | 837 | 930 | 900 | 6.10 | cps |
| Holmium | 165-1 | 14915100 | 14489290 | 14524233 | 14642874 | 1.61 | cps |
| Holmium | 165-2 | 10587724 | 10662584 | 10598894 | 10616401 | 0.38 | cps |
| Indium | 115-1 | 11212072 | 10953689 | 10802386 | 10989382 | 1.89 | cps |
| Indium | 115-2 | 4216942 | 4272612 | 4210008 | 4233187 | 0.81 | cps |
| Iron | 56-2 | 1042111851 | 1035222811 | 1047049824 | 1041461496 | 0.57 | cps |
| Iron | 57-2 | 26121392 | 25886751 | 26095860 | 26034668 | 0.49 | cps |
| Iron | 54-2 | 56781667 | 56171079 | 56238826 | 56397191 | 0.59 | cps |
| Krypton | 83-1 | 170 | 213 | 180 | 188 | 12.09 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:07:16 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 17188 | 15189 | 13767 | 15381 | 11.17 | cps |
| Lead | 207-1 | 15139 | 12906 | 11945 | 13330 | 12.29 | cps |
| Lead | 208-1 | 67739 | 59478 | 54784 | 60667 | 10.81 | cps |
| Lithium | 6-1 | 1872207 | 1852643 | 1872807 | 1865886 | 0.61 | cps |
| Magnesium | 24-2 | 207963337 | 206729284 | 206472670 | 207055097 | 0.38 | cps |
| Manganese | 55-2 | 17941 | 17934 | 17460 | 17778 | 1.55 | cps |
| Molybdenum | 94-1 | 13753 | 11958 | 10581 | 12097 | 13.15 | cps |
| Molybdenum | 95-1 | 14848 | 11828 | 10154 | 12276 | 19.38 | cps |
| Molybdenum | 96-1 | 25552 | 22287 | 20334 | 22725 | 11.60 | cps |
| Molybdenum | 97-1 | 9470 | 7422 | 6291 | 7728 | 20.85 | cps |
| Molybdenum | 98-1 | 23098 | 18355 | 15178 | 18877 | 21.12 | cps |
| Neodymium | 150-1 | 250 | 213 | 317 | 260 | 20.15 | cps |
| Neodymium | 150-2 | 110 | 153 | 130 | 131 | 16.54 | cps |
| Nickel | 60-2 | 8266 | 8779 | 8536 | 8527 | 3.01 | cps |
| Phosphorus | 31-2 | 300 | 310 | 273 | 294 | 6.44 | cps |
| Potassium | 39-2 | 135683281 | 134144961 | 136137935 | 135322059 | 0.77 | cps |
| Rhodium | 103-1 | 9722491 | 9566393 | 9400944 | 9563276 | 1.68 | cps |
| Rhodium | 103-2 | 5742127 | 5786411 | 5806746 | 5778428 | 0.57 | cps |
| Scandium | 45-1 | 6285713 | 6058056 | 6122997 | 6155589 | 1.91 | cps |
| Scandium | 45-2 | 558436 | 559938 | 564795 | 561056 | 0.59 | cps |
| Selenium | 82-1 | 358 | 283 | 351 | 331 | 12.45 | cps |
| Selenium | 77-2 | 13 | 10 | 10 | 11 | 17.30 | cps |
| Selenium | 78-2 | 403 | 370 | 417 | 397 | 6.06 | cps |
| Silicon | 28-1 | 552329 | 551385 | 544734 | 549482 | 0.75 | cps |
| Silver | 107-1 | 3884 | 3044 | 2547 | 3158 | 21.40 | cps |
| Silver | 109-1 | 3514 | 2704 | 2450 | 2889 | 19.23 | cps |
| Sodium | 23-2 | 338311642 | 335332515 | 337386442 | 337010199 | 0.45 | cps |
| Strontium | 86-1 | 10430 | 10834 | 10611 | 10625 | 1.90 | cps |
| Strontium | 88-1 | 91532 | 90224 | 89262 | 90340 | 1.26 | cps |
| Sulfur | 34-1 | 153182 | 156438 | 159980 | 156533 | 2.17 | cps |
| Terbium | 159-1 | 15430450 | 14775846 | 14647130 | 14951142 | 2.81 | cps |
| Terbium | 159-2 | 10382798 | 10350220 | 10400787 | 10377935 | 0.25 | cps |
| Thallium | 203-1 | 2707 | 2194 | 1930 | 2277 | 17.35 | cps |
| Thallium | 205-1 | 6805 | 5198 | 4564 | 5522 | 20.92 | cps |
| Tin | 118-1 | 4321 | 3687 | 3264 | 3757 | 14.16 | cps |
| Titanium | 47-1 | 3120 | 2464 | 2174 | 2586 | 18.76 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:07:16 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6812 | 4948 | 4021 | 5260 | 27.03 | cps |
| Vanadium | 51-2 | 953 | 937 | 793 | 894 | 9.83 | cps |
| Yttrium | 89-1 | 17522286 | 17096005 | 17100325 | 17239539 | 1.42 | cps |
| Yttrium | 89-2 | 4842053 | 4918313 | 4936490 | 4898952 | 1.02 | cps |
| Zinc | 66-2 | 12345 | 12592 | 12328 | 12422 | 1.19 | cps |
| Zirconium | 90-1 | 13603 | 13520 | 12379 | 13167 | 5.20 | cps |
| Zirconium | 91-1 | 2990 | 2754 | 2630 | 2791 | 6.56 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICV002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 136282 | 134278 | 133965 | 134841 | 0.93 | cps |
| Antimony | 121-1 | 2559822 | 2533700 | 2563957 | 2552493 | 0.64 | cps |
| Arsenic | 75-2 | 132505 | 129804 | 128786 | 130365 | 1.47 | cps |
| Barium | 135-1 | 309873 | 307152 | 306607 | 307877 | 0.57 | cps |
| Barium | 137-1 | 538573 | 538862 | 539455 | 538964 | 0.08 | cps |
| Beryllium | 9-1 | 164354 | 163058 | 163917 | 163776 | 0.40 | cps |
| Bismuth | 209-1 | 9526297 | 9335639 | 9358428 | 9406788 | 1.11 | cps |
| Bismuth | 209-2 | 8024441 | 8002609 | 7929185 | 7985412 | 0.62 | cps |
| Bromine | 81-1 | 13573 | 13366 | 13163 | 13367 | 1.53 | cps |
| Bromine | 81-2 | 260 | 190 | 207 | 219 | 16.71 | cps |
| Cadmium | 108-1 | 26982 | 26788 | 26835 | 26868 | 0.38 | cps |
| Cadmium | 106-1 | 33448 | 32673 | 32737 | 32953 | 1.31 | cps |
| Cadmium | 111-1 | 318324 | 316731 | 316675 | 317243 | 0.30 | cps |
| Calcium | 43-1 | 66143 | 64302 | 64573 | 65006 | 1.53 | cps |
| Calcium | 44-1 | 1057134 | 1048215 | 1053468 | 1052939 | 0.43 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 492684 | 491153 | 483924 | 489254 | 0.96 | cps |
| Cobalt | 59-2 | 775171 | 762871 | 762965 | 767002 | 0.92 | cps |
| Copper | 63-2 | 528045 | 524385 | 521780 | 524736 | 0.60 | cps |
| Dysprosium | 156-1 | 20 | 30 | 17 | 22 | 31.22 | cps |
| Dysprosium | 156-2 | 7 | 20 | 30 | 19 | 61.96 | cps |
| Erbium | 164-1 | 67 | 70 | 80 | 72 | 9.61 | cps |
| Erbium | 164-2 | 47 | 43 | 57 | 49 | 14.20 | cps |
| Gadolinium | 160-1 | 63 | 50 | 50 | 54 | 14.14 | cps |
| Gadolinium | 160-2 | 593 | 653 | 667 | 638 | 6.13 | cps |
| Holmium | 165-1 | 15188998 | 15038534 | 14956334 | 15061289 | 0.78 | cps |
| Holmium | 165-2 | 10991917 | 11006900 | 11045026 | 11014614 | 0.25 | cps |
| Indium | 115-1 | 12623982 | 12287749 | 12244374 | 12385369 | 1.68 | cps |
| Indium | 115-2 | 4687521 | 4591177 | 4631327 | 4636675 | 1.04 | cps |
| Iron | 56-2 | 9296023 | 9199372 | 9128683 | 9208026 | 0.91 | cps |
| Iron | 57-2 | 235230 | 232687 | 233608 | 233842 | 0.55 | cps |
| Iron | 54-2 | 531246 | 529739 | 525105 | 528697 | 0.61 | cps |
| Krypton | 83-1 | 170 | 220 | 213 | 201 | 13.50 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICV002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2025930 | 1983473 | 2018931 | 2009444 | 1.13 | cps |
| Lead | 207-1 | 1565995 | 1592269 | 1599176 | 1585813 | 1.10 | cps |
| Lead | 208-1 | 7724981 | 7732193 | 7778715 | 7745296 | 0.38 | cps |
| Lithium | 6-1 | 1996372 | 2039281 | 1987040 | 2007564 | 1.39 | cps |
| Magnesium | 24-2 | 508471 | 505556 | 500738 | 504922 | 0.77 | cps |
| Manganese | 55-2 | 396805 | 393064 | 394686 | 394852 | 0.48 | cps |
| Molybdenum | 94-1 | 16702896 | 16357104 | 16213290 | 16424430 | 1.53 | cps |
| Molybdenum | 95-1 | 29370241 | 29056865 | 28621152 | 29016086 | 1.30 | cps |
| Molybdenum | 96-1 | 31509530 | 31183702 | 31005387 | 31232873 | 0.82 | cps |
| Molybdenum | 97-1 | 18069793 | 18027942 | 17739599 | 17945778 | 1.00 | cps |
| Molybdenum | 98-1 | 46269184 | 46070221 | 45808803 | 46049403 | 0.50 | cps |
| Neodymium | 150-1 | 20 | 17 | 33 | 23 | 37.78 | cps |
| Neodymium | 150-2 | 7 | 7 | 7 | 7 | 0.00 | cps |
| Nickel | 60-2 | 196763 | 194845 | 194615 | 195408 | 0.60 | cps |
| Phosphorus | 31-2 | 137 | 93 | 133 | 121 | 19.91 | cps |
| Potassium | 39-2 | 1198184 | 1188245 | 1183305 | 1189912 | 0.64 | cps |
| Rhodium | 103-1 | 11482623 | 11196745 | 11236888 | 11305419 | 1.37 | cps |
| Rhodium | 103-2 | 6745754 | 6799530 | 6749193 | 6764826 | 0.45 | cps |
| Scandium | 45-1 | 6882345 | 6689204 | 6594862 | 6722137 | 2.18 | cps |
| Scandium | 45-2 | 579165 | 571403 | 572877 | 574481 | 0.72 | cps |
| Selenium | 82-1 | 39494 | 39137 | 39261 | 39297 | 0.46 | cps |
| Selenium | 77-2 | 4384 | 4491 | 4381 | 4418 | 1.42 | cps |
| Selenium | 78-2 | 14811 | 14627 | 14594 | 14677 | 0.80 | cps |
| Silicon | 28-1 | 563333 | 530823 | 530868 | 541675 | 3.46 | cps |
| Silver | 107-1 | 759906 | 757995 | 754998 | 757633 | 0.33 | cps |
| Silver | 109-1 | 731059 | 726331 | 729799 | 729063 | 0.34 | cps |
| Sodium | 23-2 | 1475803 | 1432150 | 1424138 | 1444030 | 1.93 | cps |
| Strontium | 86-1 | 1230 | 1333 | 1273 | 1279 | 4.06 | cps |
| Strontium | 88-1 | 8709 | 8609 | 8389 | 8569 | 1.91 | cps |
| Sulfur | 34-1 | 184725 | 173378 | 171763 | 176622 | 4.00 | cps |
| Terbium | 159-1 | 15855768 | 15365576 | 15488471 | 15569938 | 1.64 | cps |
| Terbium | 159-2 | 10890434 | 10814537 | 10783612 | 10829528 | 0.51 | cps |
| Thallium | 203-1 | 2460072 | 2435416 | 2471753 | 2455747 | 0.76 | cps |
| Thallium | 205-1 | 5826580 | 5851495 | 5857362 | 5845146 | 0.28 | cps |
| Tin | 118-1 | 1180 | 1150 | 1167 | 1166 | 1.29 | cps |
| Titanium | 47-1 | 407 | 423 | 373 | 401 | 6.35 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICV002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 50 | 60 | 63 | 58 | 12.01 | cps |
| Vanadium | 51-2 | 422581 | 414888 | 413679 | 417049 | 1.16 | cps |
| Yttrium | 89-1 | 18705632 | 18707408 | 18388428 | 18600489 | 0.99 | cps |
| Yttrium | 89-2 | 5133630 | 5035818 | 5067623 | 5079024 | 0.98 | cps |
| Zinc | 66-2 | 190849 | 190489 | 188878 | 190072 | 0.55 | cps |
| Zirconium | 90-1 | 1103 | 1147 | 1163 | 1138 | 2.72 | cps |
| Zirconium | 91-1 | 473 | 560 | 433 | 489 | 13.25 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:38:52 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 73 | 133 | 150 | 119 | 33.92 | cps |
| Antimony | 121-1 | 263 | 283 | 280 | 276 | 3.89 | cps |
| Arsenic | 75-2 | 3 | 3 | 10 | 6 | 69.34 | cps |
| Barium | 135-1 | 43 | 57 | 37 | 46 | 22.36 | cps |
| Barium | 137-1 | 73 | 87 | 70 | 77 | 11.51 | cps |
| Beryllium | 9-1 | 117 | 120 | 83 | 107 | 19.01 | cps |
| Bismuth | 209-1 | 9238197 | 9227749 | 9087352 | 9184433 | 0.92 | cps |
| Bismuth | 209-2 | 8093579 | 8067043 | 7967916 | 8042846 | 0.82 | cps |
| Bromine | 81-1 | 13069 | 13403 | 13339 | 13271 | 1.33 | cps |
| Bromine | 81-2 | 163 | 110 | 190 | 154 | 26.37 | cps |
| Cadmium | 108-1 | 13 | 10 | 13 | 12 | 15.73 | cps |
| Cadmium | 106-1 | 4654 | 4254 | 4294 | 4401 | 5.01 | cps |
| Cadmium | 111-1 | 935 | 857 | 880 | 891 | 4.50 | cps |
| Calcium | 43-1 | 203 | 227 | 183 | 204 | 10.61 | cps |
| Calcium | 44-1 | 6455 | 6391 | 6201 | 6349 | 2.08 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2134 | 2067 | 2210 | 2137 | 3.36 | cps |
| Cobalt | 59-2 | 133 | 183 | 133 | 150 | 19.24 | cps |
| Copper | 63-2 | 993 | 1023 | 1060 | 1026 | 3.26 | cps |
| Dysprosium | 156-1 | 17 | 13 | 7 | 12 | 41.65 | cps |
| Dysprosium | 156-2 | 3 | 13 | 7 | 8 | 65.47 | cps |
| Erbium | 164-1 | 47 | 70 | 87 | 68 | 29.64 | cps |
| Erbium | 164-2 | 37 | 37 | 73 | 49 | 43.29 | cps |
| Gadolinium | 160-1 | 57 | 33 | 73 | 54 | 36.91 | cps |
| Gadolinium | 160-2 | 710 | 600 | 587 | 632 | 10.71 | cps |
| Holmium | 165-1 | 15066804 | 14795481 | 14935231 | 14932505 | 0.91 | cps |
| Holmium | 165-2 | 11195566 | 11032730 | 11159404 | 11129233 | 0.77 | cps |
| Indium | 115-1 | 12321309 | 12522350 | 12368699 | 12404119 | 0.85 | cps |
| Indium | 115-2 | 4903753 | 4842306 | 4838420 | 4861493 | 0.75 | cps |
| Iron | 56-2 | 21192 | 20267 | 20451 | 20636 | 2.37 | cps |
| Iron | 57-2 | 1133 | 1100 | 1110 | 1114 | 1.54 | cps |
| Iron | 54-2 | 2787 | 2454 | 2644 | 2628 | 6.36 | cps |
| Krypton | 83-1 | 170 | 210 | 230 | 203 | 15.02 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:38:52 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 470 | 430 | 503 | 468 | 7.85 | cps |
| Lead | 207-1 | 403 | 460 | 383 | 416 | 9.57 | cps |
| Lead | 208-1 | 1883 | 1953 | 1813 | 1883 | 3.72 | cps |
| Lithium | 6-1 | 2002072 | 2038488 | 2043438 | 2027999 | 1.11 | cps |
| Magnesium | 24-2 | 943 | 957 | 1050 | 983 | 5.91 | cps |
| Manganese | 55-2 | 237 | 283 | 290 | 270 | 10.76 | cps |
| Molybdenum | 94-1 | 470 | 493 | 477 | 480 | 2.50 | cps |
| Molybdenum | 95-1 | 450 | 373 | 357 | 393 | 12.65 | cps |
| Molybdenum | 96-1 | 480 | 510 | 473 | 488 | 4.00 | cps |
| Molybdenum | 97-1 | 267 | 207 | 277 | 250 | 15.14 | cps |
| Molybdenum | 98-1 | 600 | 617 | 640 | 619 | 3.25 | cps |
| Neodymium | 150-1 | 7 | 7 | 13 | 9 | 43.25 | cps |
| Neodymium | 150-2 | 7 | 0 | 0 | 2 | 173.21 | cps |
| Nickel | 60-2 | 693 | 617 | 643 | 651 | 5.98 | cps |
| Phosphorus | 31-2 | 160 | 157 | 140 | 152 | 7.04 | cps |
| Potassium | 39-2 | 54216 | 54193 | 54685 | 54364 | 0.51 | cps |
| Rhodium | 103-1 | 11493554 | 11471202 | 11387880 | 11450879 | 0.49 | cps |
| Rhodium | 103-2 | 7092461 | 7013789 | 7001806 | 7036019 | 0.70 | cps |
| Scandium | 45-1 | 6679296 | 6833913 | 6803909 | 6772373 | 1.21 | cps |
| Scandium | 45-2 | 621012 | 620150 | 614250 | 618471 | 0.60 | cps |
| Selenium | 82-1 | 161 | 88 | 84 | 111 | 39.33 | cps |
| Selenium | 77-2 | 7 | 0 | 0 | 2 | 173.21 | cps |
| Selenium | 78-2 | 403 | 433 | 420 | 419 | 3.59 | cps |
| Silicon | 28-1 | 591930 | 595918 | 597324 | 595058 | 0.47 | cps |
| Silver | 107-1 | 230 | 220 | 273 | 241 | 11.76 | cps |
| Silver | 109-1 | 233 | 163 | 137 | 178 | 28.08 | cps |
| Sodium | 23-2 | 21976 | 21205 | 21335 | 21505 | 1.92 | cps |
| Strontium | 86-1 | 380 | 380 | 343 | 368 | 5.76 | cps |
| Strontium | 88-1 | 220 | 163 | 163 | 182 | 17.95 | cps |
| Sulfur | 34-1 | 184887 | 185036 | 184307 | 184743 | 0.21 | cps |
| Terbium | 159-1 | 15497766 | 15455274 | 15309526 | 15420855 | 0.64 | cps |
| Terbium | 159-2 | 11067502 | 11035205 | 10879056 | 10993921 | 0.92 | cps |
| Thallium | 203-1 | 383 | 413 | 367 | 388 | 6.10 | cps |
| Thallium | 205-1 | 953 | 1037 | 883 | 958 | 8.02 | cps |
| Tin | 118-1 | 1187 | 1177 | 1123 | 1162 | 2.93 | cps |
| Titanium | 47-1 | 90 | 113 | 67 | 90 | 25.93 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:38:52 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33 | 17 | 7 | 19 | 71.30 | cps |
| Vanadium | 51-2 | 10 | 30 | 27 | 22 | 48.22 | cps |
| Yttrium | 89-1 | 18659415 | 18813600 | 18684391 | 18719135 | 0.44 | cps |
| Yttrium | 89-2 | 5411106 | 5328928 | 5273534 | 5337856 | 1.30 | cps |
| Zinc | 66-2 | 263 | 243 | 250 | 252 | 4.04 | cps |
| Zirconium | 90-1 | 827 | 720 | 697 | 748 | 9.27 | cps |
| Zirconium | 91-1 | 177 | 173 | 170 | 173 | 1.92 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSA002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:42:22 | DataFile Name : | 016ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25104197 | 25001950 | 25251174 | 25119107 | 0.50 | cps |
| Antimony | 121-1 | 13186 | 12959 | 13637 | 13261 | 2.60 | cps |
| Arsenic | 75-2 | 243 | 223 | 170 | 212 | 17.86 | cps |
| Barium | 135-1 | 4144 | 4131 | 4121 | 4132 | 0.28 | cps |
| Barium | 137-1 | 7032 | 7068 | 7209 | 7103 | 1.31 | cps |
| Beryllium | 9-1 | 537 | 493 | 440 | 490 | 9.88 | cps |
| Bismuth | 209-1 | 8837316 | 8971345 | 8955945 | 8921535 | 0.82 | cps |
| Bismuth | 209-2 | 7597129 | 7870474 | 7672427 | 7713343 | 1.83 | cps |
| Bromine | 81-1 | 13169 | 13606 | 13830 | 13535 | 2.48 | cps |
| Bromine | 81-2 | 370 | 413 | 450 | 411 | 9.74 | cps |
| Cadmium | 108-1 | 1930 | 1783 | 1737 | 1817 | 5.55 | cps |
| Cadmium | 106-1 | 3921 | 3827 | 3851 | 3866 | 1.26 | cps |
| Cadmium | 111-1 | 1876 | 1790 | 1798 | 1821 | 2.62 | cps |
| Calcium | 43-1 | 2892914 | 2898330 | 2939503 | 2910249 | 0.88 | cps |
| Calcium | 44-1 | 46366113 | 46637183 | 47069454 | 46690917 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 93004 | 91686 | 92370 | 92354 | 0.71 | cps |
| Cobalt | 59-2 | 8909 | 9266 | 8793 | 8989 | 2.74 | cps |
| Copper | 63-2 | 37303 | 36845 | 37109 | 37086 | 0.62 | cps |
| Dysprosium | 156-1 | 60 | 37 | 80 | 59 | 36.83 | cps |
| Dysprosium | 156-2 | 57 | 27 | 47 | 43 | 35.25 | cps |
| Erbium | 164-1 | 107 | 123 | 103 | 111 | 9.65 | cps |
| Erbium | 164-2 | 93 | 83 | 117 | 98 | 17.50 | cps |
| Gadolinium | 160-1 | 113 | 127 | 93 | 111 | 15.10 | cps |
| Gadolinium | 160-2 | 677 | 667 | 680 | 674 | 1.03 | cps |
| Holmium | 165-1 | 15084933 | 15223883 | 15420251 | 15243022 | 1.11 | cps |
| Holmium | 165-2 | 11131457 | 11278281 | 11470988 | 11293575 | 1.51 | cps |
| Indium | 115-1 | 11659770 | 11601619 | 11700635 | 11654008 | 0.43 | cps |
| Indium | 115-2 | 4531855 | 4533723 | 4580614 | 4548731 | 0.61 | cps |
| Iron | 56-2 | 436638460 | 436596953 | 433416487 | 435550634 | 0.42 | cps |
| Iron | 57-2 | 10899836 | 10882617 | 10743215 | 10841889 | 0.79 | cps |
| Iron | 54-2 | 23620235 | 23563552 | 23630322 | 23604703 | 0.15 | cps |
| Krypton | 83-1 | 137 | 183 | 203 | 174 | 19.61 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSA002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:42:22 | DataFile Name : | 016ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 43446 | 43827 | 43657 | 43643 | 0.44 | cps |
| Lead | 207-1 | 34544 | 35226 | 34995 | 34922 | 0.99 | cps |
| Lead | 208-1 | 163731 | 165844 | 164621 | 164732 | 0.64 | cps |
| Lithium | 6-1 | 1943177 | 1883853 | 1904660 | 1910563 | 1.58 | cps |
| Magnesium | 24-2 | 40936957 | 40646610 | 41343184 | 40975584 | 0.85 | cps |
| Manganese | 55-2 | 29025 | 29596 | 29766 | 29462 | 1.32 | cps |
| Molybdenum | 94-1 | 6361887 | 6380904 | 6361544 | 6368112 | 0.17 | cps |
| Molybdenum | 95-1 | 11269862 | 11265273 | 11396836 | 11310657 | 0.66 | cps |
| Molybdenum | 96-1 | 12109808 | 12164836 | 12354067 | 12209571 | 1.05 | cps |
| Molybdenum | 97-1 | 6963185 | 6945952 | 7070142 | 6993093 | 0.96 | cps |
| Molybdenum | 98-1 | 17915771 | 18146521 | 18247936 | 18103409 | 0.94 | cps |
| Neodymium | 150-1 | 77 | 53 | 43 | 58 | 29.61 | cps |
| Neodymium | 150-2 | 33 | 27 | 37 | 32 | 15.80 | cps |
| Nickel | 60-2 | 10404 | 9683 | 9663 | 9917 | 4.25 | cps |
| Phosphorus | 31-2 | 1262507 | 1254678 | 1256228 | 1257804 | 0.33 | cps |
| Potassium | 39-2 | 53210696 | 53086451 | 53584544 | 53293897 | 0.49 | cps |
| Rhodium | 103-1 | 10425994 | 10247578 | 10291564 | 10321712 | 0.90 | cps |
| Rhodium | 103-2 | 6346044 | 6475702 | 6432120 | 6417955 | 1.03 | cps |
| Scandium | 45-1 | 6212981 | 6260068 | 6255948 | 6242999 | 0.42 | cps |
| Scandium | 45-2 | 561244 | 565732 | 567239 | 564738 | 0.55 | cps |
| Selenium | 82-1 | 218 | 134 | 149 | 167 | 26.82 | cps |
| Selenium | 77-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Selenium | 78-2 | 333 | 347 | 403 | 361 | 10.29 | cps |
| Silicon | 28-1 | 598407 | 586939 | 590475 | 591940 | 0.99 | cps |
| Silver | 107-1 | 810 | 677 | 653 | 713 | 11.85 | cps |
| Silver | 109-1 | 773 | 670 | 567 | 670 | 15.42 | cps |
| Sodium | 23-2 | 67340066 | 67128987 | 67224929 | 67231327 | 0.16 | cps |
| Strontium | 86-1 | 121805 | 121112 | 123499 | 122139 | 1.01 | cps |
| Strontium | 88-1 | 1063680 | 1068995 | 1081689 | 1071455 | 0.86 | cps |
| Sulfur | 34-1 | 4162522 | 4134088 | 4171373 | 4155995 | 0.47 | cps |
| Terbium | 159-1 | 15296814 | 15438055 | 15518552 | 15417807 | 0.73 | cps |
| Terbium | 159-2 | 11047523 | 11097376 | 11137052 | 11093984 | 0.40 | cps |
| Thallium | 203-1 | 1607 | 1633 | 1350 | 1530 | 10.23 | cps |
| Thallium | 205-1 | 3570 | 3507 | 3364 | 3480 | 3.04 | cps |
| Tin | 118-1 | 2707 | 2767 | 2487 | 2654 | 5.56 | cps |
| Titanium | 47-1 | 2755889 | 2743803 | 2816868 | 2772186 | 1.41 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSA002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:42:22 | DataFile Name : | 016ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 573 | 547 | 610 | 577 | 5.51 | cps |
| Vanadium | 51-2 | 827 | 837 | 840 | 834 | 0.83 | cps |
| Yttrium | 89-1 | 18069952 | 17851880 | 18032163 | 17984665 | 0.65 | cps |
| Yttrium | 89-2 | 5109650 | 5117475 | 5125544 | 5117556 | 0.16 | cps |
| Zinc | 66-2 | 9820 | 10020 | 9750 | 9863 | 1.42 | cps |
| Zirconium | 90-1 | 1210 | 1223 | 1367 | 1267 | 6.86 | cps |
| Zirconium | 91-1 | 213 | 287 | 320 | 273 | 19.96 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:45:27 | DataFile Name : | 017ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 26400806 | 26367198 | 26288447 | 26352150 | 0.22 | cps |
| Antimony | 121-1 | 260198 | 264440 | 265080 | 263239 | 1.01 | cps |
| Arsenic | 75-2 | 13436 | 13283 | 13256 | 13325 | 0.73 | cps |
| Barium | 135-1 | 67670 | 68855 | 68212 | 68246 | 0.87 | cps |
| Barium | 137-1 | 118327 | 117167 | 118293 | 117929 | 0.56 | cps |
| Beryllium | 9-1 | 30831 | 31315 | 31215 | 31120 | 0.82 | cps |
| Bismuth | 209-1 | 9258718 | 9231787 | 9314577 | 9268360 | 0.46 | cps |
| Bismuth | 209-2 | 7787850 | 7813178 | 7764812 | 7788613 | 0.31 | cps |
| Bromine | 81-1 | 13820 | 14307 | 14784 | 14304 | 3.37 | cps |
| Bromine | 81-2 | 403 | 460 | 437 | 433 | 6.57 | cps |
| Cadmium | 108-1 | 5664 | 5918 | 5725 | 5769 | 2.30 | cps |
| Cadmium | 106-1 | 9490 | 10044 | 9867 | 9800 | 2.89 | cps |
| Cadmium | 111-1 | 61565 | 62496 | 62224 | 62095 | 0.77 | cps |
| Calcium | 43-1 | 3096385 | 3126872 | 3142650 | 3121969 | 0.75 | cps |
| Calcium | 44-1 | 50124188 | 50258958 | 49544791 | 49975979 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 191729 | 191290 | 192346 | 191788 | 0.28 | cps |
| Cobalt | 59-2 | 157739 | 157051 | 157466 | 157419 | 0.22 | cps |
| Copper | 63-2 | 139318 | 137773 | 138601 | 138564 | 0.56 | cps |
| Dysprosium | 156-1 | 43 | 63 | 73 | 60 | 25.46 | cps |
| Dysprosium | 156-2 | 30 | 27 | 37 | 31 | 16.37 | cps |
| Erbium | 164-1 | 123 | 110 | 157 | 130 | 18.49 | cps |
| Erbium | 164-2 | 77 | 97 | 70 | 81 | 17.11 | cps |
| Gadolinium | 160-1 | 117 | 120 | 117 | 118 | 1.63 | cps |
| Gadolinium | 160-2 | 653 | 653 | 700 | 669 | 4.03 | cps |
| Holmium | 165-1 | 15821394 | 15840514 | 15722324 | 15794744 | 0.40 | cps |
| Holmium | 165-2 | 11453660 | 11427239 | 11332973 | 11404624 | 0.56 | cps |
| Indium | 115-1 | 12327880 | 12103013 | 12208470 | 12213121 | 0.92 | cps |
| Indium | 115-2 | 4650638 | 4592539 | 4618295 | 4620491 | 0.63 | cps |
| Iron | 56-2 | 453626500 | 453480807 | 452675913 | 453261073 | 0.11 | cps |
| Iron | 57-2 | 11386737 | 11358292 | 11301173 | 11348734 | 0.38 | cps |
| Iron | 54-2 | 24696480 | 24879980 | 24632950 | 24736470 | 0.52 | cps |
| Krypton | 83-1 | 170 | 190 | 187 | 182 | 5.88 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:45:27 | DataFile Name : | 017ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 235651 | 238589 | 240583 | 238274 | 1.04 | cps |
| Lead | 207-1 | 197662 | 198394 | 202215 | 199424 | 1.23 | cps |
| Lead | 208-1 | 915695 | 921662 | 937439 | 924932 | 1.21 | cps |
| Lithium | 6-1 | 1915042 | 1904060 | 1944002 | 1921034 | 1.07 | cps |
| Magnesium | 24-2 | 42781083 | 42799898 | 42812081 | 42797687 | 0.04 | cps |
| Manganese | 55-2 | 109182 | 108209 | 109850 | 109080 | 0.76 | cps |
| Molybdenum | 94-1 | 6806520 | 6754789 | 6826582 | 6795964 | 0.55 | cps |
| Molybdenum | 95-1 | 11993563 | 12072333 | 12027556 | 12031150 | 0.33 | cps |
| Molybdenum | 96-1 | 12902212 | 13041369 | 13013386 | 12985656 | 0.57 | cps |
| Molybdenum | 97-1 | 7402616 | 7490863 | 7512511 | 7468663 | 0.78 | cps |
| Molybdenum | 98-1 | 19197278 | 19456327 | 19416064 | 19356557 | 0.72 | cps |
| Neodymium | 150-1 | 80 | 73 | 63 | 72 | 11.62 | cps |
| Neodymium | 150-2 | 27 | 37 | 37 | 33 | 17.32 | cps |
| Nickel | 60-2 | 47756 | 46950 | 47134 | 47280 | 0.89 | cps |
| Phosphorus | 31-2 | 1316838 | 1305381 | 1300279 | 1307499 | 0.65 | cps |
| Potassium | 39-2 | 55627736 | 56125753 | 55676041 | 55809843 | 0.49 | cps |
| Rhodium | 103-1 | 10916482 | 10777929 | 10844249 | 10846220 | 0.64 | cps |
| Rhodium | 103-2 | 6572901 | 6587709 | 6488790 | 6549800 | 0.81 | cps |
| Scandium | 45-1 | 6582656 | 6567395 | 6488692 | 6546248 | 0.77 | cps |
| Scandium | 45-2 | 579948 | 580215 | 580369 | 580177 | 0.04 | cps |
| Selenium | 82-1 | 3870 | 3879 | 3915 | 3888 | 0.62 | cps |
| Selenium | 77-2 | 413 | 360 | 447 | 407 | 10.75 | cps |
| Selenium | 78-2 | 1750 | 1703 | 1813 | 1756 | 3.15 | cps |
| Silicon | 28-1 | 632034 | 635246 | 635523 | 634267 | 0.31 | cps |
| Silver | 107-1 | 295123 | 296456 | 297289 | 296289 | 0.37 | cps |
| Silver | 109-1 | 280435 | 285681 | 283983 | 283366 | 0.94 | cps |
| Sodium | 23-2 | 70260881 | 70439326 | 70376266 | 70358824 | 0.13 | cps |
| Strontium | 86-1 | 131256 | 131709 | 130828 | 131264 | 0.34 | cps |
| Strontium | 88-1 | 1137462 | 1148015 | 1144366 | 1143281 | 0.47 | cps |
| Sulfur | 34-1 | 4430578 | 4356184 | 4402762 | 4396508 | 0.85 | cps |
| Terbium | 159-1 | 16422007 | 15897622 | 16142267 | 16153966 | 1.62 | cps |
| Terbium | 159-2 | 11171733 | 11293370 | 11226279 | 11230461 | 0.54 | cps |
| Thallium | 203-1 | 243040 | 243998 | 243870 | 243636 | 0.21 | cps |
| Thallium | 205-1 | 577465 | 576131 | 583166 | 578921 | 0.65 | cps |
| Tin | 118-1 | 2687 | 2857 | 2494 | 2679 | 6.79 | cps |
| Titanium | 47-1 | 2950996 | 2970109 | 2937919 | 2953008 | 0.55 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:45:27 | DataFile Name : | 017ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 623 | 703 | 610 | 646 | 7.82 | cps |
| Vanadium | 51-2 | 84049 | 84210 | 84501 | 84253 | 0.27 | cps |
| Yttrium | 89-1 | 18995628 | 18718331 | 18557039 | 18757000 | 1.18 | cps |
| Yttrium | 89-2 | 5143640 | 5201952 | 5197061 | 5180884 | 0.62 | cps |
| Zinc | 66-2 | 29118 | 29192 | 28764 | 29025 | 0.79 | cps |
| Zirconium | 90-1 | 1183 | 1110 | 1267 | 1187 | 6.61 | cps |
| Zirconium | 91-1 | 263 | 280 | 240 | 261 | 7.70 | cps |



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Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13741311 | 13747834 | 13686893 | 13725346 | 0.24 | cps |
| Antimony | 121-1 | 5890326 | 5883076 | 5912513 | 5895305 | 0.26 | cps |
| Arsenic | 75-2 | 292513 | 291994 | 293987 | 292831 | 0.35 | cps |
| Barium | 135-1 | 7725031 | 7601584 | 7776308 | 7700974 | 1.17 | cps |
| Barium | 137-1 | 13093007 | 13286544 | 13238381 | 13205977 | 0.76 | cps |
| Beryllium | 9-1 | 703822 | 713067 | 712191 | 709693 | 0.72 | cps |
| Bismuth | 209-1 | 8898233 | 8898566 | 8747741 | 8848180 | 0.98 | cps |
| Bismuth | 209-2 | 7483496 | 7324055 | 7299247 | 7368932 | 1.36 | cps |
| Bromine | 81-1 | 13436 | 12849 | 12952 | 13079 | 2.40 | cps |
| Bromine | 81-2 | 127 | 103 | 143 | 124 | 16.15 | cps |
| Cadmium | 108-1 | 105550 | 106544 | 107887 | 106660 | 1.10 | cps |
| Cadmium | 106-1 | 153679 | 153871 | 153986 | 153846 | 0.10 | cps |
| Cadmium | 111-1 | 1436644 | 1461437 | 1447970 | 1448683 | 0.86 | cps |
| Calcium | 43-1 | 7567209 | 7452580 | 7547460 | 7522416 | 0.81 | cps |
| Calcium | 44-1 | 121572495 | 121759122 | 121899625 | 121743747 | 0.13 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2283084 | 2271959 | 2292771 | 2282605 | 0.46 | cps |
| Cobalt | 59-2 | 3501327 | 3518770 | 3503713 | 3507936 | 0.27 | cps |
| Copper | 63-2 | 24455403 | 24347826 | 24392624 | 24398618 | 0.22 | cps |
| Dysprosium | 156-1 | 283 | 267 | 273 | 274 | 3.06 | cps |
| Dysprosium | 156-2 | 523 | 507 | 620 | 550 | 11.13 | cps |
| Erbium | 164-1 | 313 | 337 | 297 | 316 | 6.37 | cps |
| Erbium | 164-2 | 253 | 170 | 263 | 229 | 22.39 | cps |
| Gadolinium | 160-1 | 303 | 250 | 333 | 296 | 14.28 | cps |
| Gadolinium | 160-2 | 700 | 737 | 753 | 730 | 3.74 | cps |
| Holmium | 165-1 | 15229335 | 15430126 | 15336984 | 15332148 | 0.66 | cps |
| Holmium | 165-2 | 11112985 | 11072706 | 11074516 | 11086736 | 0.21 | cps |
| Indium | 115-1 | 11651145 | 11616896 | 11492372 | 11586804 | 0.72 | cps |
| Indium | 115-2 | 4393632 | 4366083 | 4384703 | 4381472 | 0.32 | cps |
| Iron | 56-2 | 534920379 | 538048139 | 537275339 | 536747952 | 0.30 | cps |
| Iron | 57-2 | 13477880 | 13316214 | 13529403 | 13441166 | 0.83 | cps |
| Iron | 54-2 | 29201992 | 29218177 | 29233179 | 29217783 | 0.05 | cps |
| Krypton | 83-1 | 167 | 233 | 243 | 214 | 19.44 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23128572 | 23036410 | 23159132 | 23108038 | 0.28 | cps |
| Lead | 207-1 | 20475263 | 20384532 | 20400840 | 20420212 | 0.24 | cps |
| Lead | 208-1 | 92767038 | 92758837 | 92845248 | 92790374 | 0.05 | cps |
| Lithium | 6-1 | 1874918 | 1886296 | 1880853 | 1880689 | 0.30 | cps |
| Magnesium | 24-2 | 105850138 | 105467912 | 105497172 | 105605074 | 0.20 | cps |
| Manganese | 55-2 | 18869481 | 18872360 | 18851853 | 18864564 | 0.06 | cps |
| Molybdenum | 94-1 | 20113911 | 20482881 | 20194126 | 20263639 | 0.96 | cps |
| Molybdenum | 95-1 | 29486760 | 29561463 | 29316072 | 29454765 | 0.43 | cps |
| Molybdenum | 96-1 | 32260248 | 32225947 | 32388149 | 32291448 | 0.26 | cps |
| Molybdenum | 97-1 | 18374071 | 18418646 | 18252211 | 18348309 | 0.47 | cps |
| Molybdenum | 98-1 | 47407289 | 47354191 | 46982948 | 47248143 | 0.49 | cps |
| Neodymium | 150-1 | 410 | 497 | 513 | 473 | 11.72 | cps |
| Neodymium | 150-2 | 173 | 137 | 150 | 153 | 12.10 | cps |
| Nickel | 60-2 | 836248 | 831952 | 834002 | 834067 | 0.26 | cps |
| Phosphorus | 31-2 | 124088 | 122384 | 122182 | 122885 | 0.85 | cps |
| Potassium | 39-2 | 68571357 | 68769416 | 68427721 | 68589498 | 0.25 | cps |
| Rhodium | 103-1 | 10499490 | 10183925 | 10116780 | 10266732 | 1.99 | cps |
| Rhodium | 103-2 | 6190034 | 6204263 | 6162453 | 6185583 | 0.34 | cps |
| Scandium | 45-1 | 6407173 | 6394392 | 6374730 | 6392098 | 0.26 | cps |
| Scandium | 45-2 | 566129 | 568961 | 567096 | 567395 | 0.25 | cps |
| Selenium | 82-1 | 84986 | 86000 | 85527 | 85504 | 0.59 | cps |
| Selenium | 77-2 | 9300 | 9693 | 9260 | 9418 | 2.54 | cps |
| Selenium | 78-2 | 31777 | 31537 | 30508 | 31274 | 2.16 | cps |
| Silicon | 28-1 | 7538646 | 7506689 | 7586374 | 7543903 | 0.53 | cps |
| Silver | 107-1 | 7111000 | 7117006 | 7178269 | 7135425 | 0.52 | cps |
| Silver | 109-1 | 6929261 | 6849094 | 6965833 | 6914729 | 0.86 | cps |
| Sodium | 23-2 | 170017121 | 171654564 | 170942047 | 170871244 | 0.48 | cps |
| Strontium | 86-1 | 1874676 | 1880450 | 1856312 | 1870479 | 0.67 | cps |
| Strontium | 88-1 | 16152916 | 16407761 | 16296896 | 16285858 | 0.78 | cps |
| Sulfur | 34-1 | 544367 | 544409 | 546189 | 544988 | 0.19 | cps |
| Terbium | 159-1 | 15691545 | 15673875 | 15619554 | 15661658 | 0.24 | cps |
| Terbium | 159-2 | 10849932 | 10927707 | 10849538 | 10875726 | 0.41 | cps |
| Thallium | 203-1 | 5790023 | 5899489 | 5840456 | 5843322 | 0.94 | cps |
| Thallium | 205-1 | 13761001 | 13871979 | 13805489 | 13812823 | 0.40 | cps |
| Tin | 118-1 | 4885573 | 4899341 | 4932081 | 4905665 | 0.49 | cps |
| Titanium | 47-1 | 7026832 | 7021887 | 7036154 | 7028291 | 0.10 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18289677 | 18640290 | 18672074 | 18534014 | 1.14 | cps |
| Vanadium | 51-2 | 2084789 | 2065536 | 2059661 | 2069995 | 0.63 | cps |
| Yttrium | 89-1 | 18223240 | 18120977 | 18138143 | 18160787 | 0.30 | cps |
| Yttrium | 89-2 | 5061950 | 5023200 | 5000638 | 5028596 | 0.62 | cps |
| Zinc | 66-2 | 4240579 | 4226197 | 4229259 | 4232012 | 0.18 | cps |
| Zirconium | 90-1 | 9977471 | 10080422 | 10078799 | 10045564 | 0.59 | cps |
| Zirconium | 91-1 | 2204250 | 2251788 | 2209640 | 2221893 | 1.17 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:51:19 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 937 | 880 | 760 | 859 | 10.50 | cps |
| Antimony | 121-1 | 2724 | 2724 | 2604 | 2684 | 2.58 | cps |
| Arsenic | 75-2 | 17 | 27 | 17 | 20 | 28.86 | cps |
| Barium | 135-1 | 540 | 637 | 547 | 574 | 9.40 | cps |
| Barium | 137-1 | 963 | 927 | 913 | 934 | 2.77 | cps |
| Beryllium | 9-1 | 210 | 247 | 233 | 230 | 8.07 | cps |
| Bismuth | 209-1 | 9723200 | 9755916 | 8335997 | 9271704 | 8.74 | cps |
| Bismuth | 209-2 | 8338557 | 8455957 | 8403116 | 8399210 | 0.70 | cps |
| Bromine | 81-1 | 13359 | 13490 | 13433 | 13427 | 0.49 | cps |
| Bromine | 81-2 | 197 | 183 | 130 | 170 | 20.75 | cps |
| Cadmium | 108-1 | 27 | 27 | 27 | 27 | 0.00 | cps |
| Cadmium | 106-1 | 4828 | 4531 | 3791 | 4383 | 12.18 | cps |
| Cadmium | 111-1 | 1123 | 1075 | 909 | 1036 | 10.82 | cps |
| Calcium | 43-1 | 710 | 677 | 713 | 700 | 2.90 | cps |
| Calcium | 44-1 | 14017 | 15345 | 14310 | 14557 | 4.79 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2190 | 2080 | 2130 | 2134 | 2.58 | cps |
| Cobalt | 59-2 | 293 | 327 | 293 | 304 | 6.32 | cps |
| Copper | 63-2 | 2724 | 2577 | 2497 | 2599 | 4.42 | cps |
| Dysprosium | 156-1 | 3 | 7 | 10 | 7 | 50.03 | cps |
| Dysprosium | 156-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Erbium | 164-1 | 100 | 53 | 60 | 71 | 35.50 | cps |
| Erbium | 164-2 | 70 | 70 | 70 | 70 | 0.00 | cps |
| Gadolinium | 160-1 | 53 | 63 | 60 | 59 | 8.65 | cps |
| Gadolinium | 160-2 | 690 | 697 | 677 | 688 | 1.48 | cps |
| Holmium | 165-1 | 15391961 | 15693862 | 13411964 | 14832596 | 8.36 | cps |
| Holmium | 165-2 | 11496019 | 11731484 | 11517654 | 11581719 | 1.12 | cps |
| Indium | 115-1 | 12331942 | 12508775 | 10790053 | 11876923 | 7.96 | cps |
| Indium | 115-2 | 4895952 | 4936325 | 4847571 | 4893282 | 0.91 | cps |
| Iron | 56-2 | 53833 | 52425 | 48578 | 51612 | 5.27 | cps |
| Iron | 57-2 | 1770 | 1947 | 1740 | 1819 | 6.14 | cps |
| Iron | 54-2 | 4324 | 4051 | 4231 | 4202 | 3.31 | cps |
| Krypton | 83-1 | 160 | 190 | 207 | 186 | 12.75 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:51:19 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2400 | 2667 | 2384 | 2484 | 6.40 | cps |
| Lead | 207-1 | 2077 | 2204 | 2070 | 2117 | 3.55 | cps |
| Lead | 208-1 | 9478 | 10235 | 9308 | 9674 | 5.10 | cps |
| Lithium | 6-1 | 2036967 | 2016814 | 1761103 | 1938295 | 7.93 | cps |
| Magnesium | 24-2 | 6391 | 5824 | 5374 | 5863 | 8.69 | cps |
| Manganese | 55-2 | 1503 | 1440 | 1290 | 1411 | 7.76 | cps |
| Molybdenum | 94-1 | 2360 | 2474 | 2287 | 2374 | 3.96 | cps |
| Molybdenum | 95-1 | 2967 | 3007 | 2660 | 2878 | 6.59 | cps |
| Molybdenum | 96-1 | 3244 | 3417 | 3180 | 3280 | 3.74 | cps |
| Molybdenum | 97-1 | 1850 | 1897 | 1697 | 1815 | 5.77 | cps |
| Molybdenum | 98-1 | 4434 | 4918 | 4417 | 4590 | 6.19 | cps |
| Neodymium | 150-1 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Neodymium | 150-2 | 3 | 0 | 10 | 4 | 114.60 | cps |
| Nickel | 60-2 | 697 | 670 | 630 | 666 | 5.04 | cps |
| Phosphorus | 31-2 | 157 | 177 | 153 | 162 | 7.78 | cps |
| Potassium | 39-2 | 58097 | 58867 | 57916 | 58293 | 0.87 | cps |
| Rhodium | 103-1 | 11261065 | 11443884 | 9731422 | 10812124 | 8.70 | cps |
| Rhodium | 103-2 | 7089689 | 7140920 | 7128762 | 7119790 | 0.38 | cps |
| Scandium | 45-1 | 6453937 | 6637367 | 5658110 | 6249805 | 8.33 | cps |
| Scandium | 45-2 | 602577 | 595922 | 599934 | 599478 | 0.56 | cps |
| Selenium | 82-1 | 176 | 129 | 77 | 127 | 38.70 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 397 | 430 | 447 | 424 | 6.00 | cps |
| Silicon | 28-1 | 537776 | 536943 | 539959 | 538226 | 0.29 | cps |
| Silver | 107-1 | 1160 | 1170 | 1107 | 1146 | 2.97 | cps |
| Silver | 109-1 | 1230 | 1090 | 950 | 1090 | 12.84 | cps |
| Sodium | 23-2 | 60629 | 57460 | 56490 | 58193 | 3.72 | cps |
| Strontium | 86-1 | 420 | 470 | 437 | 442 | 5.76 | cps |
| Strontium | 88-1 | 1140 | 1257 | 1193 | 1197 | 4.88 | cps |
| Sulfur | 34-1 | 161783 | 165283 | 166866 | 164644 | 1.58 | cps |
| Terbium | 159-1 | 15615141 | 16117351 | 13706459 | 15146317 | 8.40 | cps |
| Terbium | 159-2 | 11471207 | 11439887 | 11418932 | 11443342 | 0.23 | cps |
| Thallium | 203-1 | 1653 | 1590 | 1407 | 1550 | 8.27 | cps |
| Thallium | 205-1 | 3914 | 3727 | 3561 | 3734 | 4.74 | cps |
| Tin | 118-1 | 1757 | 1823 | 1740 | 1773 | 2.49 | cps |
| Titanium | 47-1 | 580 | 883 | 630 | 698 | 23.31 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:51:19 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1307 | 1453 | 1340 | 1367 | 5.63 | cps |
| Vanadium | 51-2 | 117 | 113 | 90 | 107 | 13.62 | cps |
| Yttrium | 89-1 | 18393416 | 18827864 | 16083358 | 17768213 | 8.30 | cps |
| Yttrium | 89-2 | 5341562 | 5279125 | 5367058 | 5329249 | 0.85 | cps |
| Zinc | 66-2 | 433 | 313 | 353 | 367 | 16.66 | cps |
| Zirconium | 90-1 | 1997 | 2287 | 2043 | 2109 | 7.38 | cps |
| Zirconium | 91-1 | 403 | 497 | 460 | 453 | 10.37 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 15:57:58 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3552977 | 3564934 | 3552460 | 3556790 | 0.20 | cps |
| Antimony | 121-1 | 440 | 430 | 457 | 442 | 3.05 | cps |
| Arsenic | 75-2 | 617 | 490 | 640 | 582 | 13.86 | cps |
| Barium | 135-1 | 64834 | 65553 | 66122 | 65503 | 0.99 | cps |
| Barium | 137-1 | 112013 | 114698 | 116216 | 114309 | 1.86 | cps |
| Beryllium | 9-1 | 597 | 607 | 600 | 601 | 0.85 | cps |
| Bismuth | 209-1 | 9418866 | 9434246 | 9474413 | 9442508 | 0.30 | cps |
| Bismuth | 209-2 | 7990018 | 7984295 | 8095327 | 8023213 | 0.78 | cps |
| Bromine | 81-1 | 13773 | 14554 | 14557 | 14295 | 3.16 | cps |
| Bromine | 81-2 | 300 | 347 | 320 | 322 | 7.26 | cps |
| Cadmium | 108-1 | 40 | 50 | 13 | 34 | 55.04 | cps |
| Cadmium | 106-1 | 5001 | 4891 | 4908 | 4933 | 1.20 | cps |
| Cadmium | 111-1 | 1345 | 1386 | 1362 | 1364 | 1.53 | cps |
| Calcium | 43-1 | 1339491 | 1387825 | 1346712 | 1358009 | 1.92 | cps |
| Calcium | 44-1 | 21535505 | 21695172 | 21926806 | 21719161 | 0.91 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19910 | 19446 | 20144 | 19833 | 1.79 | cps |
| Cobalt | 59-2 | 258620 | 258223 | 258310 | 258384 | 0.08 | cps |
| Copper | 63-2 | 43179 | 43637 | 43065 | 43294 | 0.70 | cps |
| Dysprosium | 156-1 | 79765 | 82601 | 83033 | 81800 | 2.17 | cps |
| Dysprosium | 156-2 | 68355 | 68017 | 68332 | 68235 | 0.28 | cps |
| Erbium | 164-1 | 105984 | 108806 | 108517 | 107769 | 1.44 | cps |
| Erbium | 164-2 | 79494 | 78801 | 80339 | 79545 | 0.97 | cps |
| Gadolinium | 160-1 | 86538 | 87303 | 88675 | 87505 | 1.24 | cps |
| Gadolinium | 160-2 | 67491 | 67002 | 67622 | 67372 | 0.49 | cps |
| Holmium | 165-1 | 15860073 | 15519055 | 15584364 | 15654497 | 1.16 | cps |
| Holmium | 165-2 | 11535498 | 11445902 | 11385243 | 11455548 | 0.66 | cps |
| Indium | 115-1 | 12439768 | 12504642 | 12541085 | 12495165 | 0.41 | cps |
| Indium | 115-2 | 4855853 | 4775031 | 4809197 | 4813360 | 0.84 | cps |
| Iron | 56-2 | 475955006 | 480910473 | 478851846 | 478572442 | 0.52 | cps |
| Iron | 57-2 | 11764796 | 11921234 | 11897390 | 11861140 | 0.71 | cps |
| Iron | 54-2 | 26060432 | 25995305 | 26246579 | 26100772 | 0.50 | cps |
| Krypton | 83-1 | 323 | 360 | 357 | 347 | 5.85 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 15:57:58 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4477 | 4577 | 4567 | 4541 | 1.21 | cps |
| Lead | 207-1 | 3574 | 3624 | 3771 | 3656 | 2.80 | cps |
| Lead | 208-1 | 17161 | 17098 | 17505 | 17254 | 1.27 | cps |
| Lithium | 6-1 | 1995236 | 1960394 | 1962194 | 1972608 | 0.99 | cps |
| Magnesium | 24-2 | 9037633 | 9037151 | 9092287 | 9055690 | 0.35 | cps |
| Manganese | 55-2 | 6580186 | 6525738 | 6607503 | 6571142 | 0.63 | cps |
| Molybdenum | 94-1 | 4674 | 4931 | 4838 | 4814 | 2.70 | cps |
| Molybdenum | 95-1 | 2210 | 2167 | 2090 | 2156 | 2.82 | cps |
| Molybdenum | 96-1 | 7489 | 7775 | 7582 | 7615 | 1.92 | cps |
| Molybdenum | 97-1 | 1283 | 1393 | 1330 | 1336 | 4.13 | cps |
| Molybdenum | 98-1 | 3260 | 3364 | 3227 | 3284 | 2.17 | cps |
| Neodymium | 150-1 | 91364 | 92987 | 91353 | 91901 | 1.02 | cps |
| Neodymium | 150-2 | 58066 | 56821 | 58059 | 57648 | 1.24 | cps |
| Nickel | 60-2 | 25755 | 26266 | 26243 | 26088 | 1.11 | cps |
| Phosphorus | 31-2 | 4317 | 4324 | 4447 | 4363 | 1.68 | cps |
| Potassium | 39-2 | 259560 | 263748 | 263290 | 262199 | 0.88 | cps |
| Rhodium | 103-1 | 11228677 | 11377880 | 11418917 | 11341825 | 0.88 | cps |
| Rhodium | 103-2 | 6922941 | 6866253 | 6973997 | 6921064 | 0.78 | cps |
| Scandium | 45-1 | 6713168 | 6668870 | 6783645 | 6721894 | 0.86 | cps |
| Scandium | 45-2 | 607095 | 606979 | 611048 | 608374 | 0.38 | cps |
| Selenium | 82-1 | 299 | 251 | 209 | 253 | 17.82 | cps |
| Selenium | 77-2 | 177 | 173 | 170 | 173 | 1.92 | cps |
| Selenium | 78-2 | 553 | 587 | 617 | 586 | 5.41 | cps |
| Silicon | 28-1 | 73223456 | 75308867 | 74846069 | 74459464 | 1.47 | cps |
| Silver | 107-1 | 440 | 447 | 477 | 454 | 4.30 | cps |
| Silver | 109-1 | 400 | 327 | 293 | 340 | 16.05 | cps |
| Sodium | 23-2 | 4634574 | 4620826 | 4705539 | 4653646 | 0.98 | cps |
| Strontium | 86-1 | 389143 | 391925 | 400703 | 393923 | 1.53 | cps |
| Strontium | 88-1 | 3503475 | 3599865 | 3594446 | 3565929 | 1.52 | cps |
| Sulfur | 34-1 | 5230904 | 5316594 | 5331113 | 5292870 | 1.02 | cps |
| Terbium | 159-1 | 15900514 | 16197040 | 16246217 | 16114590 | 1.16 | cps |
| Terbium | 159-2 | 11268115 | 11287718 | 11113449 | 11223094 | 0.85 | cps |
| Thallium | 203-1 | 890 | 967 | 920 | 926 | 4.17 | cps |
| Thallium | 205-1 | 2257 | 2074 | 2097 | 2142 | 4.66 | cps |
| Tin | 118-1 | 3071 | 2670 | 2704 | 2815 | 7.89 | cps |
| Titanium | 47-1 | 3344 | 2990 | 3180 | 3171 | 5.58 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 15:57:58 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 46484 | 47260 | 47377 | 47041 | 1.03 | cps |
| Vanadium | 51-2 | 516649 | 516727 | 519906 | 517761 | 0.36 | cps |
| Yttrium | 89-1 | 20737089 | 20904103 | 20716206 | 20785799 | 0.50 | cps |
| Yttrium | 89-2 | 5847576 | 5820498 | 5875078 | 5847718 | 0.47 | cps |
| Zinc | 66-2 | 118331 | 117595 | 118004 | 117976 | 0.31 | cps |
| Zirconium | 90-1 | 9500 | 9216 | 9583 | 9433 | 2.04 | cps |
| Zirconium | 91-1 | 1953 | 2107 | 2097 | 2052 | 4.18 | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3629851 | 3653396 | 3707691 | 3663646 | 1.09 | cps |
| Antimony | 121-1 | 333 | 343 | 400 | 359 | 10.02 | cps |
| Arsenic | 75-2 | 600 | 633 | 560 | 598 | 6.14 | cps |
| Barium | 135-1 | 67261 | 67281 | 66464 | 67002 | 0.70 | cps |
| Barium | 137-1 | 116550 | 117453 | 117622 | 117208 | 0.49 | cps |
| Beryllium | 9-1 | 547 | 590 | 547 | 561 | 4.46 | cps |
| Bismuth | 209-1 | 9317470 | 9302235 | 9340197 | 9319967 | 0.20 | cps |
| Bismuth | 209-2 | 8171062 | 8104318 | 8211416 | 8162265 | 0.66 | cps |
| Bromine | 81-1 | 14697 | 15091 | 14661 | 14816 | 1.61 | cps |
| Bromine | 81-2 | 350 | 343 | 343 | 346 | 1.11 | cps |
| Cadmium | 108-1 | 33 | 57 | 50 | 47 | 25.76 | cps |
| Cadmium | 106-1 | 4948 | 5231 | 5128 | 5102 | 2.81 | cps |
| Cadmium | 111-1 | 1356 | 1475 | 1406 | 1412 | 4.24 | cps |
| Calcium | 43-1 | 1414130 | 1440541 | 1399659 | 1418110 | 1.46 | cps |
| Calcium | 44-1 | 22681024 | 22822426 | 22632870 | 22712107 | 0.43 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 20731 | 20784 | 20614 | 20710 | 0.42 | cps |
| Cobalt | 59-2 | 267202 | 267801 | 267717 | 267573 | 0.12 | cps |
| Copper | 63-2 | 44549 | 44202 | 44559 | 44437 | 0.46 | cps |
| Dysprosium | 156-1 | 84535 | 85478 | 84686 | 84900 | 0.60 | cps |
| Dysprosium | 156-2 | 69149 | 69641 | 69662 | 69484 | 0.42 | cps |
| Erbium | 164-1 | 110321 | 110700 | 111255 | 110759 | 0.42 | cps |
| Erbium | 164-2 | 81546 | 80999 | 82307 | 81618 | 0.80 | cps |
| Gadolinium | 160-1 | 89332 | 89863 | 91651 | 90282 | 1.35 | cps |
| Gadolinium | 160-2 | 68999 | 68851 | 69421 | 69090 | 0.43 | cps |
| Holmium | 165-1 | 15595192 | 15443222 | 15813121 | 15617178 | 1.19 | cps |
| Holmium | 165-2 | 11663792 | 11531933 | 11576388 | 11590704 | 0.58 | cps |
| Indium | 115-1 | 12519083 | 12346695 | 12757445 | 12541074 | 1.64 | cps |
| Indium | 115-2 | 4862098 | 4885865 | 4858210 | 4868724 | 0.31 | cps |
| Iron | 56-2 | 495645739 | 496888153 | 496080779 | 496204890 | 0.13 | cps |
| Iron | 57-2 | 12291213 | 12287149 | 12404439 | 12327601 | 0.54 | cps |
| Iron | 54-2 | 26971645 | 26920331 | 27151843 | 27014606 | 0.45 | cps |
| Krypton | 83-1 | 363 | 333 | 360 | 352 | 4.67 | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4307 | 4734 | 4434 | 4492 | 4.88 | cps |
| Lead | 207-1 | 3697 | 3447 | 3911 | 3685 | 6.30 | cps |
| Lead | 208-1 | 17211 | 17575 | 17608 | 17465 | 1.26 | cps |
| Lithium | 6-1 | 1973444 | 1884518 | 1921684 | 1926549 | 2.32 | cps |
| Magnesium | 24-2 | 9386159 | 9293923 | 9352807 | 9344297 | 0.50 | cps |
| Manganese | 55-2 | 6760307 | 6824103 | 6859546 | 6814652 | 0.74 | cps |
| Molybdenum | 94-1 | 3867 | 4004 | 3757 | 3876 | 3.19 | cps |
| Molybdenum | 95-1 | 667 | 590 | 647 | 634 | 6.27 | cps |
| Molybdenum | 96-1 | 6448 | 6318 | 6852 | 6539 | 4.25 | cps |
| Molybdenum | 97-1 | 443 | 413 | 430 | 429 | 3.51 | cps |
| Molybdenum | 98-1 | 720 | 730 | 793 | 748 | 5.32 | cps |
| Neodymium | 150-1 | 94255 | 95504 | 95487 | 95082 | 0.75 | cps |
| Neodymium | 150-2 | 58976 | 59890 | 60640 | 59835 | 1.39 | cps |
| Nickel | 60-2 | 26794 | 27522 | 27158 | 27158 | 1.34 | cps |
| Phosphorus | 31-2 | 4421 | 4654 | 4361 | 4478 | 3.46 | cps |
| Potassium | 39-2 | 268654 | 269445 | 269587 | 269229 | 0.19 | cps |
| Rhodium | 103-1 | 11662933 | 11412777 | 11482307 | 11519339 | 1.12 | cps |
| Rhodium | 103-2 | 7046124 | 7043949 | 7117077 | 7069050 | 0.59 | cps |
| Scandium | 45-1 | 6877034 | 6733629 | 6879192 | 6829952 | 1.22 | cps |
| Scandium | 45-2 | 613702 | 616592 | 621043 | 617112 | 0.60 | cps |
| Selenium | 82-1 | 252 | 269 | 236 | 253 | 6.49 | cps |
| Selenium | 77-2 | 223 | 207 | 160 | 197 | 16.69 | cps |
| Selenium | 78-2 | 590 | 547 | 570 | 569 | 3.81 | cps |
| Silicon | 28-1 | 76955221 | 78155462 | 78046931 | 77719204 | 0.85 | cps |
| Silver | 107-1 | 400 | 350 | 343 | 364 | 8.50 | cps |
| Silver | 109-1 | 230 | 263 | 283 | 259 | 10.41 | cps |
| Sodium | 23-2 | 4733597 | 4755661 | 4822877 | 4770711 | 0.97 | cps |
| Strontium | 86-1 | 409776 | 410853 | 411418 | 410682 | 0.20 | cps |
| Strontium | 88-1 | 3684595 | 3664415 | 3701672 | 3683561 | 0.51 | cps |
| Sulfur | 34-1 | 5503957 | 5578149 | 5526413 | 5536173 | 0.69 | cps |
| Terbium | 159-1 | 16143807 | 15739501 | 16331953 | 16071754 | 1.88 | cps |
| Terbium | 159-2 | 11376609 | 11379125 | 11420659 | 11392131 | 0.22 | cps |
| Thallium | 203-1 | 820 | 847 | 697 | 788 | 10.16 | cps |
| Thallium | 205-1 | 1787 | 1937 | 1883 | 1869 | 4.07 | cps |
| Tin | 118-1 | 2307 | 2394 | 2204 | 2301 | 4.13 | cps |
| Titanium | 47-1 | 2964 | 3314 | 3047 | 3108 | 5.88 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 46651 | 47745 | 48381 | 47593 | 1.84 | cps |
| Vanadium | 51-2 | 537309 | 537347 | 536698 | 537118 | 0.07 | cps |
| Yttrium | 89-1 | 20931165 | 20615443 | 21207631 | 20918080 | 1.42 | cps |
| Yttrium | 89-2 | 5991148 | 5952088 | 5949138 | 5964125 | 0.39 | cps |
| Zinc | 66-2 | 123011 | 121499 | 122235 | 122248 | 0.62 | cps |
| Zirconium | 90-1 | 8836 | 9146 | 9130 | 9037 | 1.93 | cps |
| Zirconium | 91-1 | 2087 | 2107 | 2094 | 2096 | 0.49 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 723286 | 729219 | 725294 | 725933 | 0.42 | cps |
| Antimony | 121-1 | 227 | 170 | 180 | 192 | 15.74 | cps |
| Arsenic | 75-2 | 137 | 137 | 123 | 132 | 5.82 | cps |
| Barium | 135-1 | 13617 | 13683 | 13627 | 13642 | 0.26 | cps |
| Barium | 137-1 | 23045 | 23566 | 24037 | 23550 | 2.11 | cps |
| Beryllium | 9-1 | 227 | 203 | 233 | 221 | 7.12 | cps |
| Bismuth | 209-1 | 9740890 | 9790797 | 9685010 | 9738899 | 0.54 | cps |
| Bismuth | 209-2 | 8349753 | 8310918 | 8397163 | 8352612 | 0.52 | cps |
| Bromine | 81-1 | 14998 | 14387 | 14344 | 14576 | 2.51 | cps |
| Bromine | 81-2 | 200 | 193 | 203 | 199 | 2.56 | cps |
| Cadmium | 108-1 | 7 | 13 | 13 | 11 | 34.61 | cps |
| Cadmium | 106-1 | 5034 | 4814 | 4571 | 4806 | 4.82 | cps |
| Cadmium | 111-1 | 1116 | 1043 | 1014 | 1058 | 4.98 | cps |
| Calcium | 43-1 | 291848 | 291115 | 291618 | 291527 | 0.13 | cps |
| Calcium | 44-1 | 4571026 | 4642159 | 4638309 | 4617165 | 0.87 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5501 | 5394 | 5648 | 5514 | 2.31 | cps |
| Cobalt | 59-2 | 54897 | 55094 | 54662 | 54884 | 0.39 | cps |
| Copper | 63-2 | 10504 | 11031 | 11108 | 10881 | 3.02 | cps |
| Dysprosium | 156-1 | 16697 | 17254 | 16563 | 16838 | 2.18 | cps |
| Dysprosium | 156-2 | 13537 | 14054 | 14030 | 13874 | 2.11 | cps |
| Erbium | 164-1 | 22051 | 21730 | 21997 | 21926 | 0.78 | cps |
| Erbium | 164-2 | 15923 | 16683 | 15839 | 16148 | 2.88 | cps |
| Gadolinium | 160-1 | 18392 | 17715 | 17571 | 17893 | 2.45 | cps |
| Gadolinium | 160-2 | 14024 | 14471 | 14014 | 14169 | 1.84 | cps |
| Holmium | 165-1 | 16119216 | 16273683 | 16053257 | 16148719 | 0.70 | cps |
| Holmium | 165-2 | 11617507 | 11628239 | 11703252 | 11649666 | 0.40 | cps |
| Indium | 115-1 | 13232881 | 13194797 | 13106862 | 13178180 | 0.49 | cps |
| Indium | 115-2 | 5010453 | 5029364 | 5060226 | 5033348 | 0.50 | cps |
| Iron | 56-2 | 100916489 | 101559382 | 100912595 | 101129488 | 0.37 | cps |
| Iron | 57-2 | 2518272 | 2518471 | 2527917 | 2521554 | 0.22 | cps |
| Iron | 54-2 | 5563364 | 5526944 | 5547922 | 5546077 | 0.33 | cps |
| Krypton | 83-1 | 200 | 233 | 240 | 224 | 9.55 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1417 | 1387 | 1410 | 1405 | 1.12 | cps |
| Lead | 207-1 | 1190 | 1167 | 1060 | 1139 | 6.09 | cps |
| Lead | 208-1 | 5504 | 5360 | 5454 | 5439 | 1.34 | cps |
| Lithium | 6-1 | 2041960 | 2010354 | 2009914 | 2020743 | 0.91 | cps |
| Magnesium | 24-2 | 1950766 | 1949647 | 1901889 | 1934100 | 1.44 | cps |
| Manganese | 55-2 | 1389038 | 1419479 | 1352533 | 1387017 | 2.42 | cps |
| Molybdenum | 94-1 | 1243 | 1263 | 1350 | 1286 | 4.41 | cps |
| Molybdenum | 95-1 | 617 | 630 | 603 | 617 | 2.16 | cps |
| Molybdenum | 96-1 | 1880 | 1880 | 1880 | 1880 | 0.00 | cps |
| Molybdenum | 97-1 | 360 | 413 | 377 | 383 | 7.12 | cps |
| Molybdenum | 98-1 | 967 | 897 | 890 | 918 | 4.63 | cps |
| Neodymium | 150-1 | 18926 | 19006 | 18629 | 18854 | 1.05 | cps |
| Neodymium | 150-2 | 11662 | 11942 | 11962 | 11855 | 1.42 | cps |
| Nickel | 60-2 | 5815 | 5811 | 6308 | 5978 | 4.78 | cps |
| Phosphorus | 31-2 | 1060 | 1113 | 873 | 1016 | 12.41 | cps |
| Potassium | 39-2 | 100187 | 102452 | 100727 | 101122 | 1.17 | cps |
| Rhodium | 103-1 | 12072276 | 12119788 | 12135596 | 12109220 | 0.27 | cps |
| Rhodium | 103-2 | 7369163 | 7369005 | 7415482 | 7384550 | 0.36 | cps |
| Scandium | 45-1 | 7112077 | 7170417 | 7207344 | 7163279 | 0.67 | cps |
| Scandium | 45-2 | 638208 | 641907 | 638862 | 639659 | 0.31 | cps |
| Selenium | 82-1 | 263 | 159 | 119 | 180 | 41.16 | cps |
| Selenium | 77-2 | 30 | 23 | 33 | 29 | 17.63 | cps |
| Selenium | 78-2 | 480 | 480 | 517 | 492 | 4.30 | cps |
| Silicon | 28-1 | 16337846 | 16275959 | 16474552 | 16362785 | 0.62 | cps |
| Silver | 107-1 | 263 | 187 | 187 | 212 | 20.86 | cps |
| Silver | 109-1 | 157 | 133 | 117 | 136 | 14.82 | cps |
| Sodium | 23-2 | 938817 | 946392 | 936451 | 940553 | 0.55 | cps |
| Strontium | 86-1 | 83062 | 83090 | 83545 | 83232 | 0.33 | cps |
| Strontium | 88-1 | 712155 | 715945 | 715656 | 714585 | 0.30 | cps |
| Sulfur | 34-1 | 1315790 | 1296394 | 1313395 | 1308526 | 0.81 | cps |
| Terbium | 159-1 | 16585329 | 16296014 | 16377055 | 16419466 | 0.91 | cps |
| Terbium | 159-2 | 11656724 | 11541283 | 11646922 | 11614976 | 0.55 | cps |
| Thallium | 203-1 | 587 | 657 | 637 | 627 | 5.75 | cps |
| Thallium | 205-1 | 1403 | 1490 | 1233 | 1376 | 9.49 | cps |
| Tin | 118-1 | 1797 | 1777 | 1800 | 1791 | 0.70 | cps |
| Titanium | 47-1 | 730 | 760 | 760 | 750 | 2.31 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 9483 | 9981 | 9163 | 9542 | 4.32 | cps |
| Vanadium | 51-2 | 109272 | 109493 | 108607 | 109124 | 0.42 | cps |
| Yttrium | 89-1 | 20089606 | 20409240 | 20223869 | 20240905 | 0.79 | cps |
| Yttrium | 89-2 | 5679013 | 5730104 | 5717535 | 5708884 | 0.47 | cps |
| Zinc | 66-2 | 25903 | 25809 | 25832 | 25848 | 0.19 | cps |
| Zirconium | 90-1 | 2454 | 2490 | 2510 | 2485 | 1.16 | cps |
| Zirconium | 91-1 | 503 | 487 | 483 | 491 | 2.18 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:07:36 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3781732 | 3807606 | 3774515 | 3787951 | 0.46 | cps |
| Antimony | 121-1 | 731216 | 758011 | 760278 | 749835 | 2.16 | cps |
| Arsenic | 75-2 | 42146 | 42059 | 42457 | 42221 | 0.50 | cps |
| Barium | 135-1 | 957574 | 988024 | 992538 | 979379 | 1.94 | cps |
| Barium | 137-1 | 1732960 | 1767582 | 1771412 | 1757318 | 1.21 | cps |
| Beryllium | 9-1 | 91091 | 94575 | 94236 | 93301 | 2.06 | cps |
| Bismuth | 209-1 | 9870819 | 9392705 | 9400843 | 9554789 | 2.86 | cps |
| Bismuth | 209-2 | 8138699 | 8096804 | 7897800 | 8044434 | 1.60 | cps |
| Bromine | 81-1 | 14854 | 14317 | 15175 | 14782 | 2.93 | cps |
| Bromine | 81-2 | 370 | 283 | 333 | 329 | 13.23 | cps |
| Cadmium | 108-1 | 14381 | 15085 | 15191 | 14886 | 2.96 | cps |
| Cadmium | 106-1 | 26284 | 26230 | 26197 | 26237 | 0.17 | cps |
| Cadmium | 111-1 | 204386 | 210927 | 209235 | 208182 | 1.63 | cps |
| Calcium | 43-1 | 1481907 | 1524262 | 1479755 | 1495308 | 1.68 | cps |
| Calcium | 44-1 | 23644956 | 24222842 | 24237025 | 24034941 | 1.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 318099 | 318885 | 316234 | 317739 | 0.43 | cps |
| Cobalt | 59-2 | 739677 | 736556 | 733144 | 736459 | 0.44 | cps |
| Copper | 63-2 | 2975619 | 2931518 | 2970705 | 2959281 | 0.82 | cps |
| Dysprosium | 156-1 | 77170 | 79466 | 81608 | 79415 | 2.79 | cps |
| Dysprosium | 156-2 | 66148 | 65160 | 66165 | 65824 | 0.87 | cps |
| Erbium | 164-1 | 100425 | 103775 | 104450 | 102883 | 2.10 | cps |
| Erbium | 164-2 | 75704 | 75680 | 76809 | 76064 | 0.85 | cps |
| Gadolinium | 160-1 | 82183 | 85787 | 85415 | 84461 | 2.35 | cps |
| Gadolinium | 160-2 | 66132 | 66115 | 64035 | 65427 | 1.84 | cps |
| Holmium | 165-1 | 16685481 | 16088028 | 15691327 | 16154945 | 3.10 | cps |
| Holmium | 165-2 | 11584299 | 11422626 | 11565999 | 11524308 | 0.77 | cps |
| Indium | 115-1 | 13527495 | 12852328 | 12716876 | 13032233 | 3.33 | cps |
| Indium | 115-2 | 4887389 | 4979845 | 4878611 | 4915282 | 1.14 | cps |
| Iron | 56-2 | 479923500 | 480171393 | 481491873 | 480528922 | 0.18 | cps |
| Iron | 57-2 | 11944603 | 11969245 | 11942978 | 11952275 | 0.12 | cps |
| Iron | 54-2 | 26462160 | 25971499 | 26153655 | 26195772 | 0.95 | cps |
| Krypton | 83-1 | 373 | 320 | 397 | 363 | 10.82 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:07:36 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2343953 | 2329842 | 2375585 | 2349793 | 1.00 | cps |
| Lead | 207-1 | 2061913 | 2098688 | 2098881 | 2086494 | 1.02 | cps |
| Lead | 208-1 | 9283677 | 9488598 | 9606851 | 9459709 | 1.73 | cps |
| Lithium | 6-1 | 2085319 | 1962858 | 1960008 | 2002729 | 3.57 | cps |
| Magnesium | 24-2 | 11048506 | 11063275 | 10980018 | 11030599 | 0.40 | cps |
| Manganese | 55-2 | 8411161 | 8313935 | 8440614 | 8388570 | 0.79 | cps |
| Molybdenum | 94-1 | 1714700 | 1777900 | 1781002 | 1757867 | 2.13 | cps |
| Molybdenum | 95-1 | 2230433 | 2247692 | 2310351 | 2262825 | 1.86 | cps |
| Molybdenum | 96-1 | 2441728 | 2548094 | 2541382 | 2510401 | 2.37 | cps |
| Molybdenum | 97-1 | 1319191 | 1382792 | 1376160 | 1359381 | 2.57 | cps |
| Molybdenum | 98-1 | 3493770 | 3609482 | 3609679 | 3570977 | 1.87 | cps |
| Neodymium | 150-1 | 86577 | 89663 | 89871 | 88703 | 2.08 | cps |
| Neodymium | 150-2 | 56124 | 56168 | 56141 | 56145 | 0.04 | cps |
| Nickel | 60-2 | 145134 | 144353 | 144613 | 144700 | 0.27 | cps |
| Phosphorus | 31-2 | 4174 | 4297 | 4361 | 4277 | 2.22 | cps |
| Potassium | 39-2 | 2059129 | 2061235 | 2077782 | 2066049 | 0.49 | cps |
| Rhodium | 103-1 | 12258393 | 11560471 | 11754466 | 11857776 | 3.04 | cps |
| Rhodium | 103-2 | 7050616 | 7052476 | 6990454 | 7031182 | 0.50 | cps |
| Scandium | 45-1 | 7463394 | 7049014 | 6973016 | 7161808 | 3.69 | cps |
| Scandium | 45-2 | 621909 | 622052 | 620924 | 621628 | 0.10 | cps |
| Selenium | 82-1 | 11665 | 12089 | 12433 | 12062 | 3.19 | cps |
| Selenium | 77-2 | 1517 | 1493 | 1427 | 1479 | 3.16 | cps |
| Selenium | 78-2 | 5208 | 5091 | 4971 | 5090 | 2.33 | cps |
| Silicon | 28-1 | 71180611 | 74111924 | 72970262 | 72754266 | 2.03 | cps |
| Silver | 107-1 | 1943 | 1843 | 1973 | 1920 | 3.55 | cps |
| Silver | 109-1 | 1140 | 1187 | 1193 | 1173 | 2.48 | cps |
| Sodium | 23-2 | 8095193 | 8054742 | 8027989 | 8059308 | 0.42 | cps |
| Strontium | 86-1 | 613260 | 625625 | 628235 | 622373 | 1.29 | cps |
| Strontium | 88-1 | 5463131 | 5621705 | 5613469 | 5566101 | 1.60 | cps |
| Sulfur | 34-1 | 5165630 | 5262615 | 5212289 | 5213511 | 0.93 | cps |
| Terbium | 159-1 | 17035377 | 16287432 | 16228773 | 16517194 | 2.72 | cps |
| Terbium | 159-2 | 11450177 | 11325103 | 11346715 | 11373998 | 0.59 | cps |
| Thallium | 203-1 | 692501 | 713934 | 713576 | 706670 | 1.74 | cps |
| Thallium | 205-1 | 1652619 | 1689284 | 1702326 | 1681409 | 1.53 | cps |
| Tin | 118-1 | 593443 | 617019 | 621920 | 610794 | 2.49 | cps |
| Titanium | 47-1 | 341484 | 352757 | 354476 | 349572 | 2.02 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:07:36 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2263627 | 2327039 | 2325223 | 2305296 | 1.57 | cps |
| Vanadium | 51-2 | 781192 | 781614 | 783371 | 782059 | 0.15 | cps |
| Yttrium | 89-1 | 22350335 | 21296313 | 21096548 | 21581065 | 3.12 | cps |
| Yttrium | 89-2 | 5909181 | 5929576 | 5846158 | 5894972 | 0.74 | cps |
| Zinc | 66-2 | 597018 | 594190 | 594577 | 595262 | 0.26 | cps |
| Zirconium | 90-1 | 1259442 | 1307211 | 1306079 | 1290911 | 2.11 | cps |
| Zirconium | 91-1 | 277701 | 288811 | 290049 | 285520 | 2.38 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:10:37 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3828782 | 3832214 | 3774188 | 3811728 | 0.85 | cps |
| Antimony | 121-1 | 749571 | 768738 | 767241 | 761850 | 1.40 | cps |
| Arsenic | 75-2 | 41782 | 41822 | 41615 | 41740 | 0.26 | cps |
| Barium | 135-1 | 987607 | 1006712 | 995759 | 996693 | 0.96 | cps |
| Barium | 137-1 | 1733943 | 1776910 | 1787248 | 1766034 | 1.60 | cps |
| Beryllium | 9-1 | 92329 | 94625 | 92526 | 93160 | 1.37 | cps |
| Bismuth | 209-1 | 9548879 | 9395182 | 9471707 | 9471923 | 0.81 | cps |
| Bismuth | 209-2 | 8135203 | 8141925 | 8091893 | 8123007 | 0.33 | cps |
| Bromine | 81-1 | 15044 | 14674 | 14938 | 14885 | 1.28 | cps |
| Bromine | 81-2 | 380 | 333 | 360 | 358 | 6.54 | cps |
| Cadmium | 108-1 | 14918 | 14981 | 15709 | 15203 | 2.89 | cps |
| Cadmium | 106-1 | 26548 | 26311 | 26945 | 26601 | 1.21 | cps |
| Cadmium | 111-1 | 208083 | 212857 | 210962 | 210634 | 1.14 | cps |
| Calcium | 43-1 | 1485885 | 1501616 | 1508818 | 1498773 | 0.78 | cps |
| Calcium | 44-1 | 23961637 | 24263866 | 24170959 | 24132154 | 0.64 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 320402 | 318140 | 316955 | 318499 | 0.55 | cps |
| Cobalt | 59-2 | 745984 | 739884 | 735185 | 740351 | 0.73 | cps |
| Copper | 63-2 | 3001650 | 2953873 | 2964920 | 2973481 | 0.84 | cps |
| Dysprosium | 156-1 | 78695 | 79909 | 80421 | 79675 | 1.11 | cps |
| Dysprosium | 156-2 | 66466 | 66316 | 66259 | 66347 | 0.16 | cps |
| Erbium | 164-1 | 103231 | 105430 | 105877 | 104846 | 1.35 | cps |
| Erbium | 164-2 | 75814 | 75593 | 76984 | 76130 | 0.98 | cps |
| Gadolinium | 160-1 | 83758 | 85921 | 86025 | 85235 | 1.50 | cps |
| Gadolinium | 160-2 | 65328 | 65944 | 65217 | 65497 | 0.60 | cps |
| Holmium | 165-1 | 15970829 | 15886284 | 15869928 | 15909014 | 0.34 | cps |
| Holmium | 165-2 | 11640630 | 11612608 | 11501299 | 11584846 | 0.64 | cps |
| Indium | 115-1 | 12711410 | 12894522 | 12563356 | 12723096 | 1.30 | cps |
| Indium | 115-2 | 4913649 | 4929448 | 4897998 | 4913698 | 0.32 | cps |
| Iron | 56-2 | 488029099 | 482609193 | 483490939 | 484709744 | 0.60 | cps |
| Iron | 57-2 | 12097682 | 12022607 | 11906606 | 12008965 | 0.80 | cps |
| Iron | 54-2 | 26385292 | 26214007 | 26260483 | 26286594 | 0.34 | cps |
| Krypton | 83-1 | 367 | 353 | 400 | 373 | 6.44 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:10:37 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2316692 | 2405600 | 2352397 | 2358230 | 1.90 | cps |
| Lead | 207-1 | 2083337 | 2091955 | 2128252 | 2101181 | 1.13 | cps |
| Lead | 208-1 | 9451595 | 9559461 | 9634028 | 9548361 | 0.96 | cps |
| Lithium | 6-1 | 1939813 | 1955209 | 1950430 | 1948484 | 0.40 | cps |
| Magnesium | 24-2 | 11011913 | 10856941 | 11031927 | 10966927 | 0.87 | cps |
| Manganese | 55-2 | 8492741 | 8315947 | 8370023 | 8392904 | 1.08 | cps |
| Molybdenum | 94-1 | 1754875 | 1762769 | 1785334 | 1767659 | 0.89 | cps |
| Molybdenum | 95-1 | 2210995 | 2300550 | 2282373 | 2264639 | 2.09 | cps |
| Molybdenum | 96-1 | 2513202 | 2536327 | 2539823 | 2529784 | 0.57 | cps |
| Molybdenum | 97-1 | 1372204 | 1379303 | 1377332 | 1376280 | 0.27 | cps |
| Molybdenum | 98-1 | 3615447 | 3632407 | 3606425 | 3618093 | 0.36 | cps |
| Neodymium | 150-1 | 88398 | 89652 | 90930 | 89660 | 1.41 | cps |
| Neodymium | 150-2 | 57590 | 56238 | 55606 | 56478 | 1.80 | cps |
| Nickel | 60-2 | 145417 | 147123 | 145545 | 146028 | 0.65 | cps |
| Phosphorus | 31-2 | 4114 | 4301 | 4257 | 4224 | 2.31 | cps |
| Potassium | 39-2 | 2068456 | 2070170 | 2081048 | 2073225 | 0.33 | cps |
| Rhodium | 103-1 | 11743447 | 11708673 | 11624913 | 11692344 | 0.52 | cps |
| Rhodium | 103-2 | 7131463 | 7130849 | 7018561 | 7093625 | 0.92 | cps |
| Scandium | 45-1 | 7050667 | 7056624 | 6898349 | 7001880 | 1.28 | cps |
| Scandium | 45-2 | 624319 | 624083 | 621419 | 623274 | 0.26 | cps |
| Selenium | 82-1 | 12258 | 12345 | 12180 | 12261 | 0.67 | cps |
| Selenium | 77-2 | 1520 | 1467 | 1377 | 1455 | 4.98 | cps |
| Selenium | 78-2 | 5288 | 5011 | 5281 | 5193 | 3.04 | cps |
| Silicon | 28-1 | 73112989 | 73649642 | 74031897 | 73598176 | 0.63 | cps |
| Silver | 107-1 | 1957 | 1953 | 1937 | 1949 | 0.55 | cps |
| Silver | 109-1 | 1153 | 1003 | 1120 | 1092 | 7.21 | cps |
| Sodium | 23-2 | 8085621 | 7922532 | 8102348 | 8036834 | 1.24 | cps |
| Strontium | 86-1 | 624405 | 632747 | 636826 | 631326 | 1.00 | cps |
| Strontium | 88-1 | 5591074 | 5642875 | 5599562 | 5611170 | 0.50 | cps |
| Sulfur | 34-1 | 5159129 | 5170384 | 5277631 | 5202381 | 1.26 | cps |
| Terbium | 159-1 | 16395870 | 16270777 | 16042543 | 16236397 | 1.10 | cps |
| Terbium | 159-2 | 11485853 | 11341646 | 11503579 | 11443693 | 0.78 | cps |
| Thallium | 203-1 | 709839 | 722790 | 723027 | 718552 | 1.05 | cps |
| Thallium | 205-1 | 1678852 | 1710548 | 1715845 | 1701748 | 1.18 | cps |
| Tin | 118-1 | 609420 | 618486 | 629821 | 619242 | 1.65 | cps |
| Titanium | 47-1 | 348537 | 353986 | 353547 | 352023 | 0.86 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:10:37 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2254975 | 2364100 | 2332415 | 2317164 | 2.42 | cps |
| Vanadium | 51-2 | 788223 | 783243 | 779898 | 783788 | 0.53 | cps |
| Yttrium | 89-1 | 21461582 | 21234071 | 20984032 | 21226562 | 1.13 | cps |
| Yttrium | 89-2 | 5978172 | 5990268 | 5891233 | 5953224 | 0.91 | cps |
| Zinc | 66-2 | 601880 | 598081 | 594848 | 598270 | 0.59 | cps |
| Zirconium | 90-1 | 1294800 | 1316249 | 1309481 | 1306843 | 0.84 | cps |
| Zirconium | 91-1 | 287119 | 289612 | 293030 | 289921 | 1.02 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3775631 | 3732231 | 3740715 | 3749526 | 0.61 | cps |
| Antimony | 121-1 | 750674 | 758079 | 761767 | 756840 | 0.75 | cps |
| Arsenic | 75-2 | 41521 | 41675 | 42143 | 41780 | 0.77 | cps |
| Barium | 135-1 | 986297 | 992924 | 999811 | 993011 | 0.68 | cps |
| Barium | 137-1 | 1778727 | 1791180 | 1804101 | 1791336 | 0.71 | cps |
| Beryllium | 9-1 | 93234 | 93455 | 93546 | 93412 | 0.17 | cps |
| Bismuth | 209-1 | 9884950 | 9587464 | 9442841 | 9638419 | 2.34 | cps |
| Bismuth | 209-2 | 8184589 | 8181759 | 8176868 | 8181072 | 0.05 | cps |
| Bromine | 81-1 | 14814 | 14671 | 14984 | 14823 | 1.06 | cps |
| Bromine | 81-2 | 377 | 313 | 367 | 352 | 9.67 | cps |
| Cadmium | 108-1 | 14584 | 14627 | 14961 | 14724 | 1.40 | cps |
| Cadmium | 106-1 | 26170 | 25963 | 26648 | 26260 | 1.34 | cps |
| Cadmium | 111-1 | 207880 | 210263 | 209937 | 209360 | 0.62 | cps |
| Calcium | 43-1 | 1496136 | 1494087 | 1511232 | 1500485 | 0.62 | cps |
| Calcium | 44-1 | 23979347 | 24071078 | 24105836 | 24052087 | 0.27 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 317940 | 318106 | 314941 | 316996 | 0.56 | cps |
| Cobalt | 59-2 | 739285 | 735044 | 737022 | 737117 | 0.29 | cps |
| Copper | 63-2 | 2946120 | 2922510 | 2909094 | 2925908 | 0.64 | cps |
| Dysprosium | 156-1 | 79134 | 79832 | 80851 | 79939 | 1.08 | cps |
| Dysprosium | 156-2 | 65579 | 66396 | 65659 | 65878 | 0.68 | cps |
| Erbium | 164-1 | 101992 | 103550 | 104910 | 103484 | 1.41 | cps |
| Erbium | 164-2 | 75472 | 76722 | 76253 | 76149 | 0.83 | cps |
| Gadolinium | 160-1 | 84281 | 85790 | 84540 | 84870 | 0.95 | cps |
| Gadolinium | 160-2 | 65060 | 64939 | 64819 | 64939 | 0.19 | cps |
| Holmium | 165-1 | 16480535 | 16235747 | 16027979 | 16248087 | 1.39 | cps |
| Holmium | 165-2 | 11614323 | 11713889 | 11733944 | 11687385 | 0.55 | cps |
| Indium | 115-1 | 13433359 | 12827830 | 12775685 | 13012291 | 2.81 | cps |
| Indium | 115-2 | 4969837 | 4954278 | 4946822 | 4956979 | 0.24 | cps |
| Iron | 56-2 | 484187953 | 480435766 | 478946833 | 481190184 | 0.56 | cps |
| Iron | 57-2 | 12075019 | 11793824 | 11982049 | 11950297 | 1.20 | cps |
| Iron | 54-2 | 26386310 | 26072190 | 26064993 | 26174498 | 0.70 | cps |
| Krypton | 83-1 | 387 | 323 | 393 | 368 | 10.50 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2307388 | 2407730 | 2319283 | 2344800 | 2.34 | cps |
| Lead | 207-1 | 2084018 | 2083396 | 2105783 | 2091066 | 0.61 | cps |
| Lead | 208-1 | 9478107 | 9590486 | 9466000 | 9511531 | 0.72 | cps |
| Lithium | 6-1 | 1984983 | 1968248 | 1975597 | 1976276 | 0.42 | cps |
| Magnesium | 24-2 | 10943998 | 10841637 | 10821988 | 10869208 | 0.60 | cps |
| Manganese | 55-2 | 8413049 | 8241580 | 8350956 | 8335195 | 1.04 | cps |
| Molybdenum | 94-1 | 1726899 | 1754731 | 1731706 | 1737779 | 0.86 | cps |
| Molybdenum | 95-1 | 2225074 | 2256526 | 2257460 | 2246353 | 0.82 | cps |
| Molybdenum | 96-1 | 2513596 | 2549342 | 2513531 | 2525489 | 0.82 | cps |
| Molybdenum | 97-1 | 1357740 | 1372291 | 1384767 | 1371599 | 0.99 | cps |
| Molybdenum | 98-1 | 3566638 | 3642826 | 3619013 | 3609492 | 1.08 | cps |
| Neodymium | 150-1 | 88921 | 89683 | 89250 | 89285 | 0.43 | cps |
| Neodymium | 150-2 | 56496 | 56278 | 56392 | 56389 | 0.19 | cps |
| Nickel | 60-2 | 143946 | 144875 | 142899 | 143907 | 0.69 | cps |
| Phosphorus | 31-2 | 4361 | 4301 | 4387 | 4350 | 1.02 | cps |
| Potassium | 39-2 | 2048656 | 2036711 | 2043284 | 2042883 | 0.29 | cps |
| Rhodium | 103-1 | 11910107 | 11840032 | 11750290 | 11833476 | 0.68 | cps |
| Rhodium | 103-2 | 7165729 | 7122691 | 7134937 | 7141119 | 0.31 | cps |
| Scandium | 45-1 | 7266469 | 7054872 | 7006509 | 7109283 | 1.94 | cps |
| Scandium | 45-2 | 623882 | 623572 | 623043 | 623499 | 0.07 | cps |
| Selenium | 82-1 | 12010 | 12524 | 12262 | 12265 | 2.09 | cps |
| Selenium | 77-2 | 1367 | 1577 | 1473 | 1472 | 7.13 | cps |
| Selenium | 78-2 | 4948 | 4961 | 4974 | 4961 | 0.27 | cps |
| Silicon | 28-1 | 72522522 | 73862982 | 73534634 | 73306713 | 0.95 | cps |
| Silver | 107-1 | 1940 | 1870 | 2100 | 1970 | 5.98 | cps |
| Silver | 109-1 | 1100 | 1180 | 1037 | 1106 | 6.50 | cps |
| Sodium | 23-2 | 8079540 | 8008478 | 7983606 | 8023875 | 0.62 | cps |
| Strontium | 86-1 | 623560 | 626730 | 629857 | 626715 | 0.50 | cps |
| Strontium | 88-1 | 5549220 | 5628449 | 5515620 | 5564430 | 1.04 | cps |
| Sulfur | 34-1 | 5254919 | 5212168 | 5217487 | 5228191 | 0.45 | cps |
| Terbium | 159-1 | 16914547 | 16650166 | 16197509 | 16587408 | 2.19 | cps |
| Terbium | 159-2 | 11578179 | 11648969 | 11466325 | 11564491 | 0.80 | cps |
| Thallium | 203-1 | 707187 | 716061 | 717889 | 713713 | 0.80 | cps |
| Thallium | 205-1 | 1678490 | 1707710 | 1718348 | 1701516 | 1.21 | cps |
| Tin | 118-1 | 610603 | 625124 | 622903 | 619543 | 1.26 | cps |
| Titanium | 47-1 | 346660 | 351367 | 353014 | 350347 | 0.94 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2291165 | 2316696 | 2355180 | 2321013 | 1.39 | cps |
| Vanadium | 51-2 | 781435 | 774282 | 776216 | 777311 | 0.48 | cps |
| Yttrium | 89-1 | 21769496 | 21445656 | 21036834 | 21417328 | 1.71 | cps |
| Yttrium | 89-2 | 5921115 | 5955756 | 5956963 | 5944611 | 0.34 | cps |
| Zinc | 66-2 | 592224 | 593805 | 590252 | 592094 | 0.30 | cps |
| Zirconium | 90-1 | 1282337 | 1310456 | 1311866 | 1301553 | 1.28 | cps |
| Zirconium | 91-1 | 286885 | 290419 | 289599 | 288968 | 0.64 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3431505 | 3474415 | 3509631 | 3471850 | 1.13 | cps |
| Antimony | 121-1 | 890 | 773 | 753 | 806 | 9.16 | cps |
| Arsenic | 75-2 | 520 | 493 | 507 | 507 | 2.63 | cps |
| Barium | 135-1 | 63370 | 63752 | 62771 | 63298 | 0.78 | cps |
| Barium | 137-1 | 109632 | 110744 | 108920 | 109765 | 0.84 | cps |
| Beryllium | 9-1 | 770 | 537 | 627 | 644 | 18.26 | cps |
| Bismuth | 209-1 | 9600055 | 9429002 | 9455870 | 9494975 | 0.97 | cps |
| Bismuth | 209-2 | 8228648 | 7832388 | 8054036 | 8038357 | 2.47 | cps |
| Bromine | 81-1 | 15782 | 15108 | 15285 | 15391 | 2.27 | cps |
| Bromine | 81-2 | 360 | 360 | 320 | 347 | 6.66 | cps |
| Cadmium | 108-1 | 40 | 50 | 33 | 41 | 20.41 | cps |
| Cadmium | 106-1 | 5294 | 4968 | 5284 | 5182 | 3.59 | cps |
| Cadmium | 111-1 | 1419 | 1427 | 1400 | 1415 | 0.97 | cps |
| Calcium | 43-1 | 1284603 | 1312776 | 1306757 | 1301379 | 1.14 | cps |
| Calcium | 44-1 | 20546423 | 21003061 | 21092188 | 20880558 | 1.40 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 16299 | 16145 | 16556 | 16333 | 1.27 | cps |
| Cobalt | 59-2 | 278955 | 280116 | 276922 | 278665 | 0.58 | cps |
| Copper | 63-2 | 41320 | 40458 | 40625 | 40801 | 1.12 | cps |
| Dysprosium | 156-1 | 81954 | 83345 | 83231 | 82843 | 0.93 | cps |
| Dysprosium | 156-2 | 68724 | 69239 | 67498 | 68487 | 1.31 | cps |
| Erbium | 164-1 | 107724 | 110254 | 110942 | 109640 | 1.55 | cps |
| Erbium | 164-2 | 80333 | 80326 | 78713 | 79791 | 1.17 | cps |
| Gadolinium | 160-1 | 87498 | 89423 | 88209 | 88376 | 1.10 | cps |
| Gadolinium | 160-2 | 67468 | 68295 | 68804 | 68189 | 0.99 | cps |
| Holmium | 165-1 | 15978492 | 16086121 | 16100323 | 16054979 | 0.41 | cps |
| Holmium | 165-2 | 11762634 | 11211693 | 11506408 | 11493578 | 2.40 | cps |
| Indium | 115-1 | 13067058 | 13047718 | 12858888 | 12991221 | 0.89 | cps |
| Indium | 115-2 | 5029327 | 4717571 | 4880728 | 4875875 | 3.20 | cps |
| Iron | 56-2 | 499091006 | 494497339 | 494074286 | 495887544 | 0.56 | cps |
| Iron | 57-2 | 12391804 | 12255424 | 12295139 | 12314122 | 0.57 | cps |
| Iron | 54-2 | 26951716 | 27181782 | 26794276 | 26975925 | 0.72 | cps |
| Krypton | 83-1 | 433 | 347 | 433 | 404 | 12.37 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3877 | 3761 | 3684 | 3774 | 2.58 | cps |
| Lead | 207-1 | 3080 | 3030 | 3114 | 3075 | 1.36 | cps |
| Lead | 208-1 | 15330 | 14533 | 14500 | 14788 | 3.18 | cps |
| Lithium | 6-1 | 1987318 | 1983226 | 1953344 | 1974629 | 0.94 | cps |
| Magnesium | 24-2 | 7950526 | 7895833 | 7970866 | 7939075 | 0.49 | cps |
| Manganese | 55-2 | 6692920 | 6665000 | 6663870 | 6673930 | 0.25 | cps |
| Molybdenum | 94-1 | 5698 | 5578 | 5618 | 5631 | 1.09 | cps |
| Molybdenum | 95-1 | 1107 | 977 | 807 | 963 | 15.62 | cps |
| Molybdenum | 96-1 | 7032 | 7269 | 6965 | 7088 | 2.25 | cps |
| Molybdenum | 97-1 | 620 | 583 | 553 | 586 | 5.70 | cps |
| Molybdenum | 98-1 | 1437 | 1327 | 1010 | 1258 | 17.61 | cps |
| Neodymium | 150-1 | 89697 | 93866 | 91873 | 91812 | 2.27 | cps |
| Neodymium | 150-2 | 57992 | 58424 | 57483 | 57966 | 0.81 | cps |
| Nickel | 60-2 | 17520 | 16893 | 17384 | 17266 | 1.91 | cps |
| Phosphorus | 31-2 | 4064 | 3684 | 3700 | 3816 | 5.63 | cps |
| Potassium | 39-2 | 285201 | 285444 | 285261 | 285302 | 0.04 | cps |
| Rhodium | 103-1 | 11944250 | 11718183 | 11967076 | 11876503 | 1.16 | cps |
| Rhodium | 103-2 | 7229312 | 6885079 | 7132078 | 7082156 | 2.51 | cps |
| Scandium | 45-1 | 7122363 | 7021967 | 7113744 | 7086025 | 0.79 | cps |
| Scandium | 45-2 | 636801 | 605636 | 621955 | 621464 | 2.51 | cps |
| Selenium | 82-1 | 190 | 241 | 192 | 208 | 13.81 | cps |
| Selenium | 77-2 | 147 | 187 | 200 | 178 | 15.61 | cps |
| Selenium | 78-2 | 610 | 593 | 597 | 600 | 1.47 | cps |
| Silicon | 28-1 | 83298050 | 84572575 | 84590627 | 84153751 | 0.88 | cps |
| Silver | 107-1 | 280 | 273 | 340 | 298 | 12.33 | cps |
| Silver | 109-1 | 207 | 227 | 180 | 204 | 11.45 | cps |
| Sodium | 23-2 | 4215515 | 4254037 | 4287346 | 4252299 | 0.85 | cps |
| Strontium | 86-1 | 409812 | 417728 | 415814 | 414451 | 1.00 | cps |
| Strontium | 88-1 | 3685685 | 3759563 | 3798313 | 3747854 | 1.53 | cps |
| Sulfur | 34-1 | 5110791 | 5085057 | 5184366 | 5126738 | 1.01 | cps |
| Terbium | 159-1 | 16860394 | 16299769 | 16477324 | 16545829 | 1.73 | cps |
| Terbium | 159-2 | 11711590 | 11079275 | 11440000 | 11410288 | 2.78 | cps |
| Thallium | 203-1 | 827 | 723 | 647 | 732 | 12.34 | cps |
| Thallium | 205-1 | 1717 | 1580 | 1413 | 1570 | 9.68 | cps |
| Tin | 118-1 | 3024 | 3157 | 2954 | 3045 | 3.39 | cps |
| Titanium | 47-1 | 3324 | 3377 | 3434 | 3378 | 1.63 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 46217 | 46284 | 47260 | 46587 | 1.25 | cps |
| Vanadium | 51-2 | 502634 | 502224 | 499427 | 501428 | 0.35 | cps |
| Yttrium | 89-1 | 21716986 | 21669580 | 21818418 | 21734995 | 0.35 | cps |
| Yttrium | 89-2 | 6120358 | 5798230 | 5964413 | 5961000 | 2.70 | cps |
| Zinc | 66-2 | 128829 | 128039 | 129398 | 128756 | 0.53 | cps |
| Zirconium | 90-1 | 12826 | 13610 | 12946 | 13127 | 3.22 | cps |
| Zirconium | 91-1 | 2927 | 2924 | 2950 | 2934 | 0.50 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3241465 | 3193761 | 3214910 | 3216712 | 0.74 | cps |
| Antimony | 121-1 | 400 | 343 | 353 | 366 | 8.27 | cps |
| Arsenic | 75-2 | 607 | 557 | 527 | 563 | 7.17 | cps |
| Barium | 135-1 | 64294 | 65312 | 64857 | 64821 | 0.79 | cps |
| Barium | 137-1 | 112678 | 113586 | 113159 | 113141 | 0.40 | cps |
| Beryllium | 9-1 | 483 | 570 | 583 | 546 | 9.95 | cps |
| Bismuth | 209-1 | 9536558 | 9515454 | 9389292 | 9480435 | 0.84 | cps |
| Bismuth | 209-2 | 8291501 | 8190854 | 8225423 | 8235926 | 0.62 | cps |
| Bromine | 81-1 | 15245 | 15432 | 15001 | 15226 | 1.42 | cps |
| Bromine | 81-2 | 300 | 353 | 370 | 341 | 10.72 | cps |
| Cadmium | 108-1 | 20 | 37 | 13 | 23 | 51.52 | cps |
| Cadmium | 106-1 | 5208 | 5001 | 5114 | 5108 | 2.03 | cps |
| Cadmium | 111-1 | 1437 | 1379 | 1410 | 1409 | 2.08 | cps |
| Calcium | 43-1 | 1610528 | 1598780 | 1642911 | 1617406 | 1.41 | cps |
| Calcium | 44-1 | 25472871 | 25673981 | 25981896 | 25709583 | 1.00 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 15121 | 14714 | 14584 | 14806 | 1.89 | cps |
| Cobalt | 59-2 | 263820 | 262529 | 262020 | 262790 | 0.35 | cps |
| Copper | 63-2 | 32883 | 32512 | 32138 | 32511 | 1.15 | cps |
| Dysprosium | 156-1 | 81944 | 82678 | 84589 | 83070 | 1.64 | cps |
| Dysprosium | 156-2 | 68861 | 69380 | 69256 | 69166 | 0.39 | cps |
| Erbium | 164-1 | 112334 | 111806 | 113013 | 112384 | 0.54 | cps |
| Erbium | 164-2 | 82310 | 83373 | 83112 | 82932 | 0.67 | cps |
| Gadolinium | 160-1 | 90184 | 89359 | 90342 | 89962 | 0.59 | cps |
| Gadolinium | 160-2 | 69411 | 69139 | 68554 | 69034 | 0.63 | cps |
| Holmium | 165-1 | 16109245 | 16092451 | 16147600 | 16116432 | 0.18 | cps |
| Holmium | 165-2 | 11742083 | 11888582 | 11675439 | 11768702 | 0.93 | cps |
| Indium | 115-1 | 13032635 | 12961335 | 12911686 | 12968552 | 0.47 | cps |
| Indium | 115-2 | 4990498 | 5003359 | 4927610 | 4973823 | 0.81 | cps |
| Iron | 56-2 | 494706993 | 497722339 | 493063139 | 495164157 | 0.48 | cps |
| Iron | 57-2 | 12265605 | 12207627 | 12150860 | 12208031 | 0.47 | cps |
| Iron | 54-2 | 26890028 | 26826117 | 26805853 | 26840666 | 0.16 | cps |
| Krypton | 83-1 | 410 | 433 | 383 | 409 | 6.12 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2760 | 2747 | 2894 | 2800 | 2.90 | cps |
| Lead | 207-1 | 2244 | 2347 | 2324 | 2305 | 2.35 | cps |
| Lead | 208-1 | 10882 | 10925 | 10922 | 10910 | 0.22 | cps |
| Lithium | 6-1 | 1945180 | 1967487 | 1946948 | 1953205 | 0.63 | cps |
| Magnesium | 24-2 | 8255291 | 8238647 | 8191736 | 8228558 | 0.40 | cps |
| Manganese | 55-2 | 7806738 | 7746857 | 7775567 | 7776388 | 0.39 | cps |
| Molybdenum | 94-1 | 4401 | 4254 | 4051 | 4235 | 4.15 | cps |
| Molybdenum | 95-1 | 637 | 647 | 510 | 598 | 12.75 | cps |
| Molybdenum | 96-1 | 6725 | 6588 | 6495 | 6603 | 1.75 | cps |
| Molybdenum | 97-1 | 423 | 357 | 407 | 396 | 8.77 | cps |
| Molybdenum | 98-1 | 750 | 650 | 620 | 673 | 10.11 | cps |
| Neodymium | 150-1 | 92008 | 92936 | 92246 | 92397 | 0.52 | cps |
| Neodymium | 150-2 | 57537 | 57724 | 57898 | 57720 | 0.31 | cps |
| Nickel | 60-2 | 16803 | 16723 | 16846 | 16791 | 0.37 | cps |
| Phosphorus | 31-2 | 2887 | 2830 | 3010 | 2909 | 3.16 | cps |
| Potassium | 39-2 | 279655 | 280341 | 279961 | 279986 | 0.12 | cps |
| Rhodium | 103-1 | 11941320 | 11837278 | 11959654 | 11912751 | 0.55 | cps |
| Rhodium | 103-2 | 7303562 | 7176607 | 7118129 | 7199433 | 1.32 | cps |
| Scandium | 45-1 | 7129118 | 7046491 | 7069278 | 7081629 | 0.60 | cps |
| Scandium | 45-2 | 637442 | 627789 | 627350 | 630860 | 0.90 | cps |
| Selenium | 82-1 | 169 | 220 | 227 | 205 | 15.36 | cps |
| Selenium | 77-2 | 150 | 150 | 163 | 154 | 4.99 | cps |
| Selenium | 78-2 | 637 | 657 | 560 | 618 | 8.26 | cps |
| Silicon | 28-1 | 77449106 | 77719772 | 76946141 | 77371673 | 0.51 | cps |
| Silver | 107-1 | 327 | 273 | 253 | 284 | 13.33 | cps |
| Silver | 109-1 | 223 | 197 | 257 | 226 | 13.33 | cps |
| Sodium | 23-2 | 3861925 | 3872939 | 3805564 | 3846809 | 0.94 | cps |
| Strontium | 86-1 | 469403 | 471414 | 470351 | 470389 | 0.21 | cps |
| Strontium | 88-1 | 4151510 | 4246423 | 4253922 | 4217285 | 1.35 | cps |
| Sulfur | 34-1 | 5340448 | 5372494 | 5423961 | 5378968 | 0.78 | cps |
| Terbium | 159-1 | 16598229 | 16385204 | 16659855 | 16547763 | 0.87 | cps |
| Terbium | 159-2 | 11549920 | 11561393 | 11514958 | 11542090 | 0.21 | cps |
| Thallium | 203-1 | 537 | 500 | 543 | 527 | 4.43 | cps |
| Thallium | 205-1 | 1353 | 1257 | 1247 | 1286 | 4.58 | cps |
| Tin | 118-1 | 2614 | 2620 | 2597 | 2610 | 0.46 | cps |
| Titanium | 47-1 | 2747 | 2664 | 2897 | 2769 | 4.27 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 49298 | 50833 | 50583 | 50238 | 1.64 | cps |
| Vanadium | 51-2 | 511360 | 510974 | 509851 | 510728 | 0.15 | cps |
| Yttrium | 89-1 | 21721356 | 21503740 | 21618163 | 21614419 | 0.50 | cps |
| Yttrium | 89-2 | 6104724 | 6060708 | 6041407 | 6068946 | 0.53 | cps |
| Zinc | 66-2 | 124332 | 124991 | 123001 | 124108 | 0.82 | cps |
| Zirconium | 90-1 | 9947 | 10391 | 10437 | 10258 | 2.64 | cps |
| Zirconium | 91-1 | 2290 | 2204 | 2394 | 2296 | 4.14 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:23:02 | DataFile Name : | 029CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13477244 | 13639258 | 13492823 | 13536442 | 0.66 | cps |
| Antimony | 121-1 | 5971587 | 5958107 | 6103416 | 6011037 | 1.34 | cps |
| Arsenic | 75-2 | 294414 | 292871 | 295084 | 294123 | 0.39 | cps |
| Barium | 135-1 | 7809731 | 7795415 | 7791435 | 7798860 | 0.12 | cps |
| Barium | 137-1 | 13318566 | 13314955 | 13295092 | 13309538 | 0.09 | cps |
| Beryllium | 9-1 | 701548 | 699275 | 700306 | 700376 | 0.16 | cps |
| Bismuth | 209-1 | 8906370 | 8833549 | 9022793 | 8920904 | 1.07 | cps |
| Bismuth | 209-2 | 7496066 | 7426991 | 7374316 | 7432458 | 0.82 | cps |
| Bromine | 81-1 | 12959 | 12812 | 12192 | 12654 | 3.22 | cps |
| Bromine | 81-2 | 87 | 93 | 117 | 99 | 15.93 | cps |
| Cadmium | 108-1 | 107931 | 108286 | 107286 | 107834 | 0.47 | cps |
| Cadmium | 106-1 | 156071 | 155276 | 155071 | 155473 | 0.34 | cps |
| Cadmium | 111-1 | 1464333 | 1464676 | 1460022 | 1463011 | 0.18 | cps |
| Calcium | 43-1 | 7755794 | 7582216 | 7513852 | 7617287 | 1.64 | cps |
| Calcium | 44-1 | 124457961 | 121182492 | 120936125 | 122192193 | 1.61 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2287988 | 2290773 | 2295919 | 2291560 | 0.18 | cps |
| Cobalt | 59-2 | 3520498 | 3547222 | 3557261 | 3541660 | 0.54 | cps |
| Copper | 63-2 | 24313415 | 24290920 | 24519575 | 24374637 | 0.52 | cps |
| Dysprosium | 156-1 | 387 | 320 | 347 | 351 | 9.56 | cps |
| Dysprosium | 156-2 | 497 | 560 | 593 | 550 | 8.93 | cps |
| Erbium | 164-1 | 300 | 337 | 387 | 341 | 12.75 | cps |
| Erbium | 164-2 | 203 | 243 | 257 | 234 | 11.84 | cps |
| Gadolinium | 160-1 | 343 | 297 | 357 | 332 | 9.48 | cps |
| Gadolinium | 160-2 | 797 | 693 | 780 | 757 | 7.33 | cps |
| Holmium | 165-1 | 15698037 | 15489793 | 15292720 | 15493516 | 1.31 | cps |
| Holmium | 165-2 | 11347194 | 11002935 | 11045636 | 11131922 | 1.69 | cps |
| Indium | 115-1 | 11910389 | 11665525 | 11642643 | 11739519 | 1.26 | cps |
| Indium | 115-2 | 4439901 | 4387199 | 4415313 | 4414138 | 0.60 | cps |
| Iron | 56-2 | 537223752 | 539811592 | 536777365 | 537937570 | 0.30 | cps |
| Iron | 57-2 | 13444590 | 13594097 | 13478755 | 13505814 | 0.58 | cps |
| Iron | 54-2 | 29173711 | 29334285 | 29148840 | 29218945 | 0.34 | cps |
| Krypton | 83-1 | 177 | 193 | 180 | 183 | 4.81 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:23:02 | DataFile Name : | 029CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23015270 | 23469292 | 23340616 | 23275059 | 1.01 | cps |
| Lead | 207-1 | 20430601 | 20575376 | 20692825 | 20566267 | 0.64 | cps |
| Lead | 208-1 | 92919083 | 93789352 | 94113816 | 93607417 | 0.66 | cps |
| Lithium | 6-1 | 1858311 | 1853715 | 1845572 | 1852533 | 0.35 | cps |
| Magnesium | 24-2 | 104081072 | 104483058 | 104562135 | 104375422 | 0.25 | cps |
| Manganese | 55-2 | 18739691 | 18972418 | 18715253 | 18809120 | 0.75 | cps |
| Molybdenum | 94-1 | 20689576 | 20364924 | 20413994 | 20489498 | 0.85 | cps |
| Molybdenum | 95-1 | 30101695 | 29444797 | 29762453 | 29769648 | 1.10 | cps |
| Molybdenum | 96-1 | 33253272 | 32474868 | 32377100 | 32701746 | 1.47 | cps |
| Molybdenum | 97-1 | 18781843 | 18591251 | 18311048 | 18561381 | 1.28 | cps |
| Molybdenum | 98-1 | 48090596 | 48244258 | 47516954 | 47950603 | 0.80 | cps |
| Neodymium | 150-1 | 490 | 503 | 470 | 488 | 3.44 | cps |
| Neodymium | 150-2 | 173 | 147 | 173 | 164 | 9.36 | cps |
| Nickel | 60-2 | 834252 | 838412 | 832425 | 835030 | 0.37 | cps |
| Phosphorus | 31-2 | 120973 | 120990 | 121961 | 121308 | 0.47 | cps |
| Potassium | 39-2 | 68077352 | 68617587 | 67822334 | 68172425 | 0.60 | cps |
| Rhodium | 103-1 | 10540264 | 10446854 | 10290002 | 10425707 | 1.21 | cps |
| Rhodium | 103-2 | 6275039 | 6214421 | 6184507 | 6224656 | 0.74 | cps |
| Scandium | 45-1 | 6613123 | 6456138 | 6330222 | 6466494 | 2.19 | cps |
| Scandium | 45-2 | 562669 | 569743 | 563278 | 565230 | 0.69 | cps |
| Selenium | 82-1 | 86827 | 86907 | 85555 | 86429 | 0.88 | cps |
| Selenium | 77-2 | 9070 | 9403 | 8973 | 9148 | 2.47 | cps |
| Selenium | 78-2 | 31560 | 30989 | 31190 | 31246 | 0.93 | cps |
| Silicon | 28-1 | 7771276 | 7641262 | 7629437 | 7680658 | 1.02 | cps |
| Silver | 107-1 | 7212577 | 7272108 | 7141604 | 7208763 | 0.91 | cps |
| Silver | 109-1 | 6972596 | 6892208 | 6988083 | 6950962 | 0.74 | cps |
| Sodium | 23-2 | 168418927 | 170778121 | 169410214 | 169535754 | 0.70 | cps |
| Strontium | 86-1 | 1886600 | 1913633 | 1896561 | 1898931 | 0.72 | cps |
| Strontium | 88-1 | 16591548 | 16411788 | 16364448 | 16455928 | 0.73 | cps |
| Sulfur | 34-1 | 558202 | 543266 | 543427 | 548298 | 1.56 | cps |
| Terbium | 159-1 | 15905752 | 15610916 | 15915592 | 15810753 | 1.10 | cps |
| Terbium | 159-2 | 11006870 | 10987024 | 10798521 | 10930805 | 1.05 | cps |
| Thallium | 203-1 | 5863528 | 5935242 | 5924456 | 5907742 | 0.65 | cps |
| Thallium | 205-1 | 13786274 | 13945909 | 14081319 | 13937834 | 1.06 | cps |
| Tin | 118-1 | 4998200 | 4920778 | 4960731 | 4959903 | 0.78 | cps |
| Titanium | 47-1 | 7133871 | 7043012 | 7053383 | 7076755 | 0.70 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:23:02 | DataFile Name : | 029CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18545533 | 18707538 | 18597589 | 18616887 | 0.44 | cps |
| Vanadium | 51-2 | 2029155 | 2047632 | 2064525 | 2047104 | 0.86 | cps |
| Yttrium | 89-1 | 18694530 | 18235433 | 18134866 | 18354943 | 1.63 | cps |
| Yttrium | 89-2 | 5115568 | 5070737 | 5034286 | 5073530 | 0.80 | cps |
| Zinc | 66-2 | 4196073 | 4214137 | 4232287 | 4214166 | 0.43 | cps |
| Zirconium | 90-1 | 10258955 | 10035247 | 10041418 | 10111873 | 1.26 | cps |
| Zirconium | 91-1 | 2276184 | 2235396 | 2258200 | 2256593 | 0.91 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:25:49 | DataFile Name : | 030CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 393 | 323 | 944 | 553 | 61.39 | cps |
| Antimony | 121-1 | 3390 | 2994 | 2384 | 2923 | 17.35 | cps |
| Arsenic | 75-2 | 23 | 20 | 10 | 18 | 39.03 | cps |
| Barium | 135-1 | 1317 | 793 | 417 | 842 | 53.67 | cps |
| Barium | 137-1 | 2324 | 1347 | 840 | 1503 | 50.16 | cps |
| Beryllium | 9-1 | 330 | 237 | 233 | 267 | 20.58 | cps |
| Bismuth | 209-1 | 10083976 | 9891194 | 10007887 | 9994352 | 0.97 | cps |
| Bismuth | 209-2 | 8253498 | 8352105 | 8429401 | 8345001 | 1.06 | cps |
| Bromine | 81-1 | 13346 | 13696 | 13716 | 13586 | 1.53 | cps |
| Bromine | 81-2 | 187 | 153 | 147 | 162 | 13.21 | cps |
| Cadmium | 108-1 | 23 | 10 | 17 | 17 | 39.99 | cps |
| Cadmium | 106-1 | 4617 | 4337 | 4431 | 4462 | 3.20 | cps |
| Cadmium | 111-1 | 1219 | 1080 | 1013 | 1104 | 9.52 | cps |
| Calcium | 43-1 | 1537 | 1067 | 723 | 1109 | 36.82 | cps |
| Calcium | 44-1 | 27983 | 19923 | 13530 | 20479 | 35.37 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1983 | 2077 | 1990 | 2017 | 2.58 | cps |
| Cobalt | 59-2 | 210 | 187 | 217 | 204 | 7.70 | cps |
| Copper | 63-2 | 1843 | 1787 | 1630 | 1753 | 6.30 | cps |
| Dysprosium | 156-1 | 17 | 17 | 10 | 14 | 26.66 | cps |
| Dysprosium | 156-2 | 10 | 13 | 40 | 21 | 77.90 | cps |
| Erbium | 164-1 | 87 | 83 | 70 | 80 | 11.02 | cps |
| Erbium | 164-2 | 30 | 43 | 90 | 54 | 57.87 | cps |
| Gadolinium | 160-1 | 60 | 40 | 50 | 50 | 20.00 | cps |
| Gadolinium | 160-2 | 627 | 647 | 740 | 671 | 9.01 | cps |
| Holmium | 165-1 | 16232926 | 15876771 | 15920807 | 16010168 | 1.21 | cps |
| Holmium | 165-2 | 11606069 | 11492606 | 11607174 | 11568616 | 0.57 | cps |
| Indium | 115-1 | 13047142 | 12805113 | 12945386 | 12932547 | 0.94 | cps |
| Indium | 115-2 | 4875734 | 4881354 | 4869099 | 4875395 | 0.13 | cps |
| Iron | 56-2 | 41223 | 37564 | 55942 | 44910 | 21.66 | cps |
| Iron | 57-2 | 1507 | 1363 | 1967 | 1612 | 19.56 | cps |
| Iron | 54-2 | 3670 | 3424 | 4178 | 3757 | 10.24 | cps |
| Krypton | 83-1 | 227 | 227 | 233 | 229 | 1.68 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:25:49 | DataFile Name : | 030CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4561 | 3197 | 1953 | 3237 | 40.29 | cps |
| Lead | 207-1 | 3871 | 2857 | 1550 | 2759 | 42.16 | cps |
| Lead | 208-1 | 17661 | 12496 | 7451 | 12536 | 40.73 | cps |
| Lithium | 6-1 | 2042346 | 1992247 | 2052931 | 2029174 | 1.60 | cps |
| Magnesium | 24-2 | 3247 | 2957 | 8945 | 5050 | 66.87 | cps |
| Manganese | 55-2 | 950 | 930 | 1260 | 1047 | 17.68 | cps |
| Molybdenum | 94-1 | 4477 | 3180 | 1923 | 3194 | 39.98 | cps |
| Molybdenum | 95-1 | 6105 | 3807 | 2547 | 4153 | 43.44 | cps |
| Molybdenum | 96-1 | 6311 | 4134 | 2517 | 4321 | 44.07 | cps |
| Molybdenum | 97-1 | 3550 | 2457 | 1483 | 2497 | 41.42 | cps |
| Molybdenum | 98-1 | 9560 | 6375 | 3711 | 6548 | 44.72 | cps |
| Neodymium | 150-1 | 13 | 7 | 27 | 16 | 65.47 | cps |
| Neodymium | 150-2 | 3 | 13 | 17 | 11 | 62.48 | cps |
| Nickel | 60-2 | 660 | 657 | 573 | 630 | 7.79 | cps |
| Phosphorus | 31-2 | 143 | 127 | 160 | 143 | 11.63 | cps |
| Potassium | 39-2 | 57508 | 56655 | 57790 | 57318 | 1.03 | cps |
| Rhodium | 103-1 | 11752273 | 11629036 | 11670285 | 11683865 | 0.54 | cps |
| Rhodium | 103-2 | 7122358 | 7009526 | 7123831 | 7085238 | 0.93 | cps |
| Scandium | 45-1 | 6823753 | 6669445 | 6716672 | 6736623 | 1.17 | cps |
| Scandium | 45-2 | 595031 | 593234 | 596406 | 594890 | 0.27 | cps |
| Selenium | 82-1 | 150 | 60 | 72 | 94 | 52.22 | cps |
| Selenium | 77-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Selenium | 78-2 | 353 | 380 | 387 | 373 | 4.73 | cps |
| Silicon | 28-1 | 568199 | 554290 | 553318 | 558602 | 1.49 | cps |
| Silver | 107-1 | 1760 | 1277 | 1007 | 1348 | 28.32 | cps |
| Silver | 109-1 | 1827 | 1167 | 900 | 1298 | 36.76 | cps |
| Sodium | 23-2 | 43628 | 41870 | 47878 | 44459 | 6.95 | cps |
| Strontium | 86-1 | 683 | 660 | 443 | 596 | 22.22 | cps |
| Strontium | 88-1 | 3027 | 1747 | 1067 | 1947 | 51.13 | cps |
| Sulfur | 34-1 | 161510 | 163982 | 166537 | 164010 | 1.53 | cps |
| Terbium | 159-1 | 16420355 | 16507480 | 16370446 | 16432760 | 0.42 | cps |
| Terbium | 159-2 | 11329216 | 11292844 | 11424452 | 11348837 | 0.60 | cps |
| Thallium | 203-1 | 1543 | 1307 | 1050 | 1300 | 18.98 | cps |
| Thallium | 205-1 | 3624 | 2824 | 2444 | 2964 | 20.33 | cps |
| Tin | 118-1 | 2417 | 1990 | 1737 | 2048 | 16.78 | cps |
| Titanium | 47-1 | 1440 | 893 | 553 | 962 | 46.49 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:25:49 | DataFile Name : | 030CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3044 | 1954 | 1010 | 2002 | 50.82 | cps |
| Vanadium | 51-2 | 80 | 40 | 93 | 71 | 39.03 | cps |
| Yttrium | 89-1 | 19481428 | 18868130 | 19130674 | 19160077 | 1.61 | cps |
| Yttrium | 89-2 | 5292232 | 5272605 | 5384811 | 5316549 | 1.13 | cps |
| Zinc | 66-2 | 253 | 287 | 350 | 297 | 16.55 | cps |
| Zirconium | 90-1 | 3004 | 2510 | 1817 | 2444 | 24.40 | cps |
| Zirconium | 91-1 | 630 | 450 | 400 | 493 | 24.52 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:29:07 | DataFile Name : | 031CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 213 | 260 | 257 | 243 | 10.70 | cps |
| Antimony | 121-1 | 600 | 670 | 587 | 619 | 7.23 | cps |
| Arsenic | 75-2 | 7 | 3 | 7 | 6 | 34.70 | cps |
| Barium | 135-1 | 100 | 90 | 50 | 80 | 33.07 | cps |
| Barium | 137-1 | 143 | 157 | 137 | 146 | 7.00 | cps |
| Beryllium | 9-1 | 157 | 150 | 110 | 139 | 18.17 | cps |
| Bismuth | 209-1 | 9811235 | 9645155 | 9699578 | 9718656 | 0.87 | cps |
| Bismuth | 209-2 | 8348068 | 8222467 | 8291105 | 8287213 | 0.76 | cps |
| Bromine | 81-1 | 13766 | 13339 | 13289 | 13465 | 1.95 | cps |
| Bromine | 81-2 | 120 | 147 | 97 | 121 | 20.66 | cps |
| Cadmium | 108-1 | 7 | 20 | 13 | 13 | 49.99 | cps |
| Cadmium | 106-1 | 4531 | 4727 | 4624 | 4627 | 2.13 | cps |
| Cadmium | 111-1 | 945 | 975 | 959 | 960 | 1.56 | cps |
| Calcium | 43-1 | 253 | 330 | 297 | 293 | 13.11 | cps |
| Calcium | 44-1 | 7472 | 7375 | 7178 | 7342 | 2.04 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1423 | 1430 | 1337 | 1397 | 3.73 | cps |
| Cobalt | 59-2 | 147 | 117 | 137 | 133 | 11.46 | cps |
| Copper | 63-2 | 1307 | 1190 | 1230 | 1242 | 4.77 | cps |
| Dysprosium | 156-1 | 3 | 7 | 7 | 6 | 34.70 | cps |
| Dysprosium | 156-2 | 0 | 10 | 7 | 6 | 91.64 | cps |
| Erbium | 164-1 | 97 | 73 | 107 | 92 | 18.55 | cps |
| Erbium | 164-2 | 50 | 47 | 37 | 44 | 15.61 | cps |
| Gadolinium | 160-1 | 67 | 80 | 47 | 64 | 26.03 | cps |
| Gadolinium | 160-2 | 600 | 603 | 610 | 604 | 0.84 | cps |
| Holmium | 165-1 | 15778064 | 15719769 | 15481882 | 15659905 | 1.00 | cps |
| Holmium | 165-2 | 11444472 | 11392372 | 11282741 | 11373195 | 0.73 | cps |
| Indium | 115-1 | 13061998 | 12674472 | 12880438 | 12872303 | 1.51 | cps |
| Indium | 115-2 | 4836244 | 4819883 | 4829840 | 4828656 | 0.17 | cps |
| Iron | 56-2 | 22320 | 21936 | 21756 | 22004 | 1.31 | cps |
| Iron | 57-2 | 1050 | 1080 | 1070 | 1067 | 1.43 | cps |
| Iron | 54-2 | 2707 | 2650 | 2644 | 2667 | 1.31 | cps |
| Krypton | 83-1 | 183 | 217 | 270 | 223 | 19.57 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:29:07 | DataFile Name : | 031CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 690 | 680 | 720 | 697 | 2.99 | cps |
| Lead | 207-1 | 617 | 617 | 600 | 611 | 1.57 | cps |
| Lead | 208-1 | 2830 | 2737 | 2707 | 2758 | 2.33 | cps |
| Lithium | 6-1 | 2033796 | 2022150 | 2056188 | 2037378 | 0.85 | cps |
| Magnesium | 24-2 | 1300 | 1227 | 1133 | 1220 | 6.85 | cps |
| Manganese | 55-2 | 763 | 880 | 863 | 836 | 7.55 | cps |
| Molybdenum | 94-1 | 643 | 657 | 613 | 638 | 3.48 | cps |
| Molybdenum | 95-1 | 453 | 443 | 440 | 446 | 1.56 | cps |
| Molybdenum | 96-1 | 530 | 517 | 580 | 542 | 6.16 | cps |
| Molybdenum | 97-1 | 297 | 333 | 307 | 312 | 6.07 | cps |
| Molybdenum | 98-1 | 730 | 707 | 723 | 720 | 1.67 | cps |
| Neodymium | 150-1 | 0 | 13 | 13 | 9 | 86.60 | cps |
| Neodymium | 150-2 | 3 | 10 | 3 | 6 | 69.34 | cps |
| Nickel | 60-2 | 477 | 463 | 483 | 474 | 2.15 | cps |
| Phosphorus | 31-2 | 183 | 143 | 143 | 157 | 14.74 | cps |
| Potassium | 39-2 | 54377 | 52751 | 53467 | 53531 | 1.52 | cps |
| Rhodium | 103-1 | 11650950 | 11737079 | 11727569 | 11705199 | 0.40 | cps |
| Rhodium | 103-2 | 7033299 | 7076811 | 7071547 | 7060552 | 0.34 | cps |
| Scandium | 45-1 | 6811897 | 6754468 | 6735619 | 6767328 | 0.59 | cps |
| Scandium | 45-2 | 593774 | 595353 | 600063 | 596397 | 0.55 | cps |
| Selenium | 82-1 | 152 | 92 | -16 | 76 | 111.69 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 423 | 393 | 440 | 419 | 5.65 | cps |
| Silicon | 28-1 | 564951 | 558046 | 564950 | 562649 | 0.71 | cps |
| Silver | 107-1 | 293 | 237 | 270 | 267 | 10.68 | cps |
| Silver | 109-1 | 293 | 233 | 237 | 254 | 13.25 | cps |
| Sodium | 23-2 | 26249 | 26326 | 25648 | 26074 | 1.42 | cps |
| Strontium | 86-1 | 340 | 373 | 360 | 358 | 4.69 | cps |
| Strontium | 88-1 | 440 | 320 | 400 | 387 | 15.80 | cps |
| Sulfur | 34-1 | 169205 | 171365 | 173155 | 171242 | 1.16 | cps |
| Terbium | 159-1 | 16416149 | 16020442 | 16124241 | 16186944 | 1.27 | cps |
| Terbium | 159-2 | 11227763 | 11201081 | 11364760 | 11264535 | 0.78 | cps |
| Thallium | 203-1 | 627 | 563 | 557 | 582 | 6.64 | cps |
| Thallium | 205-1 | 1320 | 1437 | 1370 | 1376 | 4.26 | cps |
| Tin | 118-1 | 1620 | 1657 | 1627 | 1635 | 1.19 | cps |
| Titanium | 47-1 | 113 | 160 | 97 | 123 | 26.62 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:29:07 | DataFile Name : | 031CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 103 | 97 | 123 | 108 | 12.88 | cps |
| Vanadium | 51-2 | 30 | 37 | 57 | 41 | 33.76 | cps |
| Yttrium | 89-1 | 18982130 | 19100385 | 19173140 | 19085218 | 0.51 | cps |
| Yttrium | 89-2 | 5352859 | 5218123 | 5339769 | 5303584 | 1.40 | cps |
| Zinc | 66-2 | 330 | 343 | 377 | 350 | 6.87 | cps |
| Zirconium | 90-1 | 783 | 927 | 947 | 886 | 10.06 | cps |
| Zirconium | 91-1 | 190 | 193 | 157 | 180 | 11.26 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11298 | 11281 | 11444 | 11341 | 0.79 | cps |
| Antimony | 121-1 | 49297 | 49281 | 49471 | 49350 | 0.21 | cps |
| Arsenic | 75-2 | 1400 | 1353 | 1383 | 1379 | 1.72 | cps |
| Barium | 135-1 | 60859 | 60997 | 60688 | 60848 | 0.25 | cps |
| Barium | 137-1 | 105645 | 106877 | 106394 | 106305 | 0.58 | cps |
| Beryllium | 9-1 | 3297 | 3187 | 3370 | 3285 | 2.81 | cps |
| Bismuth | 209-1 | 9826198 | 9713814 | 9536308 | 9692107 | 1.51 | cps |
| Bismuth | 209-2 | 8196161 | 8213081 | 8252083 | 8220442 | 0.35 | cps |
| Bromine | 81-1 | 13366 | 13723 | 13036 | 13375 | 2.57 | cps |
| Bromine | 81-2 | 110 | 150 | 117 | 126 | 17.07 | cps |
| Cadmium | 108-1 | 380 | 450 | 497 | 442 | 13.28 | cps |
| Cadmium | 106-1 | 5498 | 5258 | 5228 | 5328 | 2.78 | cps |
| Cadmium | 111-1 | 7738 | 7560 | 7524 | 7607 | 1.51 | cps |
| Calcium | 43-1 | 32171 | 32231 | 33089 | 32497 | 1.58 | cps |
| Calcium | 44-1 | 531551 | 531855 | 528373 | 530593 | 0.36 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19516 | 20731 | 20207 | 20151 | 3.02 | cps |
| Cobalt | 59-2 | 15735 | 15622 | 15541 | 15633 | 0.62 | cps |
| Copper | 63-2 | 23251 | 23872 | 23245 | 23456 | 1.54 | cps |
| Dysprosium | 156-1 | 10 | 10 | 20 | 13 | 43.30 | cps |
| Dysprosium | 156-2 | 13 | 10 | 7 | 10 | 33.30 | cps |
| Erbium | 164-1 | 77 | 73 | 93 | 81 | 13.21 | cps |
| Erbium | 164-2 | 53 | 70 | 47 | 57 | 21.21 | cps |
| Gadolinium | 160-1 | 87 | 83 | 63 | 78 | 16.23 | cps |
| Gadolinium | 160-2 | 640 | 677 | 647 | 654 | 2.98 | cps |
| Holmium | 165-1 | 15855536 | 15851514 | 15477021 | 15728023 | 1.38 | cps |
| Holmium | 165-2 | 11380459 | 11328931 | 11431700 | 11380363 | 0.45 | cps |
| Indium | 115-1 | 12862259 | 12908273 | 12698577 | 12823036 | 0.86 | cps |
| Indium | 115-2 | 4846893 | 4933499 | 4864464 | 4881619 | 0.94 | cps |
| Iron | 56-2 | 1932069 | 1923631 | 1925536 | 1927079 | 0.23 | cps |
| Iron | 57-2 | 48327 | 48073 | 48882 | 48428 | 0.85 | cps |
| Iron | 54-2 | 107168 | 108131 | 107443 | 107581 | 0.46 | cps |
| Krypton | 83-1 | 207 | 163 | 153 | 174 | 16.25 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19387 | 19150 | 18740 | 19092 | 1.72 | cps |
| Lead | 207-1 | 16861 | 16964 | 17034 | 16953 | 0.52 | cps |
| Lead | 208-1 | 77353 | 77410 | 76752 | 77172 | 0.47 | cps |
| Lithium | 6-1 | 2028107 | 2045699 | 2011403 | 2028403 | 0.85 | cps |
| Magnesium | 24-2 | 426019 | 424433 | 425449 | 425300 | 0.19 | cps |
| Manganese | 55-2 | 8889 | 8916 | 9059 | 8955 | 1.02 | cps |
| Molybdenum | 94-1 | 48547 | 49222 | 48972 | 48914 | 0.70 | cps |
| Molybdenum | 95-1 | 59062 | 59417 | 58904 | 59128 | 0.44 | cps |
| Molybdenum | 96-1 | 66715 | 66179 | 65928 | 66274 | 0.61 | cps |
| Molybdenum | 97-1 | 37057 | 38039 | 37257 | 37451 | 1.39 | cps |
| Molybdenum | 98-1 | 96328 | 97124 | 95412 | 96288 | 0.89 | cps |
| Neodymium | 150-1 | 13 | 17 | 10 | 13 | 25.01 | cps |
| Neodymium | 150-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Nickel | 60-2 | 4627 | 4341 | 4381 | 4450 | 3.49 | cps |
| Phosphorus | 31-2 | 753 | 850 | 763 | 789 | 6.74 | cps |
| Potassium | 39-2 | 649548 | 645828 | 648464 | 647947 | 0.30 | cps |
| Rhodium | 103-1 | 11792749 | 11726674 | 11642072 | 11720498 | 0.64 | cps |
| Rhodium | 103-2 | 7130025 | 7164536 | 7032352 | 7108971 | 0.96 | cps |
| Scandium | 45-1 | 6973787 | 6880692 | 6820277 | 6891585 | 1.12 | cps |
| Scandium | 45-2 | 608020 | 608533 | 610212 | 608922 | 0.19 | cps |
| Selenium | 82-1 | 1948 | 2134 | 2122 | 2068 | 5.01 | cps |
| Selenium | 77-2 | 253 | 260 | 303 | 272 | 9.97 | cps |
| Selenium | 78-2 | 1203 | 1117 | 1177 | 1166 | 3.81 | cps |
| Silicon | 28-1 | 689703 | 690873 | 691133 | 690570 | 0.11 | cps |
| Silver | 107-1 | 30198 | 30940 | 31274 | 30804 | 1.79 | cps |
| Silver | 109-1 | 28685 | 29527 | 29463 | 29225 | 1.60 | cps |
| Sodium | 23-2 | 705305 | 696880 | 699605 | 700597 | 0.61 | cps |
| Strontium | 86-1 | 7889 | 7782 | 7659 | 7777 | 1.48 | cps |
| Strontium | 88-1 | 66021 | 67397 | 66945 | 66787 | 1.05 | cps |
| Sulfur | 34-1 | 177751 | 178337 | 177720 | 177936 | 0.20 | cps |
| Terbium | 159-1 | 16328704 | 16180441 | 16154848 | 16221331 | 0.58 | cps |
| Terbium | 159-2 | 11288282 | 11323507 | 11240569 | 11284120 | 0.37 | cps |
| Thallium | 203-1 | 23510 | 23734 | 23611 | 23618 | 0.47 | cps |
| Thallium | 205-1 | 56567 | 55897 | 56105 | 56190 | 0.61 | cps |
| Tin | 118-1 | 102313 | 104045 | 103297 | 103219 | 0.84 | cps |
| Titanium | 47-1 | 3640 | 3514 | 3627 | 3594 | 1.94 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 67902 | 68981 | 67614 | 68166 | 1.06 | cps |
| Vanadium | 51-2 | 42857 | 43148 | 43486 | 43164 | 0.73 | cps |
| Yttrium | 89-1 | 19353066 | 19186280 | 18907369 | 19148905 | 1.18 | cps |
| Yttrium | 89-2 | 5351180 | 5454111 | 5332987 | 5379426 | 1.21 | cps |
| Zinc | 66-2 | 10120 | 10370 | 10510 | 10334 | 1.91 | cps |
| Zirconium | 90-1 | 40903 | 40840 | 41883 | 41209 | 1.42 | cps |
| Zirconium | 91-1 | 9220 | 9080 | 9190 | 9163 | 0.80 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1918177 | 1904450 | 1889211 | 1903946 | 0.76 | cps |
| Antimony | 121-1 | 52449 | 53586 | 53884 | 53306 | 1.42 | cps |
| Arsenic | 75-2 | 53258 | 54058 | 52646 | 53321 | 1.33 | cps |
| Barium | 135-1 | 73334 | 75552 | 74781 | 74556 | 1.51 | cps |
| Barium | 137-1 | 129931 | 130734 | 129973 | 130213 | 0.35 | cps |
| Beryllium | 9-1 | 350 | 373 | 337 | 353 | 5.25 | cps |
| Bismuth | 209-1 | 10242875 | 9900331 | 9863285 | 10002164 | 2.09 | cps |
| Bismuth | 209-2 | 8600538 | 8437892 | 8472836 | 8503755 | 1.01 | cps |
| Bromine | 81-1 | 34440 | 38213 | 38463 | 37039 | 6.09 | cps |
| Bromine | 81-2 | 5734 | 5471 | 5491 | 5566 | 2.64 | cps |
| Cadmium | 108-1 | 173 | 127 | 117 | 139 | 21.78 | cps |
| Cadmium | 106-1 | 5411 | 5068 | 4744 | 5074 | 6.57 | cps |
| Cadmium | 111-1 | 2946 | 2815 | 2873 | 2878 | 2.29 | cps |
| Calcium | 43-1 | 145497 | 148316 | 149491 | 147768 | 1.39 | cps |
| Calcium | 44-1 | 2288444 | 2337033 | 2386094 | 2337190 | 2.09 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 120305 | 119391 | 120120 | 119939 | 0.40 | cps |
| Cobalt | 59-2 | 52107 | 52649 | 52026 | 52261 | 0.65 | cps |
| Copper | 63-2 | 2020841 | 1977708 | 2012541 | 2003696 | 1.14 | cps |
| Dysprosium | 156-1 | 23460 | 23680 | 23880 | 23673 | 0.89 | cps |
| Dysprosium | 156-2 | 20555 | 20155 | 20008 | 20239 | 1.40 | cps |
| Erbium | 164-1 | 21356 | 21907 | 21760 | 21675 | 1.32 | cps |
| Erbium | 164-2 | 15722 | 15852 | 15966 | 15847 | 0.77 | cps |
| Gadolinium | 160-1 | 23513 | 23977 | 24091 | 23860 | 1.28 | cps |
| Gadolinium | 160-2 | 18839 | 18576 | 19333 | 18916 | 2.03 | cps |
| Holmium | 165-1 | 16911378 | 16172629 | 16379464 | 16487824 | 2.31 | cps |
| Holmium | 165-2 | 12015352 | 11717187 | 11946915 | 11893151 | 1.31 | cps |
| Indium | 115-1 | 13659306 | 12957694 | 13195316 | 13270772 | 2.69 | cps |
| Indium | 115-2 | 5149178 | 5021435 | 4941551 | 5037388 | 2.08 | cps |
| Iron | 56-2 | 57067919 | 56761221 | 57541729 | 57123623 | 0.69 | cps |
| Iron | 57-2 | 1423281 | 1429515 | 1416870 | 1423222 | 0.44 | cps |
| Iron | 54-2 | 3104106 | 3120156 | 3111910 | 3112057 | 0.26 | cps |
| Krypton | 83-1 | 247 | 240 | 190 | 226 | 13.73 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 454161 | 457397 | 462568 | 458042 | 0.93 | cps |
| Lead | 207-1 | 395534 | 403281 | 406764 | 401860 | 1.43 | cps |
| Lead | 208-1 | 1799526 | 1836517 | 1841992 | 1826011 | 1.27 | cps |
| Lithium | 6-1 | 2181488 | 2070727 | 2048270 | 2100162 | 3.40 | cps |
| Magnesium | 24-2 | 2007711 | 2035116 | 2018277 | 2020368 | 0.68 | cps |
| Manganese | 55-2 | 492923 | 499272 | 496520 | 496238 | 0.64 | cps |
| Molybdenum | 94-1 | 30422 | 31978 | 31477 | 31292 | 2.54 | cps |
| Molybdenum | 95-1 | 16192 | 16556 | 16503 | 16417 | 1.20 | cps |
| Molybdenum | 96-1 | 22047 | 22217 | 23008 | 22424 | 2.29 | cps |
| Molybdenum | 97-1 | 10234 | 10517 | 10484 | 10412 | 1.49 | cps |
| Molybdenum | 98-1 | 26875 | 27165 | 26938 | 26993 | 0.57 | cps |
| Neodymium | 150-1 | 37440 | 38539 | 37770 | 37916 | 1.49 | cps |
| Neodymium | 150-2 | 23256 | 23970 | 23066 | 23431 | 2.04 | cps |
| Nickel | 60-2 | 37784 | 37911 | 38045 | 37913 | 0.34 | cps |
| Phosphorus | 31-2 | 11991 | 12302 | 12335 | 12209 | 1.55 | cps |
| Potassium | 39-2 | 793500 | 788441 | 796524 | 792822 | 0.52 | cps |
| Rhodium | 103-1 | 12625961 | 11890808 | 11998218 | 12171662 | 3.26 | cps |
| Rhodium | 103-2 | 7419938 | 7428395 | 7369479 | 7405937 | 0.43 | cps |
| Scandium | 45-1 | 7425290 | 6974025 | 7052574 | 7150629 | 3.37 | cps |
| Scandium | 45-2 | 646496 | 643983 | 641701 | 644060 | 0.37 | cps |
| Selenium | 82-1 | 202 | 233 | 258 | 231 | 12.04 | cps |
| Selenium | 77-2 | 70 | 77 | 60 | 69 | 12.18 | cps |
| Selenium | 78-2 | 513 | 533 | 500 | 516 | 3.25 | cps |
| Silicon | 28-1 | 14881338 | 15166416 | 15468693 | 15172149 | 1.94 | cps |
| Silver | 107-1 | 12559 | 11488 | 11555 | 11867 | 5.06 | cps |
| Silver | 109-1 | 11912 | 10998 | 10794 | 11234 | 5.30 | cps |
| Sodium | 23-2 | 5239580 | 5168664 | 5219506 | 5209250 | 0.70 | cps |
| Strontium | 86-1 | 132207 | 135301 | 138012 | 135174 | 2.15 | cps |
| Strontium | 88-1 | 1146629 | 1180019 | 1186065 | 1170905 | 1.81 | cps |
| Sulfur | 34-1 | 319061 | 316587 | 317904 | 317851 | 0.39 | cps |
| Terbium | 159-1 | 17271460 | 16501434 | 16510879 | 16761257 | 2.64 | cps |
| Terbium | 159-2 | 11676890 | 11583324 | 11587887 | 11616034 | 0.45 | cps |
| Thallium | 203-1 | 5411 | 5464 | 5291 | 5389 | 1.65 | cps |
| Thallium | 205-1 | 12392 | 12406 | 12109 | 12302 | 1.36 | cps |
| Tin | 118-1 | 31986 | 31899 | 32657 | 32180 | 1.29 | cps |
| Titanium | 47-1 | 667307 | 683736 | 686835 | 679293 | 1.54 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 83068 | 84701 | 84396 | 84055 | 1.03 | cps |
| Vanadium | 51-2 | 110873 | 111263 | 111387 | 111174 | 0.24 | cps |
| Yttrium | 89-1 | 21160599 | 20058730 | 20119570 | 20446300 | 3.03 | cps |
| Yttrium | 89-2 | 5778505 | 5722735 | 5676324 | 5725855 | 0.89 | cps |
| Zinc | 66-2 | 121415 | 123724 | 123122 | 122754 | 0.98 | cps |
| Zirconium | 90-1 | 59393 | 59985 | 61585 | 60321 | 1.88 | cps |
| Zirconium | 91-1 | 12876 | 13641 | 13913 | 13477 | 3.99 | cps |



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Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:41:23 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3093002 | 3081427 | 3076224 | 3083551 | 0.28 | cps |
| Antimony | 121-1 | 983300 | 995986 | 993767 | 991018 | 0.68 | cps |
| Arsenic | 75-2 | 282872 | 283395 | 282135 | 282801 | 0.22 | cps |
| Barium | 135-1 | 614838 | 623404 | 626956 | 621733 | 1.00 | cps |
| Barium | 137-1 | 1077323 | 1083853 | 1098539 | 1086572 | 1.00 | cps |
| Beryllium | 9-1 | 453 | 463 | 487 | 468 | 3.66 | cps |
| Bismuth | 209-1 | 10159919 | 10259712 | 10109658 | 10176430 | 0.75 | cps |
| Bismuth | 209-2 | 8703453 | 8596979 | 8596854 | 8632429 | 0.71 | cps |
| Bromine | 81-1 | 63285 | 67165 | 69020 | 66490 | 4.40 | cps |
| Bromine | 81-2 | 12058 | 11872 | 12342 | 12091 | 1.96 | cps |
| Cadmium | 108-1 | 723 | 760 | 690 | 724 | 4.83 | cps |
| Cadmium | 106-1 | 5441 | 5414 | 5621 | 5492 | 2.05 | cps |
| Cadmium | 111-1 | 9390 | 9297 | 8744 | 9144 | 3.82 | cps |
| Calcium | 43-1 | 231065 | 233148 | 233066 | 232426 | 0.51 | cps |
| Calcium | 44-1 | 3670502 | 3636813 | 3652901 | 3653405 | 0.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 179487 | 178988 | 178694 | 179057 | 0.22 | cps |
| Cobalt | 59-2 | 293231 | 291716 | 291240 | 292062 | 0.36 | cps |
| Copper | 63-2 | 33623300 | 33547245 | 33330978 | 33500507 | 0.45 | cps |
| Dysprosium | 156-1 | 22678 | 23203 | 23143 | 23008 | 1.25 | cps |
| Dysprosium | 156-2 | 19911 | 19687 | 19777 | 19792 | 0.57 | cps |
| Erbium | 164-1 | 22091 | 21901 | 21767 | 21920 | 0.74 | cps |
| Erbium | 164-2 | 15812 | 15669 | 15375 | 15619 | 1.43 | cps |
| Gadolinium | 160-1 | 23373 | 23079 | 23159 | 23204 | 0.65 | cps |
| Gadolinium | 160-2 | 17892 | 18172 | 17912 | 17992 | 0.87 | cps |
| Holmium | 165-1 | 16356816 | 16484576 | 16633764 | 16491719 | 0.84 | cps |
| Holmium | 165-2 | 12109008 | 12231869 | 11931532 | 12090803 | 1.25 | cps |
| Indium | 115-1 | 13560643 | 13578952 | 13844170 | 13661255 | 1.16 | cps |
| Indium | 115-2 | 5292807 | 5205785 | 5233292 | 5243962 | 0.85 | cps |
| Iron | 56-2 | 186226304 | 187309704 | 186187151 | 186574386 | 0.34 | cps |
| Iron | 57-2 | 4627326 | 4565944 | 4570835 | 4588035 | 0.74 | cps |
| Iron | 54-2 | 10225616 | 10167152 | 10092410 | 10161726 | 0.66 | cps |
| Krypton | 83-1 | 267 | 190 | 220 | 226 | 17.13 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:41:23 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5489358 | 5511500 | 5452050 | 5484302 | 0.55 | cps |
| Lead | 207-1 | 4756573 | 4800060 | 4799767 | 4785467 | 0.52 | cps |
| Lead | 208-1 | 21726191 | 21996387 | 21759859 | 21827479 | 0.67 | cps |
| Lithium | 6-1 | 2052599 | 2104583 | 2100405 | 2085862 | 1.38 | cps |
| Magnesium | 24-2 | 2967432 | 2892543 | 2954406 | 2938127 | 1.36 | cps |
| Manganese | 55-2 | 1833870 | 1817615 | 1814888 | 1822125 | 0.56 | cps |
| Molybdenum | 94-1 | 77517 | 78274 | 78693 | 78162 | 0.76 | cps |
| Molybdenum | 95-1 | 68861 | 69685 | 69591 | 69379 | 0.65 | cps |
| Molybdenum | 96-1 | 81790 | 83660 | 83446 | 82966 | 1.23 | cps |
| Molybdenum | 97-1 | 43374 | 43983 | 43515 | 43624 | 0.73 | cps |
| Molybdenum | 98-1 | 110924 | 111290 | 111985 | 111399 | 0.48 | cps |
| Neodymium | 150-1 | 35655 | 35722 | 35508 | 35628 | 0.31 | cps |
| Neodymium | 150-2 | 22067 | 22425 | 22228 | 22240 | 0.80 | cps |
| Nickel | 60-2 | 61084 | 61392 | 61114 | 61196 | 0.28 | cps |
| Phosphorus | 31-2 | 11861 | 11358 | 12118 | 11779 | 3.28 | cps |
| Potassium | 39-2 | 1449640 | 1439544 | 1449745 | 1446310 | 0.41 | cps |
| Rhodium | 103-1 | 12385752 | 12356136 | 12466179 | 12402689 | 0.46 | cps |
| Rhodium | 103-2 | 7519804 | 7467047 | 7548754 | 7511868 | 0.55 | cps |
| Scandium | 45-1 | 7501190 | 7510831 | 7681368 | 7564463 | 1.34 | cps |
| Scandium | 45-2 | 677801 | 666992 | 667438 | 670744 | 0.91 | cps |
| Selenium | 82-1 | 655 | 681 | 661 | 665 | 2.05 | cps |
| Selenium | 77-2 | 100 | 167 | 133 | 133 | 25.00 | cps |
| Selenium | 78-2 | 613 | 643 | 703 | 653 | 7.01 | cps |
| Silicon | 28-1 | 35695203 | 36108789 | 36028064 | 35944019 | 0.61 | cps |
| Silver | 107-1 | 162431 | 164510 | 164514 | 163818 | 0.73 | cps |
| Silver | 109-1 | 152102 | 154240 | 156683 | 154342 | 1.49 | cps |
| Sodium | 23-2 | 11145239 | 11105789 | 11070233 | 11107087 | 0.34 | cps |
| Strontium | 86-1 | 288534 | 290083 | 289084 | 289233 | 0.27 | cps |
| Strontium | 88-1 | 2613746 | 2602977 | 2584608 | 2600444 | 0.57 | cps |
| Sulfur | 34-1 | 821635 | 816390 | 816670 | 818232 | 0.36 | cps |
| Terbium | 159-1 | 16846199 | 17066997 | 17097641 | 17003612 | 0.81 | cps |
| Terbium | 159-2 | 11983181 | 11915809 | 11744525 | 11881172 | 1.04 | cps |
| Thallium | 203-1 | 10164 | 10181 | 9997 | 10114 | 1.00 | cps |
| Thallium | 205-1 | 24395 | 24335 | 24813 | 24514 | 1.06 | cps |
| Tin | 118-1 | 510094 | 512344 | 513135 | 511857 | 0.31 | cps |
| Titanium | 47-1 | 740742 | 750976 | 748545 | 746754 | 0.72 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:41:23 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 51730 | 52108 | 52105 | 51981 | 0.42 | cps |
| Vanadium | 51-2 | 174094 | 174239 | 174843 | 174392 | 0.23 | cps |
| Yttrium | 89-1 | 21346882 | 21206521 | 21265470 | 21272958 | 0.33 | cps |
| Yttrium | 89-2 | 5931613 | 5790144 | 5827965 | 5849907 | 1.25 | cps |
| Zinc | 66-2 | 1783741 | 1777758 | 1768741 | 1776747 | 0.42 | cps |
| Zirconium | 90-1 | 101635 | 102985 | 102226 | 102282 | 0.66 | cps |
| Zirconium | 91-1 | 22160 | 23713 | 22668 | 22847 | 3.46 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5259-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28X0A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:44:31 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4740344 | 4724969 | 4692599 | 4719304 | 0.52 | cps |
| Antimony | 121-1 | 53984 | 54125 | 54185 | 54098 | 0.19 | cps |
| Arsenic | 75-2 | 36912 | 36488 | 36488 | 36630 | 0.67 | cps |
| Barium | 135-1 | 552603 | 555803 | 556447 | 554951 | 0.37 | cps |
| Barium | 137-1 | 959397 | 975363 | 967750 | 967504 | 0.83 | cps |
| Beryllium | 9-1 | 1690 | 1880 | 1700 | 1757 | 6.09 | cps |
| Bismuth | 209-1 | 10052466 | 10077254 | 9855169 | 9994963 | 1.22 | cps |
| Bismuth | 209-2 | 8399141 | 8377080 | 8336205 | 8370808 | 0.38 | cps |
| Bromine | 81-1 | 19032 | 18021 | 18231 | 18428 | 2.90 | cps |
| Bromine | 81-2 | 910 | 867 | 827 | 868 | 4.80 | cps |
| Cadmium | 108-1 | 663 | 750 | 763 | 726 | 7.48 | cps |
| Cadmium | 106-1 | 6298 | 6088 | 5731 | 6039 | 4.75 | cps |
| Cadmium | 111-1 | 10669 | 10512 | 10688 | 10623 | 0.91 | cps |
| Calcium | 43-1 | 2439153 | 2427293 | 2350959 | 2405802 | 1.99 | cps |
| Calcium | 44-1 | 38639811 | 38640216 | 38307174 | 38529067 | 0.50 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 188887 | 190152 | 187962 | 189000 | 0.58 | cps |
| Cobalt | 59-2 | 166843 | 165352 | 165198 | 165798 | 0.55 | cps |
| Copper | 63-2 | 277165 | 273639 | 274369 | 275058 | 0.68 | cps |
| Dysprosium | 156-1 | 68972 | 70841 | 70505 | 70106 | 1.42 | cps |
| Dysprosium | 156-2 | 60265 | 59425 | 59395 | 59695 | 0.83 | cps |
| Erbium | 164-1 | 59563 | 60567 | 60182 | 60104 | 0.84 | cps |
| Erbium | 164-2 | 43390 | 43173 | 42809 | 43124 | 0.68 | cps |
| Gadolinium | 160-1 | 69729 | 70221 | 69036 | 69662 | 0.86 | cps |
| Gadolinium | 160-2 | 52873 | 51896 | 52792 | 52520 | 1.03 | cps |
| Holmium | 165-1 | 16945177 | 16735922 | 16860937 | 16847345 | 0.62 | cps |
| Holmium | 165-2 | 11823177 | 11914241 | 11888068 | 11875162 | 0.39 | cps |
| Indium | 115-1 | 13801008 | 13319425 | 13110617 | 13410350 | 2.64 | cps |
| Indium | 115-2 | 5002658 | 4939772 | 4983725 | 4975385 | 0.65 | cps |
| Iron | 56-2 | 203448317 | 203422470 | 202177710 | 203016166 | 0.36 | cps |
| Iron | 57-2 | 5063731 | 5085736 | 5017131 | 5055533 | 0.69 | cps |
| Iron | 54-2 | 11137407 | 10953405 | 11062407 | 11051073 | 0.84 | cps |
| Krypton | 83-1 | 303 | 267 | 320 | 297 | 9.20 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5259-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28X0A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:44:31 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 520336 | 530737 | 527472 | 526181 | 1.01 | cps |
| Lead | 207-1 | 424595 | 433650 | 431168 | 429804 | 1.09 | cps |
| Lead | 208-1 | 1994153 | 2031745 | 2016496 | 2014131 | 0.94 | cps |
| Lithium | 6-1 | 2154103 | 2085437 | 2082716 | 2107419 | 1.92 | cps |
| Magnesium | 24-2 | 15841232 | 15873895 | 15690411 | 15801846 | 0.62 | cps |
| Manganese | 55-2 | 4314399 | 4265198 | 4291818 | 4290472 | 0.57 | cps |
| Molybdenum | 94-1 | 31577 | 32008 | 32496 | 32027 | 1.43 | cps |
| Molybdenum | 95-1 | 18145 | 18602 | 18218 | 18322 | 1.34 | cps |
| Molybdenum | 96-1 | 25319 | 26017 | 25255 | 25530 | 1.65 | cps |
| Molybdenum | 97-1 | 11314 | 11728 | 11268 | 11437 | 2.22 | cps |
| Molybdenum | 98-1 | 29323 | 30014 | 29453 | 29597 | 1.24 | cps |
| Neodymium | 150-1 | 108490 | 110549 | 110143 | 109727 | 0.99 | cps |
| Neodymium | 150-2 | 67346 | 66757 | 65993 | 66699 | 1.02 | cps |
| Nickel | 60-2 | 110319 | 110624 | 108959 | 109967 | 0.81 | cps |
| Phosphorus | 31-2 | 14033 | 14093 | 13616 | 13914 | 1.87 | cps |
| Potassium | 39-2 | 1549020 | 1566811 | 1543566 | 1553132 | 0.78 | cps |
| Rhodium | 103-1 | 12439774 | 12103839 | 12112226 | 12218613 | 1.57 | cps |
| Rhodium | 103-2 | 7352583 | 7303036 | 7270771 | 7308797 | 0.56 | cps |
| Scandium | 45-1 | 7509444 | 7271878 | 7198683 | 7326669 | 2.22 | cps |
| Scandium | 45-2 | 632690 | 638280 | 632928 | 634633 | 0.50 | cps |
| Selenium | 82-1 | 2687 | 2724 | 2503 | 2638 | 4.50 | cps |
| Selenium | 77-2 | 383 | 507 | 430 | 440 | 14.15 | cps |
| Selenium | 78-2 | 1530 | 1447 | 1340 | 1439 | 6.62 | cps |
| Silicon | 28-1 | 30238123 | 30495895 | 30160165 | 30298061 | 0.58 | cps |
| Silver | 107-1 | 4624 | 4251 | 4127 | 4334 | 5.97 | cps |
| Silver | 109-1 | 4304 | 3704 | 3784 | 3931 | 8.29 | cps |
| Sodium | 23-2 | 203756 | 205033 | 204709 | 204499 | 0.32 | cps |
| Strontium | 86-1 | 324052 | 327203 | 327277 | 326177 | 0.56 | cps |
| Strontium | 88-1 | 2896740 | 2941329 | 2920846 | 2919638 | 0.76 | cps |
| Sulfur | 34-1 | 229252 | 233531 | 231616 | 231466 | 0.93 | cps |
| Terbium | 159-1 | 17414409 | 17110147 | 17044108 | 17189555 | 1.15 | cps |
| Terbium | 159-2 | 11808573 | 11721411 | 11702051 | 11744012 | 0.48 | cps |
| Thallium | 203-1 | 31496 | 31593 | 31443 | 31511 | 0.24 | cps |
| Thallium | 205-1 | 73634 | 74610 | 74847 | 74364 | 0.86 | cps |
| Tin | 118-1 | 19760 | 19644 | 20121 | 19842 | 1.25 | cps |
| Titanium | 47-1 | 373505 | 376055 | 373111 | 374224 | 0.43 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5259-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28X0A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:44:31 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 52720 | 53996 | 53189 | 53302 | 1.21 | cps |
| Vanadium | 51-2 | 203009 | 202796 | 202148 | 202651 | 0.22 | cps |
| Yttrium | 89-1 | 21542457 | 21146351 | 20771992 | 21153600 | 1.82 | cps |
| Yttrium | 89-2 | 5808696 | 5801605 | 5723420 | 5777907 | 0.82 | cps |
| Zinc | 66-2 | 164468 | 163248 | 163928 | 163881 | 0.37 | cps |
| Zirconium | 90-1 | 58800 | 60326 | 59319 | 59482 | 1.30 | cps |
| Zirconium | 91-1 | 13400 | 13420 | 13069 | 13296 | 1.48 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5271-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC7A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:47:44 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4709731 | 4697052 | 4599684 | 4668822 | 1.29 | cps |
| Antimony | 121-1 | 5419442 | 5517900 | 5505476 | 5480939 | 0.98 | cps |
| Arsenic | 75-2 | 1018270 | 1006491 | 1012867 | 1012543 | 0.58 | cps |
| Barium | 135-1 | 627503 | 633710 | 638747 | 633320 | 0.89 | cps |
| Barium | 137-1 | 1098691 | 1117702 | 1113716 | 1110037 | 0.90 | cps |
| Beryllium | 9-1 | 867 | 1017 | 877 | 920 | 9.12 | cps |
| Bismuth | 209-1 | 10217797 | 10298027 | 10183145 | 10232990 | 0.58 | cps |
| Bismuth | 209-2 | 8530693 | 8573628 | 8664785 | 8589702 | 0.80 | cps |
| Bromine | 81-1 | 52329 | 57699 | 59372 | 56467 | 6.52 | cps |
| Bromine | 81-2 | 9220 | 9627 | 9186 | 9344 | 2.62 | cps |
| Cadmium | 108-1 | 1827 | 1923 | 1827 | 1859 | 3.00 | cps |
| Cadmium | 106-1 | 7669 | 7645 | 7542 | 7619 | 0.89 | cps |
| Cadmium | 111-1 | 21254 | 19907 | 19769 | 20310 | 4.04 | cps |
| Calcium | 43-1 | 666818 | 672672 | 679044 | 672845 | 0.91 | cps |
| Calcium | 44-1 | 10372199 | 10517585 | 10615761 | 10501848 | 1.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 223298 | 223373 | 221522 | 222731 | 0.47 | cps |
| Cobalt | 59-2 | 2978454 | 2947878 | 2869383 | 2931905 | 1.92 | cps |
| Copper | 63-2 | 3658639 | 3630830 | 3608510 | 3632660 | 0.69 | cps |
| Dysprosium | 156-1 | 30470 | 30263 | 30530 | 30421 | 0.46 | cps |
| Dysprosium | 156-2 | 26195 | 26659 | 26221 | 26358 | 0.99 | cps |
| Erbium | 164-1 | 29849 | 29588 | 29595 | 29677 | 0.50 | cps |
| Erbium | 164-2 | 22141 | 21810 | 21266 | 21739 | 2.03 | cps |
| Gadolinium | 160-1 | 31021 | 30847 | 30750 | 30873 | 0.44 | cps |
| Gadolinium | 160-2 | 24004 | 24027 | 23229 | 23754 | 1.91 | cps |
| Holmium | 165-1 | 16889399 | 16702219 | 16806303 | 16799307 | 0.56 | cps |
| Holmium | 165-2 | 12066746 | 12190292 | 12121170 | 12126069 | 0.51 | cps |
| Indium | 115-1 | 14411360 | 14663609 | 14575063 | 14550011 | 0.88 | cps |
| Indium | 115-2 | 5538364 | 5518819 | 5523708 | 5526964 | 0.18 | cps |
| Iron | 56-2 | 407049634 | 404563127 | 399682354 | 403765038 | 0.93 | cps |
| Iron | 57-2 | 10175075 | 10043218 | 9989779 | 10069357 | 0.95 | cps |
| Iron | 54-2 | 22158450 | 21939032 | 21805507 | 21967663 | 0.81 | cps |
| Krypton | 83-1 | 243 | 277 | 250 | 257 | 6.87 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5271-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC7A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:47:44 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11888160 | 11744150 | 11730176 | 11787495 | 0.74 | cps |
| Lead | 207-1 | 10387612 | 10192087 | 10268673 | 10282791 | 0.96 | cps |
| Lead | 208-1 | 47262650 | 46737684 | 46894944 | 46965093 | 0.57 | cps |
| Lithium | 6-1 | 2066120 | 2097812 | 2098980 | 2087637 | 0.89 | cps |
| Magnesium | 24-2 | 4729028 | 4625575 | 4683821 | 4679475 | 1.11 | cps |
| Manganese | 55-2 | 2968566 | 2935894 | 2940522 | 2948327 | 0.60 | cps |
| Molybdenum | 94-1 | 128141 | 129109 | 129234 | 128828 | 0.46 | cps |
| Molybdenum | 95-1 | 128286 | 131736 | 132705 | 130909 | 1.77 | cps |
| Molybdenum | 96-1 | 154075 | 155024 | 154617 | 154572 | 0.31 | cps |
| Molybdenum | 97-1 | 80956 | 82504 | 82256 | 81905 | 1.02 | cps |
| Molybdenum | 98-1 | 208937 | 212510 | 210413 | 210620 | 0.85 | cps |
| Neodymium | 150-1 | 46667 | 46680 | 45904 | 46417 | 0.96 | cps |
| Neodymium | 150-2 | 29601 | 28723 | 29444 | 29256 | 1.60 | cps |
| Nickel | 60-2 | 100856 | 99863 | 99226 | 99981 | 0.82 | cps |
| Phosphorus | 31-2 | 21745 | 22323 | 21342 | 21803 | 2.26 | cps |
| Potassium | 39-2 | 2601655 | 2646640 | 2584325 | 2610873 | 1.23 | cps |
| Rhodium | 103-1 | 12509831 | 12678157 | 12716809 | 12634932 | 0.87 | cps |
| Rhodium | 103-2 | 7597774 | 7712326 | 7722379 | 7677493 | 0.90 | cps |
| Scandium | 45-1 | 7464291 | 7616258 | 7493272 | 7524607 | 1.07 | cps |
| Scandium | 45-2 | 681836 | 684572 | 677583 | 681330 | 0.52 | cps |
| Selenium | 82-1 | 2883 | 2531 | 2591 | 2669 | 7.05 | cps |
| Selenium | 77-2 | 400 | 363 | 277 | 347 | 18.27 | cps |
| Selenium | 78-2 | 1300 | 1383 | 1247 | 1310 | 5.26 | cps |
| Silicon | 28-1 | 40992350 | 41520729 | 42488908 | 41667329 | 1.82 | cps |
| Silver | 107-1 | 27790 | 27987 | 28154 | 27977 | 0.65 | cps |
| Silver | 109-1 | 25713 | 27039 | 27179 | 26643 | 3.04 | cps |
| Sodium | 23-2 | 10070527 | 9977157 | 9813421 | 9953702 | 1.31 | cps |
| Strontium | 86-1 | 623924 | 634460 | 632579 | 630321 | 0.89 | cps |
| Strontium | 88-1 | 5618484 | 5660942 | 5749849 | 5676425 | 1.18 | cps |
| Sulfur | 34-1 | 274531 | 274073 | 271906 | 273504 | 0.51 | cps |
| Terbium | 159-1 | 17443645 | 17244515 | 17320111 | 17336090 | 0.58 | cps |
| Terbium | 159-2 | 12050215 | 11997658 | 12133960 | 12060611 | 0.57 | cps |
| Thallium | 203-1 | 31202 | 30157 | 29943 | 30434 | 2.21 | cps |
| Thallium | 205-1 | 74006 | 71567 | 70763 | 72112 | 2.34 | cps |
| Tin | 118-1 | 1587075 | 1591600 | 1563977 | 1580884 | 0.94 | cps |
| Titanium | 47-1 | 899753 | 913919 | 930350 | 914674 | 1.67 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5271-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC7A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:47:44 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 64254 | 64348 | 64707 | 64436 | 0.37 | cps |
| Vanadium | 51-2 | 250529 | 249380 | 247869 | 249259 | 0.54 | cps |
| Yttrium | 89-1 | 21218081 | 21685475 | 21345480 | 21416345 | 1.13 | cps |
| Yttrium | 89-2 | 6033256 | 6006423 | 5947279 | 5995653 | 0.73 | cps |
| Zinc | 66-2 | 5321214 | 5275606 | 5315107 | 5303976 | 0.47 | cps |
| Zirconium | 90-1 | 146182 | 150279 | 150745 | 149069 | 1.68 | cps |
| Zirconium | 91-1 | 33575 | 35292 | 35389 | 34752 | 2.94 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:50:47 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3591039 | 3528505 | 3456262 | 3525269 | 1.91 | cps |
| Antimony | 121-1 | 11365 | 11792 | 11695 | 11617 | 1.93 | cps |
| Arsenic | 75-2 | 9967 | 9597 | 9823 | 9796 | 1.91 | cps |
| Barium | 135-1 | 594077 | 595752 | 593653 | 594494 | 0.19 | cps |
| Barium | 137-1 | 1036698 | 1040111 | 1041906 | 1039571 | 0.25 | cps |
| Beryllium | 9-1 | 1490 | 1473 | 1500 | 1488 | 0.91 | cps |
| Bismuth | 209-1 | 10312346 | 10036649 | 9792774 | 10047257 | 2.59 | cps |
| Bismuth | 209-2 | 8361159 | 8328026 | 8314415 | 8334533 | 0.29 | cps |
| Bromine | 81-1 | 19583 | 19633 | 18745 | 19321 | 2.58 | cps |
| Bromine | 81-2 | 1117 | 1143 | 1073 | 1111 | 3.18 | cps |
| Cadmium | 108-1 | 390 | 400 | 320 | 370 | 11.78 | cps |
| Cadmium | 106-1 | 5691 | 5411 | 5578 | 5560 | 2.53 | cps |
| Cadmium | 111-1 | 4939 | 5189 | 5194 | 5107 | 2.86 | cps |
| Calcium | 43-1 | 2448406 | 2458915 | 2444205 | 2450509 | 0.31 | cps |
| Calcium | 44-1 | 39190819 | 39387359 | 38914484 | 39164220 | 0.61 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 227946 | 228773 | 226671 | 227797 | 0.46 | cps |
| Cobalt | 59-2 | 147836 | 148826 | 144864 | 147175 | 1.40 | cps |
| Copper | 63-2 | 247186 | 249855 | 247056 | 248032 | 0.64 | cps |
| Dysprosium | 156-1 | 56721 | 57256 | 57621 | 57199 | 0.79 | cps |
| Dysprosium | 156-2 | 47389 | 48520 | 48433 | 48114 | 1.31 | cps |
| Erbium | 164-1 | 49109 | 48962 | 49062 | 49045 | 0.15 | cps |
| Erbium | 164-2 | 35121 | 35461 | 35622 | 35401 | 0.72 | cps |
| Gadolinium | 160-1 | 55851 | 56316 | 56610 | 56259 | 0.68 | cps |
| Gadolinium | 160-2 | 42932 | 43056 | 41826 | 42605 | 1.59 | cps |
| Holmium | 165-1 | 17239491 | 16812727 | 16219581 | 16757266 | 3.06 | cps |
| Holmium | 165-2 | 11997261 | 11874591 | 11789131 | 11886994 | 0.88 | cps |
| Indium | 115-1 | 13980349 | 13377274 | 13024579 | 13460734 | 3.59 | cps |
| Indium | 115-2 | 4872213 | 5072301 | 4969454 | 4971323 | 2.01 | cps |
| Iron | 56-2 | 203928790 | 203624297 | 200840824 | 202797970 | 0.84 | cps |
| Iron | 57-2 | 5105563 | 5086012 | 4956225 | 5049266 | 1.61 | cps |
| Iron | 54-2 | 11043299 | 11050190 | 10915982 | 11003157 | 0.69 | cps |
| Krypton | 83-1 | 253 | 257 | 297 | 269 | 8.97 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:50:47 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 824401 | 829085 | 835222 | 829569 | 0.65 | cps |
| Lead | 207-1 | 678826 | 687491 | 683609 | 683309 | 0.64 | cps |
| Lead | 208-1 | 3158325 | 3202776 | 3192824 | 3184642 | 0.73 | cps |
| Lithium | 6-1 | 2171771 | 2129407 | 2059017 | 2120065 | 2.69 | cps |
| Magnesium | 24-2 | 15758743 | 15663357 | 15432559 | 15618220 | 1.07 | cps |
| Manganese | 55-2 | 6792329 | 6828189 | 6670324 | 6763614 | 1.22 | cps |
| Molybdenum | 94-1 | 42207 | 43103 | 42214 | 42508 | 1.21 | cps |
| Molybdenum | 95-1 | 23953 | 23793 | 23970 | 23905 | 0.41 | cps |
| Molybdenum | 96-1 | 32232 | 32914 | 32039 | 32395 | 1.42 | cps |
| Molybdenum | 97-1 | 14300 | 14544 | 14974 | 14606 | 2.34 | cps |
| Molybdenum | 98-1 | 38210 | 37856 | 38073 | 38046 | 0.47 | cps |
| Neodymium | 150-1 | 87848 | 88831 | 88901 | 88527 | 0.66 | cps |
| Neodymium | 150-2 | 54890 | 54184 | 54257 | 54443 | 0.71 | cps |
| Nickel | 60-2 | 111625 | 110107 | 109083 | 110272 | 1.16 | cps |
| Phosphorus | 31-2 | 13469 | 13152 | 13009 | 13210 | 1.78 | cps |
| Potassium | 39-2 | 1276304 | 1268186 | 1267116 | 1270535 | 0.40 | cps |
| Rhodium | 103-1 | 12807183 | 12200249 | 12055520 | 12354317 | 3.23 | cps |
| Rhodium | 103-2 | 7290298 | 7303931 | 7277876 | 7290702 | 0.18 | cps |
| Scandium | 45-1 | 7683456 | 7324109 | 7105770 | 7371112 | 3.96 | cps |
| Scandium | 45-2 | 636499 | 629251 | 627661 | 631137 | 0.75 | cps |
| Selenium | 82-1 | 378 | 369 | 245 | 331 | 22.50 | cps |
| Selenium | 77-2 | 157 | 207 | 120 | 161 | 27.00 | cps |
| Selenium | 78-2 | 527 | 543 | 497 | 522 | 4.53 | cps |
| Silicon | 28-1 | 29448520 | 29594825 | 29415951 | 29486432 | 0.32 | cps |
| Silver | 107-1 | 5378 | 5301 | 5228 | 5302 | 1.42 | cps |
| Silver | 109-1 | 4871 | 4954 | 5091 | 4972 | 2.23 | cps |
| Sodium | 23-2 | 181890 | 179691 | 178852 | 180144 | 0.87 | cps |
| Strontium | 86-1 | 309252 | 315548 | 312391 | 312397 | 1.01 | cps |
| Strontium | 88-1 | 2806675 | 2859097 | 2776883 | 2814219 | 1.48 | cps |
| Sulfur | 34-1 | 238740 | 238069 | 239258 | 238689 | 0.25 | cps |
| Terbium | 159-1 | 17681512 | 17206848 | 16612387 | 17166916 | 3.12 | cps |
| Terbium | 159-2 | 11787600 | 11694710 | 11776352 | 11752887 | 0.43 | cps |
| Thallium | 203-1 | 5928 | 5595 | 6041 | 5855 | 3.97 | cps |
| Thallium | 205-1 | 13483 | 13894 | 14067 | 13815 | 2.17 | cps |
| Tin | 118-1 | 27102 | 19346 | 19590 | 22013 | 20.03 | cps |
| Titanium | 47-1 | 333980 | 333684 | 336365 | 334676 | 0.44 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:50:47 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43267 | 44474 | 45100 | 44280 | 2.10 | cps |
| Vanadium | 51-2 | 174432 | 173960 | 172165 | 173519 | 0.69 | cps |
| Yttrium | 89-1 | 22039928 | 21224715 | 20389302 | 21217982 | 3.89 | cps |
| Yttrium | 89-2 | 5752747 | 5724301 | 5699798 | 5725615 | 0.46 | cps |
| Zinc | 66-2 | 208856 | 208943 | 204838 | 207546 | 1.13 | cps |
| Zirconium | 90-1 | 78653 | 79976 | 79434 | 79354 | 0.84 | cps |
| Zirconium | 91-1 | 17574 | 17260 | 17717 | 17517 | 1.33 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:53:59 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3424083 | 3409947 | 3419057 | 3417696 | 0.21 | cps |
| Antimony | 121-1 | 10274 | 10521 | 10761 | 10518 | 2.32 | cps |
| Arsenic | 75-2 | 9750 | 9780 | 9850 | 9793 | 0.52 | cps |
| Barium | 135-1 | 579553 | 581412 | 580893 | 580619 | 0.17 | cps |
| Barium | 137-1 | 1014055 | 1016674 | 1013740 | 1014823 | 0.16 | cps |
| Beryllium | 9-1 | 1563 | 1503 | 1493 | 1520 | 2.49 | cps |
| Bismuth | 209-1 | 10068554 | 9986409 | 9947491 | 10000818 | 0.62 | cps |
| Bismuth | 209-2 | 8410462 | 8307609 | 8379993 | 8366021 | 0.63 | cps |
| Bromine | 81-1 | 17794 | 18041 | 18525 | 18120 | 2.05 | cps |
| Bromine | 81-2 | 937 | 907 | 913 | 919 | 1.71 | cps |
| Cadmium | 108-1 | 413 | 413 | 383 | 403 | 4.29 | cps |
| Cadmium | 106-1 | 5755 | 5424 | 5451 | 5543 | 3.31 | cps |
| Cadmium | 111-1 | 5031 | 4622 | 4870 | 4841 | 4.26 | cps |
| Calcium | 43-1 | 2372126 | 2382379 | 2391645 | 2382050 | 0.41 | cps |
| Calcium | 44-1 | 37770258 | 38145581 | 37777808 | 37897882 | 0.57 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 224005 | 220156 | 222087 | 222083 | 0.87 | cps |
| Cobalt | 59-2 | 144911 | 142357 | 142256 | 143175 | 1.05 | cps |
| Copper | 63-2 | 241803 | 239361 | 238043 | 239736 | 0.80 | cps |
| Dysprosium | 156-1 | 55780 | 57209 | 56259 | 56416 | 1.29 | cps |
| Dysprosium | 156-2 | 47119 | 47343 | 45885 | 46782 | 1.68 | cps |
| Erbium | 164-1 | 47915 | 48370 | 48019 | 48101 | 0.50 | cps |
| Erbium | 164-2 | 34549 | 34526 | 34442 | 34506 | 0.16 | cps |
| Gadolinium | 160-1 | 54870 | 56664 | 55292 | 55609 | 1.69 | cps |
| Gadolinium | 160-2 | 41725 | 41391 | 41050 | 41389 | 0.82 | cps |
| Holmium | 165-1 | 16727458 | 16423022 | 16631133 | 16593871 | 0.94 | cps |
| Holmium | 165-2 | 11928386 | 11793821 | 11939843 | 11887350 | 0.68 | cps |
| Indium | 115-1 | 13387007 | 13304110 | 13264033 | 13318383 | 0.47 | cps |
| Indium | 115-2 | 4995291 | 4920031 | 4960784 | 4958702 | 0.76 | cps |
| Iron | 56-2 | 198811784 | 196246570 | 196056270 | 197038208 | 0.78 | cps |
| Iron | 57-2 | 4889598 | 4915881 | 4836144 | 4880541 | 0.83 | cps |
| Iron | 54-2 | 10851448 | 10592979 | 10656889 | 10700438 | 1.26 | cps |
| Krypton | 83-1 | 237 | 270 | 277 | 261 | 8.21 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:53:59 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 812087 | 822741 | 821934 | 818921 | 0.72 | cps |
| Lead | 207-1 | 666309 | 676941 | 665536 | 669595 | 0.95 | cps |
| Lead | 208-1 | 3111499 | 3144346 | 3134822 | 3130222 | 0.54 | cps |
| Lithium | 6-1 | 2108697 | 2145693 | 2095873 | 2116754 | 1.22 | cps |
| Magnesium | 24-2 | 15322339 | 15102185 | 15108418 | 15177647 | 0.83 | cps |
| Manganese | 55-2 | 6608292 | 6509254 | 6562898 | 6560148 | 0.76 | cps |
| Molybdenum | 94-1 | 41004 | 41719 | 41866 | 41530 | 1.11 | cps |
| Molybdenum | 95-1 | 22624 | 22935 | 22921 | 22827 | 0.77 | cps |
| Molybdenum | 96-1 | 30826 | 31768 | 34399 | 32331 | 5.73 | cps |
| Molybdenum | 97-1 | 13837 | 14631 | 14084 | 14184 | 2.87 | cps |
| Molybdenum | 98-1 | 37318 | 37161 | 36773 | 37084 | 0.76 | cps |
| Neodymium | 150-1 | 87211 | 87855 | 87573 | 87546 | 0.37 | cps |
| Neodymium | 150-2 | 53772 | 52762 | 52387 | 52974 | 1.35 | cps |
| Nickel | 60-2 | 107337 | 106404 | 107337 | 107026 | 0.50 | cps |
| Phosphorus | 31-2 | 13386 | 13252 | 13396 | 13345 | 0.60 | cps |
| Potassium | 39-2 | 1250839 | 1250560 | 1262276 | 1254558 | 0.53 | cps |
| Rhodium | 103-1 | 12314046 | 12125490 | 12114805 | 12184780 | 0.92 | cps |
| Rhodium | 103-2 | 7397411 | 7338319 | 7216820 | 7317516 | 1.26 | cps |
| Scandium | 45-1 | 7186575 | 7152493 | 7110998 | 7150022 | 0.53 | cps |
| Scandium | 45-2 | 627708 | 619923 | 623612 | 623748 | 0.62 | cps |
| Selenium | 82-1 | 403 | 323 | 320 | 349 | 13.52 | cps |
| Selenium | 77-2 | 167 | 163 | 150 | 160 | 5.51 | cps |
| Selenium | 78-2 | 583 | 530 | 627 | 580 | 8.35 | cps |
| Silicon | 28-1 | 28705183 | 28883829 | 28941959 | 28843657 | 0.43 | cps |
| Silver | 107-1 | 4684 | 4818 | 5154 | 4885 | 4.96 | cps |
| Silver | 109-1 | 4491 | 4521 | 4768 | 4593 | 3.31 | cps |
| Sodium | 23-2 | 172857 | 172022 | 173094 | 172658 | 0.33 | cps |
| Strontium | 86-1 | 301718 | 308163 | 304640 | 304840 | 1.06 | cps |
| Strontium | 88-1 | 2726273 | 2781362 | 2718473 | 2742036 | 1.25 | cps |
| Sulfur | 34-1 | 238019 | 240270 | 238936 | 239075 | 0.47 | cps |
| Terbium | 159-1 | 17041967 | 17150818 | 17018008 | 17070264 | 0.41 | cps |
| Terbium | 159-2 | 11726555 | 11727494 | 11632934 | 11695661 | 0.46 | cps |
| Thallium | 203-1 | 5324 | 5474 | 5451 | 5417 | 1.49 | cps |
| Thallium | 205-1 | 12896 | 13133 | 13293 | 13108 | 1.52 | cps |
| Tin | 118-1 | 18459 | 18368 | 18495 | 18441 | 0.35 | cps |
| Titanium | 47-1 | 324770 | 328344 | 323738 | 325617 | 0.74 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-19 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:53:59 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43003 | 43802 | 43608 | 43471 | 0.96 | cps |
| Vanadium | 51-2 | 168589 | 167417 | 168930 | 168312 | 0.47 | cps |
| Yttrium | 89-1 | 21280859 | 20758689 | 20765063 | 20934871 | 1.43 | cps |
| Yttrium | 89-2 | 5751346 | 5615045 | 5670846 | 5679079 | 1.21 | cps |
| Zinc | 66-2 | 203602 | 198179 | 201341 | 201041 | 1.35 | cps |
| Zirconium | 90-1 | 76478 | 78063 | 77737 | 77426 | 1.08 | cps |
| Zirconium | 91-1 | 16997 | 17167 | 16910 | 17024 | 0.77 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04LDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 16:57:12 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 711209 | 709375 | 704409 | 708331 | 0.50 | cps |
| Antimony | 121-1 | 2327 | 2140 | 2187 | 2218 | 4.38 | cps |
| Arsenic | 75-2 | 2147 | 2270 | 2060 | 2159 | 4.89 | cps |
| Barium | 135-1 | 120267 | 120467 | 120716 | 120483 | 0.19 | cps |
| Barium | 137-1 | 210332 | 211431 | 211527 | 211097 | 0.31 | cps |
| Beryllium | 9-1 | 323 | 347 | 450 | 373 | 18.06 | cps |
| Bismuth | 209-1 | 10004620 | 9749839 | 9924597 | 9893019 | 1.32 | cps |
| Bismuth | 209-2 | 8413667 | 8247151 | 8338827 | 8333215 | 1.00 | cps |
| Bromine | 81-1 | 15869 | 15498 | 15875 | 15747 | 1.37 | cps |
| Bromine | 81-2 | 327 | 323 | 280 | 310 | 8.40 | cps |
| Cadmium | 108-1 | 80 | 87 | 67 | 78 | 13.09 | cps |
| Cadmium | 106-1 | 5001 | 4754 | 5078 | 4944 | 3.42 | cps |
| Cadmium | 111-1 | 1909 | 1818 | 1834 | 1854 | 2.62 | cps |
| Calcium | 43-1 | 510401 | 507873 | 508135 | 508803 | 0.27 | cps |
| Calcium | 44-1 | 7980378 | 7978865 | 7939462 | 7966235 | 0.29 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 48962 | 48531 | 48668 | 48721 | 0.45 | cps |
| Cobalt | 59-2 | 31035 | 31730 | 30421 | 31062 | 2.11 | cps |
| Copper | 63-2 | 53957 | 53820 | 52937 | 53571 | 1.03 | cps |
| Dysprosium | 156-1 | 11745 | 12092 | 11528 | 11788 | 2.41 | cps |
| Dysprosium | 156-2 | 9954 | 10027 | 9947 | 9976 | 0.45 | cps |
| Erbium | 164-1 | 9890 | 9984 | 10167 | 10014 | 1.41 | cps |
| Erbium | 164-2 | 7529 | 7169 | 7109 | 7269 | 3.13 | cps |
| Gadolinium | 160-1 | 11385 | 11451 | 11421 | 11419 | 0.29 | cps |
| Gadolinium | 160-2 | 9313 | 9000 | 9270 | 9194 | 1.85 | cps |
| Holmium | 165-1 | 16133226 | 16264952 | 16212757 | 16203645 | 0.41 | cps |
| Holmium | 165-2 | 11789245 | 11599912 | 11808499 | 11732552 | 0.98 | cps |
| Indium | 115-1 | 13342651 | 13353550 | 13347391 | 13347864 | 0.04 | cps |
| Indium | 115-2 | 5046640 | 4976166 | 4977754 | 5000187 | 0.80 | cps |
| Iron | 56-2 | 42758688 | 42383251 | 42028927 | 42390289 | 0.86 | cps |
| Iron | 57-2 | 1066950 | 1061296 | 1063149 | 1063798 | 0.27 | cps |
| Iron | 54-2 | 2318172 | 2321063 | 2303081 | 2314105 | 0.42 | cps |
| Krypton | 83-1 | 293 | 240 | 250 | 261 | 10.86 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04LDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 16:57:12 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 168531 | 169088 | 169719 | 169112 | 0.35 | cps |
| Lead | 207-1 | 139249 | 138972 | 137444 | 138555 | 0.70 | cps |
| Lead | 208-1 | 648685 | 647247 | 646473 | 647468 | 0.17 | cps |
| Lithium | 6-1 | 1983826 | 2044210 | 2025450 | 2017828 | 1.53 | cps |
| Magnesium | 24-2 | 3230165 | 3274396 | 3262984 | 3255848 | 0.71 | cps |
| Manganese | 55-2 | 1424027 | 1431802 | 1398431 | 1418087 | 1.23 | cps |
| Molybdenum | 94-1 | 8906 | 8396 | 8566 | 8623 | 3.01 | cps |
| Molybdenum | 95-1 | 4744 | 5151 | 5034 | 4976 | 4.21 | cps |
| Molybdenum | 96-1 | 6965 | 6722 | 6838 | 6842 | 1.78 | cps |
| Molybdenum | 97-1 | 3167 | 3090 | 3220 | 3159 | 2.07 | cps |
| Molybdenum | 98-1 | 7942 | 7719 | 7892 | 7851 | 1.49 | cps |
| Neodymium | 150-1 | 18112 | 18005 | 18138 | 18085 | 0.39 | cps |
| Neodymium | 150-2 | 11008 | 11441 | 11158 | 11202 | 1.97 | cps |
| Nickel | 60-2 | 23732 | 23382 | 23081 | 23398 | 1.39 | cps |
| Phosphorus | 31-2 | 2854 | 2940 | 3037 | 2944 | 3.12 | cps |
| Potassium | 39-2 | 321376 | 321802 | 319177 | 320785 | 0.44 | cps |
| Rhodium | 103-1 | 12348908 | 12280359 | 12209407 | 12279558 | 0.57 | cps |
| Rhodium | 103-2 | 7481627 | 7351548 | 7453905 | 7429027 | 0.92 | cps |
| Scandium | 45-1 | 7130786 | 7182876 | 7095597 | 7136419 | 0.62 | cps |
| Scandium | 45-2 | 637798 | 634093 | 638731 | 636874 | 0.39 | cps |
| Selenium | 82-1 | 151 | 172 | 150 | 157 | 7.99 | cps |
| Selenium | 77-2 | 27 | 43 | 23 | 31 | 34.44 | cps |
| Selenium | 78-2 | 397 | 470 | 427 | 431 | 8.55 | cps |
| Silicon | 28-1 | 6645642 | 6666546 | 6767843 | 6693344 | 0.98 | cps |
| Silver | 107-1 | 1163 | 1240 | 1257 | 1220 | 4.08 | cps |
| Silver | 109-1 | 1067 | 1073 | 1017 | 1052 | 2.94 | cps |
| Sodium | 23-2 | 66395 | 64973 | 65890 | 65753 | 1.10 | cps |
| Strontium | 86-1 | 63456 | 64413 | 63071 | 63647 | 1.09 | cps |
| Strontium | 88-1 | 553428 | 558517 | 556253 | 556066 | 0.46 | cps |
| Sulfur | 34-1 | 205715 | 204918 | 204844 | 205159 | 0.24 | cps |
| Terbium | 159-1 | 16754567 | 16616481 | 16842199 | 16737749 | 0.68 | cps |
| Terbium | 159-2 | 11668403 | 11596600 | 11513212 | 11592738 | 0.67 | cps |
| Thallium | 203-1 | 1597 | 1493 | 1500 | 1530 | 3.78 | cps |
| Thallium | 205-1 | 3704 | 3654 | 3591 | 3649 | 1.56 | cps |
| Tin | 118-1 | 4958 | 5214 | 5014 | 5062 | 2.66 | cps |
| Titanium | 47-1 | 68497 | 68303 | 69341 | 68714 | 0.80 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04LDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 16:57:12 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8993 | 8906 | 9117 | 9005 | 1.17 | cps |
| Vanadium | 51-2 | 36193 | 35622 | 36070 | 35962 | 0.84 | cps |
| Yttrium | 89-1 | 20400257 | 20334463 | 20378348 | 20371022 | 0.16 | cps |
| Yttrium | 89-2 | 5729175 | 5610871 | 5544750 | 5628265 | 1.66 | cps |
| Zinc | 66-2 | 44265 | 43420 | 43921 | 43869 | 0.97 | cps |
| Zirconium | 90-1 | 15952 | 16005 | 15742 | 15900 | 0.88 | cps |
| Zirconium | 91-1 | 3590 | 3630 | 3550 | 3590 | 1.11 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:00:25 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3604004 | 3577244 | 3537725 | 3572991 | 0.93 | cps |
| Antimony | 121-1 | 9907 | 10137 | 10100 | 10048 | 1.23 | cps |
| Arsenic | 75-2 | 152733 | 152858 | 152447 | 152679 | 0.14 | cps |
| Barium | 135-1 | 1995232 | 2006840 | 1986223 | 1996099 | 0.52 | cps |
| Barium | 137-1 | 3420804 | 3393645 | 3382056 | 3398835 | 0.59 | cps |
| Beryllium | 9-1 | 17263 | 17433 | 17437 | 17378 | 0.57 | cps |
| Bismuth | 209-1 | 10065994 | 10095526 | 9950113 | 10037211 | 0.77 | cps |
| Bismuth | 209-2 | 8320929 | 8214247 | 8438538 | 8324571 | 1.35 | cps |
| Bromine | 81-1 | 17687 | 17761 | 18428 | 17959 | 2.27 | cps |
| Bromine | 81-2 | 957 | 940 | 973 | 957 | 1.74 | cps |
| Cadmium | 108-1 | 22327 | 22898 | 23349 | 22858 | 2.24 | cps |
| Cadmium | 106-1 | 36790 | 36589 | 36790 | 36723 | 0.32 | cps |
| Cadmium | 111-1 | 328459 | 334494 | 334810 | 332588 | 1.08 | cps |
| Calcium | 43-1 | 2394225 | 2402006 | 2390295 | 2395509 | 0.25 | cps |
| Calcium | 44-1 | 38263974 | 38533828 | 37562670 | 38120157 | 1.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 430959 | 431654 | 428113 | 430242 | 0.44 | cps |
| Cobalt | 59-2 | 952129 | 948152 | 956913 | 952398 | 0.46 | cps |
| Copper | 63-2 | 515873 | 520288 | 519505 | 518555 | 0.45 | cps |
| Dysprosium | 156-1 | 56045 | 56165 | 55864 | 56024 | 0.27 | cps |
| Dysprosium | 156-2 | 47604 | 47028 | 47279 | 47304 | 0.61 | cps |
| Erbium | 164-1 | 48320 | 48427 | 48233 | 48327 | 0.20 | cps |
| Erbium | 164-2 | 34486 | 34279 | 34158 | 34308 | 0.48 | cps |
| Gadolinium | 160-1 | 55242 | 55359 | 54773 | 55125 | 0.56 | cps |
| Gadolinium | 160-2 | 42083 | 42173 | 41321 | 41859 | 1.12 | cps |
| Holmium | 165-1 | 16694460 | 16640531 | 16456154 | 16597048 | 0.75 | cps |
| Holmium | 165-2 | 11898571 | 11815056 | 11892243 | 11868624 | 0.39 | cps |
| Indium | 115-1 | 13446039 | 13398860 | 13322102 | 13389000 | 0.47 | cps |
| Indium | 115-2 | 4938490 | 4951790 | 4934129 | 4941470 | 0.19 | cps |
| Iron | 56-2 | 200205964 | 198744657 | 198384257 | 199111626 | 0.48 | cps |
| Iron | 57-2 | 4944801 | 5012316 | 4940431 | 4965849 | 0.81 | cps |
| Iron | 54-2 | 10973000 | 10813020 | 10743101 | 10843040 | 1.09 | cps |
| Krypton | 83-1 | 257 | 320 | 270 | 282 | 11.83 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:00:25 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2589884 | 2681619 | 2643930 | 2638478 | 1.75 | cps |
| Lead | 207-1 | 2182006 | 2183407 | 2203009 | 2189474 | 0.54 | cps |
| Lead | 208-1 | 10145794 | 10261448 | 10210336 | 10205859 | 0.57 | cps |
| Lithium | 6-1 | 2104444 | 2123943 | 2109908 | 2112765 | 0.48 | cps |
| Magnesium | 24-2 | 15337720 | 15211676 | 15143462 | 15230953 | 0.65 | cps |
| Manganese | 55-2 | 7053673 | 7032981 | 7083714 | 7056790 | 0.36 | cps |
| Molybdenum | 94-1 | 48447 | 47677 | 49256 | 48460 | 1.63 | cps |
| Molybdenum | 95-1 | 36215 | 36556 | 36555 | 36442 | 0.54 | cps |
| Molybdenum | 96-1 | 46193 | 45764 | 45119 | 45692 | 1.18 | cps |
| Molybdenum | 97-1 | 22711 | 22805 | 22614 | 22710 | 0.42 | cps |
| Molybdenum | 98-1 | 58322 | 58369 | 57978 | 58223 | 0.37 | cps |
| Neodymium | 150-1 | 87147 | 88079 | 87308 | 87511 | 0.57 | cps |
| Neodymium | 150-2 | 53933 | 52203 | 52993 | 53043 | 1.63 | cps |
| Nickel | 60-2 | 313595 | 310231 | 308375 | 310734 | 0.85 | cps |
| Phosphorus | 31-2 | 12966 | 13266 | 12842 | 13025 | 1.67 | cps |
| Potassium | 39-2 | 1255125 | 1258189 | 1258157 | 1257157 | 0.14 | cps |
| Rhodium | 103-1 | 12206004 | 12100435 | 12032606 | 12113015 | 0.72 | cps |
| Rhodium | 103-2 | 7387445 | 7265490 | 7296878 | 7316604 | 0.87 | cps |
| Scandium | 45-1 | 7270561 | 7278115 | 7117921 | 7222199 | 1.25 | cps |
| Scandium | 45-2 | 632828 | 629453 | 628504 | 630261 | 0.36 | cps |
| Selenium | 82-1 | 46307 | 46588 | 46561 | 46485 | 0.33 | cps |
| Selenium | 77-2 | 5178 | 4928 | 5154 | 5086 | 2.72 | cps |
| Selenium | 78-2 | 17801 | 17177 | 17644 | 17540 | 1.85 | cps |
| Silicon | 28-1 | 29312519 | 28836475 | 28662945 | 28937313 | 1.16 | cps |
| Silver | 107-1 | 167322 | 167322 | 170299 | 168314 | 1.02 | cps |
| Silver | 109-1 | 161228 | 161788 | 160484 | 161167 | 0.41 | cps |
| Sodium | 23-2 | 166132 | 167759 | 167945 | 167279 | 0.60 | cps |
| Strontium | 86-1 | 303066 | 305287 | 305165 | 304506 | 0.41 | cps |
| Strontium | 88-1 | 2779164 | 2777856 | 2718053 | 2758358 | 1.27 | cps |
| Sulfur | 34-1 | 237044 | 240107 | 238089 | 238414 | 0.65 | cps |
| Terbium | 159-1 | 17033048 | 17155061 | 17072799 | 17086969 | 0.36 | cps |
| Terbium | 159-2 | 11783750 | 11633027 | 11674093 | 11696957 | 0.67 | cps |
| Thallium | 203-1 | 2367846 | 2374749 | 2381666 | 2374754 | 0.29 | cps |
| Thallium | 205-1 | 5654330 | 5678344 | 5683206 | 5671960 | 0.27 | cps |
| Tin | 118-1 | 18252 | 18018 | 18145 | 18138 | 0.64 | cps |
| Titanium | 47-1 | 328247 | 325445 | 325840 | 326510 | 0.46 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:00:25 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43682 | 43809 | 43608 | 43699 | 0.23 | cps |
| Vanadium | 51-2 | 624371 | 623706 | 620187 | 622755 | 0.36 | cps |
| Yttrium | 89-1 | 21190660 | 20934653 | 21055744 | 21060352 | 0.61 | cps |
| Yttrium | 89-2 | 5743553 | 5663184 | 5730348 | 5712362 | 0.75 | cps |
| Zinc | 66-2 | 303831 | 299815 | 302205 | 301950 | 0.67 | cps |
| Zirconium | 90-1 | 75091 | 76404 | 76042 | 75846 | 0.89 | cps |
| Zirconium | 91-1 | 17137 | 17147 | 16890 | 17058 | 0.85 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4071973 | 4023234 | 4039439 | 4044882 | 0.61 | cps |
| Antimony | 121-1 | 8259 | 8149 | 8279 | 8229 | 0.85 | cps |
| Arsenic | 75-2 | 10594 | 10544 | 10334 | 10490 | 1.32 | cps |
| Barium | 135-1 | 503543 | 508882 | 503097 | 505174 | 0.64 | cps |
| Barium | 137-1 | 877730 | 875177 | 878507 | 877138 | 0.20 | cps |
| Beryllium | 9-1 | 1767 | 1737 | 1807 | 1770 | 1.98 | cps |
| Bismuth | 209-1 | 10161355 | 10045307 | 10025057 | 10077240 | 0.73 | cps |
| Bismuth | 209-2 | 8359618 | 8381284 | 8401492 | 8380798 | 0.25 | cps |
| Bromine | 81-1 | 17470 | 17918 | 18185 | 17858 | 2.02 | cps |
| Bromine | 81-2 | 847 | 900 | 893 | 880 | 3.30 | cps |
| Cadmium | 108-1 | 310 | 267 | 330 | 302 | 10.71 | cps |
| Cadmium | 106-1 | 5468 | 5421 | 5131 | 5340 | 3.42 | cps |
| Cadmium | 111-1 | 4037 | 4284 | 4146 | 4156 | 2.97 | cps |
| Calcium | 43-1 | 1536462 | 1549747 | 1559512 | 1548573 | 0.75 | cps |
| Calcium | 44-1 | 24735010 | 24617221 | 24885463 | 24745898 | 0.54 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 447479 | 447230 | 447947 | 447552 | 0.08 | cps |
| Cobalt | 59-2 | 143646 | 143037 | 144730 | 143804 | 0.60 | cps |
| Copper | 63-2 | 228386 | 228724 | 229365 | 228825 | 0.22 | cps |
| Dysprosium | 156-1 | 49821 | 49677 | 49942 | 49813 | 0.27 | cps |
| Dysprosium | 156-2 | 42029 | 41364 | 41575 | 41656 | 0.82 | cps |
| Erbium | 164-1 | 42966 | 44133 | 43805 | 43634 | 1.38 | cps |
| Erbium | 164-2 | 31679 | 31175 | 31572 | 31475 | 0.84 | cps |
| Gadolinium | 160-1 | 49079 | 49183 | 49524 | 49262 | 0.47 | cps |
| Gadolinium | 160-2 | 37303 | 37393 | 36745 | 37147 | 0.95 | cps |
| Holmium | 165-1 | 16615063 | 16511226 | 16576174 | 16567488 | 0.32 | cps |
| Holmium | 165-2 | 11889612 | 11881358 | 11857739 | 11876236 | 0.14 | cps |
| Indium | 115-1 | 13365140 | 13316546 | 13321341 | 13334343 | 0.20 | cps |
| Indium | 115-2 | 5028175 | 5011682 | 4991940 | 5010599 | 0.36 | cps |
| Iron | 56-2 | 329955328 | 331030268 | 326385048 | 329123548 | 0.74 | cps |
| Iron | 57-2 | 8212323 | 8138367 | 8210115 | 8186935 | 0.51 | cps |
| Iron | 54-2 | 17968834 | 17943246 | 17892906 | 17934996 | 0.22 | cps |
| Krypton | 83-1 | 270 | 247 | 240 | 252 | 6.25 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1369589 | 1373596 | 1377222 | 1373469 | 0.28 | cps |
| Lead | 207-1 | 1115170 | 1116586 | 1106915 | 1112890 | 0.47 | cps |
| Lead | 208-1 | 5440155 | 5387674 | 5390256 | 5406028 | 0.55 | cps |
| Lithium | 6-1 | 2096976 | 2119840 | 2088876 | 2101898 | 0.76 | cps |
| Magnesium | 24-2 | 8916755 | 8892524 | 8897469 | 8902250 | 0.14 | cps |
| Manganese | 55-2 | 10464696 | 10606187 | 10408979 | 10493287 | 0.97 | cps |
| Molybdenum | 94-1 | 36773 | 36699 | 36088 | 36520 | 1.03 | cps |
| Molybdenum | 95-1 | 37040 | 37030 | 36532 | 36867 | 0.79 | cps |
| Molybdenum | 96-1 | 46383 | 46123 | 46203 | 46236 | 0.29 | cps |
| Molybdenum | 97-1 | 23082 | 22908 | 22728 | 22906 | 0.77 | cps |
| Molybdenum | 98-1 | 60511 | 60421 | 59785 | 60239 | 0.66 | cps |
| Neodymium | 150-1 | 76731 | 77119 | 76764 | 76871 | 0.28 | cps |
| Neodymium | 150-2 | 47205 | 46991 | 45761 | 46652 | 1.67 | cps |
| Nickel | 60-2 | 102450 | 101326 | 102181 | 101986 | 0.58 | cps |
| Phosphorus | 31-2 | 11741 | 11721 | 11598 | 11687 | 0.66 | cps |
| Potassium | 39-2 | 1098146 | 1095816 | 1100645 | 1098202 | 0.22 | cps |
| Rhodium | 103-1 | 12145404 | 12111261 | 12314169 | 12190278 | 0.89 | cps |
| Rhodium | 103-2 | 7278578 | 7341091 | 7360671 | 7326780 | 0.59 | cps |
| Scandium | 45-1 | 7235204 | 7247564 | 7236143 | 7239637 | 0.10 | cps |
| Scandium | 45-2 | 637050 | 641774 | 636536 | 638453 | 0.45 | cps |
| Selenium | 82-1 | 377 | 360 | 417 | 384 | 7.63 | cps |
| Selenium | 77-2 | 143 | 103 | 143 | 130 | 17.77 | cps |
| Selenium | 78-2 | 597 | 543 | 533 | 558 | 6.10 | cps |
| Silicon | 28-1 | 24357578 | 24330794 | 24483816 | 24390729 | 0.34 | cps |
| Silver | 107-1 | 5955 | 5741 | 5368 | 5688 | 5.22 | cps |
| Silver | 109-1 | 5728 | 5308 | 5104 | 5380 | 5.91 | cps |
| Sodium | 23-2 | 132104 | 134020 | 133455 | 133193 | 0.74 | cps |
| Strontium | 86-1 | 238230 | 239713 | 237909 | 238617 | 0.40 | cps |
| Strontium | 88-1 | 2146525 | 2137276 | 2106722 | 2130174 | 0.98 | cps |
| Sulfur | 34-1 | 215731 | 217746 | 215245 | 216240 | 0.61 | cps |
| Terbium | 159-1 | 17168393 | 17049459 | 17068255 | 17095369 | 0.37 | cps |
| Terbium | 159-2 | 11838654 | 11682035 | 11703479 | 11741389 | 0.72 | cps |
| Thallium | 203-1 | 5881 | 5885 | 6121 | 5962 | 2.31 | cps |
| Thallium | 205-1 | 14248 | 14364 | 14354 | 14322 | 0.45 | cps |
| Tin | 118-1 | 26431 | 27590 | 27122 | 27048 | 2.16 | cps |
| Titanium | 47-1 | 298972 | 298741 | 299773 | 299162 | 0.18 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 50114 | 49877 | 49512 | 49834 | 0.61 | cps |
| Vanadium | 51-2 | 268458 | 266606 | 268044 | 267702 | 0.36 | cps |
| Yttrium | 89-1 | 20948754 | 21028993 | 21069585 | 21015777 | 0.29 | cps |
| Yttrium | 89-2 | 5737782 | 5771283 | 5751166 | 5753410 | 0.29 | cps |
| Zinc | 66-2 | 248884 | 249920 | 250798 | 249868 | 0.38 | cps |
| Zirconium | 90-1 | 41722 | 42645 | 42358 | 42242 | 1.12 | cps |
| Zirconium | 91-1 | 9273 | 9573 | 9583 | 9476 | 1.86 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2324293 | 2297915 | 2270570 | 2297593 | 1.17 | cps |
| Antimony | 121-1 | 119673 | 123148 | 125193 | 122671 | 2.27 | cps |
| Arsenic | 75-2 | 11968 | 11465 | 11388 | 11607 | 2.72 | cps |
| Barium | 135-1 | 573722 | 596212 | 596768 | 588901 | 2.23 | cps |
| Barium | 137-1 | 1005525 | 1033901 | 1030798 | 1023408 | 1.52 | cps |
| Beryllium | 9-1 | 2090 | 1933 | 1933 | 1986 | 4.56 | cps |
| Bismuth | 209-1 | 10844363 | 10177255 | 10070261 | 10363960 | 4.05 | cps |
| Bismuth | 209-2 | 8408631 | 8401638 | 8460390 | 8423553 | 0.38 | cps |
| Bromine | 81-1 | 25575 | 27158 | 27088 | 26607 | 3.36 | cps |
| Bromine | 81-2 | 2907 | 2700 | 2610 | 2739 | 5.55 | cps |
| Cadmium | 108-1 | 1560 | 1627 | 1707 | 1631 | 4.50 | cps |
| Cadmium | 106-1 | 7775 | 7319 | 7315 | 7470 | 3.54 | cps |
| Cadmium | 111-1 | 18999 | 19127 | 19175 | 19101 | 0.48 | cps |
| Calcium | 43-1 | 2629548 | 2727225 | 2666412 | 2674395 | 1.84 | cps |
| Calcium | 44-1 | 42092536 | 43722181 | 42955671 | 42923463 | 1.90 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5921718 | 5866592 | 5846492 | 5878267 | 0.66 | cps |
| Cobalt | 59-2 | 130212 | 128686 | 128645 | 129181 | 0.69 | cps |
| Copper | 63-2 | 534217 | 536579 | 530538 | 533778 | 0.57 | cps |
| Dysprosium | 156-1 | 19757 | 19771 | 20215 | 19914 | 1.31 | cps |
| Dysprosium | 156-2 | 16927 | 17141 | 17080 | 17049 | 0.65 | cps |
| Erbium | 164-1 | 20655 | 20211 | 20261 | 20376 | 1.19 | cps |
| Erbium | 164-2 | 14628 | 14688 | 14404 | 14573 | 1.03 | cps |
| Gadolinium | 160-1 | 18943 | 19734 | 19557 | 19411 | 2.14 | cps |
| Gadolinium | 160-2 | 15595 | 15295 | 15085 | 15325 | 1.67 | cps |
| Holmium | 165-1 | 17970595 | 16677704 | 16734931 | 17127743 | 4.26 | cps |
| Holmium | 165-2 | 11846720 | 11936946 | 11622482 | 11802049 | 1.37 | cps |
| Indium | 115-1 | 14351821 | 13177318 | 13322530 | 13617223 | 4.70 | cps |
| Indium | 115-2 | 4880780 | 4880821 | 4846825 | 4869476 | 0.40 | cps |
| Iron | 56-2 | 816717961 | 814119961 | 809708415 | 813515446 | 0.44 | cps |
| Iron | 57-2 | 20283216 | 20390233 | 19910892 | 20194780 | 1.25 | cps |
| Iron | 54-2 | 44685461 | 44305824 | 44000179 | 44330488 | 0.77 | cps |
| Krypton | 83-1 | 220 | 287 | 230 | 246 | 14.64 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8446237 | 8921232 | 8752157 | 8706542 | 2.77 | cps |
| Lead | 207-1 | 7109118 | 7365801 | 7381857 | 7285592 | 2.10 | cps |
| Lead | 208-1 | 33065413 | 34384093 | 34120320 | 33856609 | 2.06 | cps |
| Lithium | 6-1 | 2197934 | 2099890 | 2089830 | 2129218 | 2.80 | cps |
| Magnesium | 24-2 | 6944778 | 6970466 | 6890422 | 6935222 | 0.59 | cps |
| Manganese | 55-2 | 38660430 | 38464336 | 38037762 | 38387509 | 0.83 | cps |
| Molybdenum | 94-1 | 104587 | 109338 | 109425 | 107783 | 2.57 | cps |
| Molybdenum | 95-1 | 143850 | 151191 | 151404 | 148815 | 2.89 | cps |
| Molybdenum | 96-1 | 167623 | 174311 | 173128 | 171687 | 2.08 | cps |
| Molybdenum | 97-1 | 89667 | 95389 | 92641 | 92565 | 3.09 | cps |
| Molybdenum | 98-1 | 232641 | 243711 | 242074 | 239475 | 2.50 | cps |
| Neodymium | 150-1 | 29902 | 30647 | 30733 | 30427 | 1.50 | cps |
| Neodymium | 150-2 | 18405 | 18916 | 18012 | 18444 | 2.46 | cps |
| Nickel | 60-2 | 827889 | 830687 | 825631 | 828069 | 0.31 | cps |
| Phosphorus | 31-2 | 17033 | 17303 | 16819 | 17052 | 1.42 | cps |
| Potassium | 39-2 | 938094 | 934772 | 926746 | 933204 | 0.63 | cps |
| Rhodium | 103-1 | 13041531 | 12298816 | 12025975 | 12455441 | 4.22 | cps |
| Rhodium | 103-2 | 7172448 | 7122270 | 7075635 | 7123451 | 0.68 | cps |
| Scandium | 45-1 | 7769460 | 7108601 | 7042539 | 7306867 | 5.50 | cps |
| Scandium | 45-2 | 611027 | 607486 | 604990 | 607834 | 0.50 | cps |
| Selenium | 82-1 | 462 | 459 | 451 | 457 | 1.24 | cps |
| Selenium | 77-2 | 73 | 67 | 127 | 89 | 37.00 | cps |
| Selenium | 78-2 | 647 | 477 | 453 | 526 | 20.08 | cps |
| Silicon | 28-1 | 24885511 | 25918595 | 25965306 | 25589804 | 2.39 | cps |
| Silver | 107-1 | 47120 | 49785 | 49852 | 48919 | 3.19 | cps |
| Silver | 109-1 | 45464 | 46434 | 47009 | 46303 | 1.69 | cps |
| Sodium | 23-2 | 258810 | 256197 | 258267 | 257758 | 0.53 | cps |
| Strontium | 86-1 | 511656 | 533292 | 534211 | 526386 | 2.42 | cps |
| Strontium | 88-1 | 4638321 | 4826704 | 4747694 | 4737573 | 2.00 | cps |
| Sulfur | 34-1 | 254120 | 253601 | 253374 | 253698 | 0.15 | cps |
| Terbium | 159-1 | 18335102 | 17226245 | 17191996 | 17584447 | 3.70 | cps |
| Terbium | 159-2 | 11577616 | 11600093 | 11382542 | 11520084 | 1.04 | cps |
| Thallium | 203-1 | 16433 | 16650 | 17278 | 16787 | 2.61 | cps |
| Thallium | 205-1 | 38297 | 40219 | 39714 | 39410 | 2.53 | cps |
| Tin | 118-1 | 104919 | 110845 | 111255 | 109006 | 3.25 | cps |
| Titanium | 47-1 | 608921 | 632518 | 627437 | 622958 | 1.99 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 32269 | 33335 | 33616 | 33073 | 2.15 | cps |
| Vanadium | 51-2 | 308335 | 306911 | 305544 | 306930 | 0.45 | cps |
| Yttrium | 89-1 | 22079690 | 20808215 | 20428770 | 21105558 | 4.10 | cps |
| Yttrium | 89-2 | 5534285 | 5497866 | 5441526 | 5491225 | 0.85 | cps |
| Zinc | 66-2 | 2137253 | 2125890 | 2164659 | 2142601 | 0.93 | cps |
| Zirconium | 90-1 | 63597 | 67685 | 67203 | 66162 | 3.38 | cps |
| Zirconium | 91-1 | 14461 | 14574 | 14871 | 14635 | 1.45 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:09:51 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 15457302 | 15567226 | 15528142 | 15517557 | 0.36 | cps |
| Antimony | 121-1 | 5545205 | 5681552 | 5605191 | 5610649 | 1.22 | cps |
| Arsenic | 75-2 | 1586943 | 1561009 | 1536938 | 1561630 | 1.60 | cps |
| Barium | 135-1 | 3581599 | 3690601 | 3638827 | 3637009 | 1.50 | cps |
| Barium | 137-1 | 6156179 | 6344943 | 6258364 | 6253162 | 1.51 | cps |
| Beryllium | 9-1 | 2377 | 2164 | 2107 | 2216 | 6.43 | cps |
| Bismuth | 209-1 | 12892929 | 12210629 | 12101054 | 12401537 | 3.46 | cps |
| Bismuth | 209-2 | 10139814 | 9958417 | 9849799 | 9982677 | 1.47 | cps |
| Bromine | 81-1 | 276160 | 308861 | 315846 | 300289 | 7.06 | cps |
| Bromine | 81-2 | 58967 | 61269 | 60326 | 60187 | 1.92 | cps |
| Cadmium | 108-1 | 4464 | 4411 | 4197 | 4357 | 3.24 | cps |
| Cadmium | 106-1 | 12232 | 12132 | 12245 | 12203 | 0.51 | cps |
| Cadmium | 111-1 | 45066 | 47783 | 45721 | 46190 | 3.07 | cps |
| Calcium | 43-1 | 1225761 | 1251394 | 1223321 | 1233492 | 1.26 | cps |
| Calcium | 44-1 | 19383561 | 19899891 | 19504863 | 19596105 | 1.38 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 915075 | 904155 | 902803 | 907344 | 0.74 | cps |
| Cobalt | 59-2 | 1557117 | 1571431 | 1550721 | 1559756 | 0.68 | cps |
| Copper | 63-2 | 173578717 | 174165824 | 173777151 | 173840564 | 0.17 | cps |
| Dysprosium | 156-1 | 128703 | 130385 | 127601 | 128896 | 1.09 | cps |
| Dysprosium | 156-2 | 104126 | 103461 | 104474 | 104020 | 0.50 | cps |
| Erbium | 164-1 | 121264 | 122575 | 120528 | 121456 | 0.85 | cps |
| Erbium | 164-2 | 84905 | 86308 | 85617 | 85610 | 0.82 | cps |
| Gadolinium | 160-1 | 128177 | 130652 | 127739 | 128856 | 1.22 | cps |
| Gadolinium | 160-2 | 94476 | 94942 | 94617 | 94678 | 0.25 | cps |
| Holmium | 165-1 | 20011193 | 19232088 | 19119598 | 19454293 | 2.50 | cps |
| Holmium | 165-2 | 13628958 | 13188317 | 13226996 | 13348090 | 1.83 | cps |
| Indium | 115-1 | 16821842 | 16449884 | 16333235 | 16534987 | 1.54 | cps |
| Indium | 115-2 | 5888196 | 5802988 | 5786884 | 5826023 | 0.93 | cps |
| Iron | 56-2 | 957006146 | 950099693 | 941440759 | 949515533 | 0.82 | cps |
| Iron | 57-2 | 23697946 | 23593812 | 23616537 | 23636099 | 0.23 | cps |
| Iron | 54-2 | 51605036 | 51451248 | 50957324 | 51337869 | 0.66 | cps |
| Krypton | 83-1 | 433 | 440 | 357 | 410 | 11.29 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:09:51 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 29823580 | 30315120 | 29853430 | 29997377 | 0.92 | cps |
| Lead | 207-1 | 26110120 | 26371905 | 26023881 | 26168635 | 0.69 | cps |
| Lead | 208-1 | 119473082 | 120147178 | 118598807 | 119406356 | 0.65 | cps |
| Lithium | 6-1 | 2522901 | 2529468 | 2518122 | 2523497 | 0.23 | cps |
| Magnesium | 24-2 | 14938104 | 14970623 | 14888993 | 14932573 | 0.28 | cps |
| Manganese | 55-2 | 7379232 | 7358447 | 7245836 | 7327838 | 0.98 | cps |
| Molybdenum | 94-1 | 425254 | 435060 | 429777 | 430030 | 1.14 | cps |
| Molybdenum | 95-1 | 382055 | 390139 | 380667 | 384287 | 1.33 | cps |
| Molybdenum | 96-1 | 452945 | 465102 | 459064 | 459037 | 1.32 | cps |
| Molybdenum | 97-1 | 238963 | 245791 | 240555 | 241769 | 1.48 | cps |
| Molybdenum | 98-1 | 616074 | 630928 | 616003 | 621002 | 1.38 | cps |
| Neodymium | 150-1 | 193977 | 199911 | 195465 | 196451 | 1.57 | cps |
| Neodymium | 150-2 | 116600 | 115236 | 116375 | 116070 | 0.63 | cps |
| Nickel | 60-2 | 314102 | 314729 | 312237 | 313689 | 0.41 | cps |
| Phosphorus | 31-2 | 61499 | 61653 | 60901 | 61351 | 0.65 | cps |
| Potassium | 39-2 | 7130964 | 7184844 | 7110192 | 7142000 | 0.54 | cps |
| Rhodium | 103-1 | 14393234 | 14043193 | 13714628 | 14050351 | 2.42 | cps |
| Rhodium | 103-2 | 8197305 | 8065384 | 8075121 | 8112603 | 0.91 | cps |
| Scandium | 45-1 | 8879957 | 8675184 | 8577493 | 8710878 | 1.77 | cps |
| Scandium | 45-2 | 734060 | 721458 | 719216 | 724911 | 1.10 | cps |
| Selenium | 82-1 | 2810 | 2903 | 2980 | 2898 | 2.93 | cps |
| Selenium | 77-2 | 593 | 620 | 607 | 607 | 2.20 | cps |
| Selenium | 78-2 | 1530 | 1433 | 1507 | 1490 | 3.39 | cps |
| Silicon | 28-1 | 195309330 | 200526864 | 198166957 | 198001050 | 1.32 | cps |
| Silver | 107-1 | 878790 | 889014 | 875589 | 881131 | 0.80 | cps |
| Silver | 109-1 | 836669 | 849206 | 837027 | 840967 | 0.85 | cps |
| Sodium | 23-2 | 56954421 | 57304712 | 56468889 | 56909341 | 0.74 | cps |
| Strontium | 86-1 | 1627431 | 1658484 | 1648393 | 1644769 | 0.96 | cps |
| Strontium | 88-1 | 14135705 | 14434501 | 14192673 | 14254293 | 1.11 | cps |
| Sulfur | 34-1 | 3989625 | 4046022 | 3942442 | 3992696 | 1.30 | cps |
| Terbium | 159-1 | 20401229 | 19741818 | 19675423 | 19939490 | 2.01 | cps |
| Terbium | 159-2 | 13262214 | 13001382 | 13020309 | 13094635 | 1.11 | cps |
| Thallium | 203-1 | 53254 | 52487 | 52859 | 52866 | 0.73 | cps |
| Thallium | 205-1 | 126407 | 127366 | 124607 | 126127 | 1.11 | cps |
| Tin | 118-1 | 2871659 | 2934163 | 2926275 | 2910699 | 1.17 | cps |
| Titanium | 47-1 | 4125594 | 4331809 | 4176769 | 4211391 | 2.55 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:09:51 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 286062 | 288275 | 288925 | 287754 | 0.52 | cps |
| Vanadium | 51-2 | 900607 | 887026 | 887175 | 891603 | 0.87 | cps |
| Yttrium | 89-1 | 26290023 | 25542920 | 25391946 | 25741630 | 1.87 | cps |
| Yttrium | 89-2 | 6752663 | 6549149 | 6586643 | 6629485 | 1.63 | cps |
| Zinc | 66-2 | 9517235 | 9375715 | 9438149 | 9443700 | 0.75 | cps |
| Zirconium | 90-1 | 566434 | 586460 | 578405 | 577100 | 1.75 | cps |
| Zirconium | 91-1 | 127260 | 133700 | 130638 | 130533 | 2.47 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8545499 | 8507968 | 8536321 | 8529929 | 0.23 | cps |
| Antimony | 121-1 | 2150 | 2254 | 2227 | 2210 | 2.43 | cps |
| Arsenic | 75-2 | 6201 | 6421 | 6612 | 6411 | 3.20 | cps |
| Barium | 135-1 | 723074 | 727312 | 723704 | 724696 | 0.32 | cps |
| Barium | 137-1 | 1244736 | 1254216 | 1254724 | 1251225 | 0.45 | cps |
| Beryllium | 9-1 | 1850 | 1617 | 1640 | 1702 | 7.55 | cps |
| Bismuth | 209-1 | 9958542 | 9925680 | 9956835 | 9947019 | 0.19 | cps |
| Bismuth | 209-2 | 8259471 | 8336704 | 8232957 | 8276377 | 0.65 | cps |
| Bromine | 81-1 | 22604 | 22060 | 20217 | 21627 | 5.78 | cps |
| Bromine | 81-2 | 1083 | 1090 | 950 | 1041 | 7.59 | cps |
| Cadmium | 108-1 | 1007 | 867 | 923 | 932 | 7.55 | cps |
| Cadmium | 106-1 | 7098 | 7459 | 7282 | 7280 | 2.47 | cps |
| Cadmium | 111-1 | 1960 | 2242 | 2073 | 2092 | 6.77 | cps |
| Calcium | 43-1 | 610141 | 623063 | 623636 | 618947 | 1.23 | cps |
| Calcium | 44-1 | 9635216 | 9869323 | 9722396 | 9742312 | 1.21 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 207808 | 209353 | 208707 | 208622 | 0.37 | cps |
| Cobalt | 59-2 | 277291 | 276656 | 277858 | 277269 | 0.22 | cps |
| Copper | 63-2 | 475485 | 477714 | 475163 | 476121 | 0.29 | cps |
| Dysprosium | 156-1 | 92989 | 94354 | 93589 | 93644 | 0.73 | cps |
| Dysprosium | 156-2 | 76755 | 78035 | 78099 | 77629 | 0.98 | cps |
| Erbium | 164-1 | 93406 | 94591 | 94469 | 94155 | 0.69 | cps |
| Erbium | 164-2 | 66678 | 68450 | 67455 | 67528 | 1.32 | cps |
| Gadolinium | 160-1 | 94771 | 94757 | 96043 | 95190 | 0.78 | cps |
| Gadolinium | 160-2 | 72104 | 72204 | 71535 | 71948 | 0.50 | cps |
| Holmium | 165-1 | 16834306 | 16521482 | 16591444 | 16649077 | 0.99 | cps |
| Holmium | 165-2 | 11871159 | 11900135 | 11787282 | 11852858 | 0.49 | cps |
| Indium | 115-1 | 13151266 | 13190119 | 13292983 | 13211456 | 0.55 | cps |
| Indium | 115-2 | 4902523 | 4895935 | 4904693 | 4901050 | 0.09 | cps |
| Iron | 56-2 | 322922955 | 322651042 | 322407475 | 322660491 | 0.08 | cps |
| Iron | 57-2 | 7955586 | 7964449 | 8011601 | 7977212 | 0.38 | cps |
| Iron | 54-2 | 17592389 | 17576309 | 17560168 | 17576289 | 0.09 | cps |
| Krypton | 83-1 | 340 | 360 | 307 | 336 | 8.03 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 185644 | 186521 | 184625 | 185597 | 0.51 | cps |
| Lead | 207-1 | 155926 | 155202 | 155816 | 155648 | 0.25 | cps |
| Lead | 208-1 | 722712 | 724625 | 722438 | 723258 | 0.16 | cps |
| Lithium | 6-1 | 2030121 | 2028653 | 2011361 | 2023378 | 0.52 | cps |
| Magnesium | 24-2 | 7579344 | 7629639 | 7591420 | 7600134 | 0.35 | cps |
| Manganese | 55-2 | 4014347 | 4063827 | 3964279 | 4014151 | 1.24 | cps |
| Molybdenum | 94-1 | 389549 | 402343 | 396450 | 396114 | 1.62 | cps |
| Molybdenum | 95-1 | 5398 | 5644 | 5424 | 5489 | 2.47 | cps |
| Molybdenum | 96-1 | 75282 | 76154 | 77001 | 76146 | 1.13 | cps |
| Molybdenum | 97-1 | 3417 | 3480 | 3540 | 3479 | 1.77 | cps |
| Molybdenum | 98-1 | 8659 | 8473 | 8456 | 8529 | 1.32 | cps |
| Neodymium | 150-1 | 141717 | 140182 | 144101 | 142000 | 1.39 | cps |
| Neodymium | 150-2 | 86533 | 86885 | 85923 | 86447 | 0.56 | cps |
| Nickel | 60-2 | 108224 | 108166 | 108519 | 108303 | 0.17 | cps |
| Phosphorus | 31-2 | 21238 | 21185 | 21305 | 21243 | 0.28 | cps |
| Potassium | 39-2 | 1069817 | 1076267 | 1078923 | 1075002 | 0.44 | cps |
| Rhodium | 103-1 | 11992323 | 12201004 | 12033220 | 12075516 | 0.92 | cps |
| Rhodium | 103-2 | 7274052 | 7200257 | 7255805 | 7243371 | 0.53 | cps |
| Scandium | 45-1 | 7334451 | 7318251 | 7327934 | 7326879 | 0.11 | cps |
| Scandium | 45-2 | 644483 | 647411 | 644009 | 645301 | 0.29 | cps |
| Selenium | 82-1 | 293 | 260 | 327 | 293 | 11.41 | cps |
| Selenium | 77-2 | 223 | 217 | 220 | 220 | 1.52 | cps |
| Selenium | 78-2 | 620 | 710 | 623 | 651 | 7.84 | cps |
| Silicon | 28-1 | 18274999 | 18486311 | 18583608 | 18448306 | 0.86 | cps |
| Silver | 107-1 | 2770 | 2654 | 2717 | 2714 | 2.15 | cps |
| Silver | 109-1 | 1957 | 2094 | 1977 | 2009 | 3.67 | cps |
| Sodium | 23-2 | 632019 | 630717 | 631818 | 631518 | 0.11 | cps |
| Strontium | 86-1 | 482152 | 485707 | 487673 | 485177 | 0.58 | cps |
| Strontium | 88-1 | 4340917 | 4371162 | 4318657 | 4343579 | 0.61 | cps |
| Sulfur | 34-1 | 151809 | 159290 | 159856 | 156985 | 2.86 | cps |
| Terbium | 159-1 | 16879772 | 16838669 | 17013276 | 16910572 | 0.54 | cps |
| Terbium | 159-2 | 11781835 | 11431081 | 11639581 | 11617499 | 1.52 | cps |
| Thallium | 203-1 | 3731 | 3794 | 3777 | 3767 | 0.87 | cps |
| Thallium | 205-1 | 9187 | 8976 | 8663 | 8942 | 2.95 | cps |
| Tin | 118-1 | 19276 | 19206 | 19467 | 19316 | 0.70 | cps |
| Titanium | 47-1 | 4847425 | 4840525 | 4872786 | 4853579 | 0.35 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 62395 | 62684 | 63233 | 62771 | 0.68 | cps |
| Vanadium | 51-2 | 760773 | 757490 | 759596 | 759286 | 0.22 | cps |
| Yttrium | 89-1 | 21440586 | 21386496 | 21488090 | 21438391 | 0.24 | cps |
| Yttrium | 89-2 | 5932347 | 5840550 | 5846908 | 5873268 | 0.87 | cps |
| Zinc | 66-2 | 139137 | 139467 | 139773 | 139459 | 0.23 | cps |
| Zirconium | 90-1 | 1056351 | 1087219 | 1074144 | 1072571 | 1.44 | cps |
| Zirconium | 91-1 | 234887 | 241708 | 240371 | 238989 | 1.51 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18558542 | 18344263 | 18439779 | 18447528 | 0.58 | cps |
| Antimony | 121-1 | 1317 | 1303 | 1280 | 1300 | 1.43 | cps |
| Arsenic | 75-2 | 4631 | 4924 | 4591 | 4715 | 3.86 | cps |
| Barium | 135-1 | 686549 | 694100 | 689940 | 690196 | 0.55 | cps |
| Barium | 137-1 | 1197904 | 1203732 | 1199170 | 1200268 | 0.26 | cps |
| Beryllium | 9-1 | 1983 | 1957 | 1930 | 1957 | 1.36 | cps |
| Bismuth | 209-1 | 9734605 | 9826948 | 9677580 | 9746377 | 0.77 | cps |
| Bismuth | 209-2 | 8381388 | 8132247 | 8243196 | 8252277 | 1.51 | cps |
| Bromine | 81-1 | 16589 | 16700 | 16289 | 16526 | 1.29 | cps |
| Bromine | 81-2 | 687 | 610 | 753 | 683 | 10.50 | cps |
| Cadmium | 108-1 | 1067 | 1137 | 1240 | 1148 | 7.60 | cps |
| Cadmium | 106-1 | 7762 | 7922 | 7769 | 7818 | 1.16 | cps |
| Cadmium | 111-1 | 2477 | 2455 | 2324 | 2418 | 3.42 | cps |
| Calcium | 43-1 | 496451 | 490990 | 491923 | 493122 | 0.59 | cps |
| Calcium | 44-1 | 7714054 | 7659833 | 7638896 | 7670927 | 0.51 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 285241 | 283105 | 284455 | 284267 | 0.38 | cps |
| Cobalt | 59-2 | 284847 | 281839 | 284683 | 283790 | 0.60 | cps |
| Copper | 63-2 | 590705 | 587657 | 586887 | 588416 | 0.34 | cps |
| Dysprosium | 156-1 | 93398 | 91468 | 91955 | 92274 | 1.09 | cps |
| Dysprosium | 156-2 | 77841 | 77274 | 78082 | 77732 | 0.53 | cps |
| Erbium | 164-1 | 80825 | 81982 | 81067 | 81291 | 0.75 | cps |
| Erbium | 164-2 | 58164 | 58258 | 57628 | 58016 | 0.59 | cps |
| Gadolinium | 160-1 | 90493 | 91838 | 91067 | 91133 | 0.74 | cps |
| Gadolinium | 160-2 | 69092 | 68041 | 68620 | 68584 | 0.77 | cps |
| Holmium | 165-1 | 16327269 | 16243925 | 16384991 | 16318728 | 0.43 | cps |
| Holmium | 165-2 | 11804972 | 11706112 | 11803485 | 11771523 | 0.48 | cps |
| Indium | 115-1 | 13006797 | 12990460 | 13128072 | 13041776 | 0.58 | cps |
| Indium | 115-2 | 4908255 | 4821873 | 4844250 | 4858126 | 0.92 | cps |
| Iron | 56-2 | 346108675 | 343260982 | 341860542 | 343743399 | 0.63 | cps |
| Iron | 57-2 | 8574527 | 8399674 | 8451809 | 8475337 | 1.06 | cps |
| Iron | 54-2 | 18774348 | 18431568 | 18569338 | 18591751 | 0.93 | cps |
| Krypton | 83-1 | 317 | 323 | 287 | 309 | 6.32 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 259776 | 260852 | 261623 | 260751 | 0.36 | cps |
| Lead | 207-1 | 218467 | 218554 | 219648 | 218890 | 0.30 | cps |
| Lead | 208-1 | 1010479 | 1011763 | 1015947 | 1012730 | 0.28 | cps |
| Lithium | 6-1 | 1981758 | 2027871 | 2027057 | 2012228 | 1.31 | cps |
| Magnesium | 24-2 | 10813777 | 10854520 | 10796144 | 10821481 | 0.28 | cps |
| Manganese | 55-2 | 4793320 | 4694545 | 4784173 | 4757346 | 1.15 | cps |
| Molybdenum | 94-1 | 516874 | 511292 | 515011 | 514392 | 0.55 | cps |
| Molybdenum | 95-1 | 3954 | 4061 | 3994 | 4003 | 1.35 | cps |
| Molybdenum | 96-1 | 93258 | 95240 | 93073 | 93857 | 1.28 | cps |
| Molybdenum | 97-1 | 2564 | 2557 | 2354 | 2491 | 4.79 | cps |
| Molybdenum | 98-1 | 6191 | 6448 | 6271 | 6304 | 2.08 | cps |
| Neodymium | 150-1 | 153269 | 153337 | 151369 | 152658 | 0.73 | cps |
| Neodymium | 150-2 | 93467 | 93440 | 92732 | 93213 | 0.45 | cps |
| Nickel | 60-2 | 112605 | 111886 | 111430 | 111974 | 0.53 | cps |
| Phosphorus | 31-2 | 23271 | 22894 | 22854 | 23006 | 1.00 | cps |
| Potassium | 39-2 | 1335365 | 1315998 | 1310445 | 1320603 | 0.99 | cps |
| Rhodium | 103-1 | 11862490 | 11810890 | 11841734 | 11838372 | 0.22 | cps |
| Rhodium | 103-2 | 7124586 | 6957399 | 7075197 | 7052394 | 1.22 | cps |
| Scandium | 45-1 | 7322567 | 7319470 | 7240768 | 7294268 | 0.64 | cps |
| Scandium | 45-2 | 636512 | 634035 | 641179 | 637242 | 0.57 | cps |
| Selenium | 82-1 | 290 | 242 | 273 | 268 | 8.97 | cps |
| Selenium | 77-2 | 260 | 200 | 273 | 244 | 15.98 | cps |
| Selenium | 78-2 | 607 | 683 | 587 | 626 | 8.16 | cps |
| Silicon | 28-1 | 28113882 | 27776341 | 27837467 | 27909230 | 0.64 | cps |
| Silver | 107-1 | 2164 | 2090 | 1960 | 2071 | 4.97 | cps |
| Silver | 109-1 | 1320 | 1323 | 1257 | 1300 | 2.89 | cps |
| Sodium | 23-2 | 600961 | 598414 | 602640 | 600672 | 0.35 | cps |
| Strontium | 86-1 | 522244 | 522887 | 520680 | 521937 | 0.22 | cps |
| Strontium | 88-1 | 4648671 | 4699231 | 4617084 | 4654995 | 0.89 | cps |
| Sulfur | 34-1 | 155320 | 151583 | 151792 | 152899 | 1.37 | cps |
| Terbium | 159-1 | 16921306 | 16792909 | 16530876 | 16748364 | 1.19 | cps |
| Terbium | 159-2 | 11607303 | 11494077 | 11490510 | 11530630 | 0.58 | cps |
| Thallium | 203-1 | 2610 | 2480 | 2417 | 2502 | 3.94 | cps |
| Thallium | 205-1 | 5621 | 5995 | 5908 | 5841 | 3.35 | cps |
| Tin | 118-1 | 14698 | 13990 | 13680 | 14123 | 3.69 | cps |
| Titanium | 47-1 | 3854858 | 3839075 | 3835476 | 3843136 | 0.27 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 50154 | 49863 | 50221 | 50080 | 0.38 | cps |
| Vanadium | 51-2 | 700895 | 694092 | 694405 | 696464 | 0.55 | cps |
| Yttrium | 89-1 | 21133049 | 21281559 | 20873472 | 21096027 | 0.98 | cps |
| Yttrium | 89-2 | 5738923 | 5632178 | 5723893 | 5698331 | 1.01 | cps |
| Zinc | 66-2 | 253530 | 252510 | 251506 | 252516 | 0.40 | cps |
| Zirconium | 90-1 | 1440590 | 1460466 | 1391126 | 1430727 | 2.50 | cps |
| Zirconium | 91-1 | 311478 | 309581 | 309504 | 310188 | 0.36 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:20:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2843139 | 2889767 | 2788108 | 2840338 | 1.79 | cps |
| Antimony | 121-1 | 963363 | 960062 | 956971 | 960132 | 0.33 | cps |
| Arsenic | 75-2 | 267452 | 264883 | 266614 | 266316 | 0.49 | cps |
| Barium | 135-1 | 617689 | 622348 | 618814 | 619617 | 0.39 | cps |
| Barium | 137-1 | 1071906 | 1073907 | 1066977 | 1070930 | 0.33 | cps |
| Beryllium | 9-1 | 420 | 490 | 497 | 469 | 9.06 | cps |
| Bismuth | 209-1 | 10329037 | 10142645 | 10115881 | 10195854 | 1.14 | cps |
| Bismuth | 209-2 | 8613796 | 8557769 | 8483158 | 8551574 | 0.77 | cps |
| Bromine | 81-1 | 62930 | 67925 | 69556 | 66804 | 5.17 | cps |
| Bromine | 81-2 | 11074 | 11138 | 10924 | 11045 | 0.99 | cps |
| Cadmium | 108-1 | 787 | 840 | 897 | 841 | 6.54 | cps |
| Cadmium | 106-1 | 5578 | 5358 | 5374 | 5437 | 2.25 | cps |
| Cadmium | 111-1 | 8916 | 8975 | 8797 | 8896 | 1.02 | cps |
| Calcium | 43-1 | 219913 | 218578 | 221026 | 219839 | 0.56 | cps |
| Calcium | 44-1 | 3494384 | 3503097 | 3450321 | 3482601 | 0.81 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 167930 | 167279 | 167427 | 167545 | 0.20 | cps |
| Cobalt | 59-2 | 275184 | 275688 | 272954 | 274609 | 0.53 | cps |
| Copper | 63-2 | 31635469 | 31254964 | 31135695 | 31342043 | 0.83 | cps |
| Dysprosium | 156-1 | 22949 | 23099 | 22915 | 22988 | 0.43 | cps |
| Dysprosium | 156-2 | 18849 | 19013 | 19026 | 18963 | 0.52 | cps |
| Erbium | 164-1 | 21867 | 21967 | 21593 | 21809 | 0.89 | cps |
| Erbium | 164-2 | 15475 | 15759 | 15429 | 15554 | 1.15 | cps |
| Gadolinium | 160-1 | 22805 | 23660 | 22942 | 23136 | 1.98 | cps |
| Gadolinium | 160-2 | 17958 | 17695 | 17765 | 17806 | 0.77 | cps |
| Holmium | 165-1 | 16767986 | 16422031 | 16220211 | 16470076 | 1.68 | cps |
| Holmium | 165-2 | 11960183 | 11830707 | 11784861 | 11858584 | 0.77 | cps |
| Indium | 115-1 | 13612586 | 13353974 | 13580247 | 13515602 | 1.04 | cps |
| Indium | 115-2 | 5099810 | 5025912 | 5046763 | 5057495 | 0.75 | cps |
| Iron | 56-2 | 176009491 | 176631897 | 175136644 | 175926011 | 0.43 | cps |
| Iron | 57-2 | 4319066 | 4379068 | 4301739 | 4333291 | 0.94 | cps |
| Iron | 54-2 | 9499027 | 9574636 | 9509585 | 9527750 | 0.43 | cps |
| Krypton | 83-1 | 243 | 210 | 267 | 240 | 11.87 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:20:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5587933 | 5550479 | 5477973 | 5538795 | 1.01 | cps |
| Lead | 207-1 | 4875596 | 4835824 | 4760225 | 4823882 | 1.21 | cps |
| Lead | 208-1 | 22088132 | 22083370 | 21691887 | 21954463 | 1.04 | cps |
| Lithium | 6-1 | 2078912 | 2019289 | 2032231 | 2043478 | 1.53 | cps |
| Magnesium | 24-2 | 2722684 | 2722879 | 2687197 | 2710920 | 0.76 | cps |
| Manganese | 55-2 | 3293413 | 3282765 | 3283538 | 3286572 | 0.18 | cps |
| Molybdenum | 94-1 | 76080 | 76763 | 75942 | 76262 | 0.58 | cps |
| Molybdenum | 95-1 | 66226 | 67535 | 66832 | 66864 | 0.98 | cps |
| Molybdenum | 96-1 | 80939 | 81432 | 81049 | 81140 | 0.32 | cps |
| Molybdenum | 97-1 | 42181 | 42779 | 42535 | 42498 | 0.71 | cps |
| Molybdenum | 98-1 | 108992 | 108126 | 108838 | 108652 | 0.43 | cps |
| Neodymium | 150-1 | 34639 | 35483 | 35424 | 35182 | 1.34 | cps |
| Neodymium | 150-2 | 21143 | 22198 | 21213 | 21518 | 2.74 | cps |
| Nickel | 60-2 | 58935 | 57697 | 56797 | 57810 | 1.86 | cps |
| Phosphorus | 31-2 | 10667 | 10907 | 10754 | 10776 | 1.13 | cps |
| Potassium | 39-2 | 1355302 | 1369819 | 1329468 | 1351530 | 1.51 | cps |
| Rhodium | 103-1 | 12060801 | 12163439 | 12276587 | 12166943 | 0.89 | cps |
| Rhodium | 103-2 | 7347372 | 7260384 | 7320511 | 7309422 | 0.61 | cps |
| Scandium | 45-1 | 7173963 | 7165652 | 7187598 | 7175738 | 0.15 | cps |
| Scandium | 45-2 | 628312 | 626167 | 619829 | 624769 | 0.71 | cps |
| Selenium | 82-1 | 604 | 606 | 580 | 597 | 2.39 | cps |
| Selenium | 77-2 | 123 | 100 | 120 | 114 | 11.03 | cps |
| Selenium | 78-2 | 517 | 643 | 660 | 607 | 12.92 | cps |
| Silicon | 28-1 | 36076644 | 36152786 | 36071166 | 36100199 | 0.13 | cps |
| Silver | 107-1 | 158408 | 160290 | 160547 | 159748 | 0.73 | cps |
| Silver | 109-1 | 152027 | 149855 | 151253 | 151045 | 0.73 | cps |
| Sodium | 23-2 | 10265826 | 10142700 | 10097230 | 10168586 | 0.86 | cps |
| Strontium | 86-1 | 278848 | 278825 | 279113 | 278929 | 0.06 | cps |
| Strontium | 88-1 | 2518699 | 2540473 | 2524973 | 2528048 | 0.44 | cps |
| Sulfur | 34-1 | 767780 | 780200 | 765433 | 771137 | 1.03 | cps |
| Terbium | 159-1 | 17057233 | 16806034 | 16906135 | 16923134 | 0.75 | cps |
| Terbium | 159-2 | 11771189 | 11589127 | 11723270 | 11694528 | 0.81 | cps |
| Thallium | 203-1 | 9433 | 9177 | 9340 | 9317 | 1.40 | cps |
| Thallium | 205-1 | 21981 | 22248 | 22265 | 22165 | 0.72 | cps |
| Tin | 118-1 | 498949 | 501857 | 500031 | 500279 | 0.29 | cps |
| Titanium | 47-1 | 708518 | 714713 | 714421 | 712551 | 0.49 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:20:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 51838 | 51884 | 51409 | 51710 | 0.51 | cps |
| Vanadium | 51-2 | 163130 | 162935 | 162803 | 162956 | 0.10 | cps |
| Yttrium | 89-1 | 20631289 | 20437475 | 20459433 | 20509399 | 0.52 | cps |
| Yttrium | 89-2 | 5671319 | 5664961 | 5591244 | 5642508 | 0.79 | cps |
| Zinc | 66-2 | 1684962 | 1675787 | 1666913 | 1675887 | 0.54 | cps |
| Zirconium | 90-1 | 103531 | 102477 | 101810 | 102606 | 0.85 | cps |
| Zirconium | 91-1 | 22975 | 23726 | 23078 | 23260 | 1.75 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11960608 | 11928088 | 11973027 | 11953908 | 0.19 | cps |
| Antimony | 121-1 | 1760 | 1630 | 1737 | 1709 | 4.06 | cps |
| Arsenic | 75-2 | 3987 | 4044 | 4171 | 4067 | 2.31 | cps |
| Barium | 135-1 | 721245 | 727454 | 726442 | 725047 | 0.46 | cps |
| Barium | 137-1 | 1253406 | 1267882 | 1262595 | 1261294 | 0.58 | cps |
| Beryllium | 9-1 | 1620 | 1503 | 1507 | 1543 | 4.30 | cps |
| Bismuth | 209-1 | 9876459 | 9776666 | 9668984 | 9774037 | 1.06 | cps |
| Bismuth | 209-2 | 8193497 | 8206650 | 8238263 | 8212803 | 0.28 | cps |
| Bromine | 81-1 | 18225 | 16673 | 16766 | 17221 | 5.05 | cps |
| Bromine | 81-2 | 710 | 730 | 727 | 722 | 1.48 | cps |
| Cadmium | 108-1 | 1080 | 1127 | 1030 | 1079 | 4.48 | cps |
| Cadmium | 106-1 | 7152 | 7502 | 7182 | 7279 | 2.67 | cps |
| Cadmium | 111-1 | 3157 | 3338 | 3213 | 3236 | 2.86 | cps |
| Calcium | 43-1 | 380386 | 383966 | 381271 | 381874 | 0.49 | cps |
| Calcium | 44-1 | 6049490 | 6012451 | 5936090 | 5999344 | 0.96 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 185030 | 183694 | 185333 | 184686 | 0.47 | cps |
| Cobalt | 59-2 | 202088 | 201699 | 200268 | 201352 | 0.48 | cps |
| Copper | 63-2 | 335373 | 337013 | 333842 | 335409 | 0.47 | cps |
| Dysprosium | 156-1 | 48898 | 48985 | 49584 | 49156 | 0.76 | cps |
| Dysprosium | 156-2 | 42521 | 41993 | 42785 | 42433 | 0.95 | cps |
| Erbium | 164-1 | 43273 | 44036 | 44310 | 43873 | 1.22 | cps |
| Erbium | 164-2 | 32585 | 32003 | 31686 | 32091 | 1.42 | cps |
| Gadolinium | 160-1 | 47761 | 47714 | 47597 | 47691 | 0.18 | cps |
| Gadolinium | 160-2 | 36317 | 36969 | 36237 | 36507 | 1.10 | cps |
| Holmium | 165-1 | 16473330 | 16255706 | 16208526 | 16312520 | 0.87 | cps |
| Holmium | 165-2 | 11718179 | 11598310 | 11600064 | 11638851 | 0.59 | cps |
| Indium | 115-1 | 13170278 | 12863744 | 12960767 | 12998263 | 1.21 | cps |
| Indium | 115-2 | 4849566 | 4791326 | 4845206 | 4828700 | 0.67 | cps |
| Iron | 56-2 | 243266510 | 242279756 | 241225650 | 242257305 | 0.42 | cps |
| Iron | 57-2 | 6021800 | 5969833 | 5938597 | 5976743 | 0.70 | cps |
| Iron | 54-2 | 13116192 | 13045756 | 13152323 | 13104757 | 0.41 | cps |
| Krypton | 83-1 | 247 | 203 | 243 | 231 | 10.43 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 460874 | 459855 | 459027 | 459919 | 0.20 | cps |
| Lead | 207-1 | 384633 | 387261 | 384981 | 385625 | 0.37 | cps |
| Lead | 208-1 | 1779149 | 1793825 | 1785430 | 1786135 | 0.41 | cps |
| Lithium | 6-1 | 1989943 | 1972855 | 2005832 | 1989543 | 0.83 | cps |
| Magnesium | 24-2 | 6530027 | 6451598 | 6441956 | 6474527 | 0.75 | cps |
| Manganese | 55-2 | 3693524 | 3641258 | 3607874 | 3647552 | 1.18 | cps |
| Molybdenum | 94-1 | 430126 | 430811 | 433130 | 431356 | 0.37 | cps |
| Molybdenum | 95-1 | 3554 | 3737 | 3564 | 3618 | 2.85 | cps |
| Molybdenum | 96-1 | 77688 | 79116 | 79052 | 78619 | 1.03 | cps |
| Molybdenum | 97-1 | 2374 | 2400 | 2154 | 2309 | 5.86 | cps |
| Molybdenum | 98-1 | 5975 | 5928 | 5978 | 5960 | 0.47 | cps |
| Neodymium | 150-1 | 79838 | 78869 | 79030 | 79246 | 0.66 | cps |
| Neodymium | 150-2 | 49189 | 48851 | 48342 | 48794 | 0.87 | cps |
| Nickel | 60-2 | 76752 | 76065 | 75921 | 76246 | 0.58 | cps |
| Phosphorus | 31-2 | 17153 | 17300 | 16699 | 17051 | 1.84 | cps |
| Potassium | 39-2 | 1093798 | 1089156 | 1084489 | 1089148 | 0.43 | cps |
| Rhodium | 103-1 | 11972532 | 11770309 | 11772519 | 11838453 | 0.98 | cps |
| Rhodium | 103-2 | 7137166 | 7068494 | 7057231 | 7087630 | 0.61 | cps |
| Scandium | 45-1 | 7238609 | 7134836 | 7023060 | 7132168 | 1.51 | cps |
| Scandium | 45-2 | 638759 | 631154 | 629747 | 633220 | 0.77 | cps |
| Selenium | 82-1 | 234 | 277 | 239 | 250 | 9.54 | cps |
| Selenium | 77-2 | 87 | 110 | 103 | 100 | 12.02 | cps |
| Selenium | 78-2 | 483 | 527 | 680 | 563 | 18.34 | cps |
| Silicon | 28-1 | 21243861 | 21212785 | 21186828 | 21214491 | 0.13 | cps |
| Silver | 107-1 | 1823 | 1747 | 1903 | 1825 | 4.29 | cps |
| Silver | 109-1 | 1057 | 1127 | 1143 | 1109 | 4.15 | cps |
| Sodium | 23-2 | 391050 | 390643 | 388984 | 390226 | 0.28 | cps |
| Strontium | 86-1 | 528528 | 529349 | 528247 | 528708 | 0.11 | cps |
| Strontium | 88-1 | 4834588 | 4755847 | 4718807 | 4769748 | 1.24 | cps |
| Sulfur | 34-1 | 148550 | 148816 | 146528 | 147965 | 0.85 | cps |
| Terbium | 159-1 | 16866947 | 16684754 | 16324461 | 16625387 | 1.66 | cps |
| Terbium | 159-2 | 11439794 | 11514939 | 11482830 | 11479187 | 0.33 | cps |
| Thallium | 203-1 | 2257 | 2360 | 2284 | 2300 | 2.33 | cps |
| Thallium | 205-1 | 5144 | 5401 | 5404 | 5317 | 2.81 | cps |
| Tin | 118-1 | 17474 | 18388 | 18218 | 18027 | 2.70 | cps |
| Titanium | 47-1 | 2259668 | 2240244 | 2239819 | 2246577 | 0.50 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 40505 | 41214 | 40793 | 40837 | 0.87 | cps |
| Vanadium | 51-2 | 552876 | 550215 | 547875 | 550322 | 0.45 | cps |
| Yttrium | 89-1 | 20457575 | 20348613 | 20009857 | 20272015 | 1.15 | cps |
| Yttrium | 89-2 | 5596297 | 5529100 | 5516189 | 5547195 | 0.78 | cps |
| Zinc | 66-2 | 336445 | 335946 | 337605 | 336666 | 0.25 | cps |
| Zirconium | 90-1 | 1168777 | 1170865 | 1171063 | 1170235 | 0.11 | cps |
| Zirconium | 91-1 | 260941 | 261978 | 261153 | 261357 | 0.21 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:26:35 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10482020 | 10518162 | 10482346 | 10494176 | 0.20 | cps |
| Antimony | 121-1 | 1440 | 1403 | 1610 | 1485 | 7.43 | cps |
| Arsenic | 75-2 | 5351 | 5414 | 5708 | 5491 | 3.47 | cps |
| Barium | 135-1 | 872859 | 863168 | 862198 | 866075 | 0.68 | cps |
| Barium | 137-1 | 1514928 | 1506110 | 1491269 | 1504102 | 0.79 | cps |
| Beryllium | 9-1 | 1690 | 1577 | 1653 | 1640 | 3.53 | cps |
| Bismuth | 209-1 | 9817374 | 9654187 | 9724199 | 9731920 | 0.84 | cps |
| Bismuth | 209-2 | 8251229 | 8183424 | 8116971 | 8183875 | 0.82 | cps |
| Bromine | 81-1 | 16416 | 16626 | 16282 | 16441 | 1.05 | cps |
| Bromine | 81-2 | 650 | 607 | 707 | 654 | 7.66 | cps |
| Cadmium | 108-1 | 910 | 833 | 950 | 898 | 6.60 | cps |
| Cadmium | 106-1 | 6682 | 6852 | 7202 | 6912 | 3.84 | cps |
| Cadmium | 111-1 | 1874 | 2011 | 2115 | 2000 | 6.04 | cps |
| Calcium | 43-1 | 552322 | 545330 | 544023 | 547225 | 0.82 | cps |
| Calcium | 44-1 | 8538163 | 8621562 | 8478796 | 8546174 | 0.84 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 238570 | 237660 | 237494 | 237908 | 0.24 | cps |
| Cobalt | 59-2 | 263268 | 260130 | 260436 | 261278 | 0.66 | cps |
| Copper | 63-2 | 552999 | 550257 | 547741 | 550332 | 0.48 | cps |
| Dysprosium | 156-1 | 58230 | 56563 | 56222 | 57005 | 1.88 | cps |
| Dysprosium | 156-2 | 48142 | 47359 | 47727 | 47743 | 0.82 | cps |
| Erbium | 164-1 | 53753 | 54134 | 54455 | 54114 | 0.65 | cps |
| Erbium | 164-2 | 38710 | 39285 | 39108 | 39034 | 0.75 | cps |
| Gadolinium | 160-1 | 55590 | 55750 | 55098 | 55479 | 0.61 | cps |
| Gadolinium | 160-2 | 42063 | 41959 | 40712 | 41578 | 1.81 | cps |
| Holmium | 165-1 | 16244326 | 16146456 | 15999995 | 16130259 | 0.76 | cps |
| Holmium | 165-2 | 11608852 | 11549242 | 11542532 | 11566876 | 0.32 | cps |
| Indium | 115-1 | 12974016 | 12847322 | 12913485 | 12911608 | 0.49 | cps |
| Indium | 115-2 | 4876392 | 4816006 | 4838988 | 4843795 | 0.63 | cps |
| Iron | 56-2 | 275100103 | 274039863 | 272009096 | 273716354 | 0.57 | cps |
| Iron | 57-2 | 6747957 | 6745549 | 6755225 | 6749577 | 0.07 | cps |
| Iron | 54-2 | 14906838 | 14780235 | 14713800 | 14800291 | 0.66 | cps |
| Krypton | 83-1 | 310 | 287 | 240 | 279 | 12.78 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:26:35 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 374446 | 369221 | 365594 | 369753 | 1.20 | cps |
| Lead | 207-1 | 312030 | 313000 | 306985 | 310672 | 1.04 | cps |
| Lead | 208-1 | 1446654 | 1441053 | 1429459 | 1439055 | 0.61 | cps |
| Lithium | 6-1 | 1981394 | 1933320 | 1998300 | 1971005 | 1.71 | cps |
| Magnesium | 24-2 | 6579542 | 6544381 | 6506031 | 6543318 | 0.56 | cps |
| Manganese | 55-2 | 6673001 | 6636244 | 6570652 | 6626632 | 0.78 | cps |
| Molybdenum | 94-1 | 371450 | 372665 | 368636 | 370917 | 0.56 | cps |
| Molybdenum | 95-1 | 3500 | 3550 | 3664 | 3572 | 2.34 | cps |
| Molybdenum | 96-1 | 68791 | 68660 | 67746 | 68399 | 0.83 | cps |
| Molybdenum | 97-1 | 2210 | 2287 | 2194 | 2230 | 2.23 | cps |
| Molybdenum | 98-1 | 5428 | 5494 | 5181 | 5368 | 3.08 | cps |
| Neodymium | 150-1 | 88700 | 88083 | 88968 | 88584 | 0.51 | cps |
| Neodymium | 150-2 | 53274 | 52912 | 53163 | 53116 | 0.35 | cps |
| Nickel | 60-2 | 81181 | 80873 | 80960 | 81005 | 0.20 | cps |
| Phosphorus | 31-2 | 25588 | 24503 | 24673 | 24921 | 2.34 | cps |
| Potassium | 39-2 | 1656862 | 1651787 | 1648679 | 1652443 | 0.25 | cps |
| Rhodium | 103-1 | 11834014 | 11824382 | 11772940 | 11810446 | 0.28 | cps |
| Rhodium | 103-2 | 7118515 | 6951189 | 7032053 | 7033919 | 1.19 | cps |
| Scandium | 45-1 | 7187612 | 7221134 | 7212894 | 7207213 | 0.24 | cps |
| Scandium | 45-2 | 632498 | 632255 | 627632 | 630795 | 0.43 | cps |
| Selenium | 82-1 | 212 | 270 | 273 | 251 | 13.71 | cps |
| Selenium | 77-2 | 97 | 163 | 100 | 120 | 31.31 | cps |
| Selenium | 78-2 | 467 | 513 | 530 | 503 | 6.52 | cps |
| Silicon | 28-1 | 19106382 | 19102423 | 18888991 | 19032598 | 0.65 | cps |
| Silver | 107-1 | 2260 | 2357 | 2194 | 2270 | 3.62 | cps |
| Silver | 109-1 | 1657 | 1680 | 1640 | 1659 | 1.21 | cps |
| Sodium | 23-2 | 319209 | 314636 | 316802 | 316883 | 0.72 | cps |
| Strontium | 86-1 | 561708 | 558197 | 555484 | 558463 | 0.56 | cps |
| Strontium | 88-1 | 5023374 | 4974626 | 4924603 | 4974201 | 0.99 | cps |
| Sulfur | 34-1 | 160607 | 158847 | 159721 | 159725 | 0.55 | cps |
| Terbium | 159-1 | 16555681 | 16567041 | 16589967 | 16570896 | 0.11 | cps |
| Terbium | 159-2 | 11372403 | 11375162 | 11417712 | 11388426 | 0.22 | cps |
| Thallium | 203-1 | 3334 | 3347 | 3434 | 3372 | 1.61 | cps |
| Thallium | 205-1 | 8129 | 7759 | 7956 | 7948 | 2.33 | cps |
| Tin | 118-1 | 15352 | 14804 | 14607 | 14921 | 2.58 | cps |
| Titanium | 47-1 | 1382592 | 1392753 | 1408448 | 1394598 | 0.93 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:26:35 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43568 | 44223 | 43193 | 43661 | 1.19 | cps |
| Vanadium | 51-2 | 697529 | 692036 | 694512 | 694692 | 0.40 | cps |
| Yttrium | 89-1 | 20568657 | 20470503 | 20110636 | 20383265 | 1.18 | cps |
| Yttrium | 89-2 | 5624810 | 5528937 | 5558754 | 5570833 | 0.88 | cps |
| Zinc | 66-2 | 143471 | 144464 | 144598 | 144178 | 0.43 | cps |
| Zirconium | 90-1 | 1011227 | 1018715 | 1002083 | 1010675 | 0.82 | cps |
| Zirconium | 91-1 | 224880 | 223446 | 221513 | 223280 | 0.76 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6451677 | 6506299 | 6470157 | 6476044 | 0.43 | cps |
| Antimony | 121-1 | 1717 | 1867 | 1900 | 1828 | 5.34 | cps |
| Arsenic | 75-2 | 4284 | 4517 | 4161 | 4321 | 4.19 | cps |
| Barium | 135-1 | 627920 | 642980 | 642339 | 637746 | 1.34 | cps |
| Barium | 137-1 | 1094412 | 1110887 | 1120485 | 1108595 | 1.19 | cps |
| Beryllium | 9-1 | 1237 | 1247 | 1300 | 1261 | 2.70 | cps |
| Bismuth | 209-1 | 10127639 | 9620493 | 9162358 | 9636830 | 5.01 | cps |
| Bismuth | 209-2 | 8225235 | 8168023 | 8157575 | 8183611 | 0.45 | cps |
| Bromine | 81-1 | 15054 | 15435 | 15565 | 15351 | 1.73 | cps |
| Bromine | 81-2 | 483 | 477 | 463 | 474 | 2.15 | cps |
| Cadmium | 108-1 | 877 | 893 | 943 | 904 | 3.84 | cps |
| Cadmium | 106-1 | 7329 | 6962 | 6722 | 7004 | 4.36 | cps |
| Cadmium | 111-1 | 2851 | 2794 | 2784 | 2810 | 1.29 | cps |
| Calcium | 43-1 | 343676 | 354845 | 351722 | 350081 | 1.65 | cps |
| Calcium | 44-1 | 5443508 | 5553814 | 5551423 | 5516249 | 1.14 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 153741 | 154380 | 152434 | 153518 | 0.65 | cps |
| Cobalt | 59-2 | 191173 | 191707 | 189801 | 190894 | 0.52 | cps |
| Copper | 63-2 | 262470 | 261734 | 262202 | 262136 | 0.14 | cps |
| Dysprosium | 156-1 | 75860 | 76265 | 77153 | 76426 | 0.87 | cps |
| Dysprosium | 156-2 | 64366 | 65294 | 65355 | 65005 | 0.85 | cps |
| Erbium | 164-1 | 74648 | 75888 | 75650 | 75395 | 0.87 | cps |
| Erbium | 164-2 | 54773 | 54325 | 54355 | 54485 | 0.46 | cps |
| Gadolinium | 160-1 | 75207 | 77345 | 77637 | 76730 | 1.73 | cps |
| Gadolinium | 160-2 | 59298 | 58458 | 58853 | 58870 | 0.71 | cps |
| Holmium | 165-1 | 16877369 | 16075961 | 15518540 | 16157290 | 4.23 | cps |
| Holmium | 165-2 | 11600541 | 11508619 | 11615562 | 11574907 | 0.50 | cps |
| Indium | 115-1 | 13595213 | 12911280 | 12197811 | 12901434 | 5.42 | cps |
| Indium | 115-2 | 4883098 | 4932128 | 4879347 | 4898191 | 0.60 | cps |
| Iron | 56-2 | 267591016 | 264978303 | 267256076 | 266608465 | 0.53 | cps |
| Iron | 57-2 | 6557999 | 6584450 | 6612404 | 6584951 | 0.41 | cps |
| Iron | 54-2 | 14554323 | 14366761 | 14378141 | 14433075 | 0.73 | cps |
| Krypton | 83-1 | 293 | 247 | 327 | 289 | 13.91 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 367682 | 374186 | 370576 | 370815 | 0.88 | cps |
| Lead | 207-1 | 312851 | 318510 | 317560 | 316307 | 0.96 | cps |
| Lead | 208-1 | 1438697 | 1466517 | 1466438 | 1457217 | 1.10 | cps |
| Lithium | 6-1 | 2088834 | 1980536 | 1918095 | 1995822 | 4.33 | cps |
| Magnesium | 24-2 | 5136843 | 5087732 | 5171600 | 5132058 | 0.82 | cps |
| Manganese | 55-2 | 2932752 | 2936374 | 2965331 | 2944819 | 0.61 | cps |
| Molybdenum | 94-1 | 336357 | 341124 | 344469 | 340650 | 1.20 | cps |
| Molybdenum | 95-1 | 4934 | 5091 | 4931 | 4985 | 1.83 | cps |
| Molybdenum | 96-1 | 63708 | 65519 | 65101 | 64776 | 1.46 | cps |
| Molybdenum | 97-1 | 3000 | 3064 | 3074 | 3046 | 1.31 | cps |
| Molybdenum | 98-1 | 7369 | 7722 | 8042 | 7711 | 4.37 | cps |
| Neodymium | 150-1 | 114476 | 116641 | 117407 | 116175 | 1.31 | cps |
| Neodymium | 150-2 | 74271 | 72227 | 72988 | 73162 | 1.41 | cps |
| Nickel | 60-2 | 72899 | 72651 | 72500 | 72684 | 0.28 | cps |
| Phosphorus | 31-2 | 24717 | 24409 | 24156 | 24427 | 1.15 | cps |
| Potassium | 39-2 | 993435 | 997008 | 998883 | 996442 | 0.28 | cps |
| Rhodium | 103-1 | 12368295 | 11890404 | 11278856 | 11845851 | 4.61 | cps |
| Rhodium | 103-2 | 7198099 | 7073740 | 7123779 | 7131873 | 0.88 | cps |
| Scandium | 45-1 | 7375414 | 7166101 | 6764221 | 7101912 | 4.37 | cps |
| Scandium | 45-2 | 628178 | 625833 | 628291 | 627434 | 0.22 | cps |
| Selenium | 82-1 | 253 | 323 | 174 | 250 | 29.88 | cps |
| Selenium | 77-2 | 187 | 160 | 177 | 174 | 7.72 | cps |
| Selenium | 78-2 | 497 | 653 | 520 | 557 | 15.18 | cps |
| Silicon | 28-1 | 15417218 | 15638982 | 15778222 | 15611474 | 1.17 | cps |
| Silver | 107-1 | 1660 | 1500 | 1593 | 1585 | 5.07 | cps |
| Silver | 109-1 | 1063 | 1073 | 1123 | 1087 | 2.96 | cps |
| Sodium | 23-2 | 510603 | 511617 | 507698 | 509973 | 0.40 | cps |
| Strontium | 86-1 | 352744 | 360034 | 363964 | 358914 | 1.59 | cps |
| Strontium | 88-1 | 3180087 | 3297680 | 3236854 | 3238207 | 1.82 | cps |
| Sulfur | 34-1 | 158963 | 161038 | 161581 | 160527 | 0.86 | cps |
| Terbium | 159-1 | 17192052 | 16474695 | 15790593 | 16485780 | 4.25 | cps |
| Terbium | 159-2 | 11467583 | 11403779 | 11416303 | 11429222 | 0.30 | cps |
| Thallium | 203-1 | 2594 | 2804 | 2544 | 2647 | 5.21 | cps |
| Thallium | 205-1 | 6278 | 6262 | 6478 | 6339 | 1.90 | cps |
| Tin | 118-1 | 13700 | 14017 | 13960 | 13892 | 1.22 | cps |
| Titanium | 47-1 | 5738040 | 5858100 | 5876461 | 5824200 | 1.29 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 51192 | 51315 | 52035 | 51514 | 0.88 | cps |
| Vanadium | 51-2 | 711053 | 708937 | 706180 | 708723 | 0.34 | cps |
| Yttrium | 89-1 | 21306534 | 20539004 | 19761528 | 20535689 | 3.76 | cps |
| Yttrium | 89-2 | 5705570 | 5636351 | 5700679 | 5680867 | 0.68 | cps |
| Zinc | 66-2 | 246038 | 245793 | 245899 | 245910 | 0.05 | cps |
| Zirconium | 90-1 | 902725 | 932322 | 928121 | 921056 | 1.74 | cps |
| Zirconium | 91-1 | 199729 | 206601 | 207060 | 204463 | 2.01 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5725879 | 5681334 | 5700985 | 5702733 | 0.39 | cps |
| Antimony | 121-1 | 1710 | 1660 | 1540 | 1637 | 5.34 | cps |
| Arsenic | 75-2 | 6898 | 6898 | 6592 | 6796 | 2.61 | cps |
| Barium | 135-1 | 456091 | 460114 | 456643 | 457616 | 0.48 | cps |
| Barium | 137-1 | 792669 | 798780 | 797298 | 796249 | 0.40 | cps |
| Beryllium | 9-1 | 1163 | 1220 | 1153 | 1179 | 3.05 | cps |
| Bismuth | 209-1 | 9670171 | 9573811 | 9625633 | 9623205 | 0.50 | cps |
| Bismuth | 209-2 | 8199512 | 8273831 | 8218554 | 8230632 | 0.47 | cps |
| Bromine | 81-1 | 15014 | 15205 | 15074 | 15098 | 0.64 | cps |
| Bromine | 81-2 | 380 | 430 | 410 | 407 | 6.19 | cps |
| Cadmium | 108-1 | 763 | 830 | 690 | 761 | 9.20 | cps |
| Cadmium | 106-1 | 6965 | 6938 | 6735 | 6879 | 1.83 | cps |
| Cadmium | 111-1 | 1904 | 2019 | 2031 | 1985 | 3.53 | cps |
| Calcium | 43-1 | 441267 | 444998 | 442137 | 442801 | 0.44 | cps |
| Calcium | 44-1 | 6966805 | 7060510 | 7000872 | 7009396 | 0.68 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 132785 | 132853 | 133619 | 133086 | 0.35 | cps |
| Cobalt | 59-2 | 194209 | 194786 | 192197 | 193731 | 0.70 | cps |
| Copper | 63-2 | 347993 | 347601 | 346707 | 347433 | 0.19 | cps |
| Dysprosium | 156-1 | 102850 | 103709 | 102832 | 103130 | 0.49 | cps |
| Dysprosium | 156-2 | 85994 | 87131 | 87004 | 86710 | 0.72 | cps |
| Erbium | 164-1 | 103059 | 103348 | 103106 | 103171 | 0.15 | cps |
| Erbium | 164-2 | 75858 | 75516 | 76042 | 75805 | 0.35 | cps |
| Gadolinium | 160-1 | 106323 | 108227 | 107105 | 107218 | 0.89 | cps |
| Gadolinium | 160-2 | 81096 | 81609 | 80577 | 81094 | 0.64 | cps |
| Holmium | 165-1 | 16207763 | 15896101 | 16100304 | 16068056 | 0.99 | cps |
| Holmium | 165-2 | 11656014 | 11662152 | 11867080 | 11728415 | 1.02 | cps |
| Indium | 115-1 | 12816447 | 12891857 | 12949265 | 12885856 | 0.52 | cps |
| Indium | 115-2 | 4921103 | 4892665 | 4919925 | 4911231 | 0.33 | cps |
| Iron | 56-2 | 257485870 | 256587710 | 259583756 | 257885778 | 0.60 | cps |
| Iron | 57-2 | 6346191 | 6329707 | 6390766 | 6355554 | 0.50 | cps |
| Iron | 54-2 | 13981462 | 14072207 | 13946137 | 13999935 | 0.46 | cps |
| Krypton | 83-1 | 287 | 343 | 390 | 340 | 15.22 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 387289 | 391948 | 386689 | 388642 | 0.74 | cps |
| Lead | 207-1 | 328596 | 330148 | 330472 | 329739 | 0.30 | cps |
| Lead | 208-1 | 1527985 | 1536510 | 1516701 | 1527065 | 0.65 | cps |
| Lithium | 6-1 | 2004868 | 2007632 | 1995557 | 2002686 | 0.32 | cps |
| Magnesium | 24-2 | 6016665 | 5932405 | 5888617 | 5945896 | 1.09 | cps |
| Manganese | 55-2 | 3388983 | 3371587 | 3365752 | 3375441 | 0.36 | cps |
| Molybdenum | 94-1 | 316132 | 321198 | 315900 | 317743 | 0.94 | cps |
| Molybdenum | 95-1 | 5584 | 5568 | 5294 | 5482 | 2.97 | cps |
| Molybdenum | 96-1 | 61264 | 61565 | 62027 | 61619 | 0.62 | cps |
| Molybdenum | 97-1 | 3404 | 3320 | 3220 | 3315 | 2.77 | cps |
| Molybdenum | 98-1 | 8683 | 8302 | 8499 | 8495 | 2.24 | cps |
| Neodymium | 150-1 | 149641 | 152339 | 151894 | 151292 | 0.96 | cps |
| Neodymium | 150-2 | 95115 | 94343 | 93913 | 94457 | 0.64 | cps |
| Nickel | 60-2 | 92674 | 92637 | 92734 | 92682 | 0.05 | cps |
| Phosphorus | 31-2 | 37987 | 37756 | 37790 | 37844 | 0.33 | cps |
| Potassium | 39-2 | 713662 | 710099 | 716607 | 713456 | 0.46 | cps |
| Rhodium | 103-1 | 11785029 | 12037677 | 11759711 | 11860806 | 1.30 | cps |
| Rhodium | 103-2 | 7160132 | 7102497 | 7227312 | 7163313 | 0.87 | cps |
| Scandium | 45-1 | 7224063 | 7251460 | 7122938 | 7199487 | 0.94 | cps |
| Scandium | 45-2 | 635603 | 636875 | 644388 | 638955 | 0.74 | cps |
| Selenium | 82-1 | 338 | 209 | 149 | 232 | 41.83 | cps |
| Selenium | 77-2 | 223 | 223 | 287 | 244 | 14.96 | cps |
| Selenium | 78-2 | 670 | 703 | 600 | 658 | 8.02 | cps |
| Silicon | 28-1 | 15051428 | 15073985 | 14988981 | 15038131 | 0.29 | cps |
| Silver | 107-1 | 1560 | 1530 | 1520 | 1537 | 1.35 | cps |
| Silver | 109-1 | 930 | 953 | 990 | 958 | 3.16 | cps |
| Sodium | 23-2 | 565530 | 562250 | 560367 | 562716 | 0.46 | cps |
| Strontium | 86-1 | 320216 | 322354 | 317870 | 320147 | 0.70 | cps |
| Strontium | 88-1 | 2865791 | 2926751 | 2890165 | 2894235 | 1.06 | cps |
| Sulfur | 34-1 | 154943 | 157576 | 158930 | 157150 | 1.29 | cps |
| Terbium | 159-1 | 16550179 | 16300801 | 16461439 | 16437473 | 0.77 | cps |
| Terbium | 159-2 | 11496424 | 11434873 | 11744694 | 11558664 | 1.42 | cps |
| Thallium | 203-1 | 2440 | 2434 | 2314 | 2396 | 2.98 | cps |
| Thallium | 205-1 | 5548 | 5855 | 5561 | 5655 | 3.07 | cps |
| Tin | 118-1 | 20034 | 20916 | 21786 | 20912 | 4.19 | cps |
| Titanium | 47-1 | 4759159 | 4762502 | 4739848 | 4753836 | 0.26 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39786 | 39137 | 39438 | 39454 | 0.82 | cps |
| Vanadium | 51-2 | 617599 | 618119 | 616344 | 617354 | 0.15 | cps |
| Yttrium | 89-1 | 20991254 | 21248010 | 20938827 | 21059363 | 0.79 | cps |
| Yttrium | 89-2 | 5916110 | 5805142 | 5886554 | 5869269 | 0.98 | cps |
| Zinc | 66-2 | 119446 | 117914 | 120427 | 119262 | 1.06 | cps |
| Zirconium | 90-1 | 855683 | 863293 | 859970 | 859648 | 0.44 | cps |
| Zirconium | 91-1 | 190135 | 191275 | 189537 | 190316 | 0.46 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5756192 | 5786465 | 5718334 | 5753664 | 0.59 | cps |
| Antimony | 121-1 | 1590 | 1520 | 1600 | 1570 | 2.78 | cps |
| Arsenic | 75-2 | 6241 | 6612 | 6498 | 6450 | 2.94 | cps |
| Barium | 135-1 | 458963 | 463640 | 460110 | 460905 | 0.53 | cps |
| Barium | 137-1 | 791309 | 800608 | 792936 | 794951 | 0.62 | cps |
| Beryllium | 9-1 | 1120 | 1017 | 1193 | 1110 | 8.00 | cps |
| Bismuth | 209-1 | 10246850 | 9707840 | 9675853 | 9876848 | 3.25 | cps |
| Bismuth | 209-2 | 8283488 | 8196806 | 8245132 | 8241809 | 0.53 | cps |
| Bromine | 81-1 | 15018 | 14707 | 15121 | 14949 | 1.44 | cps |
| Bromine | 81-2 | 380 | 360 | 347 | 362 | 4.63 | cps |
| Cadmium | 108-1 | 860 | 750 | 813 | 808 | 6.83 | cps |
| Cadmium | 106-1 | 7395 | 6955 | 6952 | 7101 | 3.59 | cps |
| Cadmium | 111-1 | 1873 | 2039 | 1947 | 1953 | 4.28 | cps |
| Calcium | 43-1 | 443944 | 445639 | 444319 | 444634 | 0.20 | cps |
| Calcium | 44-1 | 6981502 | 7025389 | 6956188 | 6987693 | 0.50 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 136222 | 134315 | 132681 | 134406 | 1.32 | cps |
| Cobalt | 59-2 | 194681 | 194989 | 193369 | 194346 | 0.44 | cps |
| Copper | 63-2 | 349343 | 348894 | 350224 | 349487 | 0.19 | cps |
| Dysprosium | 156-1 | 102114 | 102289 | 103921 | 102775 | 0.97 | cps |
| Dysprosium | 156-2 | 86159 | 85401 | 84881 | 85480 | 0.75 | cps |
| Erbium | 164-1 | 102459 | 102385 | 102042 | 102295 | 0.22 | cps |
| Erbium | 164-2 | 74464 | 74229 | 74530 | 74408 | 0.21 | cps |
| Gadolinium | 160-1 | 105661 | 107380 | 105718 | 106253 | 0.92 | cps |
| Gadolinium | 160-2 | 80637 | 80017 | 80506 | 80386 | 0.41 | cps |
| Holmium | 165-1 | 17278398 | 15985602 | 16067669 | 16443890 | 4.40 | cps |
| Holmium | 165-2 | 11643890 | 11642956 | 11586453 | 11624433 | 0.28 | cps |
| Indium | 115-1 | 13842476 | 12960163 | 12901770 | 13234803 | 3.98 | cps |
| Indium | 115-2 | 4995936 | 4972622 | 4896908 | 4955155 | 1.04 | cps |
| Iron | 56-2 | 259243643 | 260218469 | 256499050 | 258653721 | 0.75 | cps |
| Iron | 57-2 | 6388374 | 6426985 | 6331823 | 6382394 | 0.75 | cps |
| Iron | 54-2 | 14218313 | 14061208 | 14065453 | 14114991 | 0.63 | cps |
| Krypton | 83-1 | 347 | 353 | 323 | 341 | 4.62 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 383081 | 389766 | 392324 | 388390 | 1.23 | cps |
| Lead | 207-1 | 325282 | 333537 | 328614 | 329144 | 1.26 | cps |
| Lead | 208-1 | 1506677 | 1530518 | 1523154 | 1520117 | 0.80 | cps |
| Lithium | 6-1 | 2081580 | 1976679 | 2003143 | 2020468 | 2.70 | cps |
| Magnesium | 24-2 | 5996260 | 6016144 | 5993488 | 6001964 | 0.21 | cps |
| Manganese | 55-2 | 3451928 | 3447904 | 3366325 | 3422052 | 1.41 | cps |
| Molybdenum | 94-1 | 317065 | 321873 | 321266 | 320068 | 0.82 | cps |
| Molybdenum | 95-1 | 5498 | 5431 | 5444 | 5458 | 0.65 | cps |
| Molybdenum | 96-1 | 60638 | 63166 | 62593 | 62132 | 2.13 | cps |
| Molybdenum | 97-1 | 3447 | 3644 | 3584 | 3558 | 2.83 | cps |
| Molybdenum | 98-1 | 8886 | 8849 | 8846 | 8861 | 0.25 | cps |
| Neodymium | 150-1 | 151349 | 152845 | 151446 | 151880 | 0.55 | cps |
| Neodymium | 150-2 | 94299 | 94675 | 94111 | 94362 | 0.30 | cps |
| Nickel | 60-2 | 93093 | 93526 | 93006 | 93208 | 0.30 | cps |
| Phosphorus | 31-2 | 37680 | 37683 | 37195 | 37519 | 0.75 | cps |
| Potassium | 39-2 | 724069 | 721652 | 712934 | 719552 | 0.81 | cps |
| Rhodium | 103-1 | 12765374 | 11860209 | 11876824 | 12167469 | 4.26 | cps |
| Rhodium | 103-2 | 7321651 | 7135885 | 7148289 | 7201942 | 1.44 | cps |
| Scandium | 45-1 | 7714707 | 7275032 | 7232275 | 7407338 | 3.61 | cps |
| Scandium | 45-2 | 647958 | 646337 | 644047 | 646114 | 0.30 | cps |
| Selenium | 82-1 | 262 | 298 | 293 | 284 | 6.77 | cps |
| Selenium | 77-2 | 233 | 283 | 237 | 251 | 11.13 | cps |
| Selenium | 78-2 | 597 | 737 | 720 | 684 | 11.17 | cps |
| Silicon | 28-1 | 15284698 | 15242035 | 15041935 | 15189556 | 0.85 | cps |
| Silver | 107-1 | 1513 | 1590 | 1590 | 1565 | 2.83 | cps |
| Silver | 109-1 | 930 | 973 | 930 | 944 | 2.65 | cps |
| Sodium | 23-2 | 574031 | 564589 | 566477 | 568366 | 0.88 | cps |
| Strontium | 86-1 | 318626 | 322306 | 321635 | 320855 | 0.61 | cps |
| Strontium | 88-1 | 2890148 | 2883321 | 2853914 | 2875794 | 0.67 | cps |
| Sulfur | 34-1 | 159947 | 160119 | 159708 | 159924 | 0.13 | cps |
| Terbium | 159-1 | 17529925 | 16588653 | 16536397 | 16884992 | 3.31 | cps |
| Terbium | 159-2 | 11448243 | 11503297 | 11433616 | 11461718 | 0.32 | cps |
| Thallium | 203-1 | 2470 | 2460 | 2247 | 2392 | 5.27 | cps |
| Thallium | 205-1 | 5675 | 5861 | 5828 | 5788 | 1.72 | cps |
| Tin | 118-1 | 20591 | 22065 | 22268 | 21641 | 4.23 | cps |
| Titanium | 47-1 | 4727748 | 4811113 | 4744155 | 4761005 | 0.93 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39104 | 39987 | 39271 | 39454 | 1.19 | cps |
| Vanadium | 51-2 | 621285 | 616512 | 612850 | 616882 | 0.69 | cps |
| Yttrium | 89-1 | 22467595 | 21002029 | 21130163 | 21533262 | 3.77 | cps |
| Yttrium | 89-2 | 5978318 | 5884484 | 5839588 | 5900797 | 1.20 | cps |
| Zinc | 66-2 | 119880 | 119937 | 117901 | 119239 | 0.97 | cps |
| Zirconium | 90-1 | 851024 | 861922 | 862377 | 858441 | 0.75 | cps |
| Zirconium | 91-1 | 188941 | 192272 | 193320 | 191511 | 1.19 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 17:39:29 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1099245 | 1093720 | 1100002 | 1097656 | 0.31 | cps |
| Antimony | 121-1 | 410 | 400 | 290 | 367 | 18.16 | cps |
| Arsenic | 75-2 | 1373 | 1290 | 1303 | 1322 | 3.39 | cps |
| Barium | 135-1 | 90841 | 90676 | 90713 | 90743 | 0.10 | cps |
| Barium | 137-1 | 157057 | 158375 | 157913 | 157782 | 0.42 | cps |
| Beryllium | 9-1 | 297 | 277 | 350 | 308 | 12.32 | cps |
| Bismuth | 209-1 | 9571959 | 9627007 | 9625175 | 9608047 | 0.33 | cps |
| Bismuth | 209-2 | 8207254 | 8363490 | 8348359 | 8306368 | 1.04 | cps |
| Bromine | 81-1 | 14918 | 15028 | 14757 | 14901 | 0.91 | cps |
| Bromine | 81-2 | 147 | 247 | 163 | 186 | 28.87 | cps |
| Cadmium | 108-1 | 177 | 193 | 147 | 172 | 13.73 | cps |
| Cadmium | 106-1 | 5151 | 5261 | 4724 | 5045 | 5.62 | cps |
| Cadmium | 111-1 | 1152 | 1126 | 1101 | 1127 | 2.27 | cps |
| Calcium | 43-1 | 89552 | 90109 | 88707 | 89456 | 0.79 | cps |
| Calcium | 44-1 | 1413679 | 1410912 | 1395773 | 1406788 | 0.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 27949 | 27609 | 27996 | 27851 | 0.76 | cps |
| Cobalt | 59-2 | 39395 | 39846 | 39716 | 39652 | 0.59 | cps |
| Copper | 63-2 | 71282 | 72082 | 70917 | 71427 | 0.83 | cps |
| Dysprosium | 156-1 | 19504 | 19931 | 19697 | 19711 | 1.09 | cps |
| Dysprosium | 156-2 | 16967 | 17227 | 17404 | 17200 | 1.28 | cps |
| Erbium | 164-1 | 19984 | 20248 | 20175 | 20136 | 0.68 | cps |
| Erbium | 164-2 | 14818 | 14831 | 14908 | 14852 | 0.33 | cps |
| Gadolinium | 160-1 | 20295 | 21136 | 20762 | 20731 | 2.03 | cps |
| Gadolinium | 160-2 | 16343 | 16707 | 16553 | 16534 | 1.10 | cps |
| Holmium | 165-1 | 15589359 | 15723906 | 15847472 | 15720246 | 0.82 | cps |
| Holmium | 165-2 | 11478023 | 11638571 | 11529779 | 11548791 | 0.71 | cps |
| Indium | 115-1 | 12955491 | 13064310 | 12996068 | 13005290 | 0.42 | cps |
| Indium | 115-2 | 4965837 | 4952047 | 4903162 | 4940349 | 0.67 | cps |
| Iron | 56-2 | 51604568 | 51702549 | 52327209 | 51878109 | 0.76 | cps |
| Iron | 57-2 | 1294868 | 1289012 | 1294512 | 1292797 | 0.25 | cps |
| Iron | 54-2 | 2833041 | 2858340 | 2852590 | 2847990 | 0.47 | cps |
| Krypton | 83-1 | 200 | 243 | 187 | 210 | 14.11 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 17:39:29 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 77007 | 77949 | 76701 | 77219 | 0.84 | cps |
| Lead | 207-1 | 64830 | 65001 | 65584 | 65138 | 0.61 | cps |
| Lead | 208-1 | 300276 | 300995 | 302848 | 301373 | 0.44 | cps |
| Lithium | 6-1 | 1975629 | 1984233 | 1988143 | 1982669 | 0.32 | cps |
| Magnesium | 24-2 | 1197763 | 1197043 | 1228937 | 1207915 | 1.51 | cps |
| Manganese | 55-2 | 663491 | 661380 | 667729 | 664200 | 0.49 | cps |
| Molybdenum | 94-1 | 62687 | 63162 | 63667 | 63172 | 0.78 | cps |
| Molybdenum | 95-1 | 1273 | 1273 | 1263 | 1270 | 0.45 | cps |
| Molybdenum | 96-1 | 12068 | 12545 | 12249 | 12287 | 1.96 | cps |
| Molybdenum | 97-1 | 730 | 673 | 827 | 743 | 10.43 | cps |
| Molybdenum | 98-1 | 1847 | 1853 | 1850 | 1850 | 0.18 | cps |
| Neodymium | 150-1 | 29384 | 29691 | 29437 | 29504 | 0.56 | cps |
| Neodymium | 150-2 | 18432 | 18215 | 18696 | 18448 | 1.30 | cps |
| Nickel | 60-2 | 19830 | 19316 | 18875 | 19340 | 2.47 | cps |
| Phosphorus | 31-2 | 7935 | 7712 | 7439 | 7695 | 3.23 | cps |
| Potassium | 39-2 | 192261 | 189760 | 191171 | 191064 | 0.66 | cps |
| Rhodium | 103-1 | 11990674 | 12047888 | 11891598 | 11976720 | 0.66 | cps |
| Rhodium | 103-2 | 7339231 | 7300931 | 7205994 | 7282052 | 0.94 | cps |
| Scandium | 45-1 | 7098974 | 7063042 | 7029002 | 7063673 | 0.50 | cps |
| Scandium | 45-2 | 627126 | 635063 | 629896 | 630695 | 0.64 | cps |
| Selenium | 82-1 | 225 | 180 | 203 | 203 | 11.30 | cps |
| Selenium | 77-2 | 37 | 47 | 43 | 42 | 12.06 | cps |
| Selenium | 78-2 | 577 | 507 | 467 | 517 | 10.78 | cps |
| Silicon | 28-1 | 3683885 | 3673233 | 3753824 | 3703647 | 1.18 | cps |
| Silver | 107-1 | 467 | 417 | 437 | 440 | 5.72 | cps |
| Silver | 109-1 | 247 | 273 | 207 | 242 | 13.85 | cps |
| Sodium | 23-2 | 131243 | 132578 | 131264 | 131695 | 0.58 | cps |
| Strontium | 86-1 | 63536 | 64236 | 64108 | 63960 | 0.58 | cps |
| Strontium | 88-1 | 555663 | 557734 | 557270 | 556889 | 0.20 | cps |
| Sulfur | 34-1 | 152741 | 153929 | 153596 | 153422 | 0.40 | cps |
| Terbium | 159-1 | 16330563 | 16134137 | 16299844 | 16254848 | 0.65 | cps |
| Terbium | 159-2 | 11542860 | 11402746 | 11310382 | 11418663 | 1.03 | cps |
| Thallium | 203-1 | 827 | 990 | 863 | 893 | 9.59 | cps |
| Thallium | 205-1 | 1927 | 2040 | 1937 | 1968 | 3.19 | cps |
| Tin | 118-1 | 5488 | 5495 | 5681 | 5555 | 1.98 | cps |
| Titanium | 47-1 | 915192 | 922569 | 923153 | 920305 | 0.48 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 17:39:29 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7819 | 7889 | 7816 | 7841 | 0.53 | cps |
| Vanadium | 51-2 | 122582 | 123611 | 124505 | 123566 | 0.78 | cps |
| Yttrium | 89-1 | 19879783 | 19870557 | 19913137 | 19887826 | 0.11 | cps |
| Yttrium | 89-2 | 5649947 | 5638943 | 5592108 | 5626999 | 0.55 | cps |
| Zinc | 66-2 | 24821 | 24353 | 24527 | 24567 | 0.96 | cps |
| Zirconium | 90-1 | 168842 | 170596 | 170666 | 170034 | 0.61 | cps |
| Zirconium | 91-1 | 38033 | 37060 | 37976 | 37689 | 1.45 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:42:46 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5748975 | 5800342 | 5777477 | 5775598 | 0.45 | cps |
| Antimony | 121-1 | 1740 | 1640 | 1543 | 1641 | 5.99 | cps |
| Arsenic | 75-2 | 149164 | 149837 | 147467 | 148823 | 0.82 | cps |
| Barium | 135-1 | 1822303 | 1821838 | 1844230 | 1829457 | 0.70 | cps |
| Barium | 137-1 | 3105792 | 3116607 | 3139675 | 3120691 | 0.55 | cps |
| Beryllium | 9-1 | 16786 | 16779 | 16836 | 16800 | 0.18 | cps |
| Bismuth | 209-1 | 9492166 | 9662366 | 9567297 | 9573943 | 0.89 | cps |
| Bismuth | 209-2 | 8256641 | 8123631 | 8334977 | 8238416 | 1.30 | cps |
| Bromine | 81-1 | 15034 | 14767 | 14888 | 14897 | 0.90 | cps |
| Bromine | 81-2 | 373 | 443 | 357 | 391 | 11.76 | cps |
| Cadmium | 108-1 | 22321 | 23052 | 23169 | 22847 | 2.01 | cps |
| Cadmium | 106-1 | 37131 | 36686 | 37131 | 36983 | 0.69 | cps |
| Cadmium | 111-1 | 323600 | 323374 | 323215 | 323396 | 0.06 | cps |
| Calcium | 43-1 | 444096 | 444449 | 445734 | 444760 | 0.19 | cps |
| Calcium | 44-1 | 6956242 | 6993753 | 6985541 | 6978512 | 0.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 338730 | 338909 | 339867 | 339168 | 0.18 | cps |
| Cobalt | 59-2 | 989775 | 990072 | 992983 | 990944 | 0.18 | cps |
| Copper | 63-2 | 620617 | 618193 | 618946 | 619252 | 0.20 | cps |
| Dysprosium | 156-1 | 101678 | 103118 | 102383 | 102393 | 0.70 | cps |
| Dysprosium | 156-2 | 85673 | 85457 | 85548 | 85559 | 0.13 | cps |
| Erbium | 164-1 | 100861 | 102798 | 101830 | 101830 | 0.95 | cps |
| Erbium | 164-2 | 73689 | 74232 | 73046 | 73656 | 0.81 | cps |
| Gadolinium | 160-1 | 103324 | 105893 | 104878 | 104698 | 1.24 | cps |
| Gadolinium | 160-2 | 79859 | 80379 | 80117 | 80118 | 0.32 | cps |
| Holmium | 165-1 | 15756179 | 16244116 | 16155054 | 16051783 | 1.62 | cps |
| Holmium | 165-2 | 11711792 | 11634682 | 11791151 | 11712542 | 0.67 | cps |
| Indium | 115-1 | 12554506 | 13264880 | 12944852 | 12921413 | 2.75 | cps |
| Indium | 115-2 | 4935890 | 4929746 | 4910003 | 4925213 | 0.27 | cps |
| Iron | 56-2 | 257107196 | 257616023 | 258357703 | 257693641 | 0.24 | cps |
| Iron | 57-2 | 6403678 | 6355161 | 6308331 | 6355723 | 0.75 | cps |
| Iron | 54-2 | 14061710 | 14011142 | 13932734 | 14001862 | 0.46 | cps |
| Krypton | 83-1 | 387 | 353 | 333 | 358 | 7.53 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:42:46 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2112261 | 2119318 | 2154438 | 2128672 | 1.06 | cps |
| Lead | 207-1 | 1652492 | 1673114 | 1676067 | 1667224 | 0.77 | cps |
| Lead | 208-1 | 8085810 | 8135317 | 8074063 | 8098397 | 0.40 | cps |
| Lithium | 6-1 | 1974515 | 2024325 | 1992193 | 1997011 | 1.26 | cps |
| Magnesium | 24-2 | 5909633 | 5929972 | 5949166 | 5929590 | 0.33 | cps |
| Manganese | 55-2 | 3790735 | 3806584 | 3795610 | 3797643 | 0.21 | cps |
| Molybdenum | 94-1 | 323208 | 327573 | 326108 | 325630 | 0.68 | cps |
| Molybdenum | 95-1 | 18245 | 18358 | 17677 | 18094 | 2.02 | cps |
| Molybdenum | 96-1 | 75149 | 75711 | 75131 | 75330 | 0.44 | cps |
| Molybdenum | 97-1 | 11485 | 11438 | 11221 | 11381 | 1.24 | cps |
| Molybdenum | 98-1 | 29062 | 29259 | 28865 | 29062 | 0.68 | cps |
| Neodymium | 150-1 | 149031 | 151143 | 150322 | 150165 | 0.71 | cps |
| Neodymium | 150-2 | 92846 | 93605 | 93192 | 93214 | 0.41 | cps |
| Nickel | 60-2 | 295557 | 295135 | 291463 | 294052 | 0.77 | cps |
| Phosphorus | 31-2 | 37529 | 37827 | 37847 | 37734 | 0.47 | cps |
| Potassium | 39-2 | 714810 | 719312 | 714943 | 716355 | 0.36 | cps |
| Rhodium | 103-1 | 11760027 | 12194775 | 11990235 | 11981679 | 1.82 | cps |
| Rhodium | 103-2 | 7208170 | 7136622 | 7218592 | 7187795 | 0.62 | cps |
| Scandium | 45-1 | 7119056 | 7403610 | 7414681 | 7312449 | 2.29 | cps |
| Scandium | 45-2 | 643905 | 644594 | 649612 | 646037 | 0.48 | cps |
| Selenium | 82-1 | 44448 | 45361 | 45337 | 45049 | 1.16 | cps |
| Selenium | 77-2 | 5391 | 5291 | 5131 | 5271 | 2.49 | cps |
| Selenium | 78-2 | 17230 | 17427 | 17307 | 17321 | 0.57 | cps |
| Silicon | 28-1 | 14856314 | 14923721 | 14768576 | 14849537 | 0.52 | cps |
| Silver | 107-1 | 158212 | 160566 | 162667 | 160482 | 1.39 | cps |
| Silver | 109-1 | 150034 | 152328 | 153129 | 151830 | 1.06 | cps |
| Sodium | 23-2 | 561710 | 565175 | 562146 | 563010 | 0.34 | cps |
| Strontium | 86-1 | 320740 | 319668 | 321389 | 320599 | 0.27 | cps |
| Strontium | 88-1 | 2870974 | 2857739 | 2863124 | 2863945 | 0.23 | cps |
| Sulfur | 34-1 | 161567 | 161280 | 160718 | 161189 | 0.27 | cps |
| Terbium | 159-1 | 16114083 | 16826933 | 16683683 | 16541566 | 2.28 | cps |
| Terbium | 159-2 | 11514150 | 11474887 | 11392944 | 11460661 | 0.54 | cps |
| Thallium | 203-1 | 2298792 | 2321549 | 2283983 | 2301441 | 0.82 | cps |
| Thallium | 205-1 | 5403079 | 5438745 | 5450542 | 5430789 | 0.46 | cps |
| Tin | 118-1 | 21056 | 20929 | 21206 | 21063 | 0.66 | cps |
| Titanium | 47-1 | 4781275 | 4738870 | 4862599 | 4794248 | 1.31 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:42:46 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39499 | 38813 | 38436 | 38916 | 1.38 | cps |
| Vanadium | 51-2 | 1065784 | 1067882 | 1060820 | 1064829 | 0.34 | cps |
| Yttrium | 89-1 | 20752592 | 21401641 | 21285571 | 21146601 | 1.64 | cps |
| Yttrium | 89-2 | 5849549 | 5899221 | 5903590 | 5884120 | 0.51 | cps |
| Zinc | 66-2 | 219123 | 220128 | 220165 | 219805 | 0.27 | cps |
| Zirconium | 90-1 | 855242 | 860202 | 869789 | 861744 | 0.86 | cps |
| Zirconium | 91-1 | 190256 | 192110 | 193224 | 191863 | 0.78 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:45:51 | DataFile Name : | 054CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 457 | 357 | 280 | 364 | 24.31 | cps |
| Antimony | 121-1 | 63 | 77 | 63 | 68 | 11.36 | cps |
| Arsenic | 75-2 | 17 | 10 | 23 | 17 | 39.99 | cps |
| Barium | 135-1 | 470 | 243 | 190 | 301 | 49.38 | cps |
| Barium | 137-1 | 887 | 523 | 323 | 578 | 49.43 | cps |
| Beryllium | 9-1 | 93 | 53 | 60 | 69 | 31.11 | cps |
| Bismuth | 209-1 | 9984307 | 9451291 | 9364817 | 9600138 | 3.49 | cps |
| Bismuth | 209-2 | 8177826 | 8253664 | 8154599 | 8195363 | 0.63 | cps |
| Bromine | 81-1 | 15188 | 14784 | 14567 | 14846 | 2.12 | cps |
| Bromine | 81-2 | 160 | 167 | 210 | 179 | 15.18 | cps |
| Cadmium | 108-1 | 17 | 20 | 10 | 16 | 32.73 | cps |
| Cadmium | 106-1 | 4981 | 4561 | 4567 | 4703 | 5.12 | cps |
| Cadmium | 111-1 | 1095 | 978 | 960 | 1011 | 7.22 | cps |
| Calcium | 43-1 | 367 | 280 | 267 | 304 | 17.83 | cps |
| Calcium | 44-1 | 9059 | 7929 | 7709 | 8232 | 8.80 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1623 | 1600 | 1847 | 1690 | 8.06 | cps |
| Cobalt | 59-2 | 133 | 140 | 167 | 147 | 12.03 | cps |
| Copper | 63-2 | 1287 | 1393 | 1277 | 1319 | 4.90 | cps |
| Dysprosium | 156-1 | 23 | 23 | 7 | 18 | 54.11 | cps |
| Dysprosium | 156-2 | 13 | 7 | 3 | 8 | 65.47 | cps |
| Erbium | 164-1 | 90 | 103 | 80 | 91 | 12.85 | cps |
| Erbium | 164-2 | 50 | 53 | 70 | 58 | 18.55 | cps |
| Gadolinium | 160-1 | 110 | 83 | 67 | 87 | 25.22 | cps |
| Gadolinium | 160-2 | 533 | 627 | 710 | 623 | 14.18 | cps |
| Holmium | 165-1 | 16245794 | 15750594 | 15738604 | 15911664 | 1.82 | cps |
| Holmium | 165-2 | 11572022 | 11515406 | 11343991 | 11477140 | 1.03 | cps |
| Indium | 115-1 | 13395278 | 12964109 | 13034933 | 13131440 | 1.76 | cps |
| Indium | 115-2 | 4985902 | 4952833 | 4997979 | 4978905 | 0.47 | cps |
| Iron | 56-2 | 32432 | 30140 | 28591 | 30387 | 6.36 | cps |
| Iron | 57-2 | 1340 | 1510 | 1397 | 1416 | 6.12 | cps |
| Iron | 54-2 | 3270 | 3004 | 3157 | 3144 | 4.26 | cps |
| Krypton | 83-1 | 173 | 217 | 167 | 186 | 14.63 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:45:51 | DataFile Name : | 054CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1360 | 1020 | 810 | 1063 | 26.10 | cps |
| Lead | 207-1 | 1107 | 770 | 703 | 860 | 25.14 | cps |
| Lead | 208-1 | 4967 | 3687 | 3260 | 3971 | 22.37 | cps |
| Lithium | 6-1 | 2062584 | 1956537 | 1969972 | 1996365 | 2.89 | cps |
| Magnesium | 24-2 | 970 | 977 | 917 | 954 | 3.45 | cps |
| Manganese | 55-2 | 823 | 823 | 793 | 813 | 2.13 | cps |
| Molybdenum | 94-1 | 730 | 653 | 630 | 671 | 7.80 | cps |
| Molybdenum | 95-1 | 163 | 163 | 187 | 171 | 7.87 | cps |
| Molybdenum | 96-1 | 293 | 307 | 273 | 291 | 5.76 | cps |
| Molybdenum | 97-1 | 77 | 93 | 90 | 87 | 10.17 | cps |
| Molybdenum | 98-1 | 260 | 247 | 220 | 242 | 8.41 | cps |
| Neodymium | 150-1 | 50 | 40 | 7 | 32 | 70.41 | cps |
| Neodymium | 150-2 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Nickel | 60-2 | 437 | 473 | 503 | 471 | 7.09 | cps |
| Phosphorus | 31-2 | 130 | 160 | 130 | 140 | 12.37 | cps |
| Potassium | 39-2 | 58077 | 58729 | 58743 | 58516 | 0.65 | cps |
| Rhodium | 103-1 | 12627276 | 12079645 | 12149842 | 12285588 | 2.43 | cps |
| Rhodium | 103-2 | 7422553 | 7304194 | 7295755 | 7340834 | 0.97 | cps |
| Scandium | 45-1 | 7385392 | 7086557 | 7063196 | 7178382 | 2.50 | cps |
| Scandium | 45-2 | 631539 | 633732 | 629307 | 631526 | 0.35 | cps |
| Selenium | 82-1 | 211 | 124 | 164 | 166 | 26.04 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 470 | 447 | 440 | 452 | 3.48 | cps |
| Silicon | 28-1 | 637411 | 636266 | 643131 | 638936 | 0.58 | cps |
| Silver | 107-1 | 383 | 337 | 273 | 331 | 16.67 | cps |
| Silver | 109-1 | 330 | 300 | 237 | 289 | 16.49 | cps |
| Sodium | 23-2 | 21548 | 21545 | 21559 | 21551 | 0.03 | cps |
| Strontium | 86-1 | 427 | 440 | 380 | 416 | 7.58 | cps |
| Strontium | 88-1 | 997 | 700 | 597 | 764 | 27.16 | cps |
| Sulfur | 34-1 | 150448 | 150977 | 150206 | 150544 | 0.26 | cps |
| Terbium | 159-1 | 17007474 | 16113201 | 15949690 | 16356788 | 3.48 | cps |
| Terbium | 159-2 | 11389339 | 11472428 | 11141295 | 11334354 | 1.52 | cps |
| Thallium | 203-1 | 1313 | 1093 | 850 | 1086 | 21.35 | cps |
| Thallium | 205-1 | 3107 | 2437 | 2024 | 2522 | 21.68 | cps |
| Tin | 118-1 | 1583 | 1483 | 1533 | 1533 | 3.26 | cps |
| Titanium | 47-1 | 1297 | 647 | 400 | 781 | 59.30 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:45:51 | DataFile Name : | 054CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17 | 13 | 27 | 19 | 36.75 | cps |
| Vanadium | 51-2 | 57 | 63 | 57 | 59 | 6.53 | cps |
| Yttrium | 89-1 | 20562218 | 19692734 | 19529975 | 19928309 | 2.78 | cps |
| Yttrium | 89-2 | 5587380 | 5552380 | 5488280 | 5542680 | 0.91 | cps |
| Zinc | 66-2 | 323 | 277 | 357 | 319 | 12.60 | cps |
| Zirconium | 90-1 | 1743 | 1550 | 1403 | 1566 | 10.89 | cps |
| Zirconium | 91-1 | 337 | 353 | 313 | 334 | 6.01 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:49:11 | DataFile Name : | 055LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11845 | 13077 | 11168 | 12030 | 8.05 | cps |
| Antimony | 121-1 | 49712 | 50010 | 49421 | 49714 | 0.59 | cps |
| Arsenic | 75-2 | 1427 | 1627 | 1490 | 1515 | 6.75 | cps |
| Barium | 135-1 | 61174 | 61974 | 62055 | 61734 | 0.79 | cps |
| Barium | 137-1 | 105981 | 106962 | 107469 | 106804 | 0.71 | cps |
| Beryllium | 9-1 | 3257 | 3097 | 3107 | 3154 | 2.84 | cps |
| Bismuth | 209-1 | 9554748 | 9562260 | 9500074 | 9539027 | 0.36 | cps |
| Bismuth | 209-2 | 8262572 | 8202238 | 8289919 | 8251576 | 0.54 | cps |
| Bromine | 81-1 | 14741 | 15572 | 15158 | 15157 | 2.74 | cps |
| Bromine | 81-2 | 127 | 147 | 197 | 157 | 23.01 | cps |
| Cadmium | 108-1 | 470 | 503 | 533 | 502 | 6.31 | cps |
| Cadmium | 106-1 | 5144 | 5041 | 5291 | 5159 | 2.44 | cps |
| Cadmium | 111-1 | 7590 | 7603 | 7517 | 7570 | 0.61 | cps |
| Calcium | 43-1 | 33551 | 33828 | 33864 | 33748 | 0.51 | cps |
| Calcium | 44-1 | 545714 | 547810 | 547086 | 546870 | 0.19 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 21162 | 21138 | 21162 | 21154 | 0.06 | cps |
| Cobalt | 59-2 | 15822 | 16155 | 16713 | 16230 | 2.77 | cps |
| Copper | 63-2 | 24981 | 25675 | 24654 | 25103 | 2.08 | cps |
| Dysprosium | 156-1 | 13 | 13 | 10 | 12 | 15.73 | cps |
| Dysprosium | 156-2 | 7 | 60 | 17 | 28 | 102.04 | cps |
| Erbium | 164-1 | 60 | 70 | 70 | 67 | 8.66 | cps |
| Erbium | 164-2 | 47 | 97 | 80 | 74 | 34.20 | cps |
| Gadolinium | 160-1 | 47 | 57 | 53 | 52 | 9.75 | cps |
| Gadolinium | 160-2 | 617 | 710 | 633 | 653 | 7.62 | cps |
| Holmium | 165-1 | 15902259 | 15396060 | 15688086 | 15662135 | 1.62 | cps |
| Holmium | 165-2 | 11461190 | 11632433 | 11621586 | 11571736 | 0.83 | cps |
| Indium | 115-1 | 13240424 | 12974619 | 12979420 | 13064821 | 1.16 | cps |
| Indium | 115-2 | 5003930 | 5011612 | 4972611 | 4996051 | 0.41 | cps |
| Iron | 56-2 | 2014302 | 2003004 | 1992377 | 2003228 | 0.55 | cps |
| Iron | 57-2 | 51451 | 52178 | 49628 | 51086 | 2.57 | cps |
| Iron | 54-2 | 112170 | 112752 | 110041 | 111654 | 1.28 | cps |
| Krypton | 83-1 | 190 | 223 | 167 | 193 | 14.73 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:49:11 | DataFile Name : | 055LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18553 | 18960 | 19057 | 18856 | 1.42 | cps |
| Lead | 207-1 | 16323 | 16540 | 16797 | 16554 | 1.43 | cps |
| Lead | 208-1 | 74614 | 75502 | 76180 | 75432 | 1.04 | cps |
| Lithium | 6-1 | 1982701 | 1974033 | 1939770 | 1965501 | 1.16 | cps |
| Magnesium | 24-2 | 438271 | 432643 | 435015 | 435310 | 0.65 | cps |
| Manganese | 55-2 | 8986 | 9557 | 9163 | 9235 | 3.16 | cps |
| Molybdenum | 94-1 | 50296 | 50460 | 50032 | 50262 | 0.43 | cps |
| Molybdenum | 95-1 | 60916 | 61177 | 60498 | 60863 | 0.56 | cps |
| Molybdenum | 96-1 | 67930 | 68231 | 67291 | 67817 | 0.71 | cps |
| Molybdenum | 97-1 | 37622 | 38464 | 38230 | 38105 | 1.14 | cps |
| Molybdenum | 98-1 | 96956 | 98889 | 98895 | 98246 | 1.14 | cps |
| Neodymium | 150-1 | 10 | 17 | 10 | 12 | 31.50 | cps |
| Neodymium | 150-2 | 13 | 73 | 3 | 30 | 126.22 | cps |
| Nickel | 60-2 | 4514 | 4978 | 4331 | 4607 | 7.24 | cps |
| Phosphorus | 31-2 | 857 | 770 | 813 | 813 | 5.33 | cps |
| Potassium | 39-2 | 682965 | 674793 | 675404 | 677721 | 0.67 | cps |
| Rhodium | 103-1 | 12277324 | 12012184 | 12071188 | 12120232 | 1.15 | cps |
| Rhodium | 103-2 | 7389094 | 7332722 | 7240892 | 7320903 | 1.02 | cps |
| Scandium | 45-1 | 7124115 | 7006131 | 7060646 | 7063630 | 0.84 | cps |
| Scandium | 45-2 | 638787 | 637520 | 631761 | 636022 | 0.59 | cps |
| Selenium | 82-1 | 2156 | 2166 | 2103 | 2142 | 1.58 | cps |
| Selenium | 77-2 | 217 | 220 | 200 | 212 | 5.05 | cps |
| Selenium | 78-2 | 1157 | 1183 | 1253 | 1198 | 4.17 | cps |
| Silicon | 28-1 | 768728 | 767403 | 765544 | 767225 | 0.21 | cps |
| Silver | 107-1 | 31467 | 32256 | 31845 | 31856 | 1.24 | cps |
| Silver | 109-1 | 29590 | 30095 | 30890 | 30191 | 2.17 | cps |
| Sodium | 23-2 | 718685 | 714819 | 711914 | 715139 | 0.48 | cps |
| Strontium | 86-1 | 8086 | 8199 | 8139 | 8141 | 0.70 | cps |
| Strontium | 88-1 | 67477 | 67902 | 68780 | 68053 | 0.98 | cps |
| Sulfur | 34-1 | 160277 | 160294 | 163807 | 161460 | 1.26 | cps |
| Terbium | 159-1 | 16232416 | 16189792 | 16244734 | 16222314 | 0.18 | cps |
| Terbium | 159-2 | 11547179 | 11431813 | 11364141 | 11447711 | 0.81 | cps |
| Thallium | 203-1 | 24001 | 23467 | 23911 | 23793 | 1.20 | cps |
| Thallium | 205-1 | 55061 | 55737 | 55292 | 55363 | 0.62 | cps |
| Tin | 118-1 | 104499 | 104912 | 106392 | 105267 | 0.95 | cps |
| Titanium | 47-1 | 3874 | 3884 | 3764 | 3841 | 1.73 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165880BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS880 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:49:11 | DataFile Name : | 055LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 65805 | 65062 | 66100 | 65656 | 0.81 | cps |
| Vanadium | 51-2 | 46592 | 45000 | 45298 | 45630 | 1.85 | cps |
| Yttrium | 89-1 | 19933091 | 19840805 | 19773168 | 19849022 | 0.40 | cps |
| Yttrium | 89-2 | 5579001 | 5559063 | 5581348 | 5573138 | 0.22 | cps |
| Zinc | 66-2 | 10324 | 10324 | 10400 | 10349 | 0.43 | cps |
| Zirconium | 90-1 | 41495 | 42237 | 43243 | 42325 | 2.07 | cps |
| Zirconium | 91-1 | 9043 | 9033 | 9490 | 9189 | 2.84 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 213 | 193 | 170 | 192 | 11.28 | cps |
| Antimony | 121-1 | 57 | 60 | 63 | 60 | 5.55 | cps |
| Arsenic | 75-2 | 10 | 3 | 3 | 6 | 69.34 | cps |
| Barium | 135-1 | 70 | 63 | 87 | 73 | 16.39 | cps |
| Barium | 137-1 | 93 | 110 | 77 | 93 | 17.86 | cps |
| Beryllium | 9-1 | 63 | 83 | 77 | 74 | 13.68 | cps |
| Bismuth | 209-1 | 9557536 | 9421613 | 9406733 | 9461961 | 0.88 | cps |
| Bismuth | 209-2 | 8216036 | 8248316 | 8281178 | 8248510 | 0.39 | cps |
| Bromine | 81-1 | 14824 | 14831 | 14804 | 14820 | 0.09 | cps |
| Bromine | 81-2 | 187 | 167 | 170 | 174 | 6.14 | cps |
| Cadmium | 108-1 | 23 | 7 | 7 | 12 | 78.69 | cps |
| Cadmium | 106-1 | 4654 | 4447 | 4584 | 4562 | 2.30 | cps |
| Cadmium | 111-1 | 948 | 912 | 946 | 935 | 2.17 | cps |
| Calcium | 43-1 | 217 | 250 | 290 | 252 | 14.56 | cps |
| Calcium | 44-1 | 7752 | 7235 | 7315 | 7434 | 3.74 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1567 | 1460 | 1600 | 1542 | 4.74 | cps |
| Cobalt | 59-2 | 143 | 133 | 107 | 128 | 14.83 | cps |
| Copper | 63-2 | 1287 | 1337 | 1380 | 1335 | 3.50 | cps |
| Dysprosium | 156-1 | 20 | 10 | 13 | 14 | 35.26 | cps |
| Dysprosium | 156-2 | 3 | 0 | 3 | 2 | 86.60 | cps |
| Erbium | 164-1 | 77 | 77 | 70 | 74 | 5.17 | cps |
| Erbium | 164-2 | 70 | 53 | 60 | 61 | 13.73 | cps |
| Gadolinium | 160-1 | 57 | 47 | 37 | 47 | 21.43 | cps |
| Gadolinium | 160-2 | 687 | 667 | 700 | 684 | 2.45 | cps |
| Holmium | 165-1 | 15776462 | 15462800 | 15509371 | 15582878 | 1.09 | cps |
| Holmium | 165-2 | 11505722 | 11500079 | 11527663 | 11511154 | 0.13 | cps |
| Indium | 115-1 | 13125020 | 13013030 | 12935581 | 13024544 | 0.73 | cps |
| Indium | 115-2 | 5044014 | 5026506 | 4977508 | 5016009 | 0.69 | cps |
| Iron | 56-2 | 20224 | 20013 | 19910 | 20049 | 0.80 | cps |
| Iron | 57-2 | 1157 | 1237 | 1170 | 1188 | 3.61 | cps |
| Iron | 54-2 | 2834 | 2704 | 2714 | 2750 | 2.63 | cps |
| Krypton | 83-1 | 143 | 270 | 240 | 218 | 30.39 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 707 | 640 | 660 | 669 | 5.11 | cps |
| Lead | 207-1 | 557 | 497 | 633 | 562 | 12.18 | cps |
| Lead | 208-1 | 2567 | 2460 | 2633 | 2553 | 3.42 | cps |
| Lithium | 6-1 | 1997186 | 1925466 | 2002982 | 1975212 | 2.19 | cps |
| Magnesium | 24-2 | 873 | 953 | 907 | 911 | 4.41 | cps |
| Manganese | 55-2 | 767 | 667 | 683 | 706 | 7.59 | cps |
| Molybdenum | 94-1 | 373 | 407 | 410 | 397 | 5.11 | cps |
| Molybdenum | 95-1 | 150 | 113 | 143 | 136 | 14.41 | cps |
| Molybdenum | 96-1 | 193 | 227 | 340 | 253 | 30.35 | cps |
| Molybdenum | 97-1 | 103 | 110 | 110 | 108 | 3.57 | cps |
| Molybdenum | 98-1 | 273 | 273 | 280 | 276 | 1.40 | cps |
| Neodymium | 150-1 | 13 | 13 | 7 | 11 | 34.61 | cps |
| Neodymium | 150-2 | 0 | 7 | 3 | 3 | 100.05 | cps |
| Nickel | 60-2 | 617 | 503 | 473 | 531 | 14.23 | cps |
| Phosphorus | 31-2 | 183 | 143 | 93 | 140 | 32.21 | cps |
| Potassium | 39-2 | 59181 | 59676 | 59074 | 59310 | 0.54 | cps |
| Rhodium | 103-1 | 12126630 | 12027536 | 12001254 | 12051806 | 0.55 | cps |
| Rhodium | 103-2 | 7365794 | 7310826 | 7339179 | 7338600 | 0.37 | cps |
| Scandium | 45-1 | 7057450 | 7072389 | 7022794 | 7050878 | 0.36 | cps |
| Scandium | 45-2 | 637743 | 642245 | 636137 | 638708 | 0.50 | cps |
| Selenium | 82-1 | 255 | 45 | 69 | 123 | 93.80 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 500 | 527 | 483 | 503 | 4.34 | cps |
| Silicon | 28-1 | 654482 | 656203 | 653418 | 654701 | 0.21 | cps |
| Silver | 107-1 | 293 | 300 | 287 | 293 | 2.27 | cps |
| Silver | 109-1 | 213 | 223 | 197 | 211 | 6.38 | cps |
| Sodium | 23-2 | 21048 | 20764 | 20921 | 20911 | 0.68 | cps |
| Strontium | 86-1 | 373 | 357 | 407 | 379 | 6.72 | cps |
| Strontium | 88-1 | 407 | 327 | 407 | 380 | 12.16 | cps |
| Sulfur | 34-1 | 164939 | 164699 | 167739 | 165792 | 1.02 | cps |
| Terbium | 159-1 | 16041548 | 16074088 | 16001008 | 16038881 | 0.23 | cps |
| Terbium | 159-2 | 11270650 | 11527557 | 11392644 | 11396951 | 1.13 | cps |
| Thallium | 203-1 | 580 | 590 | 503 | 558 | 8.50 | cps |
| Thallium | 205-1 | 1337 | 1360 | 1260 | 1319 | 3.97 | cps |
| Tin | 118-1 | 1540 | 1433 | 1503 | 1492 | 3.63 | cps |
| Titanium | 47-1 | 87 | 50 | 103 | 80 | 34.11 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30 | 30 | 20 | 27 | 21.65 | cps |
| Vanadium | 51-2 | 13 | 40 | 23 | 26 | 52.73 | cps |
| Yttrium | 89-1 | 19499572 | 19544810 | 19388066 | 19477482 | 0.41 | cps |
| Yttrium | 89-2 | 5540381 | 5579457 | 5514526 | 5544788 | 0.59 | cps |
| Zinc | 66-2 | 513 | 513 | 487 | 504 | 3.05 | cps |
| Zirconium | 90-1 | 923 | 870 | 967 | 920 | 5.26 | cps |
| Zirconium | 91-1 | 227 | 237 | 230 | 231 | 2.20 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12125 | 12008 | 12038 | 12057 | 0.50 | cps |
| Antimony | 121-1 | 49953 | 51144 | 51863 | 50987 | 1.89 | cps |
| Arsenic | 75-2 | 1600 | 1463 | 1487 | 1517 | 4.82 | cps |
| Barium | 135-1 | 63039 | 63678 | 63862 | 63526 | 0.68 | cps |
| Barium | 137-1 | 108853 | 110179 | 111127 | 110053 | 1.04 | cps |
| Beryllium | 9-1 | 3360 | 3297 | 3354 | 3337 | 1.04 | cps |
| Bismuth | 209-1 | 9947199 | 9462155 | 9433517 | 9614290 | 3.00 | cps |
| Bismuth | 209-2 | 8320242 | 8246630 | 8307151 | 8291341 | 0.47 | cps |
| Bromine | 81-1 | 15211 | 14778 | 15358 | 15116 | 2.00 | cps |
| Bromine | 81-2 | 147 | 167 | 163 | 159 | 6.74 | cps |
| Cadmium | 108-1 | 423 | 510 | 483 | 472 | 9.40 | cps |
| Cadmium | 106-1 | 6061 | 5448 | 5034 | 5514 | 9.37 | cps |
| Cadmium | 111-1 | 7839 | 8203 | 8121 | 8054 | 2.37 | cps |
| Calcium | 43-1 | 34068 | 35786 | 35976 | 35277 | 2.98 | cps |
| Calcium | 44-1 | 556350 | 574643 | 578526 | 569840 | 2.08 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 22914 | 22377 | 22467 | 22586 | 1.27 | cps |
| Cobalt | 59-2 | 17454 | 17333 | 17363 | 17383 | 0.36 | cps |
| Copper | 63-2 | 26450 | 25769 | 25989 | 26069 | 1.33 | cps |
| Dysprosium | 156-1 | 13 | 13 | 30 | 19 | 50.96 | cps |
| Dysprosium | 156-2 | 20 | 13 | 10 | 14 | 35.26 | cps |
| Erbium | 164-1 | 53 | 70 | 90 | 71 | 25.82 | cps |
| Erbium | 164-2 | 47 | 60 | 57 | 54 | 12.74 | cps |
| Gadolinium | 160-1 | 53 | 37 | 40 | 43 | 20.34 | cps |
| Gadolinium | 160-2 | 660 | 660 | 693 | 671 | 2.87 | cps |
| Holmium | 165-1 | 16419648 | 15865505 | 15669176 | 15984776 | 2.43 | cps |
| Holmium | 165-2 | 11477737 | 11571927 | 11470722 | 11506795 | 0.49 | cps |
| Indium | 115-1 | 13891629 | 12996601 | 13007959 | 13298730 | 3.86 | cps |
| Indium | 115-2 | 5119193 | 5070078 | 4970096 | 5053123 | 1.50 | cps |
| Iron | 56-2 | 2115019 | 2102107 | 2114835 | 2110653 | 0.35 | cps |
| Iron | 57-2 | 53140 | 53281 | 53662 | 53361 | 0.51 | cps |
| Iron | 54-2 | 117252 | 118229 | 117023 | 117501 | 0.55 | cps |
| Krypton | 83-1 | 177 | 237 | 210 | 208 | 14.47 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19047 | 20178 | 19898 | 19708 | 2.99 | cps |
| Lead | 207-1 | 17024 | 17094 | 17378 | 17165 | 1.09 | cps |
| Lead | 208-1 | 76397 | 78555 | 78622 | 77858 | 1.63 | cps |
| Lithium | 6-1 | 2094255 | 1959516 | 1955637 | 2003136 | 3.94 | cps |
| Magnesium | 24-2 | 463019 | 458277 | 457095 | 459463 | 0.68 | cps |
| Manganese | 55-2 | 9490 | 9653 | 9266 | 9470 | 2.05 | cps |
| Molybdenum | 94-1 | 50724 | 52758 | 52497 | 51993 | 2.13 | cps |
| Molybdenum | 95-1 | 61913 | 63376 | 63838 | 63043 | 1.59 | cps |
| Molybdenum | 96-1 | 69404 | 72106 | 71443 | 70984 | 1.98 | cps |
| Molybdenum | 97-1 | 38297 | 39580 | 40282 | 39386 | 2.56 | cps |
| Molybdenum | 98-1 | 99543 | 104410 | 102919 | 102291 | 2.44 | cps |
| Neodymium | 150-1 | 17 | 10 | 7 | 11 | 45.82 | cps |
| Neodymium | 150-2 | 3 | 7 | 10 | 7 | 50.03 | cps |
| Nickel | 60-2 | 4564 | 4657 | 4671 | 4631 | 1.26 | cps |
| Phosphorus | 31-2 | 797 | 853 | 813 | 821 | 3.55 | cps |
| Potassium | 39-2 | 715680 | 716018 | 712170 | 714623 | 0.30 | cps |
| Rhodium | 103-1 | 12892750 | 12155860 | 12079434 | 12376015 | 3.63 | cps |
| Rhodium | 103-2 | 7353987 | 7429764 | 7259840 | 7347864 | 1.16 | cps |
| Scandium | 45-1 | 7511770 | 7061010 | 7090902 | 7221227 | 3.49 | cps |
| Scandium | 45-2 | 644284 | 642263 | 641224 | 642590 | 0.24 | cps |
| Selenium | 82-1 | 2234 | 2133 | 2120 | 2163 | 2.87 | cps |
| Selenium | 77-2 | 237 | 230 | 240 | 236 | 2.16 | cps |
| Selenium | 78-2 | 1250 | 1133 | 1327 | 1237 | 7.87 | cps |
| Silicon | 28-1 | 781265 | 789863 | 794735 | 788621 | 0.86 | cps |
| Silver | 107-1 | 32924 | 32974 | 34000 | 33299 | 1.82 | cps |
| Silver | 109-1 | 30399 | 31250 | 31561 | 31070 | 1.94 | cps |
| Sodium | 23-2 | 756600 | 748940 | 754480 | 753340 | 0.53 | cps |
| Strontium | 86-1 | 8616 | 9150 | 8609 | 8792 | 3.53 | cps |
| Strontium | 88-1 | 70110 | 72008 | 71164 | 71094 | 1.34 | cps |
| Sulfur | 34-1 | 173478 | 175003 | 178287 | 175589 | 1.40 | cps |
| Terbium | 159-1 | 17059993 | 16343144 | 16069206 | 16490781 | 3.10 | cps |
| Terbium | 159-2 | 11425936 | 11347241 | 11411853 | 11395010 | 0.37 | cps |
| Thallium | 203-1 | 23444 | 24485 | 24853 | 24261 | 3.01 | cps |
| Thallium | 205-1 | 55285 | 58291 | 57879 | 57152 | 2.85 | cps |
| Tin | 118-1 | 107615 | 108595 | 108736 | 108315 | 0.56 | cps |
| Titanium | 47-1 | 3874 | 3690 | 4154 | 3906 | 5.98 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 65601 | 67792 | 68207 | 67200 | 2.08 | cps |
| Vanadium | 51-2 | 47558 | 47979 | 46980 | 47506 | 1.06 | cps |
| Yttrium | 89-1 | 20747343 | 19916153 | 19689670 | 20117722 | 2.77 | cps |
| Yttrium | 89-2 | 5626016 | 5620310 | 5599117 | 5615148 | 0.25 | cps |
| Zinc | 66-2 | 11091 | 10997 | 10877 | 10989 | 0.97 | cps |
| Zirconium | 90-1 | 41589 | 44002 | 43641 | 43078 | 3.02 | cps |
| Zirconium | 91-1 | 9223 | 9753 | 9790 | 9589 | 3.31 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13647415 | 13758959 | 13625271 | 13677215 | 0.52 | cps |
| Antimony | 121-1 | 5862838 | 5921457 | 5941913 | 5908736 | 0.69 | cps |
| Arsenic | 75-2 | 289715 | 289168 | 286910 | 288597 | 0.52 | cps |
| Barium | 135-1 | 7613339 | 7727758 | 7644551 | 7661883 | 0.77 | cps |
| Barium | 137-1 | 13258004 | 13153865 | 13166984 | 13192951 | 0.43 | cps |
| Beryllium | 9-1 | 699534 | 705792 | 710547 | 705291 | 0.78 | cps |
| Bismuth | 209-1 | 8921875 | 8955383 | 8931990 | 8936416 | 0.19 | cps |
| Bismuth | 209-2 | 7400768 | 7476295 | 7347343 | 7408135 | 0.87 | cps |
| Bromine | 81-1 | 12545 | 12545 | 12442 | 12511 | 0.48 | cps |
| Bromine | 81-2 | 123 | 113 | 127 | 121 | 5.73 | cps |
| Cadmium | 108-1 | 105799 | 106997 | 106658 | 106485 | 0.58 | cps |
| Cadmium | 106-1 | 153643 | 153952 | 153474 | 153690 | 0.16 | cps |
| Cadmium | 111-1 | 1430945 | 1450960 | 1453956 | 1445287 | 0.87 | cps |
| Calcium | 43-1 | 7400169 | 7357524 | 7466601 | 7408098 | 0.74 | cps |
| Calcium | 44-1 | 118285832 | 118029932 | 118508502 | 118274755 | 0.20 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2270143 | 2237721 | 2257322 | 2255062 | 0.72 | cps |
| Cobalt | 59-2 | 3426156 | 3427077 | 3447779 | 3433671 | 0.36 | cps |
| Copper | 63-2 | 23928014 | 24021719 | 24038342 | 23996025 | 0.25 | cps |
| Dysprosium | 156-1 | 290 | 200 | 250 | 247 | 18.28 | cps |
| Dysprosium | 156-2 | 657 | 587 | 600 | 614 | 6.05 | cps |
| Erbium | 164-1 | 333 | 317 | 290 | 313 | 6.98 | cps |
| Erbium | 164-2 | 247 | 203 | 270 | 240 | 14.10 | cps |
| Gadolinium | 160-1 | 250 | 280 | 267 | 266 | 5.66 | cps |
| Gadolinium | 160-2 | 807 | 753 | 733 | 764 | 4.96 | cps |
| Holmium | 165-1 | 15527786 | 15276726 | 15349699 | 15384737 | 0.84 | cps |
| Holmium | 165-2 | 11185768 | 11238630 | 10997654 | 11140684 | 1.14 | cps |
| Indium | 115-1 | 11695662 | 11599555 | 11435465 | 11576894 | 1.14 | cps |
| Indium | 115-2 | 4327034 | 4374970 | 4298422 | 4333475 | 0.89 | cps |
| Iron | 56-2 | 529347072 | 528264219 | 526749512 | 528120268 | 0.25 | cps |
| Iron | 57-2 | 13249235 | 13158872 | 13038975 | 13149027 | 0.80 | cps |
| Iron | 54-2 | 28742559 | 28714341 | 28499199 | 28652033 | 0.46 | cps |
| Krypton | 83-1 | 203 | 223 | 247 | 224 | 9.66 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22983518 | 23172690 | 23606158 | 23254122 | 1.37 | cps |
| Lead | 207-1 | 20139476 | 20600582 | 20650575 | 20463544 | 1.38 | cps |
| Lead | 208-1 | 92264298 | 93841827 | 94392177 | 93499434 | 1.18 | cps |
| Lithium | 6-1 | 1914656 | 1891600 | 1908870 | 1905042 | 0.63 | cps |
| Magnesium | 24-2 | 101857762 | 102315538 | 102084452 | 102085917 | 0.22 | cps |
| Manganese | 55-2 | 18456802 | 18425167 | 18399521 | 18427163 | 0.16 | cps |
| Molybdenum | 94-1 | 19917157 | 19952988 | 19840499 | 19903548 | 0.29 | cps |
| Molybdenum | 95-1 | 28913531 | 29015642 | 28959539 | 28962904 | 0.18 | cps |
| Molybdenum | 96-1 | 32067867 | 31995852 | 32205922 | 32089880 | 0.33 | cps |
| Molybdenum | 97-1 | 18207407 | 18133536 | 18085712 | 18142218 | 0.34 | cps |
| Molybdenum | 98-1 | 46470124 | 46698066 | 46732331 | 46633507 | 0.31 | cps |
| Neodymium | 150-1 | 530 | 453 | 437 | 473 | 10.52 | cps |
| Neodymium | 150-2 | 140 | 157 | 153 | 150 | 5.88 | cps |
| Nickel | 60-2 | 818595 | 818717 | 820868 | 819393 | 0.16 | cps |
| Phosphorus | 31-2 | 119871 | 118239 | 119471 | 119194 | 0.71 | cps |
| Potassium | 39-2 | 66154516 | 66101796 | 66454059 | 66236790 | 0.29 | cps |
| Rhodium | 103-1 | 10235367 | 10139518 | 10139869 | 10171585 | 0.54 | cps |
| Rhodium | 103-2 | 6115274 | 6185806 | 6097081 | 6132720 | 0.76 | cps |
| Scandium | 45-1 | 6334314 | 6260614 | 6271055 | 6288661 | 0.63 | cps |
| Scandium | 45-2 | 550505 | 551401 | 551203 | 551037 | 0.09 | cps |
| Selenium | 82-1 | 84602 | 85077 | 84673 | 84784 | 0.30 | cps |
| Selenium | 77-2 | 9050 | 9046 | 9386 | 9161 | 2.13 | cps |
| Selenium | 78-2 | 30992 | 31086 | 31143 | 31074 | 0.24 | cps |
| Silicon | 28-1 | 7436469 | 7517248 | 7444695 | 7466138 | 0.60 | cps |
| Silver | 107-1 | 7129701 | 7145860 | 7109471 | 7128344 | 0.26 | cps |
| Silver | 109-1 | 6827824 | 6810305 | 6808974 | 6815701 | 0.15 | cps |
| Sodium | 23-2 | 165743188 | 167750991 | 167633121 | 167042433 | 0.67 | cps |
| Strontium | 86-1 | 1835564 | 1871858 | 1810708 | 1839377 | 1.67 | cps |
| Strontium | 88-1 | 15874854 | 16137080 | 16105577 | 16039170 | 0.89 | cps |
| Sulfur | 34-1 | 553818 | 550875 | 555052 | 553248 | 0.39 | cps |
| Terbium | 159-1 | 15671791 | 15472116 | 15770239 | 15638049 | 0.97 | cps |
| Terbium | 159-2 | 10999154 | 11066244 | 10760498 | 10941965 | 1.47 | cps |
| Thallium | 203-1 | 5873106 | 5927100 | 5979408 | 5926538 | 0.90 | cps |
| Thallium | 205-1 | 13718274 | 13909447 | 14031258 | 13886327 | 1.14 | cps |
| Tin | 118-1 | 4794546 | 4858438 | 4851025 | 4834670 | 0.72 | cps |
| Titanium | 47-1 | 6994246 | 6941187 | 6896458 | 6943963 | 0.70 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18391485 | 18439593 | 18531553 | 18454210 | 0.39 | cps |
| Vanadium | 51-2 | 2019383 | 2002342 | 2010166 | 2010630 | 0.42 | cps |
| Yttrium | 89-1 | 17763409 | 17955871 | 17850462 | 17856580 | 0.54 | cps |
| Yttrium | 89-2 | 4911189 | 4994362 | 4972240 | 4959264 | 0.87 | cps |
| Zinc | 66-2 | 4156022 | 4111223 | 4117674 | 4128306 | 0.59 | cps |
| Zirconium | 90-1 | 9778352 | 10002237 | 9813852 | 9864814 | 1.22 | cps |
| Zirconium | 91-1 | 2147343 | 2208975 | 2181686 | 2179335 | 1.42 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 213 | 287 | 263 | 254 | 14.72 | cps |
| Antimony | 121-1 | 347 | 407 | 307 | 353 | 14.24 | cps |
| Arsenic | 75-2 | 3 | 10 | 3 | 6 | 69.34 | cps |
| Barium | 135-1 | 50 | 53 | 33 | 46 | 23.52 | cps |
| Barium | 137-1 | 100 | 107 | 100 | 102 | 3.77 | cps |
| Beryllium | 9-1 | 97 | 77 | 93 | 89 | 12.05 | cps |
| Bismuth | 209-1 | 9623115 | 9722222 | 9735770 | 9693702 | 0.63 | cps |
| Bismuth | 209-2 | 8321512 | 8364676 | 8252853 | 8313013 | 0.68 | cps |
| Bromine | 81-1 | 13857 | 14194 | 14354 | 14135 | 1.80 | cps |
| Bromine | 81-2 | 263 | 230 | 267 | 253 | 8.00 | cps |
| Cadmium | 108-1 | 17 | 10 | 3 | 10 | 66.70 | cps |
| Cadmium | 106-1 | 4534 | 4444 | 4394 | 4457 | 1.59 | cps |
| Cadmium | 111-1 | 952 | 905 | 893 | 917 | 3.38 | cps |
| Calcium | 43-1 | 243 | 247 | 200 | 230 | 11.32 | cps |
| Calcium | 44-1 | 6985 | 6848 | 6682 | 6838 | 2.22 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2030 | 1933 | 2220 | 2061 | 7.08 | cps |
| Cobalt | 59-2 | 140 | 177 | 147 | 154 | 12.65 | cps |
| Copper | 63-2 | 1393 | 1420 | 1417 | 1410 | 1.03 | cps |
| Dysprosium | 156-1 | 10 | 13 | 17 | 13 | 25.01 | cps |
| Dysprosium | 156-2 | 13 | 7 | 3 | 8 | 65.47 | cps |
| Erbium | 164-1 | 97 | 73 | 90 | 87 | 13.87 | cps |
| Erbium | 164-2 | 57 | 63 | 43 | 54 | 18.71 | cps |
| Gadolinium | 160-1 | 57 | 53 | 60 | 57 | 5.89 | cps |
| Gadolinium | 160-2 | 647 | 610 | 623 | 627 | 2.96 | cps |
| Holmium | 165-1 | 15767294 | 15888210 | 15636521 | 15764008 | 0.80 | cps |
| Holmium | 165-2 | 11599187 | 11555342 | 11431014 | 11528514 | 0.76 | cps |
| Indium | 115-1 | 12764843 | 12778855 | 12817196 | 12786965 | 0.21 | cps |
| Indium | 115-2 | 4877360 | 4857462 | 4848959 | 4861260 | 0.30 | cps |
| Iron | 56-2 | 21222 | 21746 | 21712 | 21560 | 1.36 | cps |
| Iron | 57-2 | 1130 | 1047 | 1080 | 1086 | 3.86 | cps |
| Iron | 54-2 | 2580 | 2647 | 2624 | 2617 | 1.29 | cps |
| Krypton | 83-1 | 203 | 157 | 167 | 176 | 14.00 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 640 | 620 | 660 | 640 | 3.12 | cps |
| Lead | 207-1 | 500 | 450 | 513 | 488 | 6.85 | cps |
| Lead | 208-1 | 2307 | 2427 | 2533 | 2422 | 4.68 | cps |
| Lithium | 6-1 | 2026692 | 2052963 | 2020275 | 2033310 | 0.85 | cps |
| Magnesium | 24-2 | 980 | 947 | 897 | 941 | 4.46 | cps |
| Manganese | 55-2 | 333 | 363 | 297 | 331 | 10.08 | cps |
| Molybdenum | 94-1 | 477 | 607 | 497 | 527 | 13.29 | cps |
| Molybdenum | 95-1 | 367 | 340 | 343 | 350 | 4.15 | cps |
| Molybdenum | 96-1 | 437 | 463 | 457 | 452 | 3.07 | cps |
| Molybdenum | 97-1 | 253 | 253 | 253 | 253 | 0.00 | cps |
| Molybdenum | 98-1 | 640 | 587 | 600 | 609 | 4.56 | cps |
| Neodymium | 150-1 | 13 | 13 | 10 | 12 | 15.73 | cps |
| Neodymium | 150-2 | 0 | 0 | 10 | 3 | 173.21 | cps |
| Nickel | 60-2 | 597 | 617 | 703 | 639 | 8.88 | cps |
| Phosphorus | 31-2 | 150 | 130 | 107 | 129 | 16.83 | cps |
| Potassium | 39-2 | 54490 | 53955 | 53554 | 54000 | 0.87 | cps |
| Rhodium | 103-1 | 11743166 | 11639511 | 11663232 | 11681970 | 0.46 | cps |
| Rhodium | 103-2 | 7171133 | 7131621 | 7143254 | 7148669 | 0.28 | cps |
| Scandium | 45-1 | 6763016 | 6714136 | 6715368 | 6730840 | 0.41 | cps |
| Scandium | 45-2 | 594187 | 597682 | 594947 | 595605 | 0.31 | cps |
| Selenium | 82-1 | 102 | 141 | 121 | 121 | 16.21 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 470 | 473 | 450 | 464 | 2.72 | cps |
| Silicon | 28-1 | 543818 | 551047 | 545882 | 546915 | 0.68 | cps |
| Silver | 107-1 | 257 | 213 | 193 | 221 | 14.64 | cps |
| Silver | 109-1 | 133 | 107 | 123 | 121 | 11.12 | cps |
| Sodium | 23-2 | 23805 | 24329 | 24206 | 24113 | 1.14 | cps |
| Strontium | 86-1 | 317 | 290 | 353 | 320 | 9.94 | cps |
| Strontium | 88-1 | 230 | 240 | 227 | 232 | 2.99 | cps |
| Sulfur | 34-1 | 180738 | 180374 | 179730 | 180281 | 0.28 | cps |
| Terbium | 159-1 | 16237166 | 16192552 | 16408788 | 16279502 | 0.70 | cps |
| Terbium | 159-2 | 11371314 | 11393245 | 11207071 | 11323877 | 0.90 | cps |
| Thallium | 203-1 | 643 | 590 | 640 | 624 | 4.78 | cps |
| Thallium | 205-1 | 1500 | 1507 | 1603 | 1537 | 3.76 | cps |
| Tin | 118-1 | 1333 | 1243 | 1213 | 1263 | 4.94 | cps |
| Titanium | 47-1 | 110 | 87 | 123 | 107 | 17.40 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33 | 13 | 40 | 29 | 48.05 | cps |
| Vanadium | 51-2 | 30 | 20 | 10 | 20 | 50.00 | cps |
| Yttrium | 89-1 | 19145541 | 19074122 | 18968518 | 19062727 | 0.47 | cps |
| Yttrium | 89-2 | 5374492 | 5315153 | 5294156 | 5327934 | 0.78 | cps |
| Zinc | 66-2 | 227 | 280 | 333 | 280 | 19.05 | cps |
| Zirconium | 90-1 | 760 | 893 | 793 | 816 | 8.51 | cps |
| Zirconium | 91-1 | 217 | 173 | 153 | 181 | 17.87 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 207 | 210 | 203 | 207 | 1.61 | cps |
| Antimony | 121-1 | 193 | 230 | 313 | 246 | 25.04 | cps |
| Arsenic | 75-2 | 17 | 0 | 10 | 9 | 94.38 | cps |
| Barium | 135-1 | 47 | 73 | 60 | 60 | 22.22 | cps |
| Barium | 137-1 | 127 | 100 | 107 | 111 | 12.49 | cps |
| Beryllium | 9-1 | 83 | 80 | 103 | 89 | 14.20 | cps |
| Bismuth | 209-1 | 9708964 | 9732295 | 9653292 | 9698184 | 0.42 | cps |
| Bismuth | 209-2 | 8350378 | 8239346 | 8313811 | 8301178 | 0.68 | cps |
| Bromine | 81-1 | 14080 | 14347 | 14791 | 14406 | 2.49 | cps |
| Bromine | 81-2 | 137 | 157 | 167 | 153 | 9.96 | cps |
| Cadmium | 108-1 | 13 | 10 | 10 | 11 | 17.30 | cps |
| Cadmium | 106-1 | 4774 | 4617 | 4654 | 4682 | 1.75 | cps |
| Cadmium | 111-1 | 962 | 930 | 934 | 942 | 1.87 | cps |
| Calcium | 43-1 | 313 | 267 | 270 | 283 | 9.19 | cps |
| Calcium | 44-1 | 6662 | 6868 | 6825 | 6785 | 1.61 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1360 | 1313 | 1347 | 1340 | 1.79 | cps |
| Cobalt | 59-2 | 133 | 123 | 143 | 133 | 7.50 | cps |
| Copper | 63-2 | 1233 | 1170 | 1287 | 1230 | 4.75 | cps |
| Dysprosium | 156-1 | 20 | 13 | 13 | 16 | 24.76 | cps |
| Dysprosium | 156-2 | 0 | 7 | 7 | 4 | 86.60 | cps |
| Erbium | 164-1 | 53 | 97 | 73 | 74 | 29.14 | cps |
| Erbium | 164-2 | 60 | 50 | 70 | 60 | 16.67 | cps |
| Gadolinium | 160-1 | 50 | 37 | 60 | 49 | 23.94 | cps |
| Gadolinium | 160-2 | 650 | 670 | 667 | 662 | 1.62 | cps |
| Holmium | 165-1 | 15659206 | 15617477 | 15607469 | 15628051 | 0.18 | cps |
| Holmium | 165-2 | 11615600 | 11536604 | 11527872 | 11560025 | 0.42 | cps |
| Indium | 115-1 | 12720856 | 12790397 | 12714569 | 12741941 | 0.33 | cps |
| Indium | 115-2 | 4939993 | 4914311 | 4866705 | 4907003 | 0.76 | cps |
| Iron | 56-2 | 18211 | 18335 | 18445 | 18330 | 0.64 | cps |
| Iron | 57-2 | 1037 | 993 | 1073 | 1034 | 3.87 | cps |
| Iron | 54-2 | 2430 | 2374 | 2537 | 2447 | 3.39 | cps |
| Krypton | 83-1 | 217 | 220 | 237 | 224 | 4.77 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 707 | 627 | 560 | 631 | 11.64 | cps |
| Lead | 207-1 | 487 | 557 | 477 | 507 | 8.60 | cps |
| Lead | 208-1 | 2410 | 2363 | 2340 | 2371 | 1.50 | cps |
| Lithium | 6-1 | 2006679 | 1998697 | 1998386 | 2001254 | 0.23 | cps |
| Magnesium | 24-2 | 920 | 707 | 900 | 842 | 13.99 | cps |
| Manganese | 55-2 | 653 | 703 | 657 | 671 | 4.17 | cps |
| Molybdenum | 94-1 | 457 | 363 | 403 | 408 | 11.48 | cps |
| Molybdenum | 95-1 | 230 | 233 | 240 | 234 | 2.17 | cps |
| Molybdenum | 96-1 | 267 | 300 | 300 | 289 | 6.66 | cps |
| Molybdenum | 97-1 | 180 | 137 | 150 | 156 | 14.27 | cps |
| Molybdenum | 98-1 | 360 | 353 | 390 | 368 | 5.31 | cps |
| Neodymium | 150-1 | 10 | 7 | 20 | 12 | 56.76 | cps |
| Neodymium | 150-2 | 3 | 10 | 7 | 7 | 50.03 | cps |
| Nickel | 60-2 | 463 | 430 | 477 | 457 | 5.26 | cps |
| Phosphorus | 31-2 | 183 | 150 | 150 | 161 | 11.95 | cps |
| Potassium | 39-2 | 55658 | 53330 | 55320 | 54769 | 2.30 | cps |
| Rhodium | 103-1 | 11766098 | 11824523 | 11774204 | 11788275 | 0.27 | cps |
| Rhodium | 103-2 | 7209889 | 7184239 | 7193029 | 7195719 | 0.18 | cps |
| Scandium | 45-1 | 6841256 | 6828111 | 6788297 | 6819222 | 0.40 | cps |
| Scandium | 45-2 | 609071 | 604287 | 602216 | 605191 | 0.58 | cps |
| Selenium | 82-1 | 149 | 152 | 129 | 143 | 8.70 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 443 | 433 | 383 | 420 | 7.65 | cps |
| Silicon | 28-1 | 570786 | 573291 | 572731 | 572269 | 0.23 | cps |
| Silver | 107-1 | 160 | 177 | 110 | 149 | 23.30 | cps |
| Silver | 109-1 | 160 | 113 | 93 | 122 | 27.99 | cps |
| Sodium | 23-2 | 20988 | 20657 | 20617 | 20754 | 0.98 | cps |
| Strontium | 86-1 | 343 | 330 | 350 | 341 | 2.99 | cps |
| Strontium | 88-1 | 317 | 330 | 300 | 316 | 4.76 | cps |
| Sulfur | 34-1 | 182313 | 184911 | 184671 | 183965 | 0.78 | cps |
| Terbium | 159-1 | 16211517 | 16210485 | 15984803 | 16135602 | 0.81 | cps |
| Terbium | 159-2 | 11318719 | 11193383 | 11350058 | 11287387 | 0.73 | cps |
| Thallium | 203-1 | 517 | 477 | 567 | 520 | 8.67 | cps |
| Thallium | 205-1 | 1310 | 1457 | 1467 | 1411 | 6.22 | cps |
| Tin | 118-1 | 1650 | 1360 | 1493 | 1501 | 9.67 | cps |
| Titanium | 47-1 | 87 | 57 | 67 | 70 | 21.82 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 10 | 30 | 17 | 19 | 53.91 | cps |
| Vanadium | 51-2 | 7 | 7 | 13 | 9 | 43.25 | cps |
| Yttrium | 89-1 | 18939109 | 19248032 | 19335068 | 19174070 | 1.09 | cps |
| Yttrium | 89-2 | 5402108 | 5373351 | 5392441 | 5389300 | 0.27 | cps |
| Zinc | 66-2 | 283 | 280 | 303 | 289 | 4.37 | cps |
| Zirconium | 90-1 | 760 | 763 | 863 | 796 | 7.38 | cps |
| Zirconium | 91-1 | 120 | 143 | 193 | 152 | 24.61 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10957 | 10911 | 10831 | 10900 | 0.59 | cps |
| Antimony | 121-1 | 46746 | 46398 | 46809 | 46651 | 0.47 | cps |
| Arsenic | 75-2 | 1353 | 1440 | 1300 | 1365 | 5.18 | cps |
| Barium | 135-1 | 57964 | 57227 | 57134 | 57442 | 0.79 | cps |
| Barium | 137-1 | 100441 | 99348 | 99005 | 99598 | 0.75 | cps |
| Beryllium | 9-1 | 3120 | 3204 | 2987 | 3104 | 3.52 | cps |
| Bismuth | 209-1 | 9528337 | 9662512 | 9689463 | 9626771 | 0.90 | cps |
| Bismuth | 209-2 | 8277848 | 8225464 | 8145359 | 8216224 | 0.81 | cps |
| Bromine | 81-1 | 14240 | 14671 | 13847 | 14253 | 2.89 | cps |
| Bromine | 81-2 | 130 | 150 | 107 | 129 | 16.83 | cps |
| Cadmium | 108-1 | 520 | 447 | 440 | 469 | 9.47 | cps |
| Cadmium | 106-1 | 5538 | 5188 | 5018 | 5248 | 5.05 | cps |
| Cadmium | 111-1 | 7082 | 7260 | 7298 | 7214 | 1.60 | cps |
| Calcium | 43-1 | 31837 | 31162 | 31062 | 31354 | 1.34 | cps |
| Calcium | 44-1 | 507102 | 507642 | 509033 | 507926 | 0.20 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19813 | 19279 | 19079 | 19390 | 1.96 | cps |
| Cobalt | 59-2 | 15161 | 15561 | 15038 | 15253 | 1.80 | cps |
| Copper | 63-2 | 22537 | 22604 | 22841 | 22661 | 0.70 | cps |
| Dysprosium | 156-1 | 7 | 10 | 3 | 7 | 50.03 | cps |
| Dysprosium | 156-2 | 23 | 17 | 3 | 14 | 70.51 | cps |
| Erbium | 164-1 | 67 | 70 | 97 | 78 | 21.14 | cps |
| Erbium | 164-2 | 70 | 70 | 63 | 68 | 5.68 | cps |
| Gadolinium | 160-1 | 47 | 37 | 47 | 43 | 13.32 | cps |
| Gadolinium | 160-2 | 710 | 683 | 680 | 691 | 2.38 | cps |
| Holmium | 165-1 | 15841181 | 15643098 | 15663934 | 15716071 | 0.69 | cps |
| Holmium | 165-2 | 11397386 | 11501527 | 11453832 | 11450915 | 0.46 | cps |
| Indium | 115-1 | 12690050 | 12724874 | 12852915 | 12755947 | 0.67 | cps |
| Indium | 115-2 | 4946220 | 4943750 | 4903744 | 4931238 | 0.48 | cps |
| Iron | 56-2 | 1850331 | 1823109 | 1810288 | 1827909 | 1.12 | cps |
| Iron | 57-2 | 46890 | 45736 | 46629 | 46418 | 1.30 | cps |
| Iron | 54-2 | 103083 | 102922 | 101405 | 102470 | 0.90 | cps |
| Krypton | 83-1 | 170 | 210 | 200 | 193 | 10.77 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 17892 | 18429 | 18019 | 18113 | 1.55 | cps |
| Lead | 207-1 | 15839 | 16080 | 16307 | 16075 | 1.45 | cps |
| Lead | 208-1 | 71694 | 72753 | 72883 | 72443 | 0.90 | cps |
| Lithium | 6-1 | 2016128 | 2020135 | 1996854 | 2011039 | 0.62 | cps |
| Magnesium | 24-2 | 403056 | 403665 | 402980 | 403234 | 0.09 | cps |
| Manganese | 55-2 | 8272 | 8416 | 8529 | 8406 | 1.53 | cps |
| Molybdenum | 94-1 | 46032 | 46119 | 46654 | 46268 | 0.73 | cps |
| Molybdenum | 95-1 | 56214 | 57365 | 57221 | 56933 | 1.10 | cps |
| Molybdenum | 96-1 | 63232 | 64049 | 63634 | 63639 | 0.64 | cps |
| Molybdenum | 97-1 | 35142 | 34918 | 35239 | 35100 | 0.47 | cps |
| Molybdenum | 98-1 | 91300 | 91534 | 92326 | 91720 | 0.59 | cps |
| Neodymium | 150-1 | 10 | 23 | 3 | 12 | 83.33 | cps |
| Neodymium | 150-2 | 10 | 3 | 10 | 8 | 49.52 | cps |
| Nickel | 60-2 | 4277 | 4217 | 4114 | 4203 | 1.97 | cps |
| Phosphorus | 31-2 | 787 | 707 | 800 | 764 | 6.60 | cps |
| Potassium | 39-2 | 620633 | 623641 | 621666 | 621980 | 0.25 | cps |
| Rhodium | 103-1 | 11775642 | 11915476 | 11889667 | 11860262 | 0.63 | cps |
| Rhodium | 103-2 | 7216679 | 7191695 | 7198889 | 7202421 | 0.18 | cps |
| Scandium | 45-1 | 6833367 | 6919244 | 6898910 | 6883840 | 0.65 | cps |
| Scandium | 45-2 | 616211 | 614834 | 608983 | 613343 | 0.63 | cps |
| Selenium | 82-1 | 2048 | 2037 | 1913 | 1999 | 3.75 | cps |
| Selenium | 77-2 | 227 | 247 | 197 | 223 | 11.27 | cps |
| Selenium | 78-2 | 1027 | 1307 | 1127 | 1153 | 12.30 | cps |
| Silicon | 28-1 | 691283 | 698085 | 702870 | 697412 | 0.83 | cps |
| Silver | 107-1 | 29189 | 29781 | 29350 | 29440 | 1.04 | cps |
| Silver | 109-1 | 27763 | 28268 | 28164 | 28065 | 0.95 | cps |
| Sodium | 23-2 | 665755 | 661205 | 662916 | 663292 | 0.35 | cps |
| Strontium | 86-1 | 7779 | 7765 | 7585 | 7710 | 1.40 | cps |
| Strontium | 88-1 | 64471 | 63412 | 64149 | 64011 | 0.85 | cps |
| Sulfur | 34-1 | 187016 | 189624 | 190036 | 188892 | 0.87 | cps |
| Terbium | 159-1 | 15869344 | 16186243 | 16150041 | 16068543 | 1.08 | cps |
| Terbium | 159-2 | 11402202 | 11354508 | 11306195 | 11354301 | 0.42 | cps |
| Thallium | 203-1 | 22161 | 22519 | 22412 | 22364 | 0.82 | cps |
| Thallium | 205-1 | 52999 | 53832 | 52973 | 53268 | 0.92 | cps |
| Tin | 118-1 | 97648 | 98067 | 98155 | 97957 | 0.28 | cps |
| Titanium | 47-1 | 3504 | 3594 | 3454 | 3517 | 2.02 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 62844 | 62808 | 64224 | 63292 | 1.28 | cps |
| Vanadium | 51-2 | 42132 | 41544 | 41477 | 41717 | 0.86 | cps |
| Yttrium | 89-1 | 19086561 | 19322173 | 19457936 | 19288890 | 0.97 | cps |
| Yttrium | 89-2 | 5514608 | 5453476 | 5412818 | 5460301 | 0.94 | cps |
| Zinc | 66-2 | 9817 | 10007 | 9670 | 9831 | 1.72 | cps |
| Zirconium | 90-1 | 39052 | 39252 | 38818 | 39041 | 0.56 | cps |
| Zirconium | 91-1 | 8643 | 8386 | 8839 | 8623 | 2.64 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:21:27 | DataFile Name : | 065CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 270 | 303 | 337 | 303 | 10.99 | cps |
| Antimony | 121-1 | 107 | 163 | 110 | 127 | 25.11 | cps |
| Arsenic | 75-2 | 0 | 7 | 0 | 2 | 173.21 | cps |
| Barium | 135-1 | 93 | 87 | 60 | 80 | 22.05 | cps |
| Barium | 137-1 | 73 | 90 | 113 | 92 | 21.79 | cps |
| Beryllium | 9-1 | 83 | 63 | 90 | 79 | 17.59 | cps |
| Bismuth | 209-1 | 9642158 | 9593479 | 9560013 | 9598550 | 0.43 | cps |
| Bismuth | 209-2 | 8165900 | 8188169 | 8345820 | 8233296 | 1.19 | cps |
| Bromine | 81-1 | 14434 | 14704 | 14424 | 14521 | 1.09 | cps |
| Bromine | 81-2 | 93 | 140 | 167 | 133 | 27.84 | cps |
| Cadmium | 108-1 | 10 | 7 | 20 | 12 | 56.76 | cps |
| Cadmium | 106-1 | 4874 | 4651 | 4501 | 4675 | 4.02 | cps |
| Cadmium | 111-1 | 981 | 952 | 910 | 948 | 3.80 | cps |
| Calcium | 43-1 | 273 | 277 | 220 | 257 | 12.39 | cps |
| Calcium | 44-1 | 7158 | 6905 | 6998 | 7021 | 1.83 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1503 | 1347 | 1367 | 1406 | 6.07 | cps |
| Cobalt | 59-2 | 123 | 113 | 153 | 130 | 16.02 | cps |
| Copper | 63-2 | 1137 | 1237 | 1097 | 1157 | 6.23 | cps |
| Dysprosium | 156-1 | 0 | 13 | 17 | 10 | 88.20 | cps |
| Dysprosium | 156-2 | 7 | 10 | 7 | 8 | 24.71 | cps |
| Erbium | 164-1 | 83 | 53 | 53 | 63 | 27.35 | cps |
| Erbium | 164-2 | 57 | 47 | 57 | 53 | 10.82 | cps |
| Gadolinium | 160-1 | 67 | 43 | 57 | 56 | 21.08 | cps |
| Gadolinium | 160-2 | 630 | 693 | 657 | 660 | 4.82 | cps |
| Holmium | 165-1 | 15515242 | 15676858 | 15551347 | 15581149 | 0.54 | cps |
| Holmium | 165-2 | 11428249 | 11422244 | 11428307 | 11426267 | 0.03 | cps |
| Indium | 115-1 | 12855686 | 12749039 | 12870263 | 12824996 | 0.52 | cps |
| Indium | 115-2 | 4979318 | 4926441 | 4959258 | 4955006 | 0.54 | cps |
| Iron | 56-2 | 19196 | 19666 | 19269 | 19377 | 1.31 | cps |
| Iron | 57-2 | 1040 | 1093 | 1147 | 1093 | 4.88 | cps |
| Iron | 54-2 | 2437 | 2444 | 2460 | 2447 | 0.49 | cps |
| Krypton | 83-1 | 227 | 213 | 223 | 221 | 3.14 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:21:27 | DataFile Name : | 065CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 557 | 583 | 553 | 564 | 2.91 | cps |
| Lead | 207-1 | 570 | 490 | 460 | 507 | 11.22 | cps |
| Lead | 208-1 | 2387 | 2257 | 2100 | 2248 | 6.39 | cps |
| Lithium | 6-1 | 1998879 | 2022482 | 1984651 | 2002004 | 0.95 | cps |
| Magnesium | 24-2 | 870 | 920 | 917 | 902 | 3.10 | cps |
| Manganese | 55-2 | 603 | 667 | 687 | 652 | 6.67 | cps |
| Molybdenum | 94-1 | 1380 | 1387 | 1380 | 1382 | 0.28 | cps |
| Molybdenum | 95-1 | 230 | 213 | 123 | 189 | 30.38 | cps |
| Molybdenum | 96-1 | 533 | 453 | 440 | 476 | 10.61 | cps |
| Molybdenum | 97-1 | 130 | 147 | 143 | 140 | 6.30 | cps |
| Molybdenum | 98-1 | 360 | 343 | 363 | 356 | 3.01 | cps |
| Neodymium | 150-1 | 13 | 0 | 10 | 8 | 89.21 | cps |
| Neodymium | 150-2 | 7 | 0 | 3 | 3 | 100.05 | cps |
| Nickel | 60-2 | 480 | 430 | 450 | 453 | 5.55 | cps |
| Phosphorus | 31-2 | 160 | 140 | 143 | 148 | 7.25 | cps |
| Potassium | 39-2 | 56156 | 56287 | 56036 | 56160 | 0.22 | cps |
| Rhodium | 103-1 | 12029659 | 11813890 | 11827523 | 11890357 | 1.02 | cps |
| Rhodium | 103-2 | 7339319 | 7181274 | 7193853 | 7238149 | 1.21 | cps |
| Scandium | 45-1 | 7007462 | 6932011 | 6928830 | 6956101 | 0.64 | cps |
| Scandium | 45-2 | 618461 | 617469 | 612675 | 616202 | 0.50 | cps |
| Selenium | 82-1 | 129 | 127 | 116 | 124 | 5.60 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 473 | 453 | 443 | 457 | 3.35 | cps |
| Silicon | 28-1 | 598698 | 599784 | 599169 | 599217 | 0.09 | cps |
| Silver | 107-1 | 343 | 310 | 270 | 308 | 11.93 | cps |
| Silver | 109-1 | 250 | 230 | 180 | 220 | 16.39 | cps |
| Sodium | 23-2 | 20056 | 19820 | 20073 | 19983 | 0.71 | cps |
| Strontium | 86-1 | 333 | 357 | 380 | 357 | 6.54 | cps |
| Strontium | 88-1 | 383 | 363 | 287 | 344 | 14.81 | cps |
| Sulfur | 34-1 | 189121 | 187394 | 188956 | 188491 | 0.51 | cps |
| Terbium | 159-1 | 15988541 | 16225750 | 16026789 | 16080360 | 0.79 | cps |
| Terbium | 159-2 | 11344707 | 11418538 | 11217211 | 11326818 | 0.90 | cps |
| Thallium | 203-1 | 577 | 530 | 543 | 550 | 4.37 | cps |
| Thallium | 205-1 | 1237 | 1230 | 1320 | 1262 | 3.97 | cps |
| Tin | 118-1 | 1647 | 1593 | 1557 | 1599 | 2.83 | cps |
| Titanium | 47-1 | 100 | 90 | 77 | 89 | 13.17 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:21:27 | DataFile Name : | 065CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 23 | 37 | 43 | 34 | 29.57 | cps |
| Vanadium | 51-2 | 10 | 30 | 30 | 23 | 49.49 | cps |
| Yttrium | 89-1 | 19400684 | 19360630 | 19579354 | 19446889 | 0.60 | cps |
| Yttrium | 89-2 | 5488036 | 5408661 | 5396076 | 5430924 | 0.92 | cps |
| Zinc | 66-2 | 297 | 320 | 267 | 294 | 9.08 | cps |
| Zirconium | 90-1 | 3687 | 3600 | 3650 | 3646 | 1.19 | cps |
| Zirconium | 91-1 | 777 | 763 | 837 | 792 | 4.93 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12342 | 12195 | 12035 | 12190 | 1.26 | cps |
| Antimony | 121-1 | 50742 | 52442 | 52382 | 51855 | 1.86 | cps |
| Arsenic | 75-2 | 1463 | 1477 | 1580 | 1507 | 4.24 | cps |
| Barium | 135-1 | 63625 | 64106 | 63785 | 63839 | 0.38 | cps |
| Barium | 137-1 | 110609 | 111127 | 111012 | 110916 | 0.25 | cps |
| Beryllium | 9-1 | 3390 | 3430 | 3367 | 3396 | 0.94 | cps |
| Bismuth | 209-1 | 9788862 | 9600347 | 9482863 | 9624024 | 1.60 | cps |
| Bismuth | 209-2 | 8331293 | 8348859 | 8377059 | 8352404 | 0.28 | cps |
| Bromine | 81-1 | 14908 | 14951 | 14898 | 14919 | 0.19 | cps |
| Bromine | 81-2 | 133 | 140 | 147 | 140 | 4.76 | cps |
| Cadmium | 108-1 | 527 | 430 | 460 | 472 | 10.48 | cps |
| Cadmium | 106-1 | 5638 | 5514 | 5161 | 5438 | 4.55 | cps |
| Cadmium | 111-1 | 7714 | 7890 | 8156 | 7920 | 2.81 | cps |
| Calcium | 43-1 | 34930 | 34800 | 35401 | 35044 | 0.90 | cps |
| Calcium | 44-1 | 563358 | 566692 | 566831 | 565627 | 0.35 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 22410 | 21919 | 21752 | 22027 | 1.55 | cps |
| Cobalt | 59-2 | 16769 | 17070 | 17427 | 17089 | 1.93 | cps |
| Copper | 63-2 | 25442 | 25876 | 26063 | 25793 | 1.24 | cps |
| Dysprosium | 156-1 | 23 | 17 | 13 | 18 | 28.64 | cps |
| Dysprosium | 156-2 | 3 | 13 | 7 | 8 | 65.47 | cps |
| Erbium | 164-1 | 97 | 70 | 60 | 76 | 25.09 | cps |
| Erbium | 164-2 | 67 | 57 | 53 | 59 | 11.79 | cps |
| Gadolinium | 160-1 | 107 | 43 | 53 | 68 | 50.24 | cps |
| Gadolinium | 160-2 | 663 | 640 | 707 | 670 | 5.05 | cps |
| Holmium | 165-1 | 15926660 | 15694949 | 15550318 | 15723976 | 1.21 | cps |
| Holmium | 165-2 | 11696714 | 11636246 | 11535821 | 11622927 | 0.70 | cps |
| Indium | 115-1 | 13151808 | 12962746 | 12843980 | 12986178 | 1.20 | cps |
| Indium | 115-2 | 4983864 | 4978855 | 4948114 | 4970278 | 0.39 | cps |
| Iron | 56-2 | 2050830 | 2085838 | 2041860 | 2059510 | 1.13 | cps |
| Iron | 57-2 | 52254 | 52558 | 52973 | 52595 | 0.69 | cps |
| Iron | 54-2 | 115122 | 113792 | 114336 | 114417 | 0.58 | cps |
| Krypton | 83-1 | 183 | 177 | 200 | 187 | 6.44 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19958 | 19868 | 20192 | 20006 | 0.84 | cps |
| Lead | 207-1 | 17017 | 17168 | 17518 | 17234 | 1.49 | cps |
| Lead | 208-1 | 78663 | 78726 | 79788 | 79059 | 0.80 | cps |
| Lithium | 6-1 | 2067256 | 2013075 | 2024132 | 2034821 | 1.41 | cps |
| Magnesium | 24-2 | 454523 | 453673 | 452288 | 453495 | 0.25 | cps |
| Manganese | 55-2 | 9413 | 9286 | 9136 | 9278 | 1.49 | cps |
| Molybdenum | 94-1 | 52045 | 52651 | 52614 | 52437 | 0.65 | cps |
| Molybdenum | 95-1 | 62650 | 63657 | 63534 | 63280 | 0.87 | cps |
| Molybdenum | 96-1 | 69866 | 70740 | 70552 | 70386 | 0.65 | cps |
| Molybdenum | 97-1 | 39189 | 39904 | 40045 | 39713 | 1.16 | cps |
| Molybdenum | 98-1 | 100516 | 102295 | 102732 | 101847 | 1.15 | cps |
| Neodymium | 150-1 | 0 | 17 | 3 | 7 | 132.33 | cps |
| Neodymium | 150-2 | 10 | 0 | 23 | 11 | 105.35 | cps |
| Nickel | 60-2 | 4908 | 4804 | 4894 | 4869 | 1.15 | cps |
| Phosphorus | 31-2 | 910 | 877 | 907 | 898 | 2.05 | cps |
| Potassium | 39-2 | 700326 | 695599 | 695769 | 697231 | 0.38 | cps |
| Rhodium | 103-1 | 12291851 | 11955759 | 12040941 | 12096184 | 1.44 | cps |
| Rhodium | 103-2 | 7399902 | 7331950 | 7350495 | 7360783 | 0.48 | cps |
| Scandium | 45-1 | 7104355 | 6953312 | 7036471 | 7031380 | 1.08 | cps |
| Scandium | 45-2 | 632209 | 625880 | 633044 | 630378 | 0.62 | cps |
| Selenium | 82-1 | 2177 | 2245 | 2139 | 2187 | 2.46 | cps |
| Selenium | 77-2 | 230 | 177 | 203 | 203 | 13.11 | cps |
| Selenium | 78-2 | 1147 | 1197 | 1283 | 1209 | 5.72 | cps |
| Silicon | 28-1 | 731495 | 732658 | 736027 | 733394 | 0.32 | cps |
| Silver | 107-1 | 32012 | 32880 | 33686 | 32859 | 2.55 | cps |
| Silver | 109-1 | 31257 | 31788 | 31611 | 31552 | 0.86 | cps |
| Sodium | 23-2 | 742543 | 738906 | 742044 | 741165 | 0.27 | cps |
| Strontium | 86-1 | 8469 | 8553 | 8342 | 8455 | 1.25 | cps |
| Strontium | 88-1 | 70779 | 70960 | 70243 | 70661 | 0.53 | cps |
| Sulfur | 34-1 | 190688 | 193177 | 193559 | 192475 | 0.81 | cps |
| Terbium | 159-1 | 16442794 | 16084303 | 16210747 | 16245948 | 1.12 | cps |
| Terbium | 159-2 | 11398333 | 11480858 | 11361794 | 11413662 | 0.53 | cps |
| Thallium | 203-1 | 24509 | 24358 | 24265 | 24377 | 0.50 | cps |
| Thallium | 205-1 | 57009 | 57876 | 57762 | 57549 | 0.82 | cps |
| Tin | 118-1 | 107924 | 108622 | 108824 | 108457 | 0.44 | cps |
| Titanium | 47-1 | 3647 | 3757 | 3931 | 3778 | 3.78 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 68650 | 67962 | 69387 | 68666 | 1.04 | cps |
| Vanadium | 51-2 | 47388 | 46979 | 47317 | 47228 | 0.46 | cps |
| Yttrium | 89-1 | 19947942 | 19585548 | 19443395 | 19658962 | 1.32 | cps |
| Yttrium | 89-2 | 5593787 | 5533469 | 5537724 | 5554993 | 0.61 | cps |
| Zinc | 66-2 | 11034 | 11088 | 10971 | 11031 | 0.53 | cps |
| Zirconium | 90-1 | 43023 | 43812 | 43427 | 43421 | 0.91 | cps |
| Zirconium | 91-1 | 9220 | 9533 | 9647 | 9466 | 2.34 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8592154 | 8562263 | 8606889 | 8587102 | 0.26 | cps |
| Antimony | 121-1 | 2410 | 2524 | 2347 | 2427 | 3.69 | cps |
| Arsenic | 75-2 | 5544 | 5865 | 5514 | 5641 | 3.44 | cps |
| Barium | 135-1 | 326443 | 330487 | 333674 | 330201 | 1.10 | cps |
| Barium | 137-1 | 565427 | 576702 | 575571 | 572567 | 1.08 | cps |
| Beryllium | 9-1 | 1667 | 1680 | 1703 | 1683 | 1.10 | cps |
| Bismuth | 209-1 | 10086952 | 10064829 | 9737165 | 9962982 | 1.97 | cps |
| Bismuth | 209-2 | 8693505 | 8503304 | 8565928 | 8587579 | 1.13 | cps |
| Bromine | 81-1 | 20070 | 20377 | 20958 | 20469 | 2.20 | cps |
| Bromine | 81-2 | 1293 | 1240 | 1217 | 1250 | 3.14 | cps |
| Cadmium | 108-1 | 203 | 163 | 160 | 176 | 13.74 | cps |
| Cadmium | 106-1 | 5424 | 5544 | 5448 | 5472 | 1.16 | cps |
| Cadmium | 111-1 | 2000 | 2118 | 2097 | 2072 | 3.03 | cps |
| Calcium | 43-1 | 446072 | 452587 | 453757 | 450806 | 0.92 | cps |
| Calcium | 44-1 | 7044017 | 7088566 | 7098521 | 7077035 | 0.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 170336 | 168486 | 168698 | 169173 | 0.60 | cps |
| Cobalt | 59-2 | 278170 | 275088 | 275685 | 276315 | 0.59 | cps |
| Copper | 63-2 | 576904 | 568749 | 575352 | 573668 | 0.75 | cps |
| Dysprosium | 156-1 | 48718 | 49383 | 49249 | 49117 | 0.72 | cps |
| Dysprosium | 156-2 | 42116 | 41972 | 42293 | 42127 | 0.38 | cps |
| Erbium | 164-1 | 49882 | 50484 | 50009 | 50125 | 0.63 | cps |
| Erbium | 164-2 | 36087 | 36909 | 37159 | 36718 | 1.53 | cps |
| Gadolinium | 160-1 | 47437 | 48935 | 49229 | 48534 | 1.98 | cps |
| Gadolinium | 160-2 | 37804 | 37774 | 37787 | 37789 | 0.04 | cps |
| Holmium | 165-1 | 16691810 | 16597754 | 16603225 | 16630929 | 0.32 | cps |
| Holmium | 165-2 | 12196354 | 12249846 | 12177482 | 12207894 | 0.31 | cps |
| Indium | 115-1 | 13346182 | 13412576 | 13452316 | 13403691 | 0.40 | cps |
| Indium | 115-2 | 5256726 | 5143970 | 5148810 | 5183169 | 1.23 | cps |
| Iron | 56-2 | 262965843 | 258214323 | 261026469 | 260735545 | 0.92 | cps |
| Iron | 57-2 | 6511736 | 6427430 | 6392637 | 6443934 | 0.95 | cps |
| Iron | 54-2 | 14312344 | 14002547 | 14163987 | 14159626 | 1.09 | cps |
| Krypton | 83-1 | 253 | 280 | 297 | 277 | 7.90 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 935821 | 953877 | 955634 | 948444 | 1.16 | cps |
| Lead | 207-1 | 783150 | 795763 | 795298 | 791403 | 0.90 | cps |
| Lead | 208-1 | 3773355 | 3812385 | 3809976 | 3798572 | 0.58 | cps |
| Lithium | 6-1 | 2101990 | 2138407 | 2081280 | 2107226 | 1.37 | cps |
| Magnesium | 24-2 | 6757456 | 6641939 | 6749908 | 6716434 | 0.96 | cps |
| Manganese | 55-2 | 3844874 | 3790766 | 3800253 | 3811964 | 0.76 | cps |
| Molybdenum | 94-1 | 47498 | 48240 | 47671 | 47803 | 0.81 | cps |
| Molybdenum | 95-1 | 6957 | 5798 | 5461 | 6072 | 12.92 | cps |
| Molybdenum | 96-1 | 17666 | 16252 | 16179 | 16699 | 5.02 | cps |
| Molybdenum | 97-1 | 4024 | 3674 | 3694 | 3797 | 5.18 | cps |
| Molybdenum | 98-1 | 9829 | 8973 | 8709 | 9170 | 6.38 | cps |
| Neodymium | 150-1 | 71064 | 72354 | 71963 | 71794 | 0.92 | cps |
| Neodymium | 150-2 | 45383 | 45426 | 45088 | 45299 | 0.41 | cps |
| Nickel | 60-2 | 87004 | 86427 | 84459 | 85963 | 1.55 | cps |
| Phosphorus | 31-2 | 11608 | 12005 | 11511 | 11708 | 2.23 | cps |
| Potassium | 39-2 | 671834 | 666586 | 665313 | 667911 | 0.52 | cps |
| Rhodium | 103-1 | 12533604 | 12591239 | 12578677 | 12567840 | 0.24 | cps |
| Rhodium | 103-2 | 7703746 | 7595897 | 7632970 | 7644204 | 0.72 | cps |
| Scandium | 45-1 | 7599035 | 7710138 | 7697512 | 7668895 | 0.79 | cps |
| Scandium | 45-2 | 690733 | 685534 | 684826 | 687031 | 0.47 | cps |
| Selenium | 82-1 | 275 | 202 | 257 | 244 | 15.64 | cps |
| Selenium | 77-2 | 120 | 140 | 113 | 124 | 11.15 | cps |
| Selenium | 78-2 | 520 | 637 | 660 | 606 | 12.39 | cps |
| Silicon | 28-1 | 12918321 | 13266860 | 13256101 | 13147094 | 1.51 | cps |
| Silver | 107-1 | 2887 | 2117 | 1837 | 2280 | 23.85 | cps |
| Silver | 109-1 | 2637 | 1723 | 1530 | 1963 | 30.11 | cps |
| Sodium | 23-2 | 217498 | 215851 | 217210 | 216853 | 0.41 | cps |
| Strontium | 86-1 | 301936 | 303788 | 308288 | 304671 | 1.07 | cps |
| Strontium | 88-1 | 2698510 | 2756887 | 2777890 | 2744429 | 1.50 | cps |
| Sulfur | 34-1 | 187269 | 183557 | 180127 | 183651 | 1.94 | cps |
| Terbium | 159-1 | 17139288 | 17303606 | 16926451 | 17123115 | 1.10 | cps |
| Terbium | 159-2 | 12028077 | 11890986 | 11984514 | 11967859 | 0.59 | cps |
| Thallium | 203-1 | 2944 | 2557 | 2687 | 2729 | 7.21 | cps |
| Thallium | 205-1 | 7245 | 6328 | 6025 | 6533 | 9.73 | cps |
| Tin | 118-1 | 21269 | 21249 | 20855 | 21124 | 1.10 | cps |
| Titanium | 47-1 | 411972 | 407882 | 411804 | 410553 | 0.56 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 38238 | 38649 | 37947 | 38278 | 0.92 | cps |
| Vanadium | 51-2 | 584500 | 578251 | 582313 | 581688 | 0.55 | cps |
| Yttrium | 89-1 | 21141965 | 21668667 | 21563030 | 21457887 | 1.30 | cps |
| Yttrium | 89-2 | 6105083 | 5962033 | 6019383 | 6028833 | 1.19 | cps |
| Zinc | 66-2 | 126574 | 126449 | 126197 | 126407 | 0.15 | cps |
| Zirconium | 90-1 | 117781 | 121519 | 121182 | 120161 | 1.72 | cps |
| Zirconium | 91-1 | 26448 | 26327 | 26397 | 26391 | 0.23 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:31:20 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8317629 | 8496515 | 8409537 | 8407894 | 1.06 | cps |
| Antimony | 121-1 | 2584 | 2457 | 2560 | 2534 | 2.66 | cps |
| Arsenic | 75-2 | 5905 | 5631 | 5848 | 5795 | 2.49 | cps |
| Barium | 135-1 | 327164 | 332588 | 330827 | 330193 | 0.84 | cps |
| Barium | 137-1 | 583514 | 573503 | 575858 | 577625 | 0.91 | cps |
| Beryllium | 9-1 | 1697 | 1713 | 1710 | 1707 | 0.52 | cps |
| Bismuth | 209-1 | 10016295 | 10004432 | 9904243 | 9974990 | 0.62 | cps |
| Bismuth | 209-2 | 8534356 | 8529382 | 8486239 | 8516659 | 0.31 | cps |
| Bromine | 81-1 | 19720 | 20080 | 20821 | 20207 | 2.78 | cps |
| Bromine | 81-2 | 1257 | 1330 | 1193 | 1260 | 5.43 | cps |
| Cadmium | 108-1 | 167 | 200 | 180 | 182 | 9.21 | cps |
| Cadmium | 106-1 | 5351 | 5191 | 5474 | 5339 | 2.66 | cps |
| Cadmium | 111-1 | 2079 | 2030 | 2016 | 2041 | 1.61 | cps |
| Calcium | 43-1 | 447242 | 445048 | 444244 | 445511 | 0.35 | cps |
| Calcium | 44-1 | 6961226 | 7033886 | 7001088 | 6998733 | 0.52 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 166433 | 165402 | 165123 | 165653 | 0.42 | cps |
| Cobalt | 59-2 | 271264 | 271334 | 271399 | 271332 | 0.03 | cps |
| Copper | 63-2 | 563735 | 568546 | 568378 | 566886 | 0.48 | cps |
| Dysprosium | 156-1 | 49002 | 49350 | 49885 | 49412 | 0.90 | cps |
| Dysprosium | 156-2 | 41545 | 42190 | 42086 | 41940 | 0.83 | cps |
| Erbium | 164-1 | 49196 | 49698 | 50143 | 49679 | 0.95 | cps |
| Erbium | 164-2 | 36655 | 36103 | 35635 | 36131 | 1.41 | cps |
| Gadolinium | 160-1 | 49059 | 48647 | 48306 | 48671 | 0.77 | cps |
| Gadolinium | 160-2 | 36304 | 37216 | 37269 | 36930 | 1.47 | cps |
| Holmium | 165-1 | 16910997 | 16794731 | 16722959 | 16809563 | 0.56 | cps |
| Holmium | 165-2 | 12101192 | 12161050 | 12164233 | 12142158 | 0.29 | cps |
| Indium | 115-1 | 13516626 | 13606365 | 13570043 | 13564345 | 0.33 | cps |
| Indium | 115-2 | 5148163 | 5178939 | 5165618 | 5164240 | 0.30 | cps |
| Iron | 56-2 | 256071270 | 257608589 | 254780116 | 256153325 | 0.55 | cps |
| Iron | 57-2 | 6382731 | 6323665 | 6344979 | 6350458 | 0.47 | cps |
| Iron | 54-2 | 13988962 | 14031178 | 13940098 | 13986746 | 0.33 | cps |
| Krypton | 83-1 | 247 | 310 | 280 | 279 | 11.36 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:31:20 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 944526 | 955400 | 954323 | 951416 | 0.63 | cps |
| Lead | 207-1 | 795311 | 810299 | 799800 | 801803 | 0.96 | cps |
| Lead | 208-1 | 3791773 | 3870333 | 3820091 | 3827399 | 1.04 | cps |
| Lithium | 6-1 | 2109565 | 2082694 | 2050874 | 2081044 | 1.41 | cps |
| Magnesium | 24-2 | 6530340 | 6603811 | 6549391 | 6561180 | 0.58 | cps |
| Manganese | 55-2 | 3719990 | 3748328 | 3718690 | 3729003 | 0.45 | cps |
| Molybdenum | 94-1 | 45584 | 47952 | 47039 | 46858 | 2.55 | cps |
| Molybdenum | 95-1 | 5588 | 5454 | 5461 | 5501 | 1.37 | cps |
| Molybdenum | 96-1 | 16226 | 16286 | 16313 | 16275 | 0.27 | cps |
| Molybdenum | 97-1 | 3460 | 3494 | 3574 | 3509 | 1.66 | cps |
| Molybdenum | 98-1 | 8406 | 8893 | 8879 | 8726 | 3.18 | cps |
| Neodymium | 150-1 | 72646 | 72482 | 73135 | 72754 | 0.47 | cps |
| Neodymium | 150-2 | 44339 | 44998 | 43932 | 44423 | 1.21 | cps |
| Nickel | 60-2 | 84976 | 84948 | 83883 | 84602 | 0.74 | cps |
| Phosphorus | 31-2 | 11558 | 11481 | 10827 | 11289 | 3.56 | cps |
| Potassium | 39-2 | 659918 | 658317 | 650278 | 656171 | 0.79 | cps |
| Rhodium | 103-1 | 12688579 | 12597310 | 12551886 | 12612591 | 0.55 | cps |
| Rhodium | 103-2 | 7648269 | 7710062 | 7599564 | 7652632 | 0.72 | cps |
| Scandium | 45-1 | 7620421 | 7675594 | 7573236 | 7623083 | 0.67 | cps |
| Scandium | 45-2 | 678035 | 683638 | 672215 | 677963 | 0.84 | cps |
| Selenium | 82-1 | 337 | 279 | 208 | 275 | 23.62 | cps |
| Selenium | 77-2 | 127 | 147 | 130 | 134 | 7.97 | cps |
| Selenium | 78-2 | 527 | 520 | 653 | 567 | 13.26 | cps |
| Silicon | 28-1 | 13509982 | 13144992 | 13214305 | 13289760 | 1.46 | cps |
| Silver | 107-1 | 1477 | 1450 | 1323 | 1417 | 5.78 | cps |
| Silver | 109-1 | 1210 | 1237 | 1280 | 1242 | 2.84 | cps |
| Sodium | 23-2 | 215759 | 217389 | 216138 | 216429 | 0.39 | cps |
| Strontium | 86-1 | 304907 | 306032 | 304390 | 305109 | 0.28 | cps |
| Strontium | 88-1 | 2727145 | 2720804 | 2752744 | 2733565 | 0.62 | cps |
| Sulfur | 34-1 | 173047 | 170322 | 168198 | 170522 | 1.43 | cps |
| Terbium | 159-1 | 17530395 | 17315211 | 17299269 | 17381625 | 0.74 | cps |
| Terbium | 159-2 | 11865355 | 11966131 | 12030217 | 11953901 | 0.70 | cps |
| Thallium | 203-1 | 2204 | 2197 | 2374 | 2258 | 4.44 | cps |
| Thallium | 205-1 | 5411 | 5381 | 5535 | 5442 | 1.49 | cps |
| Tin | 118-1 | 20418 | 20995 | 21202 | 20872 | 1.95 | cps |
| Titanium | 47-1 | 401087 | 404076 | 400716 | 401960 | 0.46 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:31:20 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 38345 | 38325 | 38743 | 38471 | 0.61 | cps |
| Vanadium | 51-2 | 576439 | 578811 | 572932 | 576060 | 0.51 | cps |
| Yttrium | 89-1 | 21618523 | 21504962 | 21533459 | 21552315 | 0.27 | cps |
| Yttrium | 89-2 | 6064083 | 5989241 | 5984057 | 6012460 | 0.74 | cps |
| Zinc | 66-2 | 124197 | 124141 | 124772 | 124370 | 0.28 | cps |
| Zirconium | 90-1 | 120543 | 120764 | 118702 | 120003 | 0.94 | cps |
| Zirconium | 91-1 | 26277 | 26150 | 26983 | 26470 | 1.69 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:34:33 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1593946 | 1592286 | 1603790 | 1596674 | 0.39 | cps |
| Antimony | 121-1 | 245492 | 245572 | 246265 | 245776 | 0.17 | cps |
| Arsenic | 75-2 | 1157 | 1113 | 1073 | 1114 | 3.74 | cps |
| Barium | 135-1 | 63785 | 62446 | 61904 | 62712 | 1.54 | cps |
| Barium | 137-1 | 109013 | 109759 | 108970 | 109248 | 0.41 | cps |
| Beryllium | 9-1 | 353 | 377 | 413 | 381 | 7.94 | cps |
| Bismuth | 209-1 | 9997939 | 9879373 | 9802514 | 9893275 | 1.00 | cps |
| Bismuth | 209-2 | 8455832 | 8461805 | 8417226 | 8444954 | 0.29 | cps |
| Bromine | 81-1 | 15281 | 16065 | 15879 | 15742 | 2.60 | cps |
| Bromine | 81-2 | 397 | 403 | 343 | 381 | 8.63 | cps |
| Cadmium | 108-1 | 20 | 53 | 60 | 44 | 48.22 | cps |
| Cadmium | 106-1 | 4727 | 4771 | 4761 | 4753 | 0.48 | cps |
| Cadmium | 111-1 | 1221 | 1167 | 1137 | 1175 | 3.64 | cps |
| Calcium | 43-1 | 85217 | 84098 | 83571 | 84295 | 1.00 | cps |
| Calcium | 44-1 | 1347905 | 1321213 | 1349587 | 1339568 | 1.19 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 33196 | 32555 | 32024 | 32592 | 1.80 | cps |
| Cobalt | 59-2 | 51842 | 51240 | 50715 | 51266 | 1.10 | cps |
| Copper | 63-2 | 109033 | 109030 | 107734 | 108599 | 0.69 | cps |
| Dysprosium | 156-1 | 9557 | 9143 | 9370 | 9357 | 2.21 | cps |
| Dysprosium | 156-2 | 8136 | 7812 | 7936 | 7961 | 2.05 | cps |
| Erbium | 164-1 | 9276 | 9250 | 9230 | 9252 | 0.25 | cps |
| Erbium | 164-2 | 7099 | 6865 | 6802 | 6922 | 2.26 | cps |
| Gadolinium | 160-1 | 9236 | 9216 | 9086 | 9180 | 0.89 | cps |
| Gadolinium | 160-2 | 7739 | 7555 | 7786 | 7693 | 1.58 | cps |
| Holmium | 165-1 | 16239007 | 16374201 | 16482575 | 16365261 | 0.75 | cps |
| Holmium | 165-2 | 11791857 | 11792676 | 11876096 | 11820210 | 0.41 | cps |
| Indium | 115-1 | 13349847 | 13320539 | 13377333 | 13349240 | 0.21 | cps |
| Indium | 115-2 | 5064207 | 5078684 | 4988234 | 5043708 | 0.96 | cps |
| Iron | 56-2 | 48328324 | 48293048 | 48160379 | 48260584 | 0.18 | cps |
| Iron | 57-2 | 1208552 | 1211574 | 1208985 | 1209704 | 0.14 | cps |
| Iron | 54-2 | 2654242 | 2660921 | 2657118 | 2657427 | 0.13 | cps |
| Krypton | 83-1 | 210 | 183 | 203 | 199 | 6.98 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:34:33 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 181027 | 181562 | 181656 | 181415 | 0.19 | cps |
| Lead | 207-1 | 153227 | 153517 | 150558 | 152434 | 1.07 | cps |
| Lead | 208-1 | 703350 | 709324 | 699979 | 704218 | 0.67 | cps |
| Lithium | 6-1 | 2017221 | 2046331 | 2020435 | 2027996 | 0.79 | cps |
| Magnesium | 24-2 | 1227576 | 1229217 | 1224019 | 1226937 | 0.22 | cps |
| Manganese | 55-2 | 693841 | 691624 | 692015 | 692493 | 0.17 | cps |
| Molybdenum | 94-1 | 8973 | 8606 | 8249 | 8609 | 4.20 | cps |
| Molybdenum | 95-1 | 1187 | 1137 | 1210 | 1178 | 3.18 | cps |
| Molybdenum | 96-1 | 3277 | 3254 | 3267 | 3266 | 0.36 | cps |
| Molybdenum | 97-1 | 800 | 723 | 743 | 756 | 5.26 | cps |
| Molybdenum | 98-1 | 1827 | 2117 | 1993 | 1979 | 7.36 | cps |
| Neodymium | 150-1 | 13617 | 13950 | 13960 | 13842 | 1.41 | cps |
| Neodymium | 150-2 | 8346 | 8576 | 8676 | 8533 | 1.98 | cps |
| Nickel | 60-2 | 16309 | 16659 | 16049 | 16339 | 1.88 | cps |
| Phosphorus | 31-2 | 6065 | 5975 | 6015 | 6018 | 0.75 | cps |
| Potassium | 39-2 | 420357 | 417016 | 417067 | 418146 | 0.46 | cps |
| Rhodium | 103-1 | 12450511 | 12227987 | 12303764 | 12327421 | 0.92 | cps |
| Rhodium | 103-2 | 7391778 | 7452554 | 7466310 | 7436881 | 0.53 | cps |
| Scandium | 45-1 | 7294035 | 7144281 | 7190121 | 7209479 | 1.06 | cps |
| Scandium | 45-2 | 638006 | 634604 | 637644 | 636751 | 0.29 | cps |
| Selenium | 82-1 | 182 | 211 | 141 | 178 | 19.94 | cps |
| Selenium | 77-2 | 43 | 23 | 23 | 30 | 38.49 | cps |
| Selenium | 78-2 | 550 | 490 | 463 | 501 | 8.86 | cps |
| Silicon | 28-1 | 3300550 | 3074679 | 3035856 | 3137028 | 4.56 | cps |
| Silver | 107-1 | 377 | 363 | 330 | 357 | 6.74 | cps |
| Silver | 109-1 | 273 | 283 | 307 | 288 | 5.94 | cps |
| Sodium | 23-2 | 73675 | 72921 | 74124 | 73573 | 0.83 | cps |
| Strontium | 86-1 | 57950 | 57251 | 58342 | 57848 | 0.96 | cps |
| Strontium | 88-1 | 499388 | 497044 | 497585 | 498005 | 0.25 | cps |
| Sulfur | 34-1 | 156350 | 154734 | 153115 | 154733 | 1.05 | cps |
| Terbium | 159-1 | 16974351 | 16658729 | 16681449 | 16771510 | 1.05 | cps |
| Terbium | 159-2 | 11649119 | 11760749 | 11911490 | 11773786 | 1.12 | cps |
| Thallium | 203-1 | 793 | 640 | 717 | 717 | 10.70 | cps |
| Thallium | 205-1 | 1890 | 1753 | 1680 | 1775 | 6.01 | cps |
| Tin | 118-1 | 5208 | 5111 | 5244 | 5188 | 1.33 | cps |
| Titanium | 47-1 | 75354 | 75297 | 77319 | 75990 | 1.52 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:34:33 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7229 | 7322 | 7272 | 7274 | 0.64 | cps |
| Vanadium | 51-2 | 107996 | 107250 | 107630 | 107625 | 0.35 | cps |
| Yttrium | 89-1 | 20597071 | 20090470 | 20039298 | 20242280 | 1.52 | cps |
| Yttrium | 89-2 | 5624826 | 5659500 | 5570654 | 5618327 | 0.80 | cps |
| Zinc | 66-2 | 24657 | 23692 | 24457 | 24269 | 2.10 | cps |
| Zirconium | 90-1 | 21396 | 21676 | 21409 | 21494 | 0.74 | cps |
| Zirconium | 91-1 | 4314 | 4744 | 4677 | 4579 | 5.06 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:37:49 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8340603 | 8287302 | 8330716 | 8319540 | 0.34 | cps |
| Antimony | 121-1 | 2540 | 2377 | 2484 | 2467 | 3.36 | cps |
| Arsenic | 75-2 | 153568 | 152346 | 151648 | 152521 | 0.64 | cps |
| Barium | 135-1 | 1719543 | 1762590 | 1691210 | 1724447 | 2.08 | cps |
| Barium | 137-1 | 2982418 | 2973040 | 2929464 | 2961641 | 0.95 | cps |
| Beryllium | 9-1 | 17073 | 17904 | 17150 | 17375 | 2.64 | cps |
| Bismuth | 209-1 | 10184123 | 10358715 | 10104392 | 10215744 | 1.27 | cps |
| Bismuth | 209-2 | 8557520 | 8498081 | 8430296 | 8495299 | 0.75 | cps |
| Bromine | 81-1 | 19540 | 19763 | 19777 | 19693 | 0.68 | cps |
| Bromine | 81-2 | 1273 | 1217 | 1217 | 1236 | 2.65 | cps |
| Cadmium | 108-1 | 22377 | 23042 | 22828 | 22749 | 1.49 | cps |
| Cadmium | 106-1 | 36242 | 36402 | 36613 | 36419 | 0.51 | cps |
| Cadmium | 111-1 | 332039 | 331148 | 332321 | 331836 | 0.18 | cps |
| Calcium | 43-1 | 441268 | 445614 | 439644 | 442175 | 0.70 | cps |
| Calcium | 44-1 | 6918352 | 6928023 | 6864671 | 6903682 | 0.49 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 374273 | 375807 | 376201 | 375427 | 0.27 | cps |
| Cobalt | 59-2 | 1100660 | 1093070 | 1088697 | 1094142 | 0.55 | cps |
| Copper | 63-2 | 847238 | 848115 | 843200 | 846184 | 0.31 | cps |
| Dysprosium | 156-1 | 48828 | 48808 | 49457 | 49031 | 0.75 | cps |
| Dysprosium | 156-2 | 41531 | 41173 | 41468 | 41391 | 0.46 | cps |
| Erbium | 164-1 | 50394 | 50300 | 49437 | 50044 | 1.05 | cps |
| Erbium | 164-2 | 36511 | 36304 | 36554 | 36456 | 0.37 | cps |
| Gadolinium | 160-1 | 47965 | 48333 | 48049 | 48116 | 0.40 | cps |
| Gadolinium | 160-2 | 37152 | 36905 | 36601 | 36886 | 0.75 | cps |
| Holmium | 165-1 | 16927372 | 17105420 | 16759313 | 16930702 | 1.02 | cps |
| Holmium | 165-2 | 12149765 | 12012626 | 12033938 | 12065443 | 0.61 | cps |
| Indium | 115-1 | 13557924 | 13410359 | 13490986 | 13486423 | 0.55 | cps |
| Indium | 115-2 | 5153893 | 5124172 | 5126263 | 5134776 | 0.32 | cps |
| Iron | 56-2 | 255366096 | 254132203 | 252783636 | 254093978 | 0.51 | cps |
| Iron | 57-2 | 6216925 | 6221632 | 6217553 | 6218704 | 0.04 | cps |
| Iron | 54-2 | 13887628 | 13710564 | 13714413 | 13770868 | 0.73 | cps |
| Krypton | 83-1 | 243 | 297 | 337 | 292 | 16.02 | cps |



1700

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:37:49 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2762061 | 2828517 | 2812704 | 2801094 | 1.24 | cps |
| Lead | 207-1 | 2288017 | 2334246 | 2350996 | 2324419 | 1.40 | cps |
| Lead | 208-1 | 10727060 | 10870368 | 10830446 | 10809292 | 0.68 | cps |
| Lithium | 6-1 | 2058899 | 2118983 | 2067009 | 2081630 | 1.57 | cps |
| Magnesium | 24-2 | 6471938 | 6462399 | 6412156 | 6448831 | 0.50 | cps |
| Manganese | 55-2 | 4115860 | 4105831 | 4118801 | 4113498 | 0.17 | cps |
| Molybdenum | 94-1 | 54190 | 54250 | 53544 | 53995 | 0.72 | cps |
| Molybdenum | 95-1 | 18859 | 18585 | 18782 | 18742 | 0.75 | cps |
| Molybdenum | 96-1 | 29847 | 30632 | 29914 | 30131 | 1.44 | cps |
| Molybdenum | 97-1 | 11565 | 11468 | 11782 | 11605 | 1.38 | cps |
| Molybdenum | 98-1 | 29306 | 29914 | 29650 | 29623 | 1.03 | cps |
| Neodymium | 150-1 | 73011 | 72602 | 72377 | 72663 | 0.44 | cps |
| Neodymium | 150-2 | 44584 | 44714 | 44533 | 44610 | 0.21 | cps |
| Nickel | 60-2 | 292535 | 293864 | 291203 | 292534 | 0.45 | cps |
| Phosphorus | 31-2 | 11434 | 11254 | 11047 | 11245 | 1.72 | cps |
| Potassium | 39-2 | 643231 | 642949 | 642750 | 642977 | 0.04 | cps |
| Rhodium | 103-1 | 12501531 | 12486004 | 12523024 | 12503520 | 0.15 | cps |
| Rhodium | 103-2 | 7645602 | 7495118 | 7558614 | 7566445 | 1.00 | cps |
| Scandium | 45-1 | 7627091 | 7572283 | 7561226 | 7586867 | 0.46 | cps |
| Scandium | 45-2 | 675740 | 667751 | 668433 | 670641 | 0.66 | cps |
| Selenium | 82-1 | 46361 | 47200 | 47125 | 46895 | 0.99 | cps |
| Selenium | 77-2 | 5344 | 5581 | 5428 | 5451 | 2.20 | cps |
| Selenium | 78-2 | 17611 | 18218 | 17901 | 17910 | 1.70 | cps |
| Silicon | 28-1 | 12976862 | 13135459 | 13104702 | 13072341 | 0.64 | cps |
| Silver | 107-1 | 162070 | 167622 | 165754 | 165149 | 1.71 | cps |
| Silver | 109-1 | 154924 | 159082 | 158677 | 157561 | 1.46 | cps |
| Sodium | 23-2 | 211289 | 210580 | 213262 | 211710 | 0.66 | cps |
| Strontium | 86-1 | 299617 | 302998 | 303841 | 302152 | 0.74 | cps |
| Strontium | 88-1 | 2693830 | 2723455 | 2705556 | 2707614 | 0.55 | cps |
| Sulfur | 34-1 | 163454 | 161853 | 163406 | 162904 | 0.56 | cps |
| Terbium | 159-1 | 17389136 | 17280830 | 17124718 | 17264894 | 0.77 | cps |
| Terbium | 159-2 | 11974656 | 11936032 | 11986730 | 11965806 | 0.22 | cps |
| Thallium | 203-1 | 2343207 | 2339289 | 2353793 | 2345429 | 0.32 | cps |
| Thallium | 205-1 | 5526944 | 5649196 | 5635009 | 5603716 | 1.19 | cps |
| Tin | 118-1 | 20889 | 20989 | 20268 | 20715 | 1.89 | cps |
| Titanium | 47-1 | 396315 | 408571 | 399052 | 401312 | 1.60 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:37:49 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 38071 | 38726 | 38596 | 38464 | 0.90 | cps |
| Vanadium | 51-2 | 1033422 | 1024189 | 1020863 | 1026158 | 0.63 | cps |
| Yttrium | 89-1 | 21614120 | 21719220 | 21314636 | 21549325 | 0.97 | cps |
| Yttrium | 89-2 | 5926511 | 5981921 | 5991181 | 5966537 | 0.59 | cps |
| Zinc | 66-2 | 227406 | 226440 | 225548 | 226464 | 0.41 | cps |
| Zirconium | 90-1 | 116736 | 118817 | 117987 | 117847 | 0.89 | cps |
| Zirconium | 91-1 | 25986 | 27555 | 27182 | 26908 | 3.05 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:40:56 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4528230 | 4527726 | 4581899 | 4545952 | 0.68 | cps |
| Antimony | 121-1 | 29250090 | 29313570 | 29322712 | 29295457 | 0.14 | cps |
| Arsenic | 75-2 | 4069385 | 3993692 | 4041459 | 4034845 | 0.95 | cps |
| Barium | 135-1 | 675877 | 684689 | 684550 | 681705 | 0.74 | cps |
| Barium | 137-1 | 1180417 | 1191553 | 1193080 | 1188350 | 0.58 | cps |
| Beryllium | 9-1 | 2187 | 2040 | 2090 | 2106 | 3.54 | cps |
| Bismuth | 209-1 | 10301440 | 10337091 | 10289286 | 10309273 | 0.24 | cps |
| Bismuth | 209-2 | 8705347 | 8698022 | 8668052 | 8690474 | 0.23 | cps |
| Bromine | 81-1 | 40061 | 42564 | 43490 | 42039 | 4.22 | cps |
| Bromine | 81-2 | 5988 | 5788 | 5821 | 5866 | 1.83 | cps |
| Cadmium | 108-1 | 3620 | 3674 | 3577 | 3624 | 1.34 | cps |
| Cadmium | 106-1 | 9750 | 9707 | 9847 | 9768 | 0.73 | cps |
| Cadmium | 111-1 | 29768 | 29577 | 29816 | 29720 | 0.43 | cps |
| Calcium | 43-1 | 1591452 | 1640968 | 1605615 | 1612678 | 1.58 | cps |
| Calcium | 44-1 | 25376708 | 26061822 | 26088592 | 25842374 | 1.56 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 645905 | 642404 | 642847 | 643718 | 0.30 | cps |
| Cobalt | 59-2 | 1586457 | 1590027 | 1586951 | 1587812 | 0.12 | cps |
| Copper | 63-2 | 13264473 | 13045087 | 13116369 | 13141976 | 0.85 | cps |
| Dysprosium | 156-1 | 28693 | 28856 | 29197 | 28915 | 0.89 | cps |
| Dysprosium | 156-2 | 25336 | 25410 | 25457 | 25401 | 0.24 | cps |
| Erbium | 164-1 | 28586 | 28930 | 28763 | 28760 | 0.60 | cps |
| Erbium | 164-2 | 20629 | 20599 | 20886 | 20704 | 0.76 | cps |
| Gadolinium | 160-1 | 28195 | 28422 | 28322 | 28313 | 0.40 | cps |
| Gadolinium | 160-2 | 22598 | 22064 | 22044 | 22235 | 1.41 | cps |
| Holmium | 165-1 | 16788174 | 16687426 | 16767414 | 16747671 | 0.32 | cps |
| Holmium | 165-2 | 12106453 | 12034777 | 12060074 | 12067101 | 0.30 | cps |
| Indium | 115-1 | 15341144 | 15521988 | 15570806 | 15477979 | 0.78 | cps |
| Indium | 115-2 | 5892400 | 5981426 | 5960775 | 5944867 | 0.78 | cps |
| Iron | 56-2 | 832289161 | 836850281 | 839216681 | 836118708 | 0.42 | cps |
| Iron | 57-2 | 20753588 | 20805785 | 20887039 | 20815470 | 0.32 | cps |
| Iron | 54-2 | 45560559 | 45481403 | 45808278 | 45616747 | 0.37 | cps |
| Krypton | 83-1 | 217 | 240 | 213 | 223 | 6.50 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:40:56 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 33827103 | 34251423 | 33302140 | 33793555 | 1.41 | cps |
| Lead | 207-1 | 29233807 | 29877068 | 29232443 | 29447773 | 1.26 | cps |
| Lead | 208-1 | 133535804 | 135766688 | 133239607 | 134180700 | 1.03 | cps |
| Lithium | 6-1 | 2017725 | 2036967 | 2031481 | 2028724 | 0.49 | cps |
| Magnesium | 24-2 | 3227940 | 3203801 | 3228330 | 3220023 | 0.44 | cps |
| Manganese | 55-2 | 3045703 | 3020584 | 3088977 | 3051755 | 1.13 | cps |
| Molybdenum | 94-1 | 1692369 | 1695004 | 1710642 | 1699338 | 0.58 | cps |
| Molybdenum | 95-1 | 2752946 | 2778728 | 2786103 | 2772592 | 0.63 | cps |
| Molybdenum | 96-1 | 3004315 | 3063841 | 3035531 | 3034562 | 0.98 | cps |
| Molybdenum | 97-1 | 1693587 | 1732329 | 1708705 | 1711540 | 1.14 | cps |
| Molybdenum | 98-1 | 4434748 | 4461502 | 4403885 | 4433378 | 0.65 | cps |
| Neodymium | 150-1 | 44159 | 45232 | 46065 | 45152 | 2.12 | cps |
| Neodymium | 150-2 | 27637 | 27664 | 28145 | 27815 | 1.03 | cps |
| Nickel | 60-2 | 158329 | 158575 | 157743 | 158215 | 0.27 | cps |
| Phosphorus | 31-2 | 14917 | 15702 | 14947 | 15189 | 2.93 | cps |
| Potassium | 39-2 | 2279859 | 2285366 | 2312131 | 2292452 | 0.75 | cps |
| Rhodium | 103-1 | 12531393 | 12394911 | 12485811 | 12470705 | 0.56 | cps |
| Rhodium | 103-2 | 7572931 | 7627513 | 7637567 | 7612670 | 0.46 | cps |
| Scandium | 45-1 | 7437454 | 7434119 | 7432451 | 7434674 | 0.03 | cps |
| Scandium | 45-2 | 669676 | 678048 | 679521 | 675749 | 0.79 | cps |
| Selenium | 82-1 | 868 | 823 | 866 | 852 | 3.01 | cps |
| Selenium | 77-2 | 150 | 143 | 133 | 142 | 5.90 | cps |
| Selenium | 78-2 | 817 | 723 | 787 | 776 | 6.14 | cps |
| Silicon | 28-1 | 50321339 | 51262768 | 51204196 | 50929434 | 1.04 | cps |
| Silver | 107-1 | 87267 | 88165 | 87750 | 87727 | 0.51 | cps |
| Silver | 109-1 | 81993 | 83033 | 84062 | 83029 | 1.25 | cps |
| Sodium | 23-2 | 9067414 | 9120968 | 9110650 | 9099677 | 0.31 | cps |
| Strontium | 86-1 | 956386 | 959672 | 964146 | 960068 | 0.41 | cps |
| Strontium | 88-1 | 8498534 | 8694835 | 8671584 | 8621651 | 1.24 | cps |
| Sulfur | 34-1 | 366973 | 369563 | 375817 | 370784 | 1.23 | cps |
| Terbium | 159-1 | 17186888 | 17196051 | 16975647 | 17119529 | 0.73 | cps |
| Terbium | 159-2 | 12079469 | 11937571 | 11879569 | 11965537 | 0.86 | cps |
| Thallium | 203-1 | 48402 | 49004 | 48851 | 48752 | 0.64 | cps |
| Thallium | 205-1 | 116517 | 117667 | 117680 | 117288 | 0.57 | cps |
| Tin | 118-1 | 5265435 | 5310099 | 5341525 | 5305686 | 0.72 | cps |
| Titanium | 47-1 | 1129105 | 1153490 | 1155250 | 1145948 | 1.28 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:40:56 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 181135 | 183575 | 180159 | 181623 | 0.97 | cps |
| Vanadium | 51-2 | 209317 | 209604 | 210398 | 209773 | 0.27 | cps |
| Yttrium | 89-1 | 21009773 | 21256766 | 21272903 | 21179814 | 0.70 | cps |
| Yttrium | 89-2 | 5883196 | 5951045 | 6001174 | 5945138 | 1.00 | cps |
| Zinc | 66-2 | 11849616 | 11821625 | 11867594 | 11846279 | 0.20 | cps |
| Zirconium | 90-1 | 390642 | 400378 | 403805 | 398275 | 1.71 | cps |
| Zirconium | 91-1 | 92834 | 94981 | 96035 | 94617 | 1.72 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:43:52 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4676026 | 4614364 | 4662177 | 4650856 | 0.70 | cps |
| Antimony | 121-1 | 29954846 | 29607740 | 29795549 | 29786045 | 0.58 | cps |
| Arsenic | 75-2 | 4082474 | 4101102 | 4140653 | 4108076 | 0.72 | cps |
| Barium | 135-1 | 683472 | 691958 | 687250 | 687560 | 0.62 | cps |
| Barium | 137-1 | 1195322 | 1192986 | 1193583 | 1193964 | 0.10 | cps |
| Beryllium | 9-1 | 2187 | 2127 | 2094 | 2136 | 2.21 | cps |
| Bismuth | 209-1 | 10311909 | 9923890 | 10084205 | 10106668 | 1.93 | cps |
| Bismuth | 209-2 | 8662870 | 8599414 | 8711299 | 8657861 | 0.65 | cps |
| Bromine | 81-1 | 43303 | 43935 | 44156 | 43798 | 1.01 | cps |
| Bromine | 81-2 | 6415 | 6231 | 6128 | 6258 | 2.32 | cps |
| Cadmium | 108-1 | 3657 | 3590 | 3737 | 3662 | 2.01 | cps |
| Cadmium | 106-1 | 10094 | 10070 | 9837 | 10000 | 1.42 | cps |
| Cadmium | 111-1 | 29540 | 29731 | 29534 | 29602 | 0.38 | cps |
| Calcium | 43-1 | 1648571 | 1635977 | 1647570 | 1644039 | 0.43 | cps |
| Calcium | 44-1 | 26129915 | 26343207 | 26336385 | 26269836 | 0.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 659976 | 656132 | 655899 | 657336 | 0.35 | cps |
| Cobalt | 59-2 | 1590217 | 1612750 | 1609076 | 1604014 | 0.75 | cps |
| Copper | 63-2 | 13348683 | 13477376 | 13405973 | 13410677 | 0.48 | cps |
| Dysprosium | 156-1 | 28987 | 29291 | 29982 | 29420 | 1.73 | cps |
| Dysprosium | 156-2 | 25206 | 25256 | 25159 | 25207 | 0.19 | cps |
| Erbium | 164-1 | 28125 | 28673 | 28422 | 28407 | 0.97 | cps |
| Erbium | 164-2 | 21119 | 20906 | 20649 | 20891 | 1.13 | cps |
| Gadolinium | 160-1 | 29194 | 28295 | 28816 | 28768 | 1.57 | cps |
| Gadolinium | 160-2 | 22258 | 21894 | 22642 | 22264 | 1.68 | cps |
| Holmium | 165-1 | 16763239 | 16503716 | 16714553 | 16660503 | 0.83 | cps |
| Holmium | 165-2 | 11998442 | 12222109 | 12283110 | 12167887 | 1.23 | cps |
| Indium | 115-1 | 15521213 | 15471903 | 15502264 | 15498460 | 0.16 | cps |
| Indium | 115-2 | 6021601 | 6055374 | 6045208 | 6040728 | 0.29 | cps |
| Iron | 56-2 | 851961321 | 853692974 | 846339587 | 850664627 | 0.45 | cps |
| Iron | 57-2 | 21281001 | 21143270 | 20911252 | 21111841 | 0.89 | cps |
| Iron | 54-2 | 46430914 | 46117069 | 45754984 | 46100989 | 0.73 | cps |
| Krypton | 83-1 | 320 | 257 | 247 | 274 | 14.49 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:43:52 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 33938107 | 33981598 | 33151553 | 33690419 | 1.39 | cps |
| Lead | 207-1 | 29311442 | 29106851 | 28956723 | 29125005 | 0.61 | cps |
| Lead | 208-1 | 134504036 | 134361005 | 133427620 | 134097554 | 0.44 | cps |
| Lithium | 6-1 | 1999886 | 1966083 | 1985893 | 1983954 | 0.86 | cps |
| Magnesium | 24-2 | 3309505 | 3234121 | 3332720 | 3292115 | 1.57 | cps |
| Manganese | 55-2 | 3113183 | 3104980 | 3071504 | 3096556 | 0.71 | cps |
| Molybdenum | 94-1 | 1720605 | 1739556 | 1743009 | 1734390 | 0.70 | cps |
| Molybdenum | 95-1 | 2780023 | 2845173 | 2837584 | 2820927 | 1.26 | cps |
| Molybdenum | 96-1 | 3039109 | 3088459 | 3088213 | 3071927 | 0.93 | cps |
| Molybdenum | 97-1 | 1773338 | 1765235 | 1759905 | 1766159 | 0.38 | cps |
| Molybdenum | 98-1 | 4515652 | 4496227 | 4453975 | 4488618 | 0.70 | cps |
| Neodymium | 150-1 | 45774 | 45647 | 45416 | 45612 | 0.40 | cps |
| Neodymium | 150-2 | 28302 | 28485 | 28362 | 28383 | 0.33 | cps |
| Nickel | 60-2 | 159201 | 160801 | 159807 | 159937 | 0.51 | cps |
| Phosphorus | 31-2 | 15415 | 15558 | 15518 | 15497 | 0.48 | cps |
| Potassium | 39-2 | 2324845 | 2318272 | 2346669 | 2329929 | 0.64 | cps |
| Rhodium | 103-1 | 12625154 | 12340872 | 12520638 | 12495555 | 1.15 | cps |
| Rhodium | 103-2 | 7725484 | 7792349 | 7722168 | 7746667 | 0.51 | cps |
| Scandium | 45-1 | 7485256 | 7434077 | 7551962 | 7490432 | 0.79 | cps |
| Scandium | 45-2 | 688287 | 688727 | 694699 | 690571 | 0.52 | cps |
| Selenium | 82-1 | 857 | 800 | 871 | 843 | 4.51 | cps |
| Selenium | 77-2 | 170 | 153 | 190 | 171 | 10.73 | cps |
| Selenium | 78-2 | 870 | 803 | 763 | 812 | 6.64 | cps |
| Silicon | 28-1 | 51862613 | 54280258 | 51434616 | 52525829 | 2.92 | cps |
| Silver | 107-1 | 88266 | 88111 | 89081 | 88486 | 0.59 | cps |
| Silver | 109-1 | 84028 | 84005 | 83941 | 83991 | 0.05 | cps |
| Sodium | 23-2 | 9312945 | 9214850 | 9341944 | 9289913 | 0.72 | cps |
| Strontium | 86-1 | 971761 | 978933 | 985042 | 978579 | 0.68 | cps |
| Strontium | 88-1 | 8842908 | 8747693 | 8704715 | 8765105 | 0.81 | cps |
| Sulfur | 34-1 | 379783 | 383540 | 380784 | 381369 | 0.51 | cps |
| Terbium | 159-1 | 17095839 | 16789529 | 16923579 | 16936315 | 0.91 | cps |
| Terbium | 159-2 | 11841771 | 12073930 | 12195586 | 12037096 | 1.49 | cps |
| Thallium | 203-1 | 48402 | 48372 | 48332 | 48369 | 0.07 | cps |
| Thallium | 205-1 | 113270 | 114947 | 114392 | 114203 | 0.75 | cps |
| Tin | 118-1 | 5334495 | 5384071 | 5451377 | 5389981 | 1.09 | cps |
| Titanium | 47-1 | 1166788 | 1173348 | 1172210 | 1170782 | 0.30 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:43:52 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 177056 | 178868 | 178703 | 178209 | 0.56 | cps |
| Vanadium | 51-2 | 212558 | 212845 | 214011 | 213138 | 0.36 | cps |
| Yttrium | 89-1 | 21433805 | 21012560 | 21213141 | 21219835 | 0.99 | cps |
| Yttrium | 89-2 | 6004059 | 6039760 | 6010824 | 6018215 | 0.32 | cps |
| Zinc | 66-2 | 12036004 | 12026439 | 11961872 | 12008105 | 0.34 | cps |
| Zirconium | 90-1 | 405489 | 406023 | 409701 | 407071 | 0.56 | cps |
| Zirconium | 91-1 | 94267 | 96229 | 94911 | 95136 | 1.05 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:46:48 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 885266 | 885214 | 878078 | 882853 | 0.47 | cps |
| Antimony | 121-1 | 5678965 | 5769043 | 5800994 | 5749668 | 1.10 | cps |
| Arsenic | 75-2 | 786734 | 795717 | 791852 | 791434 | 0.57 | cps |
| Barium | 135-1 | 133375 | 135171 | 134192 | 134246 | 0.67 | cps |
| Barium | 137-1 | 231557 | 236812 | 234085 | 234151 | 1.12 | cps |
| Beryllium | 9-1 | 460 | 387 | 533 | 460 | 15.94 | cps |
| Bismuth | 209-1 | 10201397 | 9830090 | 9829154 | 9953547 | 2.16 | cps |
| Bismuth | 209-2 | 8474376 | 8505302 | 8470713 | 8483464 | 0.22 | cps |
| Bromine | 81-1 | 21419 | 21699 | 22097 | 21738 | 1.57 | cps |
| Bromine | 81-2 | 1373 | 1480 | 1527 | 1460 | 5.38 | cps |
| Cadmium | 108-1 | 710 | 733 | 690 | 711 | 3.05 | cps |
| Cadmium | 106-1 | 5828 | 5594 | 5741 | 5721 | 2.06 | cps |
| Cadmium | 111-1 | 6689 | 6480 | 6595 | 6588 | 1.59 | cps |
| Calcium | 43-1 | 326028 | 330884 | 328300 | 328404 | 0.74 | cps |
| Calcium | 44-1 | 5132135 | 5218802 | 5234377 | 5195105 | 1.06 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 130478 | 130821 | 131971 | 131090 | 0.60 | cps |
| Cobalt | 59-2 | 310527 | 311725 | 310398 | 310883 | 0.24 | cps |
| Copper | 63-2 | 2687164 | 2687513 | 2680369 | 2685015 | 0.15 | cps |
| Dysprosium | 156-1 | 5788 | 5738 | 5795 | 5773 | 0.54 | cps |
| Dysprosium | 156-2 | 4908 | 4901 | 4861 | 4890 | 0.52 | cps |
| Erbium | 164-1 | 5701 | 5791 | 5655 | 5716 | 1.22 | cps |
| Erbium | 164-2 | 4127 | 4434 | 4461 | 4341 | 4.27 | cps |
| Gadolinium | 160-1 | 5501 | 5731 | 5595 | 5609 | 2.06 | cps |
| Gadolinium | 160-2 | 4758 | 4918 | 4934 | 4870 | 2.00 | cps |
| Holmium | 165-1 | 17003796 | 16498931 | 16457355 | 16653360 | 1.83 | cps |
| Holmium | 165-2 | 11962489 | 11989616 | 11678317 | 11876808 | 1.45 | cps |
| Indium | 115-1 | 14541394 | 14015523 | 13821888 | 14126268 | 2.64 | cps |
| Indium | 115-2 | 5342173 | 5349660 | 5373004 | 5354946 | 0.30 | cps |
| Iron | 56-2 | 168786481 | 168957584 | 168508514 | 168750860 | 0.13 | cps |
| Iron | 57-2 | 4166984 | 4192362 | 4194938 | 4184761 | 0.37 | cps |
| Iron | 54-2 | 9283916 | 9234413 | 9187648 | 9235325 | 0.52 | cps |
| Krypton | 83-1 | 163 | 220 | 217 | 200 | 15.90 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:46:48 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6588119 | 6651203 | 6605833 | 6615052 | 0.49 | cps |
| Lead | 207-1 | 5708505 | 5759275 | 5755287 | 5741023 | 0.49 | cps |
| Lead | 208-1 | 26003150 | 26471595 | 26168248 | 26214331 | 0.91 | cps |
| Lithium | 6-1 | 2099998 | 1960855 | 1995407 | 2018753 | 3.59 | cps |
| Magnesium | 24-2 | 610188 | 614339 | 612730 | 612419 | 0.34 | cps |
| Manganese | 55-2 | 599207 | 599176 | 601384 | 599922 | 0.21 | cps |
| Molybdenum | 94-1 | 327302 | 333415 | 331986 | 330901 | 0.97 | cps |
| Molybdenum | 95-1 | 521050 | 537713 | 535970 | 531577 | 1.72 | cps |
| Molybdenum | 96-1 | 566640 | 581755 | 580532 | 576309 | 1.46 | cps |
| Molybdenum | 97-1 | 329310 | 335551 | 333585 | 332816 | 0.96 | cps |
| Molybdenum | 98-1 | 843548 | 864271 | 862798 | 856872 | 1.35 | cps |
| Neodymium | 150-1 | 8626 | 8843 | 8803 | 8757 | 1.32 | cps |
| Neodymium | 150-2 | 5645 | 5454 | 5364 | 5488 | 2.61 | cps |
| Nickel | 60-2 | 32144 | 32412 | 32024 | 32193 | 0.62 | cps |
| Phosphorus | 31-2 | 3344 | 3180 | 3100 | 3208 | 3.87 | cps |
| Potassium | 39-2 | 516856 | 523834 | 514645 | 518445 | 0.93 | cps |
| Rhodium | 103-1 | 13167224 | 12488250 | 12517568 | 12724348 | 3.02 | cps |
| Rhodium | 103-2 | 7597915 | 7543806 | 7652059 | 7597926 | 0.71 | cps |
| Scandium | 45-1 | 7744823 | 7504203 | 7404115 | 7551047 | 2.32 | cps |
| Scandium | 45-2 | 666909 | 668485 | 664561 | 666652 | 0.30 | cps |
| Selenium | 82-1 | 398 | 265 | 274 | 313 | 23.77 | cps |
| Selenium | 77-2 | 33 | 37 | 20 | 30 | 29.40 | cps |
| Selenium | 78-2 | 560 | 530 | 470 | 520 | 8.81 | cps |
| Silicon | 28-1 | 10405906 | 10741552 | 11044949 | 10730802 | 2.98 | cps |
| Silver | 107-1 | 17083 | 17214 | 17614 | 17304 | 1.60 | cps |
| Silver | 109-1 | 16429 | 16943 | 16897 | 16756 | 1.70 | cps |
| Sodium | 23-2 | 1828106 | 1873112 | 1857568 | 1852929 | 1.23 | cps |
| Strontium | 86-1 | 187582 | 194131 | 192673 | 191462 | 1.80 | cps |
| Strontium | 88-1 | 1692027 | 1721745 | 1711938 | 1708570 | 0.89 | cps |
| Sulfur | 34-1 | 218073 | 222209 | 221245 | 220509 | 0.98 | cps |
| Terbium | 159-1 | 17579703 | 16988829 | 16857295 | 17141942 | 2.24 | cps |
| Terbium | 159-2 | 11821117 | 11894422 | 11727062 | 11814200 | 0.71 | cps |
| Thallium | 203-1 | 9684 | 9914 | 9747 | 9781 | 1.22 | cps |
| Thallium | 205-1 | 22966 | 23133 | 23307 | 23135 | 0.74 | cps |
| Tin | 118-1 | 1004391 | 1035982 | 1027906 | 1022760 | 1.60 | cps |
| Titanium | 47-1 | 225758 | 235990 | 230881 | 230876 | 2.22 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:46:48 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 34568 | 34669 | 34956 | 34731 | 0.58 | cps |
| Vanadium | 51-2 | 42052 | 42473 | 41611 | 42045 | 1.03 | cps |
| Yttrium | 89-1 | 21765844 | 21025586 | 20800520 | 21197317 | 2.38 | cps |
| Yttrium | 89-2 | 5811207 | 5818379 | 5822683 | 5817423 | 0.10 | cps |
| Zinc | 66-2 | 2386092 | 2464920 | 2410108 | 2420373 | 1.67 | cps |
| Zirconium | 90-1 | 78031 | 79701 | 79078 | 78937 | 1.07 | cps |
| Zirconium | 91-1 | 18342 | 18599 | 18635 | 18525 | 0.86 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4612893 | 4577908 | 4585998 | 4592266 | 0.40 | cps |
| Antimony | 121-1 | 27506560 | 28918263 | 28867878 | 28430900 | 2.82 | cps |
| Arsenic | 75-2 | 4150748 | 4100586 | 4152561 | 4134632 | 0.71 | cps |
| Barium | 135-1 | 1997892 | 2108152 | 2096764 | 2067603 | 2.93 | cps |
| Barium | 137-1 | 3420362 | 3565514 | 3550497 | 3512124 | 2.27 | cps |
| Beryllium | 9-1 | 17003 | 18007 | 17770 | 17593 | 2.98 | cps |
| Bismuth | 209-1 | 10811896 | 10184560 | 10232240 | 10409566 | 3.36 | cps |
| Bismuth | 209-2 | 8719167 | 8528570 | 8730280 | 8659339 | 1.31 | cps |
| Bromine | 81-1 | 39102 | 40953 | 42287 | 40781 | 3.92 | cps |
| Bromine | 81-2 | 5858 | 5808 | 5918 | 5861 | 0.94 | cps |
| Cadmium | 108-1 | 25219 | 25810 | 26157 | 25728 | 1.84 | cps |
| Cadmium | 106-1 | 39577 | 40937 | 41279 | 40598 | 2.22 | cps |
| Cadmium | 111-1 | 344435 | 357803 | 361447 | 354562 | 2.53 | cps |
| Calcium | 43-1 | 1546907 | 1597188 | 1606851 | 1583649 | 2.03 | cps |
| Calcium | 44-1 | 24401825 | 25565270 | 25570794 | 25179296 | 2.67 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 856831 | 853064 | 850158 | 853351 | 0.39 | cps |
| Cobalt | 59-2 | 2422866 | 2428165 | 2441791 | 2430941 | 0.40 | cps |
| Copper | 63-2 | 13180838 | 13278360 | 13489416 | 13316205 | 1.18 | cps |
| Dysprosium | 156-1 | 26846 | 28172 | 28699 | 27906 | 3.42 | cps |
| Dysprosium | 156-2 | 24892 | 24926 | 24832 | 24883 | 0.19 | cps |
| Erbium | 164-1 | 26579 | 28145 | 27915 | 27546 | 3.07 | cps |
| Erbium | 164-2 | 20438 | 20298 | 20168 | 20302 | 0.67 | cps |
| Gadolinium | 160-1 | 26218 | 27944 | 27200 | 27121 | 3.19 | cps |
| Gadolinium | 160-2 | 21670 | 21764 | 21750 | 21728 | 0.23 | cps |
| Holmium | 165-1 | 17456198 | 16762076 | 16652198 | 16956824 | 2.57 | cps |
| Holmium | 165-2 | 12168485 | 11965026 | 12161107 | 12098206 | 0.95 | cps |
| Indium | 115-1 | 16449658 | 15655352 | 15545409 | 15883473 | 3.11 | cps |
| Indium | 115-2 | 5921925 | 5824921 | 5860690 | 5869179 | 0.84 | cps |
| Iron | 56-2 | 832063934 | 824897294 | 824479748 | 827146992 | 0.52 | cps |
| Iron | 57-2 | 20512552 | 20496038 | 20502079 | 20503556 | 0.04 | cps |
| Iron | 54-2 | 45342498 | 44841264 | 44868766 | 45017509 | 0.63 | cps |
| Krypton | 83-1 | 243 | 253 | 253 | 250 | 2.31 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 33331553 | 34105764 | 34645554 | 34027624 | 1.94 | cps |
| Lead | 207-1 | 29171788 | 29636713 | 29658835 | 29489112 | 0.93 | cps |
| Lead | 208-1 | 132426151 | 135771505 | 136617634 | 134938430 | 1.64 | cps |
| Lithium | 6-1 | 2103030 | 1999715 | 1967380 | 2023375 | 3.50 | cps |
| Magnesium | 24-2 | 3169238 | 3160337 | 3162536 | 3164037 | 0.15 | cps |
| Manganese | 55-2 | 3467359 | 3421485 | 3478084 | 3455643 | 0.87 | cps |
| Molybdenum | 94-1 | 1613450 | 1708329 | 1689811 | 1670530 | 3.01 | cps |
| Molybdenum | 95-1 | 2628645 | 2731754 | 2772614 | 2711004 | 2.74 | cps |
| Molybdenum | 96-1 | 2879420 | 2981601 | 2979927 | 2946982 | 1.99 | cps |
| Molybdenum | 97-1 | 1617392 | 1722872 | 1706656 | 1682307 | 3.38 | cps |
| Molybdenum | 98-1 | 4195041 | 4394780 | 4354188 | 4314670 | 2.45 | cps |
| Neodymium | 150-1 | 41574 | 43534 | 44834 | 43314 | 3.79 | cps |
| Neodymium | 150-2 | 26775 | 27363 | 27650 | 27263 | 1.64 | cps |
| Nickel | 60-2 | 372676 | 372390 | 370825 | 371964 | 0.27 | cps |
| Phosphorus | 31-2 | 15104 | 14517 | 14904 | 14842 | 2.01 | cps |
| Potassium | 39-2 | 2275729 | 2253675 | 2238437 | 2255947 | 0.83 | cps |
| Rhodium | 103-1 | 13207262 | 12673420 | 12542534 | 12807739 | 2.75 | cps |
| Rhodium | 103-2 | 7534630 | 7469766 | 7572334 | 7525577 | 0.69 | cps |
| Scandium | 45-1 | 7963035 | 7570839 | 7581854 | 7705243 | 2.90 | cps |
| Scandium | 45-2 | 679683 | 679467 | 684955 | 681368 | 0.46 | cps |
| Selenium | 82-1 | 45920 | 47268 | 47780 | 46989 | 2.04 | cps |
| Selenium | 77-2 | 5328 | 5241 | 5281 | 5283 | 0.82 | cps |
| Selenium | 78-2 | 18121 | 18578 | 18562 | 18420 | 1.41 | cps |
| Silicon | 28-1 | 51232833 | 49502356 | 51268211 | 50667800 | 1.99 | cps |
| Silver | 107-1 | 239306 | 251713 | 254399 | 248473 | 3.24 | cps |
| Silver | 109-1 | 231284 | 239511 | 241262 | 237352 | 2.24 | cps |
| Sodium | 23-2 | 9075864 | 8998037 | 9023971 | 9032624 | 0.44 | cps |
| Strontium | 86-1 | 906843 | 951397 | 949180 | 935807 | 2.68 | cps |
| Strontium | 88-1 | 8115040 | 8496638 | 8555082 | 8388920 | 2.85 | cps |
| Sulfur | 34-1 | 364360 | 378350 | 378217 | 373642 | 2.15 | cps |
| Terbium | 159-1 | 17859049 | 17121451 | 17166534 | 17382344 | 2.38 | cps |
| Terbium | 159-2 | 11956649 | 11856060 | 11886066 | 11899592 | 0.43 | cps |
| Thallium | 203-1 | 2280301 | 2376853 | 2351139 | 2336098 | 2.14 | cps |
| Thallium | 205-1 | 5389982 | 5562191 | 5679559 | 5543911 | 2.63 | cps |
| Tin | 118-1 | 4989034 | 5248033 | 5262313 | 5166460 | 2.98 | cps |
| Titanium | 47-1 | 1076356 | 1131882 | 1141666 | 1116635 | 3.15 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 166413 | 172615 | 172696 | 170575 | 2.11 | cps |
| Vanadium | 51-2 | 688861 | 686798 | 686184 | 687281 | 0.20 | cps |
| Yttrium | 89-1 | 22244160 | 21548473 | 21620299 | 21804311 | 1.75 | cps |
| Yttrium | 89-2 | 5970999 | 5805647 | 6003863 | 5926837 | 1.79 | cps |
| Zinc | 66-2 | 11722169 | 11638575 | 11799381 | 11720041 | 0.69 | cps |
| Zirconium | 90-1 | 369595 | 392708 | 393255 | 385186 | 3.51 | cps |
| Zirconium | 91-1 | 106340 | 93488 | 94039 | 97956 | 7.42 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6445045 | 6487370 | 6319991 | 6417469 | 1.36 | cps |
| Antimony | 121-1 | 14738 | 13486 | 12466 | 13563 | 8.39 | cps |
| Arsenic | 75-2 | 11374 | 11091 | 11084 | 11183 | 1.48 | cps |
| Barium | 135-1 | 812836 | 818414 | 817356 | 816202 | 0.36 | cps |
| Barium | 137-1 | 1417148 | 1434693 | 1417884 | 1423242 | 0.70 | cps |
| Beryllium | 9-1 | 2214 | 1967 | 2053 | 2078 | 6.02 | cps |
| Bismuth | 209-1 | 9730380 | 9756478 | 9891423 | 9792760 | 0.88 | cps |
| Bismuth | 209-2 | 8465614 | 8381367 | 8272499 | 8373160 | 1.16 | cps |
| Bromine | 81-1 | 17360 | 16960 | 16559 | 16960 | 2.36 | cps |
| Bromine | 81-2 | 530 | 600 | 643 | 591 | 9.67 | cps |
| Cadmium | 108-1 | 293 | 260 | 237 | 263 | 10.82 | cps |
| Cadmium | 106-1 | 5641 | 5611 | 5211 | 5488 | 4.38 | cps |
| Cadmium | 111-1 | 2728 | 2783 | 2706 | 2739 | 1.44 | cps |
| Calcium | 43-1 | 3040853 | 3023793 | 2943636 | 3002761 | 1.73 | cps |
| Calcium | 44-1 | 48500606 | 48449709 | 47410141 | 48120152 | 1.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 224864 | 221898 | 218199 | 221653 | 1.51 | cps |
| Cobalt | 59-2 | 223312 | 220945 | 219694 | 221317 | 0.83 | cps |
| Copper | 63-2 | 280218 | 278935 | 276248 | 278467 | 0.73 | cps |
| Dysprosium | 156-1 | 81340 | 81009 | 80519 | 80956 | 0.51 | cps |
| Dysprosium | 156-2 | 66460 | 67253 | 65907 | 66540 | 1.02 | cps |
| Erbium | 164-1 | 66380 | 67107 | 67485 | 66991 | 0.84 | cps |
| Erbium | 164-2 | 49829 | 48969 | 48551 | 49116 | 1.33 | cps |
| Gadolinium | 160-1 | 80536 | 81100 | 81119 | 80919 | 0.41 | cps |
| Gadolinium | 160-2 | 60430 | 59840 | 59686 | 59985 | 0.65 | cps |
| Holmium | 165-1 | 16715296 | 16677646 | 16350869 | 16581270 | 1.21 | cps |
| Holmium | 165-2 | 12125993 | 11889765 | 11773785 | 11929848 | 1.50 | cps |
| Indium | 115-1 | 13369123 | 13267671 | 13367036 | 13334610 | 0.43 | cps |
| Indium | 115-2 | 4925652 | 4890032 | 4863629 | 4893104 | 0.64 | cps |
| Iron | 56-2 | 251746563 | 249607870 | 247675296 | 249676576 | 0.82 | cps |
| Iron | 57-2 | 6222598 | 6296048 | 6136053 | 6218233 | 1.29 | cps |
| Iron | 54-2 | 13725229 | 13644676 | 13511501 | 13627136 | 0.79 | cps |
| Krypton | 83-1 | 270 | 257 | 263 | 263 | 2.53 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 360577 | 365344 | 364786 | 363569 | 0.72 | cps |
| Lead | 207-1 | 291502 | 293893 | 294186 | 293194 | 0.50 | cps |
| Lead | 208-1 | 1375138 | 1388394 | 1390606 | 1384712 | 0.60 | cps |
| Lithium | 6-1 | 2064245 | 2056713 | 2048677 | 2056545 | 0.38 | cps |
| Magnesium | 24-2 | 16409809 | 16246001 | 15947301 | 16201037 | 1.45 | cps |
| Manganese | 55-2 | 3952578 | 3951928 | 3903145 | 3935884 | 0.72 | cps |
| Molybdenum | 94-1 | 67183 | 66547 | 65954 | 66561 | 0.92 | cps |
| Molybdenum | 95-1 | 19633 | 19460 | 19713 | 19602 | 0.66 | cps |
| Molybdenum | 96-1 | 33442 | 32897 | 32480 | 32939 | 1.46 | cps |
| Molybdenum | 97-1 | 12168 | 11942 | 12455 | 12188 | 2.11 | cps |
| Molybdenum | 98-1 | 31781 | 31781 | 30518 | 31360 | 2.32 | cps |
| Neodymium | 150-1 | 122268 | 124809 | 123824 | 123634 | 1.04 | cps |
| Neodymium | 150-2 | 75504 | 74777 | 75749 | 75343 | 0.67 | cps |
| Nickel | 60-2 | 142395 | 143212 | 141241 | 142283 | 0.70 | cps |
| Phosphorus | 31-2 | 14797 | 14457 | 13983 | 14412 | 2.84 | cps |
| Potassium | 39-2 | 2150504 | 2130353 | 2148668 | 2143175 | 0.52 | cps |
| Rhodium | 103-1 | 12149000 | 12009587 | 11990761 | 12049783 | 0.72 | cps |
| Rhodium | 103-2 | 7301036 | 7224943 | 7109567 | 7211849 | 1.34 | cps |
| Scandium | 45-1 | 7352109 | 7285346 | 7117935 | 7251796 | 1.66 | cps |
| Scandium | 45-2 | 627159 | 624584 | 619137 | 623627 | 0.66 | cps |
| Selenium | 82-1 | 372 | 435 | 372 | 393 | 9.27 | cps |
| Selenium | 77-2 | 220 | 207 | 233 | 220 | 6.06 | cps |
| Selenium | 78-2 | 577 | 580 | 533 | 563 | 4.62 | cps |
| Silicon | 28-1 | 9154898 | 8722114 | 9231597 | 9036203 | 3.04 | cps |
| Silver | 107-1 | 3447 | 2994 | 2610 | 3017 | 13.89 | cps |
| Silver | 109-1 | 2987 | 2510 | 2210 | 2569 | 15.25 | cps |
| Sodium | 23-2 | 213690 | 213350 | 212420 | 213153 | 0.31 | cps |
| Strontium | 86-1 | 520982 | 517738 | 518300 | 519007 | 0.33 | cps |
| Strontium | 88-1 | 4751804 | 4691011 | 4555318 | 4666044 | 2.16 | cps |
| Sulfur | 34-1 | 245328 | 243543 | 245509 | 244793 | 0.44 | cps |
| Terbium | 159-1 | 16957546 | 17110090 | 16984904 | 17017514 | 0.48 | cps |
| Terbium | 159-2 | 11657756 | 11560548 | 11660010 | 11626105 | 0.49 | cps |
| Thallium | 203-1 | 6191 | 5811 | 5681 | 5895 | 4.50 | cps |
| Thallium | 205-1 | 14711 | 13687 | 13847 | 14082 | 3.91 | cps |
| Tin | 118-1 | 13900 | 13433 | 13059 | 13464 | 3.13 | cps |
| Titanium | 47-1 | 392710 | 386843 | 385462 | 388338 | 0.99 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 66351 | 67195 | 67939 | 67162 | 1.18 | cps |
| Vanadium | 51-2 | 243738 | 240415 | 240185 | 241446 | 0.82 | cps |
| Yttrium | 89-1 | 21347192 | 21076106 | 20786288 | 21069862 | 1.33 | cps |
| Yttrium | 89-2 | 5748819 | 5684328 | 5685534 | 5706227 | 0.65 | cps |
| Zinc | 66-2 | 157975 | 156335 | 154769 | 156360 | 1.03 | cps |
| Zirconium | 90-1 | 150098 | 151707 | 152745 | 151517 | 0.88 | cps |
| Zirconium | 91-1 | 33361 | 33408 | 36043 | 34271 | 4.48 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6202686 | 6155282 | 6191914 | 6183294 | 0.40 | cps |
| Antimony | 121-1 | 7212 | 6918 | 7135 | 7088 | 2.15 | cps |
| Arsenic | 75-2 | 10827 | 10757 | 10797 | 10794 | 0.33 | cps |
| Barium | 135-1 | 796089 | 795292 | 795952 | 795778 | 0.05 | cps |
| Barium | 137-1 | 1378120 | 1374839 | 1380632 | 1377864 | 0.21 | cps |
| Beryllium | 9-1 | 2030 | 2000 | 2097 | 2042 | 2.42 | cps |
| Bismuth | 209-1 | 9903577 | 9891485 | 9803264 | 9866109 | 0.56 | cps |
| Bismuth | 209-2 | 8308213 | 8270397 | 8287900 | 8288837 | 0.23 | cps |
| Bromine | 81-1 | 15698 | 15715 | 15812 | 15742 | 0.39 | cps |
| Bromine | 81-2 | 550 | 550 | 567 | 556 | 1.73 | cps |
| Cadmium | 108-1 | 247 | 223 | 237 | 236 | 4.97 | cps |
| Cadmium | 106-1 | 5431 | 5354 | 5101 | 5295 | 3.26 | cps |
| Cadmium | 111-1 | 2546 | 2537 | 2551 | 2545 | 0.30 | cps |
| Calcium | 43-1 | 2838963 | 2864844 | 2860252 | 2854686 | 0.48 | cps |
| Calcium | 44-1 | 45937788 | 45536059 | 45464116 | 45645988 | 0.56 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 214144 | 214463 | 213434 | 214014 | 0.25 | cps |
| Cobalt | 59-2 | 214108 | 210630 | 212165 | 212301 | 0.82 | cps |
| Copper | 63-2 | 271399 | 269231 | 269010 | 269880 | 0.49 | cps |
| Dysprosium | 156-1 | 78612 | 79309 | 78887 | 78936 | 0.44 | cps |
| Dysprosium | 156-2 | 64705 | 64711 | 65211 | 64876 | 0.45 | cps |
| Erbium | 164-1 | 65670 | 65868 | 66453 | 65997 | 0.62 | cps |
| Erbium | 164-2 | 46888 | 47621 | 46959 | 47156 | 0.86 | cps |
| Gadolinium | 160-1 | 78776 | 78284 | 79296 | 78785 | 0.64 | cps |
| Gadolinium | 160-2 | 59392 | 58913 | 58850 | 59052 | 0.50 | cps |
| Holmium | 165-1 | 16549772 | 16576841 | 16416007 | 16514207 | 0.52 | cps |
| Holmium | 165-2 | 11806459 | 11647646 | 11715205 | 11723103 | 0.68 | cps |
| Indium | 115-1 | 13059836 | 13025526 | 13025976 | 13037113 | 0.15 | cps |
| Indium | 115-2 | 4885797 | 4874431 | 4782507 | 4847578 | 1.17 | cps |
| Iron | 56-2 | 243121756 | 241157623 | 239710176 | 241329852 | 0.71 | cps |
| Iron | 57-2 | 6063247 | 6022751 | 6023870 | 6036623 | 0.38 | cps |
| Iron | 54-2 | 13117120 | 13093494 | 13152795 | 13121136 | 0.23 | cps |
| Krypton | 83-1 | 263 | 320 | 230 | 271 | 16.78 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 352994 | 353017 | 353433 | 353148 | 0.07 | cps |
| Lead | 207-1 | 283542 | 281632 | 286465 | 283880 | 0.86 | cps |
| Lead | 208-1 | 1336814 | 1343896 | 1351575 | 1344095 | 0.55 | cps |
| Lithium | 6-1 | 2021132 | 2033431 | 2045624 | 2033396 | 0.60 | cps |
| Magnesium | 24-2 | 15541270 | 15548622 | 15446509 | 15512133 | 0.37 | cps |
| Manganese | 55-2 | 3813610 | 3798768 | 3850368 | 3820915 | 0.70 | cps |
| Molybdenum | 94-1 | 63246 | 64845 | 64099 | 64063 | 1.25 | cps |
| Molybdenum | 95-1 | 17878 | 18248 | 18312 | 18146 | 1.29 | cps |
| Molybdenum | 96-1 | 31290 | 31193 | 31277 | 31253 | 0.17 | cps |
| Molybdenum | 97-1 | 11284 | 11481 | 11475 | 11413 | 0.98 | cps |
| Molybdenum | 98-1 | 28818 | 29587 | 29243 | 29216 | 1.32 | cps |
| Neodymium | 150-1 | 120112 | 122066 | 120143 | 120774 | 0.93 | cps |
| Neodymium | 150-2 | 73942 | 74341 | 73480 | 73921 | 0.58 | cps |
| Nickel | 60-2 | 136528 | 136286 | 136440 | 136418 | 0.09 | cps |
| Phosphorus | 31-2 | 13890 | 13856 | 13289 | 13678 | 2.47 | cps |
| Potassium | 39-2 | 2015318 | 2015655 | 2009582 | 2013518 | 0.17 | cps |
| Rhodium | 103-1 | 11989007 | 11855244 | 11854016 | 11899422 | 0.65 | cps |
| Rhodium | 103-2 | 7119691 | 7107023 | 7064705 | 7097140 | 0.41 | cps |
| Scandium | 45-1 | 7131304 | 6979546 | 6961651 | 7024167 | 1.33 | cps |
| Scandium | 45-2 | 610884 | 609202 | 606455 | 608847 | 0.37 | cps |
| Selenium | 82-1 | 377 | 257 | 303 | 312 | 19.31 | cps |
| Selenium | 77-2 | 170 | 187 | 180 | 179 | 4.69 | cps |
| Selenium | 78-2 | 567 | 580 | 600 | 582 | 2.88 | cps |
| Silicon | 28-1 | 7364077 | 8237096 | 8655228 | 8085467 | 8.15 | cps |
| Silver | 107-1 | 2277 | 2117 | 2287 | 2227 | 4.28 | cps |
| Silver | 109-1 | 2034 | 2147 | 1967 | 2049 | 4.44 | cps |
| Sodium | 23-2 | 207710 | 204070 | 205385 | 205722 | 0.90 | cps |
| Strontium | 86-1 | 497289 | 501245 | 500870 | 499801 | 0.44 | cps |
| Strontium | 88-1 | 4487178 | 4449082 | 4432475 | 4456245 | 0.63 | cps |
| Sulfur | 34-1 | 238783 | 241069 | 241640 | 240498 | 0.63 | cps |
| Terbium | 159-1 | 16921870 | 16843401 | 16965902 | 16910391 | 0.37 | cps |
| Terbium | 159-2 | 11740206 | 11523332 | 11594421 | 11619320 | 0.95 | cps |
| Thallium | 203-1 | 5238 | 5138 | 5431 | 5269 | 2.83 | cps |
| Thallium | 205-1 | 12516 | 12743 | 12406 | 12555 | 1.37 | cps |
| Tin | 118-1 | 12092 | 11581 | 11748 | 11807 | 2.20 | cps |
| Titanium | 47-1 | 371045 | 369797 | 362779 | 367874 | 1.21 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 65792 | 67729 | 68712 | 67411 | 2.20 | cps |
| Vanadium | 51-2 | 231536 | 234267 | 232574 | 232792 | 0.59 | cps |
| Yttrium | 89-1 | 20733813 | 20541498 | 20488125 | 20587812 | 0.63 | cps |
| Yttrium | 89-2 | 5622299 | 5592792 | 5624630 | 5613240 | 0.32 | cps |
| Zinc | 66-2 | 151832 | 150486 | 149738 | 150685 | 0.70 | cps |
| Zirconium | 90-1 | 143672 | 145439 | 145869 | 144993 | 0.80 | cps |
| Zirconium | 91-1 | 32673 | 32272 | 32463 | 32469 | 0.62 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1318796 | 1319756 | 1330150 | 1322901 | 0.48 | cps |
| Antimony | 121-1 | 1930 | 1867 | 1787 | 1861 | 3.86 | cps |
| Arsenic | 75-2 | 2384 | 2280 | 2070 | 2245 | 7.11 | cps |
| Barium | 135-1 | 161269 | 161845 | 159926 | 161013 | 0.61 | cps |
| Barium | 137-1 | 281184 | 283277 | 281142 | 281868 | 0.43 | cps |
| Beryllium | 9-1 | 453 | 477 | 533 | 488 | 8.43 | cps |
| Bismuth | 209-1 | 9782972 | 9825782 | 9725281 | 9778012 | 0.52 | cps |
| Bismuth | 209-2 | 8240324 | 8403074 | 8323177 | 8322191 | 0.98 | cps |
| Bromine | 81-1 | 15155 | 15081 | 14577 | 14938 | 2.10 | cps |
| Bromine | 81-2 | 243 | 267 | 233 | 248 | 6.90 | cps |
| Cadmium | 108-1 | 50 | 47 | 60 | 52 | 13.28 | cps |
| Cadmium | 106-1 | 4951 | 4828 | 4898 | 4892 | 1.27 | cps |
| Cadmium | 111-1 | 1317 | 1309 | 1307 | 1311 | 0.41 | cps |
| Calcium | 43-1 | 597262 | 604484 | 598577 | 600107 | 0.64 | cps |
| Calcium | 44-1 | 9372715 | 9527557 | 9491923 | 9464065 | 0.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 46000 | 47438 | 46471 | 46636 | 1.57 | cps |
| Cobalt | 59-2 | 45803 | 45215 | 45151 | 45390 | 0.79 | cps |
| Copper | 63-2 | 57734 | 58119 | 58560 | 58138 | 0.71 | cps |
| Dysprosium | 156-1 | 15702 | 15812 | 15916 | 15810 | 0.68 | cps |
| Dysprosium | 156-2 | 13226 | 13577 | 13777 | 13527 | 2.06 | cps |
| Erbium | 164-1 | 13350 | 13203 | 13353 | 13302 | 0.64 | cps |
| Erbium | 164-2 | 9753 | 9610 | 9537 | 9633 | 1.14 | cps |
| Gadolinium | 160-1 | 16400 | 15796 | 15849 | 16015 | 2.09 | cps |
| Gadolinium | 160-2 | 12509 | 12786 | 12559 | 12618 | 1.17 | cps |
| Holmium | 165-1 | 16159724 | 15944503 | 16184220 | 16096149 | 0.82 | cps |
| Holmium | 165-2 | 11587025 | 11631099 | 11635026 | 11617716 | 0.23 | cps |
| Indium | 115-1 | 12965619 | 13147417 | 12900329 | 13004455 | 0.98 | cps |
| Indium | 115-2 | 4920223 | 4891072 | 4927539 | 4912945 | 0.39 | cps |
| Iron | 56-2 | 51590553 | 50826753 | 50892809 | 51103371 | 0.83 | cps |
| Iron | 57-2 | 1287139 | 1277623 | 1277392 | 1280718 | 0.43 | cps |
| Iron | 54-2 | 2803482 | 2801078 | 2792224 | 2798928 | 0.21 | cps |
| Krypton | 83-1 | 260 | 207 | 217 | 228 | 12.45 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 72602 | 72877 | 72237 | 72572 | 0.44 | cps |
| Lead | 207-1 | 57963 | 58375 | 57792 | 58043 | 0.52 | cps |
| Lead | 208-1 | 274374 | 275981 | 274802 | 275052 | 0.30 | cps |
| Lithium | 6-1 | 1986440 | 2003486 | 1983654 | 1991193 | 0.54 | cps |
| Magnesium | 24-2 | 3371486 | 3306434 | 3245468 | 3307796 | 1.91 | cps |
| Manganese | 55-2 | 791994 | 793593 | 787433 | 791007 | 0.40 | cps |
| Molybdenum | 94-1 | 12869 | 13099 | 13119 | 13029 | 1.07 | cps |
| Molybdenum | 95-1 | 3744 | 3994 | 3797 | 3845 | 3.43 | cps |
| Molybdenum | 96-1 | 6491 | 6365 | 6632 | 6496 | 2.06 | cps |
| Molybdenum | 97-1 | 2327 | 2537 | 2364 | 2409 | 4.66 | cps |
| Molybdenum | 98-1 | 6078 | 6425 | 5971 | 6158 | 3.85 | cps |
| Neodymium | 150-1 | 23780 | 24498 | 24705 | 24328 | 2.00 | cps |
| Neodymium | 150-2 | 15315 | 14734 | 14965 | 15005 | 1.95 | cps |
| Nickel | 60-2 | 29355 | 29242 | 29626 | 29408 | 0.67 | cps |
| Phosphorus | 31-2 | 2927 | 3087 | 3127 | 3047 | 3.47 | cps |
| Potassium | 39-2 | 483473 | 485290 | 481972 | 483578 | 0.34 | cps |
| Rhodium | 103-1 | 11859946 | 11995235 | 11999026 | 11951402 | 0.66 | cps |
| Rhodium | 103-2 | 7262051 | 7277245 | 7207889 | 7249062 | 0.50 | cps |
| Scandium | 45-1 | 6945703 | 7057955 | 7020187 | 7007948 | 0.82 | cps |
| Scandium | 45-2 | 611933 | 618881 | 616687 | 615834 | 0.58 | cps |
| Selenium | 82-1 | 68 | 181 | 153 | 134 | 43.68 | cps |
| Selenium | 77-2 | 30 | 43 | 63 | 46 | 36.83 | cps |
| Selenium | 78-2 | 433 | 430 | 450 | 438 | 2.45 | cps |
| Silicon | 28-1 | 2165570 | 2087738 | 2487445 | 2246917 | 9.43 | cps |
| Silver | 107-1 | 597 | 497 | 607 | 567 | 10.73 | cps |
| Silver | 109-1 | 497 | 390 | 483 | 457 | 12.73 | cps |
| Sodium | 23-2 | 67055 | 66165 | 65616 | 66279 | 1.10 | cps |
| Strontium | 86-1 | 103057 | 103068 | 101641 | 102589 | 0.80 | cps |
| Strontium | 88-1 | 879144 | 892599 | 884006 | 885250 | 0.77 | cps |
| Sulfur | 34-1 | 202989 | 202375 | 199856 | 201740 | 0.82 | cps |
| Terbium | 159-1 | 16628104 | 16539645 | 16605534 | 16591094 | 0.28 | cps |
| Terbium | 159-2 | 11549826 | 11531857 | 11549714 | 11543799 | 0.09 | cps |
| Thallium | 203-1 | 1240 | 1283 | 1253 | 1259 | 1.76 | cps |
| Thallium | 205-1 | 3120 | 2850 | 2927 | 2966 | 4.69 | cps |
| Tin | 118-1 | 3747 | 3734 | 3497 | 3659 | 3.84 | cps |
| Titanium | 47-1 | 76676 | 74834 | 76043 | 75851 | 1.23 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13047 | 13210 | 13200 | 13152 | 0.70 | cps |
| Vanadium | 51-2 | 48451 | 50012 | 49845 | 49436 | 1.73 | cps |
| Yttrium | 89-1 | 19809228 | 19795241 | 19916740 | 19840403 | 0.34 | cps |
| Yttrium | 89-2 | 5505952 | 5500507 | 5473641 | 5493366 | 0.31 | cps |
| Zinc | 66-2 | 32893 | 32549 | 32362 | 32601 | 0.83 | cps |
| Zirconium | 90-1 | 31764 | 30154 | 29747 | 30555 | 3.49 | cps |
| Zirconium | 91-1 | 6682 | 6672 | 6578 | 6644 | 0.86 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:02:30 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6342474 | 6420274 | 6346655 | 6369801 | 0.69 | cps |
| Antimony | 121-1 | 6318 | 6435 | 6221 | 6325 | 1.69 | cps |
| Arsenic | 75-2 | 146060 | 146703 | 151245 | 148003 | 1.91 | cps |
| Barium | 135-1 | 2125040 | 2135819 | 2140930 | 2133929 | 0.38 | cps |
| Barium | 137-1 | 3690712 | 3681020 | 3668141 | 3679958 | 0.31 | cps |
| Beryllium | 9-1 | 16903 | 17036 | 17293 | 17077 | 1.16 | cps |
| Bismuth | 209-1 | 9857499 | 9811359 | 9943453 | 9870771 | 0.68 | cps |
| Bismuth | 209-2 | 8289086 | 8260199 | 8237389 | 8262225 | 0.31 | cps |
| Bromine | 81-1 | 15545 | 16069 | 15258 | 15624 | 2.63 | cps |
| Bromine | 81-2 | 523 | 473 | 503 | 500 | 5.03 | cps |
| Cadmium | 108-1 | 21459 | 22364 | 22030 | 21951 | 2.08 | cps |
| Cadmium | 106-1 | 34611 | 35072 | 35263 | 34982 | 0.96 | cps |
| Cadmium | 111-1 | 317942 | 319451 | 317984 | 318459 | 0.27 | cps |
| Calcium | 43-1 | 2855902 | 2854443 | 2906381 | 2872242 | 1.03 | cps |
| Calcium | 44-1 | 45712866 | 45900764 | 46570474 | 46061368 | 0.98 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 415649 | 407102 | 413101 | 411951 | 1.07 | cps |
| Cobalt | 59-2 | 972597 | 974409 | 974173 | 973726 | 0.10 | cps |
| Copper | 63-2 | 535077 | 529803 | 530282 | 531721 | 0.55 | cps |
| Dysprosium | 156-1 | 77485 | 79659 | 79661 | 78935 | 1.59 | cps |
| Dysprosium | 156-2 | 65435 | 66141 | 65873 | 65817 | 0.54 | cps |
| Erbium | 164-1 | 65328 | 67904 | 66949 | 66727 | 1.95 | cps |
| Erbium | 164-2 | 48049 | 48032 | 48052 | 48044 | 0.02 | cps |
| Gadolinium | 160-1 | 78790 | 80307 | 78079 | 79059 | 1.44 | cps |
| Gadolinium | 160-2 | 60055 | 59351 | 59378 | 59595 | 0.67 | cps |
| Holmium | 165-1 | 16339221 | 16701228 | 16444888 | 16495112 | 1.13 | cps |
| Holmium | 165-2 | 11963386 | 11729025 | 11747269 | 11813226 | 1.10 | cps |
| Indium | 115-1 | 12938356 | 12970106 | 13047886 | 12985449 | 0.43 | cps |
| Indium | 115-2 | 4829018 | 4814661 | 4752328 | 4798669 | 0.85 | cps |
| Iron | 56-2 | 245304063 | 244982416 | 244330570 | 244872350 | 0.20 | cps |
| Iron | 57-2 | 6095418 | 6083442 | 6132710 | 6103857 | 0.42 | cps |
| Iron | 54-2 | 13325949 | 13428530 | 13261735 | 13338738 | 0.63 | cps |
| Krypton | 83-1 | 293 | 243 | 253 | 263 | 10.05 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:02:30 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2112596 | 2173178 | 2152156 | 2145977 | 1.43 | cps |
| Lead | 207-1 | 1641747 | 1657646 | 1658367 | 1652587 | 0.57 | cps |
| Lead | 208-1 | 8069279 | 8097548 | 8187437 | 8118088 | 0.76 | cps |
| Lithium | 6-1 | 2011950 | 2033667 | 2004654 | 2016757 | 0.75 | cps |
| Magnesium | 24-2 | 15718650 | 15678166 | 15727147 | 15707988 | 0.17 | cps |
| Manganese | 55-2 | 4295719 | 4327539 | 4247802 | 4290353 | 0.94 | cps |
| Molybdenum | 94-1 | 70107 | 73796 | 70569 | 71491 | 2.81 | cps |
| Molybdenum | 95-1 | 30398 | 30388 | 30719 | 30502 | 0.62 | cps |
| Molybdenum | 96-1 | 44752 | 45581 | 44849 | 45060 | 1.01 | cps |
| Molybdenum | 97-1 | 19036 | 19126 | 19189 | 19117 | 0.40 | cps |
| Molybdenum | 98-1 | 49213 | 49253 | 49283 | 49249 | 0.07 | cps |
| Neodymium | 150-1 | 120721 | 121825 | 122019 | 121522 | 0.58 | cps |
| Neodymium | 150-2 | 74613 | 74629 | 74174 | 74472 | 0.35 | cps |
| Nickel | 60-2 | 329283 | 328425 | 330195 | 329301 | 0.27 | cps |
| Phosphorus | 31-2 | 13790 | 13983 | 13843 | 13872 | 0.72 | cps |
| Potassium | 39-2 | 2117139 | 2083910 | 2104655 | 2101901 | 0.80 | cps |
| Rhodium | 103-1 | 11850928 | 11823242 | 11901598 | 11858589 | 0.34 | cps |
| Rhodium | 103-2 | 7087004 | 7093531 | 7033826 | 7071454 | 0.46 | cps |
| Scandium | 45-1 | 7034888 | 6952429 | 7064738 | 7017352 | 0.83 | cps |
| Scandium | 45-2 | 609766 | 607490 | 606157 | 607804 | 0.30 | cps |
| Selenium | 82-1 | 44098 | 44369 | 44513 | 44327 | 0.48 | cps |
| Selenium | 77-2 | 5064 | 4924 | 5031 | 5006 | 1.46 | cps |
| Selenium | 78-2 | 16539 | 16466 | 16736 | 16580 | 0.84 | cps |
| Silicon | 28-1 | 11154724 | 10606073 | 11602866 | 11121221 | 4.49 | cps |
| Silver | 107-1 | 157110 | 160095 | 159407 | 158870 | 0.98 | cps |
| Silver | 109-1 | 151324 | 151755 | 152045 | 151708 | 0.24 | cps |
| Sodium | 23-2 | 214928 | 217530 | 248837 | 227098 | 8.31 | cps |
| Strontium | 86-1 | 501560 | 502515 | 504040 | 502705 | 0.25 | cps |
| Strontium | 88-1 | 4442725 | 4455507 | 4456447 | 4451559 | 0.17 | cps |
| Sulfur | 34-1 | 240564 | 237748 | 241810 | 240040 | 0.87 | cps |
| Terbium | 159-1 | 16807781 | 16916931 | 16847043 | 16857252 | 0.33 | cps |
| Terbium | 159-2 | 11600844 | 11492125 | 11686936 | 11593301 | 0.84 | cps |
| Thallium | 203-1 | 2347663 | 2347645 | 2365826 | 2353711 | 0.45 | cps |
| Thallium | 205-1 | 5491006 | 5517200 | 5532497 | 5513568 | 0.38 | cps |
| Tin | 118-1 | 12165 | 12319 | 12199 | 12228 | 0.66 | cps |
| Titanium | 47-1 | 383815 | 389137 | 380685 | 384546 | 1.11 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:02:30 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 67396 | 68579 | 67089 | 67688 | 1.16 | cps |
| Vanadium | 51-2 | 664271 | 663518 | 663942 | 663910 | 0.06 | cps |
| Yttrium | 89-1 | 20598946 | 20782686 | 20717315 | 20699649 | 0.45 | cps |
| Yttrium | 89-2 | 5605459 | 5596037 | 5636580 | 5612692 | 0.38 | cps |
| Zinc | 66-2 | 250429 | 246590 | 248491 | 248503 | 0.77 | cps |
| Zirconium | 90-1 | 146266 | 149506 | 148633 | 148135 | 1.13 | cps |
| Zirconium | 91-1 | 32877 | 31808 | 32626 | 32437 | 1.72 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:05:37 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2435130 | 2451907 | 2448367 | 2445135 | 0.36 | cps |
| Antimony | 121-1 | 1723296 | 1750907 | 1765385 | 1746529 | 1.22 | cps |
| Arsenic | 75-2 | 140518 | 139794 | 141685 | 140665 | 0.68 | cps |
| Barium | 135-1 | 320203 | 326150 | 325367 | 323907 | 1.00 | cps |
| Barium | 137-1 | 564444 | 564364 | 569525 | 566111 | 0.52 | cps |
| Beryllium | 9-1 | 460 | 423 | 490 | 458 | 7.29 | cps |
| Bismuth | 209-1 | 10177859 | 10214488 | 10152343 | 10181563 | 0.31 | cps |
| Bismuth | 209-2 | 8539455 | 8439037 | 8474813 | 8484435 | 0.60 | cps |
| Bromine | 81-1 | 49349 | 51175 | 52282 | 50935 | 2.91 | cps |
| Bromine | 81-2 | 7782 | 8276 | 8066 | 8041 | 3.08 | cps |
| Cadmium | 108-1 | 513 | 557 | 517 | 529 | 4.56 | cps |
| Cadmium | 106-1 | 5558 | 5805 | 5521 | 5628 | 2.74 | cps |
| Cadmium | 111-1 | 5415 | 5516 | 5529 | 5487 | 1.14 | cps |
| Calcium | 43-1 | 917290 | 926881 | 924001 | 922724 | 0.53 | cps |
| Calcium | 44-1 | 14546778 | 14641915 | 14441200 | 14543298 | 0.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 139464 | 138906 | 139357 | 139242 | 0.21 | cps |
| Cobalt | 59-2 | 262653 | 261510 | 264058 | 262741 | 0.49 | cps |
| Copper | 63-2 | 2815318 | 2774162 | 2776305 | 2788595 | 0.83 | cps |
| Dysprosium | 156-1 | 25967 | 26652 | 27026 | 26548 | 2.02 | cps |
| Dysprosium | 156-2 | 22622 | 22622 | 22097 | 22447 | 1.35 | cps |
| Erbium | 164-1 | 22902 | 23032 | 23486 | 23140 | 1.33 | cps |
| Erbium | 164-2 | 16296 | 16486 | 16630 | 16471 | 1.02 | cps |
| Gadolinium | 160-1 | 26175 | 25837 | 26579 | 26197 | 1.42 | cps |
| Gadolinium | 160-2 | 19894 | 20592 | 20458 | 20315 | 1.82 | cps |
| Holmium | 165-1 | 16292345 | 16448700 | 16537266 | 16426104 | 0.75 | cps |
| Holmium | 165-2 | 11853831 | 11945238 | 11848645 | 11882571 | 0.46 | cps |
| Indium | 115-1 | 13168652 | 13174514 | 13337871 | 13227012 | 0.73 | cps |
| Indium | 115-2 | 5026492 | 4998946 | 5002288 | 5009242 | 0.30 | cps |
| Iron | 56-2 | 146858038 | 147458024 | 147359774 | 147225279 | 0.22 | cps |
| Iron | 57-2 | 3637807 | 3646839 | 3670254 | 3651634 | 0.46 | cps |
| Iron | 54-2 | 7983980 | 7975202 | 7981972 | 7980385 | 0.06 | cps |
| Krypton | 83-1 | 250 | 210 | 210 | 223 | 10.34 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:05:37 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3746442 | 3782559 | 3856987 | 3795329 | 1.49 | cps |
| Lead | 207-1 | 3259667 | 3227472 | 3319420 | 3268853 | 1.43 | cps |
| Lead | 208-1 | 14916168 | 14894375 | 15165906 | 14992150 | 1.01 | cps |
| Lithium | 6-1 | 1993479 | 2003904 | 2032639 | 2010007 | 1.01 | cps |
| Magnesium | 24-2 | 2530638 | 2525524 | 2493681 | 2516614 | 0.80 | cps |
| Manganese | 55-2 | 1115664 | 1118934 | 1118898 | 1117832 | 0.17 | cps |
| Molybdenum | 94-1 | 49082 | 48891 | 50904 | 49626 | 2.24 | cps |
| Molybdenum | 95-1 | 42358 | 42428 | 43568 | 42785 | 1.59 | cps |
| Molybdenum | 96-1 | 51423 | 52531 | 52467 | 52140 | 1.19 | cps |
| Molybdenum | 97-1 | 26648 | 27472 | 27336 | 27152 | 1.63 | cps |
| Molybdenum | 98-1 | 68657 | 69712 | 70526 | 69632 | 1.35 | cps |
| Neodymium | 150-1 | 42591 | 42728 | 42180 | 42499 | 0.67 | cps |
| Neodymium | 150-2 | 26091 | 26371 | 26932 | 26465 | 1.62 | cps |
| Nickel | 60-2 | 43256 | 42965 | 43817 | 43346 | 1.00 | cps |
| Phosphorus | 31-2 | 12565 | 12055 | 12559 | 12393 | 2.36 | cps |
| Potassium | 39-2 | 1331699 | 1341630 | 1303954 | 1325761 | 1.47 | cps |
| Rhodium | 103-1 | 11943197 | 12031554 | 12030396 | 12001716 | 0.42 | cps |
| Rhodium | 103-2 | 7241453 | 7263297 | 7266156 | 7256969 | 0.19 | cps |
| Scandium | 45-1 | 6875507 | 6955779 | 6886592 | 6905959 | 0.63 | cps |
| Scandium | 45-2 | 609226 | 609205 | 607040 | 608491 | 0.21 | cps |
| Selenium | 82-1 | 296 | 356 | 346 | 333 | 9.62 | cps |
| Selenium | 77-2 | 93 | 80 | 90 | 88 | 7.90 | cps |
| Selenium | 78-2 | 523 | 523 | 467 | 504 | 6.49 | cps |
| Silicon | 28-1 | 8769336 | 9877839 | 9236503 | 9294559 | 5.99 | cps |
| Silver | 107-1 | 23916 | 23706 | 24304 | 23975 | 1.26 | cps |
| Silver | 109-1 | 22705 | 22968 | 22875 | 22849 | 0.59 | cps |
| Sodium | 23-2 | 8863336 | 8831481 | 8932640 | 8875819 | 0.58 | cps |
| Strontium | 86-1 | 848319 | 851532 | 857884 | 852578 | 0.57 | cps |
| Strontium | 88-1 | 7562958 | 7631853 | 7449777 | 7548196 | 1.22 | cps |
| Sulfur | 34-1 | 350288 | 350837 | 351457 | 350861 | 0.17 | cps |
| Terbium | 159-1 | 16739620 | 16733706 | 16883978 | 16785768 | 0.51 | cps |
| Terbium | 159-2 | 11746872 | 11634135 | 11684983 | 11688664 | 0.48 | cps |
| Thallium | 203-1 | 4261 | 3964 | 4054 | 4093 | 3.72 | cps |
| Thallium | 205-1 | 9977 | 9854 | 9864 | 9898 | 0.69 | cps |
| Tin | 118-1 | 396302 | 404680 | 405734 | 402239 | 1.28 | cps |
| Titanium | 47-1 | 775104 | 779373 | 780036 | 778171 | 0.34 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:05:37 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 55733 | 55478 | 55760 | 55657 | 0.28 | cps |
| Vanadium | 51-2 | 166365 | 167937 | 166850 | 167051 | 0.48 | cps |
| Yttrium | 89-1 | 20088008 | 20050791 | 19815961 | 19984920 | 0.74 | cps |
| Yttrium | 89-2 | 5555656 | 5517885 | 5473087 | 5515542 | 0.75 | cps |
| Zinc | 66-2 | 1688103 | 1705504 | 1690505 | 1694704 | 0.56 | cps |
| Zirconium | 90-1 | 65888 | 67875 | 67401 | 67054 | 1.55 | cps |
| Zirconium | 91-1 | 14724 | 14794 | 14671 | 14730 | 0.42 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:08:43 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2490147 | 2488948 | 2455053 | 2478049 | 0.80 | cps |
| Antimony | 121-1 | 1777340 | 1777904 | 1791298 | 1782181 | 0.44 | cps |
| Arsenic | 75-2 | 144677 | 143680 | 144754 | 144370 | 0.41 | cps |
| Barium | 135-1 | 325817 | 328151 | 330074 | 328014 | 0.65 | cps |
| Barium | 137-1 | 562817 | 571830 | 572496 | 569048 | 0.95 | cps |
| Beryllium | 9-1 | 457 | 447 | 507 | 470 | 6.84 | cps |
| Bismuth | 209-1 | 10107514 | 10077628 | 10098440 | 10094527 | 0.15 | cps |
| Bismuth | 209-2 | 8518206 | 8429443 | 8367839 | 8438496 | 0.90 | cps |
| Bromine | 81-1 | 51884 | 53098 | 55009 | 53330 | 2.95 | cps |
| Bromine | 81-2 | 8436 | 8186 | 8146 | 8256 | 1.90 | cps |
| Cadmium | 108-1 | 503 | 433 | 463 | 467 | 7.53 | cps |
| Cadmium | 106-1 | 5378 | 5454 | 5198 | 5343 | 2.47 | cps |
| Cadmium | 111-1 | 5227 | 5314 | 5494 | 5345 | 2.55 | cps |
| Calcium | 43-1 | 936963 | 949430 | 943848 | 943414 | 0.66 | cps |
| Calcium | 44-1 | 14697581 | 14868553 | 14744698 | 14770277 | 0.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 143239 | 141456 | 141177 | 141957 | 0.79 | cps |
| Cobalt | 59-2 | 268896 | 267395 | 266307 | 267532 | 0.49 | cps |
| Copper | 63-2 | 2843754 | 2824256 | 2817165 | 2828391 | 0.49 | cps |
| Dysprosium | 156-1 | 26168 | 26248 | 26999 | 26472 | 1.73 | cps |
| Dysprosium | 156-2 | 22728 | 22074 | 22131 | 22311 | 1.62 | cps |
| Erbium | 164-1 | 23256 | 23997 | 23657 | 23637 | 1.57 | cps |
| Erbium | 164-2 | 16703 | 16743 | 17111 | 16852 | 1.33 | cps |
| Gadolinium | 160-1 | 26228 | 26298 | 26321 | 26282 | 0.19 | cps |
| Gadolinium | 160-2 | 20552 | 20549 | 20211 | 20437 | 0.96 | cps |
| Holmium | 165-1 | 16623946 | 16428874 | 16681250 | 16578023 | 0.80 | cps |
| Holmium | 165-2 | 11767571 | 11919655 | 11643680 | 11776969 | 1.17 | cps |
| Indium | 115-1 | 13336104 | 13288715 | 13277109 | 13300643 | 0.23 | cps |
| Indium | 115-2 | 4988134 | 5070933 | 4999657 | 5019575 | 0.89 | cps |
| Iron | 56-2 | 150863881 | 149205428 | 149189914 | 149753074 | 0.64 | cps |
| Iron | 57-2 | 3700110 | 3684990 | 3696414 | 3693838 | 0.21 | cps |
| Iron | 54-2 | 8253387 | 8229731 | 8176059 | 8219726 | 0.48 | cps |
| Krypton | 83-1 | 280 | 233 | 243 | 252 | 9.74 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:08:43 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3795197 | 3854626 | 3801965 | 3817263 | 0.85 | cps |
| Lead | 207-1 | 3288442 | 3337596 | 3360284 | 3328774 | 1.10 | cps |
| Lead | 208-1 | 15030211 | 15207080 | 15151602 | 15129631 | 0.60 | cps |
| Lithium | 6-1 | 2019932 | 1985936 | 2002832 | 2002900 | 0.85 | cps |
| Magnesium | 24-2 | 2593348 | 2555246 | 2564914 | 2571169 | 0.77 | cps |
| Manganese | 55-2 | 1143808 | 1148115 | 1133692 | 1141872 | 0.65 | cps |
| Molybdenum | 94-1 | 48226 | 49563 | 50122 | 49304 | 1.98 | cps |
| Molybdenum | 95-1 | 43274 | 44524 | 43033 | 43610 | 1.84 | cps |
| Molybdenum | 96-1 | 53220 | 53076 | 53474 | 53257 | 0.38 | cps |
| Molybdenum | 97-1 | 27583 | 27780 | 27499 | 27621 | 0.52 | cps |
| Molybdenum | 98-1 | 69702 | 71400 | 71132 | 70745 | 1.29 | cps |
| Neodymium | 150-1 | 42932 | 43734 | 43166 | 43277 | 0.95 | cps |
| Neodymium | 150-2 | 26398 | 26568 | 26104 | 26357 | 0.89 | cps |
| Nickel | 60-2 | 44205 | 44181 | 44188 | 44192 | 0.03 | cps |
| Phosphorus | 31-2 | 12425 | 12665 | 12408 | 12500 | 1.15 | cps |
| Potassium | 39-2 | 1361114 | 1361939 | 1360655 | 1361236 | 0.05 | cps |
| Rhodium | 103-1 | 12097207 | 12143281 | 12078908 | 12106465 | 0.27 | cps |
| Rhodium | 103-2 | 7291369 | 7338442 | 7341126 | 7323646 | 0.38 | cps |
| Scandium | 45-1 | 7056021 | 7031945 | 7004015 | 7030660 | 0.37 | cps |
| Scandium | 45-2 | 622600 | 618880 | 610585 | 617355 | 1.00 | cps |
| Selenium | 82-1 | 324 | 372 | 326 | 341 | 7.95 | cps |
| Selenium | 77-2 | 73 | 107 | 83 | 88 | 19.49 | cps |
| Selenium | 78-2 | 527 | 507 | 437 | 490 | 9.64 | cps |
| Silicon | 28-1 | 8939573 | 9441242 | 8108509 | 8829775 | 7.62 | cps |
| Silver | 107-1 | 24043 | 24377 | 24230 | 24217 | 0.69 | cps |
| Silver | 109-1 | 22608 | 23289 | 23285 | 23061 | 1.70 | cps |
| Sodium | 23-2 | 9149869 | 9097158 | 9091554 | 9112860 | 0.35 | cps |
| Strontium | 86-1 | 858556 | 869644 | 867038 | 865079 | 0.67 | cps |
| Strontium | 88-1 | 7679377 | 7844459 | 7749983 | 7757940 | 1.07 | cps |
| Sulfur | 34-1 | 352060 | 352207 | 353578 | 352615 | 0.24 | cps |
| Terbium | 159-1 | 16751694 | 16873162 | 17002066 | 16875641 | 0.74 | cps |
| Terbium | 159-2 | 11668234 | 11688663 | 11600205 | 11652367 | 0.40 | cps |
| Thallium | 203-1 | 3530 | 3527 | 3551 | 3536 | 0.36 | cps |
| Thallium | 205-1 | 8166 | 8566 | 7956 | 8229 | 3.77 | cps |
| Tin | 118-1 | 403522 | 406265 | 403730 | 404505 | 0.38 | cps |
| Titanium | 47-1 | 798881 | 802351 | 794318 | 798517 | 0.50 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:08:43 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 55244 | 55827 | 55562 | 55544 | 0.53 | cps |
| Vanadium | 51-2 | 171087 | 170986 | 170720 | 170931 | 0.11 | cps |
| Yttrium | 89-1 | 20462987 | 20446147 | 20442039 | 20450391 | 0.05 | cps |
| Yttrium | 89-2 | 5583223 | 5621892 | 5602622 | 5602579 | 0.35 | cps |
| Zinc | 66-2 | 1716079 | 1720714 | 1690947 | 1709247 | 0.94 | cps |
| Zirconium | 90-1 | 66771 | 68750 | 66882 | 67468 | 1.65 | cps |
| Zirconium | 91-1 | 15903 | 15322 | 15482 | 15569 | 1.93 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:11:51 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 491531 | 489799 | 485991 | 489107 | 0.58 | cps |
| Antimony | 121-1 | 336449 | 336003 | 338297 | 336916 | 0.36 | cps |
| Arsenic | 75-2 | 28865 | 29272 | 28791 | 28976 | 0.89 | cps |
| Barium | 135-1 | 65064 | 64947 | 64783 | 64931 | 0.22 | cps |
| Barium | 137-1 | 113567 | 114171 | 113290 | 113676 | 0.40 | cps |
| Beryllium | 9-1 | 103 | 127 | 183 | 138 | 29.86 | cps |
| Bismuth | 209-1 | 9736894 | 9698850 | 9605883 | 9680542 | 0.70 | cps |
| Bismuth | 209-2 | 8372896 | 8341283 | 8334852 | 8349677 | 0.24 | cps |
| Bromine | 81-1 | 23115 | 23148 | 23279 | 23181 | 0.37 | cps |
| Bromine | 81-2 | 1840 | 1810 | 1810 | 1820 | 0.95 | cps |
| Cadmium | 108-1 | 70 | 97 | 113 | 93 | 23.42 | cps |
| Cadmium | 106-1 | 4938 | 4931 | 4614 | 4828 | 3.83 | cps |
| Cadmium | 111-1 | 1892 | 1857 | 1843 | 1864 | 1.36 | cps |
| Calcium | 43-1 | 190806 | 191883 | 192245 | 191645 | 0.39 | cps |
| Calcium | 44-1 | 3003355 | 3045270 | 2965141 | 3004589 | 1.33 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30304 | 30103 | 30387 | 30265 | 0.48 | cps |
| Cobalt | 59-2 | 54870 | 54759 | 54753 | 54794 | 0.12 | cps |
| Copper | 63-2 | 571768 | 574407 | 571403 | 572526 | 0.29 | cps |
| Dysprosium | 156-1 | 5311 | 5311 | 5338 | 5320 | 0.29 | cps |
| Dysprosium | 156-2 | 4414 | 4304 | 4571 | 4430 | 3.03 | cps |
| Erbium | 164-1 | 4574 | 4734 | 4497 | 4602 | 2.62 | cps |
| Erbium | 164-2 | 3564 | 3314 | 3267 | 3382 | 4.72 | cps |
| Gadolinium | 160-1 | 4881 | 5221 | 5261 | 5121 | 4.08 | cps |
| Gadolinium | 160-2 | 4524 | 4521 | 4411 | 4485 | 1.44 | cps |
| Holmium | 165-1 | 16220935 | 16030001 | 15985545 | 16078827 | 0.78 | cps |
| Holmium | 165-2 | 11579247 | 11616420 | 11518722 | 11571463 | 0.43 | cps |
| Indium | 115-1 | 13189385 | 13192506 | 13057202 | 13146365 | 0.59 | cps |
| Indium | 115-2 | 4990557 | 4953377 | 4916922 | 4953619 | 0.74 | cps |
| Iron | 56-2 | 30433207 | 30551140 | 30549054 | 30511133 | 0.22 | cps |
| Iron | 57-2 | 764652 | 762914 | 763279 | 763615 | 0.12 | cps |
| Iron | 54-2 | 1712165 | 1676108 | 1677028 | 1688433 | 1.22 | cps |
| Krypton | 83-1 | 230 | 167 | 240 | 212 | 18.74 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:11:51 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 708454 | 711769 | 706859 | 709027 | 0.35 | cps |
| Lead | 207-1 | 603836 | 605038 | 602526 | 603800 | 0.21 | cps |
| Lead | 208-1 | 2771108 | 2798997 | 2775083 | 2781729 | 0.54 | cps |
| Lithium | 6-1 | 1978876 | 1961958 | 1977065 | 1972633 | 0.47 | cps |
| Magnesium | 24-2 | 495217 | 498938 | 493864 | 496006 | 0.53 | cps |
| Manganese | 55-2 | 232329 | 234056 | 233500 | 233295 | 0.38 | cps |
| Molybdenum | 94-1 | 9793 | 10110 | 9850 | 9918 | 1.70 | cps |
| Molybdenum | 95-1 | 8950 | 9386 | 8826 | 9054 | 3.25 | cps |
| Molybdenum | 96-1 | 10731 | 10661 | 10624 | 10672 | 0.51 | cps |
| Molybdenum | 97-1 | 5648 | 5761 | 5738 | 5716 | 1.05 | cps |
| Molybdenum | 98-1 | 13893 | 14407 | 14324 | 14208 | 1.94 | cps |
| Neodymium | 150-1 | 8192 | 8232 | 8736 | 8387 | 3.61 | cps |
| Neodymium | 150-2 | 5478 | 5461 | 5004 | 5314 | 5.06 | cps |
| Nickel | 60-2 | 9556 | 9290 | 9890 | 9579 | 3.14 | cps |
| Phosphorus | 31-2 | 2564 | 2657 | 2604 | 2608 | 1.80 | cps |
| Potassium | 39-2 | 326798 | 327898 | 330095 | 328264 | 0.51 | cps |
| Rhodium | 103-1 | 12161896 | 12205881 | 12175248 | 12181008 | 0.19 | cps |
| Rhodium | 103-2 | 7312738 | 7406008 | 7314107 | 7344284 | 0.73 | cps |
| Scandium | 45-1 | 7029997 | 7064065 | 6998956 | 7031006 | 0.46 | cps |
| Scandium | 45-2 | 623828 | 624034 | 621489 | 623117 | 0.23 | cps |
| Selenium | 82-1 | 213 | 218 | 133 | 188 | 25.52 | cps |
| Selenium | 77-2 | 13 | 27 | 27 | 22 | 34.66 | cps |
| Selenium | 78-2 | 560 | 477 | 503 | 513 | 8.29 | cps |
| Silicon | 28-1 | 2308489 | 2901883 | 2321435 | 2510602 | 13.50 | cps |
| Silver | 107-1 | 4677 | 4771 | 4677 | 4709 | 1.14 | cps |
| Silver | 109-1 | 4781 | 4561 | 4627 | 4656 | 2.42 | cps |
| Sodium | 23-2 | 1885627 | 1884784 | 1868508 | 1879640 | 0.51 | cps |
| Strontium | 86-1 | 171058 | 172878 | 174166 | 172701 | 0.90 | cps |
| Strontium | 88-1 | 1534079 | 1542834 | 1538800 | 1538571 | 0.28 | cps |
| Sulfur | 34-1 | 223068 | 224782 | 221096 | 222982 | 0.83 | cps |
| Terbium | 159-1 | 16490243 | 16419735 | 16659180 | 16523053 | 0.74 | cps |
| Terbium | 159-2 | 11473817 | 11505776 | 11453331 | 11477641 | 0.23 | cps |
| Thallium | 203-1 | 853 | 870 | 820 | 848 | 3.00 | cps |
| Thallium | 205-1 | 2137 | 2084 | 2077 | 2099 | 1.57 | cps |
| Tin | 118-1 | 80473 | 80979 | 82575 | 81342 | 1.35 | cps |
| Titanium | 47-1 | 164400 | 162253 | 160978 | 162544 | 1.06 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:11:51 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 10684 | 10451 | 11135 | 10757 | 3.23 | cps |
| Vanadium | 51-2 | 34800 | 34920 | 35362 | 35027 | 0.84 | cps |
| Yttrium | 89-1 | 20133638 | 19964488 | 19831383 | 19976503 | 0.76 | cps |
| Yttrium | 89-2 | 5498241 | 5574404 | 5574224 | 5548956 | 0.79 | cps |
| Zinc | 66-2 | 349879 | 348588 | 347752 | 348740 | 0.31 | cps |
| Zirconium | 90-1 | 14534 | 13393 | 13306 | 13744 | 4.98 | cps |
| Zirconium | 91-1 | 3164 | 3027 | 2940 | 3044 | 3.70 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06RE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:15:06 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2540615 | 2477904 | 2498903 | 2505807 | 1.27 | cps |
| Antimony | 121-1 | 1716158 | 1731542 | 1749545 | 1732415 | 0.96 | cps |
| Arsenic | 75-2 | 146164 | 145309 | 143449 | 144974 | 0.96 | cps |
| Barium | 135-1 | 323681 | 328283 | 325294 | 325753 | 0.72 | cps |
| Barium | 137-1 | 561560 | 568088 | 566958 | 565535 | 0.62 | cps |
| Beryllium | 9-1 | 390 | 473 | 443 | 436 | 9.69 | cps |
| Bismuth | 209-1 | 9899332 | 10069657 | 9929093 | 9966027 | 0.91 | cps |
| Bismuth | 209-2 | 8294435 | 8351169 | 8388672 | 8344759 | 0.57 | cps |
| Bromine | 81-1 | 49523 | 50924 | 53577 | 51341 | 4.01 | cps |
| Bromine | 81-2 | 8022 | 7839 | 7762 | 7874 | 1.70 | cps |
| Cadmium | 108-1 | 463 | 537 | 623 | 541 | 14.80 | cps |
| Cadmium | 106-1 | 5788 | 5731 | 5558 | 5692 | 2.11 | cps |
| Cadmium | 111-1 | 5361 | 5444 | 5443 | 5416 | 0.88 | cps |
| Calcium | 43-1 | 942831 | 951224 | 944292 | 946116 | 0.47 | cps |
| Calcium | 44-1 | 14704093 | 15051762 | 14880994 | 14878950 | 1.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 143357 | 143336 | 143336 | 143343 | 0.01 | cps |
| Cobalt | 59-2 | 271850 | 271022 | 271542 | 271471 | 0.15 | cps |
| Copper | 63-2 | 2878027 | 2920750 | 2850566 | 2883114 | 1.23 | cps |
| Dysprosium | 156-1 | 26485 | 27216 | 25603 | 26435 | 3.06 | cps |
| Dysprosium | 156-2 | 22518 | 22251 | 22642 | 22470 | 0.89 | cps |
| Erbium | 164-1 | 23253 | 22705 | 23343 | 23100 | 1.49 | cps |
| Erbium | 164-2 | 17017 | 16386 | 16934 | 16779 | 2.04 | cps |
| Gadolinium | 160-1 | 26018 | 25647 | 26041 | 25902 | 0.85 | cps |
| Gadolinium | 160-2 | 20682 | 20081 | 19641 | 20135 | 2.60 | cps |
| Holmium | 165-1 | 16589804 | 16414863 | 16448223 | 16484297 | 0.56 | cps |
| Holmium | 165-2 | 11916891 | 11800435 | 11854479 | 11857268 | 0.49 | cps |
| Indium | 115-1 | 13544953 | 13500842 | 13477140 | 13507645 | 0.25 | cps |
| Indium | 115-2 | 5044487 | 5032272 | 5115814 | 5064191 | 0.89 | cps |
| Iron | 56-2 | 152413481 | 150488878 | 151322254 | 151408204 | 0.64 | cps |
| Iron | 57-2 | 3760065 | 3747093 | 3768162 | 3758440 | 0.28 | cps |
| Iron | 54-2 | 8260081 | 8188321 | 8233093 | 8227165 | 0.44 | cps |
| Krypton | 83-1 | 187 | 257 | 257 | 233 | 17.32 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06RE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:15:06 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3657873 | 3731047 | 3739006 | 3709308 | 1.21 | cps |
| Lead | 207-1 | 3128240 | 3237546 | 3263655 | 3209814 | 2.24 | cps |
| Lead | 208-1 | 14380288 | 14759354 | 14771614 | 14637085 | 1.52 | cps |
| Lithium | 6-1 | 2024560 | 1999897 | 2027346 | 2017268 | 0.75 | cps |
| Magnesium | 24-2 | 2626349 | 2554009 | 2587765 | 2589374 | 1.40 | cps |
| Manganese | 55-2 | 1151177 | 1152486 | 1144868 | 1149510 | 0.35 | cps |
| Molybdenum | 94-1 | 47042 | 47554 | 48567 | 47721 | 1.63 | cps |
| Molybdenum | 95-1 | 43020 | 43648 | 43123 | 43264 | 0.78 | cps |
| Molybdenum | 96-1 | 52628 | 51925 | 52035 | 52196 | 0.72 | cps |
| Molybdenum | 97-1 | 27082 | 26918 | 27329 | 27110 | 0.76 | cps |
| Molybdenum | 98-1 | 69340 | 70154 | 70479 | 69991 | 0.84 | cps |
| Neodymium | 150-1 | 43517 | 42591 | 42798 | 42969 | 1.13 | cps |
| Neodymium | 150-2 | 26435 | 26248 | 26091 | 26258 | 0.66 | cps |
| Nickel | 60-2 | 44409 | 44232 | 45245 | 44628 | 1.21 | cps |
| Phosphorus | 31-2 | 12986 | 12672 | 12989 | 12882 | 1.41 | cps |
| Potassium | 39-2 | 1391414 | 1351826 | 1370239 | 1371160 | 1.44 | cps |
| Rhodium | 103-1 | 12404034 | 12151474 | 12260252 | 12271920 | 1.03 | cps |
| Rhodium | 103-2 | 7444624 | 7279122 | 7393164 | 7372304 | 1.15 | cps |
| Scandium | 45-1 | 7176051 | 7136265 | 7167264 | 7159860 | 0.29 | cps |
| Scandium | 45-2 | 628985 | 627194 | 627732 | 627970 | 0.15 | cps |
| Selenium | 82-1 | 404 | 327 | 265 | 332 | 21.00 | cps |
| Selenium | 77-2 | 83 | 87 | 133 | 101 | 27.65 | cps |
| Selenium | 78-2 | 573 | 567 | 503 | 548 | 7.05 | cps |
| Silicon | 28-1 | 6971436 | 7165550 | 6983461 | 7040149 | 1.54 | cps |
| Silver | 107-1 | 23836 | 24454 | 24694 | 24328 | 1.82 | cps |
| Silver | 109-1 | 23105 | 23102 | 23162 | 23123 | 0.15 | cps |
| Sodium | 23-2 | 9131334 | 9112653 | 9099160 | 9114382 | 0.18 | cps |
| Strontium | 86-1 | 868925 | 862569 | 869859 | 867118 | 0.46 | cps |
| Strontium | 88-1 | 7746343 | 7739633 | 7653560 | 7713178 | 0.67 | cps |
| Sulfur | 34-1 | 359263 | 355331 | 357187 | 357261 | 0.55 | cps |
| Terbium | 159-1 | 16883171 | 16774508 | 16895957 | 16851212 | 0.40 | cps |
| Terbium | 159-2 | 11654846 | 11565036 | 11669699 | 11629860 | 0.49 | cps |
| Thallium | 203-1 | 3280 | 3357 | 3177 | 3272 | 2.76 | cps |
| Thallium | 205-1 | 7566 | 7916 | 7779 | 7753 | 2.28 | cps |
| Tin | 118-1 | 400230 | 403114 | 402293 | 401879 | 0.37 | cps |
| Titanium | 47-1 | 807074 | 808490 | 808414 | 807992 | 0.10 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06RE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:15:06 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 54726 | 54528 | 55311 | 54855 | 0.74 | cps |
| Vanadium | 51-2 | 173841 | 171141 | 171454 | 172145 | 0.86 | cps |
| Yttrium | 89-1 | 20630947 | 20531391 | 20361068 | 20507802 | 0.67 | cps |
| Yttrium | 89-2 | 5723616 | 5666184 | 5644502 | 5678101 | 0.72 | cps |
| Zinc | 66-2 | 1745353 | 1747072 | 1737939 | 1743455 | 0.28 | cps |
| Zirconium | 90-1 | 63450 | 64380 | 63734 | 63855 | 0.75 | cps |
| Zirconium | 91-1 | 14300 | 14120 | 14584 | 14335 | 1.63 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:18:14 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 29776 | 28356 | 28734 | 28955 | 2.54 | cps |
| Antimony | 121-1 | 3287 | 2914 | 2904 | 3035 | 7.20 | cps |
| Arsenic | 75-2 | 457 | 403 | 397 | 419 | 7.85 | cps |
| Barium | 135-1 | 3367 | 3614 | 3367 | 3449 | 4.13 | cps |
| Barium | 137-1 | 5995 | 6001 | 5951 | 5982 | 0.45 | cps |
| Beryllium | 9-1 | 110 | 57 | 90 | 86 | 31.49 | cps |
| Bismuth | 209-1 | 9787779 | 9747321 | 9794418 | 9776506 | 0.26 | cps |
| Bismuth | 209-2 | 8332812 | 8330357 | 8302614 | 8321928 | 0.20 | cps |
| Bromine | 81-1 | 18775 | 18578 | 18161 | 18505 | 1.69 | cps |
| Bromine | 81-2 | 940 | 877 | 970 | 929 | 5.13 | cps |
| Cadmium | 108-1 | 20 | 17 | 30 | 22 | 31.22 | cps |
| Cadmium | 106-1 | 4924 | 4934 | 4361 | 4740 | 6.93 | cps |
| Cadmium | 111-1 | 1013 | 1030 | 909 | 984 | 6.66 | cps |
| Calcium | 43-1 | 637944 | 634326 | 627469 | 633246 | 0.84 | cps |
| Calcium | 44-1 | 10102741 | 10112589 | 9815169 | 10010166 | 1.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5321 | 5134 | 5168 | 5208 | 1.91 | cps |
| Cobalt | 59-2 | 1960 | 1947 | 1917 | 1941 | 1.14 | cps |
| Copper | 63-2 | 30708 | 30655 | 30842 | 30735 | 0.31 | cps |
| Dysprosium | 156-1 | 680 | 793 | 743 | 739 | 7.69 | cps |
| Dysprosium | 156-2 | 500 | 493 | 563 | 519 | 7.45 | cps |
| Erbium | 164-1 | 1327 | 1280 | 1213 | 1273 | 4.47 | cps |
| Erbium | 164-2 | 900 | 880 | 813 | 864 | 5.25 | cps |
| Gadolinium | 160-1 | 867 | 867 | 937 | 890 | 4.54 | cps |
| Gadolinium | 160-2 | 1273 | 1257 | 1217 | 1249 | 2.33 | cps |
| Holmium | 165-1 | 16014864 | 16042659 | 15931292 | 15996272 | 0.36 | cps |
| Holmium | 165-2 | 11546039 | 11604124 | 11555609 | 11568591 | 0.27 | cps |
| Indium | 115-1 | 13184226 | 13113519 | 12956889 | 13084878 | 0.89 | cps |
| Indium | 115-2 | 4895709 | 4868025 | 4945692 | 4903142 | 0.80 | cps |
| Iron | 56-2 | 921038 | 914924 | 903623 | 913195 | 0.97 | cps |
| Iron | 57-2 | 33858 | 33942 | 34028 | 33943 | 0.25 | cps |
| Iron | 54-2 | 51879 | 51334 | 51307 | 51507 | 0.63 | cps |
| Krypton | 83-1 | 190 | 200 | 203 | 198 | 3.51 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:18:14 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3531 | 3167 | 2700 | 3133 | 13.29 | cps |
| Lead | 207-1 | 3300 | 2770 | 2447 | 2839 | 15.18 | cps |
| Lead | 208-1 | 14316 | 12666 | 11132 | 12705 | 12.54 | cps |
| Lithium | 6-1 | 1969383 | 1972747 | 1952466 | 1964865 | 0.55 | cps |
| Magnesium | 24-2 | 2007151 | 2005746 | 1992394 | 2001764 | 0.41 | cps |
| Manganese | 55-2 | 41668 | 41246 | 40638 | 41184 | 1.26 | cps |
| Molybdenum | 94-1 | 5171 | 4894 | 5188 | 5084 | 3.24 | cps |
| Molybdenum | 95-1 | 2970 | 3050 | 2920 | 2980 | 2.20 | cps |
| Molybdenum | 96-1 | 3757 | 3951 | 3754 | 3821 | 2.95 | cps |
| Molybdenum | 97-1 | 1850 | 1837 | 1967 | 1885 | 3.80 | cps |
| Molybdenum | 98-1 | 4934 | 5041 | 4978 | 4984 | 1.08 | cps |
| Neodymium | 150-1 | 773 | 763 | 737 | 758 | 2.50 | cps |
| Neodymium | 150-2 | 503 | 470 | 347 | 440 | 18.76 | cps |
| Nickel | 60-2 | 4361 | 3947 | 3897 | 4068 | 6.25 | cps |
| Phosphorus | 31-2 | 370 | 353 | 413 | 379 | 8.17 | cps |
| Potassium | 39-2 | 380167 | 373312 | 370709 | 374729 | 1.30 | cps |
| Rhodium | 103-1 | 12306116 | 12206670 | 12035203 | 12182663 | 1.12 | cps |
| Rhodium | 103-2 | 7204012 | 7080969 | 7104532 | 7129838 | 0.92 | cps |
| Scandium | 45-1 | 7147981 | 7030978 | 6928227 | 7035729 | 1.56 | cps |
| Scandium | 45-2 | 600415 | 596689 | 594491 | 597198 | 0.50 | cps |
| Selenium | 82-1 | 429 | 368 | 403 | 400 | 7.61 | cps |
| Selenium | 77-2 | 27 | 3 | 47 | 26 | 84.88 | cps |
| Selenium | 78-2 | 523 | 457 | 450 | 477 | 8.51 | cps |
| Silicon | 28-1 | 55445824 | 54859381 | 54206784 | 54837330 | 1.13 | cps |
| Silver | 107-1 | 213 | 213 | 217 | 214 | 0.90 | cps |
| Silver | 109-1 | 147 | 153 | 140 | 147 | 4.55 | cps |
| Sodium | 23-2 | 7012545 | 6834487 | 6864206 | 6903746 | 1.38 | cps |
| Strontium | 86-1 | 108294 | 108969 | 106491 | 107918 | 1.19 | cps |
| Strontium | 88-1 | 943053 | 933002 | 933062 | 936372 | 0.62 | cps |
| Sulfur | 34-1 | 365235 | 358360 | 355615 | 359737 | 1.38 | cps |
| Terbium | 159-1 | 16637548 | 16475184 | 16570721 | 16561151 | 0.49 | cps |
| Terbium | 159-2 | 11443737 | 11276321 | 11438835 | 11386297 | 0.84 | cps |
| Thallium | 203-1 | 327 | 257 | 307 | 297 | 12.15 | cps |
| Thallium | 205-1 | 813 | 737 | 670 | 740 | 9.69 | cps |
| Tin | 118-1 | 2624 | 2354 | 2477 | 2485 | 5.44 | cps |
| Titanium | 47-1 | 4101 | 4038 | 5799 | 4646 | 21.51 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:18:14 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3794 | 3597 | 3554 | 3648 | 3.51 | cps |
| Vanadium | 51-2 | 6001 | 5825 | 5838 | 5888 | 1.67 | cps |
| Yttrium | 89-1 | 20013721 | 19971515 | 19727506 | 19904247 | 0.78 | cps |
| Yttrium | 89-2 | 5469240 | 5372210 | 5439407 | 5426952 | 0.92 | cps |
| Zinc | 66-2 | 1603 | 1580 | 1507 | 1563 | 3.23 | cps |
| Zirconium | 90-1 | 15051 | 9370 | 9396 | 11272 | 29.03 | cps |
| Zirconium | 91-1 | 2147 | 2184 | 2014 | 2115 | 4.23 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:21:46 | DataFile Name : | 084CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13338558 | 13502165 | 13238330 | 13359685 | 1.00 | cps |
| Antimony | 121-1 | 5978637 | 5936758 | 5914407 | 5943267 | 0.55 | cps |
| Arsenic | 75-2 | 284193 | 284597 | 284743 | 284511 | 0.10 | cps |
| Barium | 135-1 | 7659125 | 7802674 | 7653211 | 7705003 | 1.10 | cps |
| Barium | 137-1 | 13296677 | 13384473 | 13229574 | 13303575 | 0.58 | cps |
| Beryllium | 9-1 | 692107 | 698844 | 683201 | 691384 | 1.13 | cps |
| Bismuth | 209-1 | 9039963 | 8890179 | 8846078 | 8925407 | 1.14 | cps |
| Bismuth | 209-2 | 7376085 | 7436273 | 7371236 | 7394531 | 0.49 | cps |
| Bromine | 81-1 | 14327 | 13666 | 13323 | 13772 | 3.71 | cps |
| Bromine | 81-2 | 183 | 220 | 167 | 190 | 14.36 | cps |
| Cadmium | 108-1 | 107639 | 108425 | 106414 | 107492 | 0.94 | cps |
| Cadmium | 106-1 | 155920 | 155431 | 153599 | 154983 | 0.79 | cps |
| Cadmium | 111-1 | 1456342 | 1472362 | 1435077 | 1454594 | 1.29 | cps |
| Calcium | 43-1 | 7599466 | 7510502 | 7376070 | 7495346 | 1.50 | cps |
| Calcium | 44-1 | 120303245 | 119088632 | 118072735 | 119154870 | 0.94 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2212247 | 2193252 | 2211021 | 2205507 | 0.48 | cps |
| Cobalt | 59-2 | 3457965 | 3405372 | 3420709 | 3428015 | 0.79 | cps |
| Copper | 63-2 | 24018147 | 23687526 | 23694915 | 23800196 | 0.79 | cps |
| Dysprosium | 156-1 | 360 | 327 | 323 | 337 | 6.02 | cps |
| Dysprosium | 156-2 | 520 | 470 | 613 | 534 | 13.61 | cps |
| Erbium | 164-1 | 277 | 437 | 333 | 349 | 23.25 | cps |
| Erbium | 164-2 | 173 | 237 | 277 | 229 | 22.76 | cps |
| Gadolinium | 160-1 | 280 | 327 | 277 | 294 | 9.49 | cps |
| Gadolinium | 160-2 | 730 | 750 | 820 | 767 | 6.16 | cps |
| Holmium | 165-1 | 15743903 | 15567170 | 15249638 | 15520237 | 1.61 | cps |
| Holmium | 165-2 | 11026115 | 10957851 | 11048209 | 11010725 | 0.43 | cps |
| Indium | 115-1 | 11946677 | 11751067 | 11497416 | 11731720 | 1.92 | cps |
| Indium | 115-2 | 4346374 | 4369476 | 4345590 | 4353813 | 0.31 | cps |
| Iron | 56-2 | 520514352 | 521307846 | 517880246 | 519900814 | 0.35 | cps |
| Iron | 57-2 | 13065948 | 13058020 | 13082309 | 13068759 | 0.09 | cps |
| Iron | 54-2 | 28271702 | 28191909 | 28119830 | 28194480 | 0.27 | cps |
| Krypton | 83-1 | 217 | 270 | 193 | 227 | 17.34 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:21:46 | DataFile Name : | 084CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23155875 | 23706759 | 23331154 | 23397929 | 1.20 | cps |
| Lead | 207-1 | 20241708 | 20485023 | 20384175 | 20370302 | 0.60 | cps |
| Lead | 208-1 | 92560281 | 94249281 | 93244757 | 93351439 | 0.91 | cps |
| Lithium | 6-1 | 1878368 | 1884400 | 1837462 | 1866743 | 1.37 | cps |
| Magnesium | 24-2 | 100463129 | 100765165 | 99171449 | 100133247 | 0.85 | cps |
| Manganese | 55-2 | 18044108 | 17903871 | 17942749 | 17963576 | 0.40 | cps |
| Molybdenum | 94-1 | 20266115 | 20540913 | 20242527 | 20349852 | 0.82 | cps |
| Molybdenum | 95-1 | 29604340 | 30078142 | 29450815 | 29711099 | 1.10 | cps |
| Molybdenum | 96-1 | 32393873 | 33047645 | 32100820 | 32514113 | 1.49 | cps |
| Molybdenum | 97-1 | 18487527 | 18782188 | 18264816 | 18511510 | 1.40 | cps |
| Molybdenum | 98-1 | 47725438 | 47982071 | 46867716 | 47525075 | 1.23 | cps |
| Neodymium | 150-1 | 503 | 463 | 507 | 491 | 4.91 | cps |
| Neodymium | 150-2 | 150 | 133 | 117 | 133 | 12.50 | cps |
| Nickel | 60-2 | 815856 | 810380 | 803088 | 809775 | 0.79 | cps |
| Phosphorus | 31-2 | 117489 | 115730 | 114991 | 116070 | 1.11 | cps |
| Potassium | 39-2 | 65633051 | 65091866 | 64460866 | 65061927 | 0.90 | cps |
| Rhodium | 103-1 | 10771875 | 10345023 | 10174609 | 10430502 | 2.95 | cps |
| Rhodium | 103-2 | 6055393 | 6093677 | 6044077 | 6064382 | 0.43 | cps |
| Scandium | 45-1 | 6657897 | 6341825 | 6340536 | 6446753 | 2.84 | cps |
| Scandium | 45-2 | 545571 | 540380 | 542377 | 542776 | 0.48 | cps |
| Selenium | 82-1 | 86587 | 86590 | 84860 | 86012 | 1.16 | cps |
| Selenium | 77-2 | 8929 | 8809 | 9040 | 8926 | 1.29 | cps |
| Selenium | 78-2 | 30314 | 31059 | 30228 | 30534 | 1.50 | cps |
| Silicon | 28-1 | 7681378 | 7651008 | 7425804 | 7586064 | 1.84 | cps |
| Silver | 107-1 | 7355186 | 7315793 | 7133091 | 7268024 | 1.63 | cps |
| Silver | 109-1 | 7014601 | 6982686 | 6808291 | 6935193 | 1.60 | cps |
| Sodium | 23-2 | 164964451 | 164360824 | 161687824 | 163671033 | 1.07 | cps |
| Strontium | 86-1 | 1906938 | 1883748 | 1860039 | 1883575 | 1.24 | cps |
| Strontium | 88-1 | 16347875 | 16479374 | 16030224 | 16285824 | 1.42 | cps |
| Sulfur | 34-1 | 572995 | 564719 | 549252 | 562322 | 2.14 | cps |
| Terbium | 159-1 | 16023334 | 15649615 | 15716818 | 15796589 | 1.26 | cps |
| Terbium | 159-2 | 10695079 | 10959027 | 10829465 | 10827857 | 1.22 | cps |
| Thallium | 203-1 | 5840123 | 5889244 | 5930432 | 5886600 | 0.77 | cps |
| Thallium | 205-1 | 13778059 | 14191354 | 14069187 | 14012867 | 1.52 | cps |
| Tin | 118-1 | 4970591 | 4983610 | 4928045 | 4960749 | 0.59 | cps |
| Titanium | 47-1 | 7068245 | 6991568 | 6945607 | 7001807 | 0.88 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:21:46 | DataFile Name : | 084CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18046361 | 18407110 | 18129769 | 18194413 | 1.04 | cps |
| Vanadium | 51-2 | 1987881 | 1985917 | 2002108 | 1991969 | 0.44 | cps |
| Yttrium | 89-1 | 18497569 | 18122901 | 17864726 | 18161732 | 1.75 | cps |
| Yttrium | 89-2 | 4893208 | 4883329 | 4877232 | 4884590 | 0.17 | cps |
| Zinc | 66-2 | 4124711 | 4065426 | 4142396 | 4110844 | 0.98 | cps |
| Zirconium | 90-1 | 9997753 | 10019802 | 9950890 | 9989482 | 0.35 | cps |
| Zirconium | 91-1 | 2210727 | 2263215 | 2176560 | 2216834 | 1.97 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:24:33 | DataFile Name : | 085CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 740 | 597 | 570 | 636 | 14.39 | cps |
| Antimony | 121-1 | 3934 | 3147 | 2710 | 3264 | 19.00 | cps |
| Arsenic | 75-2 | 10 | 30 | 20 | 20 | 50.00 | cps |
| Barium | 135-1 | 1503 | 843 | 483 | 943 | 54.84 | cps |
| Barium | 137-1 | 2594 | 1420 | 900 | 1638 | 52.97 | cps |
| Beryllium | 9-1 | 273 | 243 | 180 | 232 | 20.52 | cps |
| Bismuth | 209-1 | 9916044 | 9705718 | 9808862 | 9810208 | 1.07 | cps |
| Bismuth | 209-2 | 8239783 | 8258056 | 8258680 | 8252173 | 0.13 | cps |
| Bromine | 81-1 | 13012 | 12822 | 13143 | 12992 | 1.24 | cps |
| Bromine | 81-2 | 213 | 167 | 210 | 197 | 13.24 | cps |
| Cadmium | 108-1 | 30 | 30 | 13 | 24 | 39.37 | cps |
| Cadmium | 106-1 | 4611 | 4337 | 4331 | 4426 | 3.61 | cps |
| Cadmium | 111-1 | 1290 | 1071 | 989 | 1116 | 13.92 | cps |
| Calcium | 43-1 | 1823 | 1093 | 747 | 1221 | 45.01 | cps |
| Calcium | 44-1 | 31460 | 20778 | 14467 | 22235 | 38.63 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2040 | 2030 | 1823 | 1965 | 6.23 | cps |
| Cobalt | 59-2 | 163 | 137 | 117 | 139 | 16.86 | cps |
| Copper | 63-2 | 2237 | 1850 | 1890 | 1992 | 10.67 | cps |
| Dysprosium | 156-1 | 10 | 13 | 7 | 10 | 33.30 | cps |
| Dysprosium | 156-2 | 3 | 7 | 3 | 4 | 43.40 | cps |
| Erbium | 164-1 | 67 | 97 | 83 | 82 | 18.28 | cps |
| Erbium | 164-2 | 40 | 70 | 47 | 52 | 30.16 | cps |
| Gadolinium | 160-1 | 40 | 30 | 70 | 47 | 44.61 | cps |
| Gadolinium | 160-2 | 547 | 613 | 670 | 610 | 10.12 | cps |
| Holmium | 165-1 | 15636044 | 15567322 | 15712334 | 15638567 | 0.46 | cps |
| Holmium | 165-2 | 11259313 | 11303292 | 11365570 | 11309392 | 0.47 | cps |
| Indium | 115-1 | 12599290 | 12619021 | 12495664 | 12571325 | 0.53 | cps |
| Indium | 115-2 | 4652330 | 4687026 | 4712616 | 4683990 | 0.65 | cps |
| Iron | 56-2 | 37673 | 33818 | 30107 | 33866 | 11.17 | cps |
| Iron | 57-2 | 1397 | 1307 | 1177 | 1293 | 8.55 | cps |
| Iron | 54-2 | 3337 | 3030 | 3074 | 3147 | 5.27 | cps |
| Krypton | 83-1 | 157 | 160 | 223 | 180 | 20.87 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:24:33 | DataFile Name : | 085CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5361 | 3277 | 1994 | 3544 | 47.96 | cps |
| Lead | 207-1 | 4524 | 2764 | 1833 | 3040 | 44.94 | cps |
| Lead | 208-1 | 21047 | 12826 | 8458 | 14110 | 45.30 | cps |
| Lithium | 6-1 | 1941013 | 1938120 | 1944837 | 1941323 | 0.17 | cps |
| Magnesium | 24-2 | 3057 | 2584 | 2200 | 2614 | 16.42 | cps |
| Manganese | 55-2 | 880 | 733 | 710 | 774 | 11.90 | cps |
| Molybdenum | 94-1 | 5058 | 3304 | 2277 | 3546 | 39.65 | cps |
| Molybdenum | 95-1 | 6902 | 4344 | 2657 | 4634 | 46.12 | cps |
| Molybdenum | 96-1 | 7185 | 4564 | 2984 | 4911 | 43.21 | cps |
| Molybdenum | 97-1 | 4327 | 2714 | 1847 | 2963 | 42.49 | cps |
| Molybdenum | 98-1 | 10624 | 6455 | 4434 | 7171 | 44.02 | cps |
| Neodymium | 150-1 | 7 | 3 | 10 | 7 | 50.03 | cps |
| Neodymium | 150-2 | 0 | 3 | 10 | 4 | 114.60 | cps |
| Nickel | 60-2 | 620 | 590 | 587 | 599 | 3.07 | cps |
| Phosphorus | 31-2 | 130 | 117 | 120 | 122 | 5.68 | cps |
| Potassium | 39-2 | 56076 | 54845 | 55046 | 55322 | 1.19 | cps |
| Rhodium | 103-1 | 11413794 | 11496695 | 11408144 | 11439545 | 0.43 | cps |
| Rhodium | 103-2 | 7018772 | 6846059 | 6871306 | 6912046 | 1.35 | cps |
| Scandium | 45-1 | 6298228 | 6422168 | 6443987 | 6388128 | 1.23 | cps |
| Scandium | 45-2 | 563932 | 563406 | 564603 | 563980 | 0.11 | cps |
| Selenium | 82-1 | 180 | 148 | 61 | 129 | 47.56 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 383 | 390 | 353 | 376 | 5.20 | cps |
| Silicon | 28-1 | 505261 | 506807 | 511120 | 507729 | 0.60 | cps |
| Silver | 107-1 | 2090 | 1333 | 930 | 1451 | 40.58 | cps |
| Silver | 109-1 | 1803 | 1320 | 760 | 1295 | 40.34 | cps |
| Sodium | 23-2 | 35932 | 35123 | 34111 | 35055 | 2.60 | cps |
| Strontium | 86-1 | 700 | 570 | 463 | 578 | 20.51 | cps |
| Strontium | 88-1 | 3257 | 2010 | 1243 | 2170 | 46.83 | cps |
| Sulfur | 34-1 | 163066 | 164703 | 165469 | 164413 | 0.75 | cps |
| Terbium | 159-1 | 16244377 | 16137066 | 16026732 | 16136059 | 0.67 | cps |
| Terbium | 159-2 | 11255178 | 11198415 | 11158176 | 11203923 | 0.43 | cps |
| Thallium | 203-1 | 1893 | 1427 | 997 | 1439 | 31.17 | cps |
| Thallium | 205-1 | 4891 | 3384 | 2550 | 3608 | 32.88 | cps |
| Tin | 118-1 | 2650 | 2264 | 1733 | 2216 | 20.77 | cps |
| Titanium | 47-1 | 1480 | 920 | 520 | 973 | 49.54 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB014 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB014 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:24:33 | DataFile Name : | 085CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3701 | 2174 | 1117 | 2330 | 55.75 | cps |
| Vanadium | 51-2 | 63 | 60 | 33 | 52 | 31.49 | cps |
| Yttrium | 89-1 | 18639071 | 18673745 | 18390906 | 18567907 | 0.83 | cps |
| Yttrium | 89-2 | 5213934 | 5166658 | 5130109 | 5170234 | 0.81 | cps |
| Zinc | 66-2 | 460 | 407 | 373 | 413 | 10.58 | cps |
| Zirconium | 90-1 | 3127 | 2520 | 1900 | 2516 | 24.38 | cps |
| Zirconium | 91-1 | 797 | 533 | 413 | 581 | 33.74 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:27:52 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 27157 | 27167 | 27208 | 27177 | 0.10 | cps |
| Antimony | 121-1 | 3000 | 3077 | 2940 | 3006 | 2.28 | cps |
| Arsenic | 75-2 | 373 | 357 | 337 | 356 | 5.16 | cps |
| Barium | 135-1 | 3070 | 3087 | 3174 | 3110 | 1.78 | cps |
| Barium | 137-1 | 5354 | 5481 | 5504 | 5447 | 1.48 | cps |
| Beryllium | 9-1 | 120 | 87 | 100 | 102 | 16.41 | cps |
| Bismuth | 209-1 | 10091177 | 9854274 | 9938687 | 9961379 | 1.21 | cps |
| Bismuth | 209-2 | 8380056 | 8309649 | 8315518 | 8335074 | 0.47 | cps |
| Bromine | 81-1 | 15115 | 15542 | 15735 | 15464 | 2.05 | cps |
| Bromine | 81-2 | 760 | 723 | 763 | 749 | 2.96 | cps |
| Cadmium | 108-1 | 37 | 17 | 17 | 23 | 49.48 | cps |
| Cadmium | 106-1 | 4741 | 4321 | 4184 | 4415 | 6.57 | cps |
| Cadmium | 111-1 | 967 | 918 | 900 | 928 | 3.73 | cps |
| Calcium | 43-1 | 589182 | 592822 | 585923 | 589309 | 0.59 | cps |
| Calcium | 44-1 | 9273971 | 9333785 | 9243322 | 9283693 | 0.50 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5024 | 4954 | 5061 | 5013 | 1.08 | cps |
| Cobalt | 59-2 | 1823 | 1773 | 1720 | 1772 | 2.92 | cps |
| Copper | 63-2 | 29232 | 28500 | 28634 | 28789 | 1.35 | cps |
| Dysprosium | 156-1 | 683 | 733 | 710 | 709 | 3.53 | cps |
| Dysprosium | 156-2 | 497 | 490 | 507 | 498 | 1.69 | cps |
| Erbium | 164-1 | 1147 | 1227 | 1387 | 1253 | 9.75 | cps |
| Erbium | 164-2 | 897 | 943 | 887 | 909 | 3.33 | cps |
| Gadolinium | 160-1 | 873 | 753 | 923 | 850 | 10.28 | cps |
| Gadolinium | 160-2 | 1273 | 1353 | 1180 | 1269 | 6.84 | cps |
| Holmium | 165-1 | 16345379 | 15852829 | 16044889 | 16081032 | 1.54 | cps |
| Holmium | 165-2 | 11474401 | 11540721 | 11535956 | 11517026 | 0.32 | cps |
| Indium | 115-1 | 13007198 | 12645777 | 12709670 | 12787548 | 1.51 | cps |
| Indium | 115-2 | 4753878 | 4777554 | 4700860 | 4744098 | 0.83 | cps |
| Iron | 56-2 | 858342 | 864208 | 860917 | 861156 | 0.34 | cps |
| Iron | 57-2 | 31319 | 32515 | 32595 | 32143 | 2.22 | cps |
| Iron | 54-2 | 48892 | 48688 | 47842 | 48474 | 1.15 | cps |
| Krypton | 83-1 | 180 | 193 | 253 | 209 | 18.70 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:27:52 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2500 | 2417 | 2530 | 2482 | 2.37 | cps |
| Lead | 207-1 | 1957 | 2114 | 1890 | 1987 | 5.77 | cps |
| Lead | 208-1 | 9458 | 9481 | 9288 | 9409 | 1.12 | cps |
| Lithium | 6-1 | 2055310 | 1944441 | 1987597 | 1995782 | 2.80 | cps |
| Magnesium | 24-2 | 1974775 | 1907563 | 1981320 | 1954553 | 2.09 | cps |
| Manganese | 55-2 | 32475 | 31967 | 32278 | 32240 | 0.79 | cps |
| Molybdenum | 94-1 | 4844 | 5188 | 5061 | 5031 | 3.45 | cps |
| Molybdenum | 95-1 | 3137 | 2924 | 3087 | 3049 | 3.66 | cps |
| Molybdenum | 96-1 | 3761 | 3907 | 3771 | 3813 | 2.15 | cps |
| Molybdenum | 97-1 | 1820 | 1950 | 2064 | 1945 | 6.26 | cps |
| Molybdenum | 98-1 | 4868 | 4634 | 4971 | 4824 | 3.58 | cps |
| Neodymium | 150-1 | 620 | 747 | 717 | 694 | 9.53 | cps |
| Neodymium | 150-2 | 430 | 373 | 430 | 411 | 7.96 | cps |
| Nickel | 60-2 | 3727 | 3751 | 3604 | 3694 | 2.13 | cps |
| Phosphorus | 31-2 | 390 | 370 | 333 | 364 | 7.89 | cps |
| Potassium | 39-2 | 351094 | 354813 | 351605 | 352504 | 0.57 | cps |
| Rhodium | 103-1 | 11845296 | 11599736 | 11409724 | 11618252 | 1.88 | cps |
| Rhodium | 103-2 | 6949364 | 6958610 | 6920818 | 6942931 | 0.28 | cps |
| Scandium | 45-1 | 6781501 | 6510204 | 6597763 | 6629822 | 2.09 | cps |
| Scandium | 45-2 | 570483 | 570855 | 572967 | 571435 | 0.23 | cps |
| Selenium | 82-1 | 375 | 353 | 294 | 340 | 12.26 | cps |
| Selenium | 77-2 | 30 | 13 | 33 | 26 | 41.94 | cps |
| Selenium | 78-2 | 473 | 520 | 533 | 509 | 6.19 | cps |
| Silicon | 28-1 | 50612543 | 51145526 | 50782469 | 50846846 | 0.54 | cps |
| Silver | 107-1 | 287 | 340 | 320 | 316 | 8.54 | cps |
| Silver | 109-1 | 283 | 207 | 233 | 241 | 16.14 | cps |
| Sodium | 23-2 | 6602692 | 6569090 | 6543229 | 6571670 | 0.45 | cps |
| Strontium | 86-1 | 100594 | 102275 | 103292 | 102054 | 1.34 | cps |
| Strontium | 88-1 | 883511 | 892989 | 891247 | 889249 | 0.57 | cps |
| Sulfur | 34-1 | 325653 | 320504 | 314818 | 320325 | 1.69 | cps |
| Terbium | 159-1 | 16581142 | 16460162 | 16398198 | 16479834 | 0.56 | cps |
| Terbium | 159-2 | 11268397 | 11271269 | 11302120 | 11280596 | 0.17 | cps |
| Thallium | 203-1 | 623 | 570 | 553 | 582 | 6.28 | cps |
| Thallium | 205-1 | 1557 | 1433 | 1443 | 1478 | 4.64 | cps |
| Tin | 118-1 | 2360 | 2310 | 2357 | 2342 | 1.19 | cps |
| Titanium | 47-1 | 3464 | 3234 | 3367 | 3355 | 3.45 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:27:52 | DataFile Name : | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3507 | 3794 | 3581 | 3627 | 4.11 | cps |
| Vanadium | 51-2 | 5694 | 5324 | 5388 | 5469 | 3.62 | cps |
| Yttrium | 89-1 | 19311300 | 19067732 | 19002915 | 19127316 | 0.85 | cps |
| Yttrium | 89-2 | 5213070 | 5202539 | 5168321 | 5194643 | 0.45 | cps |
| Zinc | 66-2 | 1230 | 1237 | 1260 | 1242 | 1.27 | cps |
| Zirconium | 90-1 | 9340 | 9226 | 9590 | 9385 | 1.98 | cps |
| Zirconium | 91-1 | 2120 | 2087 | 2060 | 2089 | 1.44 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:31:08 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5981 | 6673 | 5828 | 6161 | 7.31 | cps |
| Antimony | 121-1 | 933 | 817 | 847 | 866 | 7.00 | cps |
| Arsenic | 75-2 | 117 | 120 | 107 | 114 | 6.06 | cps |
| Barium | 135-1 | 837 | 730 | 620 | 729 | 14.87 | cps |
| Barium | 137-1 | 1123 | 1107 | 1203 | 1145 | 4.52 | cps |
| Beryllium | 9-1 | 117 | 77 | 73 | 89 | 27.13 | cps |
| Bismuth | 209-1 | 9934192 | 9792108 | 9674666 | 9800322 | 1.33 | cps |
| Bismuth | 209-2 | 8285798 | 8307318 | 8251042 | 8281386 | 0.34 | cps |
| Bromine | 81-1 | 13590 | 13827 | 13753 | 13723 | 0.88 | cps |
| Bromine | 81-2 | 273 | 300 | 243 | 272 | 10.41 | cps |
| Cadmium | 108-1 | 17 | 17 | 7 | 13 | 43.29 | cps |
| Cadmium | 106-1 | 4401 | 4177 | 4357 | 4312 | 2.75 | cps |
| Cadmium | 111-1 | 895 | 858 | 907 | 887 | 2.92 | cps |
| Calcium | 43-1 | 116540 | 117117 | 116522 | 116727 | 0.29 | cps |
| Calcium | 44-1 | 1850704 | 1859241 | 1847746 | 1852564 | 0.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2137 | 2154 | 2157 | 2149 | 0.50 | cps |
| Cobalt | 59-2 | 447 | 323 | 390 | 387 | 15.97 | cps |
| Copper | 63-2 | 9013 | 9200 | 9043 | 9085 | 1.10 | cps |
| Dysprosium | 156-1 | 147 | 160 | 163 | 157 | 5.63 | cps |
| Dysprosium | 156-2 | 70 | 120 | 133 | 108 | 30.98 | cps |
| Erbium | 164-1 | 357 | 333 | 330 | 340 | 4.27 | cps |
| Erbium | 164-2 | 260 | 190 | 170 | 207 | 22.87 | cps |
| Gadolinium | 160-1 | 220 | 187 | 250 | 219 | 14.47 | cps |
| Gadolinium | 160-2 | 737 | 777 | 783 | 766 | 3.30 | cps |
| Holmium | 165-1 | 15830411 | 15679355 | 15913640 | 15807802 | 0.75 | cps |
| Holmium | 165-2 | 11350796 | 11313833 | 11394755 | 11353128 | 0.36 | cps |
| Indium | 115-1 | 12620716 | 12415172 | 12453785 | 12496558 | 0.87 | cps |
| Indium | 115-2 | 4750406 | 4740519 | 4739338 | 4743421 | 0.13 | cps |
| Iron | 56-2 | 198148 | 198576 | 199308 | 198677 | 0.30 | cps |
| Iron | 57-2 | 7382 | 7309 | 7689 | 7460 | 2.70 | cps |
| Iron | 54-2 | 12499 | 12172 | 11998 | 12223 | 2.08 | cps |
| Krypton | 83-1 | 173 | 180 | 180 | 178 | 2.16 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:31:08 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1260 | 1370 | 1150 | 1260 | 8.73 | cps |
| Lead | 207-1 | 1200 | 1170 | 1133 | 1168 | 2.86 | cps |
| Lead | 208-1 | 5157 | 5330 | 4767 | 5085 | 5.68 | cps |
| Lithium | 6-1 | 1953301 | 1972180 | 1951823 | 1959101 | 0.58 | cps |
| Magnesium | 24-2 | 362734 | 367068 | 363182 | 364328 | 0.65 | cps |
| Manganese | 55-2 | 8146 | 8272 | 8346 | 8255 | 1.23 | cps |
| Molybdenum | 94-1 | 1447 | 1280 | 1327 | 1351 | 6.36 | cps |
| Molybdenum | 95-1 | 790 | 820 | 807 | 806 | 1.87 | cps |
| Molybdenum | 96-1 | 980 | 990 | 1053 | 1008 | 3.95 | cps |
| Molybdenum | 97-1 | 470 | 463 | 497 | 477 | 3.70 | cps |
| Molybdenum | 98-1 | 1200 | 1257 | 1260 | 1239 | 2.72 | cps |
| Neodymium | 150-1 | 153 | 160 | 200 | 171 | 14.75 | cps |
| Neodymium | 150-2 | 70 | 110 | 93 | 91 | 22.05 | cps |
| Nickel | 60-2 | 1080 | 923 | 1100 | 1034 | 9.35 | cps |
| Phosphorus | 31-2 | 137 | 167 | 147 | 150 | 10.18 | cps |
| Potassium | 39-2 | 109450 | 110544 | 108392 | 109462 | 0.98 | cps |
| Rhodium | 103-1 | 11499467 | 11449341 | 11459534 | 11469447 | 0.23 | cps |
| Rhodium | 103-2 | 6937959 | 6908852 | 7014105 | 6953639 | 0.78 | cps |
| Scandium | 45-1 | 6479919 | 6479471 | 6337061 | 6432150 | 1.28 | cps |
| Scandium | 45-2 | 564474 | 562696 | 566111 | 564427 | 0.30 | cps |
| Selenium | 82-1 | 182 | 183 | 146 | 170 | 12.42 | cps |
| Selenium | 77-2 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Selenium | 78-2 | 383 | 363 | 450 | 399 | 11.38 | cps |
| Silicon | 28-1 | 10507616 | 10540972 | 10580288 | 10542959 | 0.35 | cps |
| Silver | 107-1 | 163 | 163 | 217 | 181 | 17.00 | cps |
| Silver | 109-1 | 110 | 133 | 147 | 130 | 14.28 | cps |
| Sodium | 23-2 | 1342737 | 1331267 | 1322821 | 1332275 | 0.75 | cps |
| Strontium | 86-1 | 20301 | 20401 | 20668 | 20457 | 0.93 | cps |
| Strontium | 88-1 | 174563 | 177392 | 176906 | 176287 | 0.86 | cps |
| Sulfur | 34-1 | 179565 | 179872 | 178577 | 179338 | 0.38 | cps |
| Terbium | 159-1 | 16093316 | 16076398 | 16205715 | 16125143 | 0.44 | cps |
| Terbium | 159-2 | 11233453 | 11222581 | 11327056 | 11261030 | 0.51 | cps |
| Thallium | 203-1 | 357 | 460 | 363 | 393 | 14.70 | cps |
| Thallium | 205-1 | 937 | 1003 | 950 | 963 | 3.66 | cps |
| Tin | 118-1 | 1763 | 1700 | 1723 | 1729 | 1.85 | cps |
| Titanium | 47-1 | 1080 | 1267 | 970 | 1106 | 13.58 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:31:08 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 710 | 773 | 777 | 753 | 4.99 | cps |
| Vanadium | 51-2 | 1023 | 1067 | 1157 | 1082 | 6.28 | cps |
| Yttrium | 89-1 | 18674560 | 18585503 | 18508508 | 18589524 | 0.45 | cps |
| Yttrium | 89-2 | 5159762 | 5127761 | 5202539 | 5163354 | 0.73 | cps |
| Zinc | 66-2 | 690 | 677 | 660 | 676 | 2.22 | cps |
| Zirconium | 90-1 | 2537 | 2514 | 2594 | 2548 | 1.62 | cps |
| Zirconium | 91-1 | 523 | 437 | 540 | 500 | 11.10 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:34:24 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 540640 | 537975 | 542769 | 540462 | 0.44 | cps |
| Antimony | 121-1 | 1282961 | 1284750 | 1283386 | 1283699 | 0.07 | cps |
| Arsenic | 75-2 | 26123 | 26571 | 26814 | 26503 | 1.32 | cps |
| Barium | 135-1 | 6611553 | 6550327 | 6658703 | 6606861 | 0.82 | cps |
| Barium | 137-1 | 11420478 | 11460239 | 11386281 | 11422333 | 0.32 | cps |
| Beryllium | 9-1 | 77415 | 77498 | 77281 | 77398 | 0.14 | cps |
| Bismuth | 209-1 | 9292932 | 9822598 | 9891485 | 9669005 | 3.39 | cps |
| Bismuth | 209-2 | 8414333 | 8313832 | 8357974 | 8362046 | 0.60 | cps |
| Bromine | 81-1 | 15422 | 15658 | 16656 | 15912 | 4.12 | cps |
| Bromine | 81-2 | 880 | 837 | 890 | 869 | 3.26 | cps |
| Cadmium | 108-1 | 10671 | 10704 | 10824 | 10733 | 0.75 | cps |
| Cadmium | 106-1 | 19810 | 18846 | 19260 | 19305 | 2.51 | cps |
| Cadmium | 111-1 | 158980 | 160358 | 159019 | 159453 | 0.49 | cps |
| Calcium | 43-1 | 583773 | 588409 | 590575 | 587586 | 0.59 | cps |
| Calcium | 44-1 | 9097989 | 9256722 | 9298799 | 9217837 | 1.15 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 974989 | 974196 | 975466 | 974884 | 0.07 | cps |
| Cobalt | 59-2 | 3923653 | 3963987 | 3890840 | 3926160 | 0.93 | cps |
| Copper | 63-2 | 1338903 | 1349323 | 1349459 | 1345895 | 0.45 | cps |
| Dysprosium | 156-1 | 750 | 753 | 813 | 772 | 4.62 | cps |
| Dysprosium | 156-2 | 733 | 850 | 867 | 817 | 8.90 | cps |
| Erbium | 164-1 | 1250 | 1173 | 1257 | 1227 | 3.77 | cps |
| Erbium | 164-2 | 870 | 867 | 920 | 886 | 3.37 | cps |
| Gadolinium | 160-1 | 930 | 953 | 840 | 908 | 6.59 | cps |
| Gadolinium | 160-2 | 1177 | 1303 | 1120 | 1200 | 7.82 | cps |
| Holmium | 165-1 | 15096866 | 15957675 | 15925001 | 15659848 | 3.12 | cps |
| Holmium | 165-2 | 11614209 | 11548842 | 11539081 | 11567377 | 0.35 | cps |
| Indium | 115-1 | 11941040 | 12752934 | 12926156 | 12540043 | 4.19 | cps |
| Indium | 115-2 | 4744795 | 4774859 | 4821705 | 4780453 | 0.81 | cps |
| Iron | 56-2 | 5541846 | 5569830 | 5542367 | 5551347 | 0.29 | cps |
| Iron | 57-2 | 150417 | 150703 | 151700 | 150940 | 0.45 | cps |
| Iron | 54-2 | 338851 | 340005 | 339097 | 339318 | 0.18 | cps |
| Krypton | 83-1 | 177 | 193 | 200 | 190 | 6.32 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:34:24 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 203308 | 201642 | 204086 | 203012 | 0.62 | cps |
| Lead | 207-1 | 172915 | 173851 | 172757 | 173175 | 0.34 | cps |
| Lead | 208-1 | 801501 | 801880 | 806748 | 803376 | 0.36 | cps |
| Lithium | 6-1 | 1856318 | 1926238 | 1934541 | 1905699 | 2.25 | cps |
| Magnesium | 24-2 | 1894211 | 1897777 | 1931494 | 1907827 | 1.08 | cps |
| Manganese | 55-2 | 2040163 | 2033012 | 2064075 | 2045750 | 0.80 | cps |
| Molybdenum | 94-1 | 152579 | 153679 | 153805 | 153354 | 0.44 | cps |
| Molybdenum | 95-1 | 263813 | 264662 | 266814 | 265096 | 0.58 | cps |
| Molybdenum | 96-1 | 284014 | 282782 | 285043 | 283946 | 0.40 | cps |
| Molybdenum | 97-1 | 163799 | 165498 | 164299 | 164532 | 0.53 | cps |
| Molybdenum | 98-1 | 425484 | 427373 | 429697 | 427518 | 0.49 | cps |
| Neodymium | 150-1 | 980 | 960 | 1070 | 1003 | 5.84 | cps |
| Neodymium | 150-2 | 383 | 520 | 530 | 478 | 17.15 | cps |
| Nickel | 60-2 | 972199 | 980654 | 973015 | 975289 | 0.48 | cps |
| Phosphorus | 31-2 | 357 | 357 | 323 | 346 | 5.57 | cps |
| Potassium | 39-2 | 348505 | 350961 | 351530 | 350332 | 0.46 | cps |
| Rhodium | 103-1 | 10800017 | 11515380 | 11537206 | 11284201 | 3.72 | cps |
| Rhodium | 103-2 | 6999367 | 6946679 | 6962908 | 6969652 | 0.39 | cps |
| Scandium | 45-1 | 6048288 | 6501655 | 6589117 | 6379687 | 4.55 | cps |
| Scandium | 45-2 | 572038 | 572865 | 573359 | 572754 | 0.12 | cps |
| Selenium | 82-1 | 20139 | 20431 | 19929 | 20166 | 1.25 | cps |
| Selenium | 77-2 | 2230 | 2187 | 2080 | 2166 | 3.57 | cps |
| Selenium | 78-2 | 7832 | 7655 | 7909 | 7799 | 1.67 | cps |
| Silicon | 28-1 | 50519449 | 49939261 | 49727126 | 50061945 | 0.82 | cps |
| Silver | 107-1 | 806957 | 810742 | 808738 | 808812 | 0.23 | cps |
| Silver | 109-1 | 762532 | 771717 | 768152 | 767467 | 0.60 | cps |
| Sodium | 23-2 | 6426623 | 6463131 | 6491385 | 6460380 | 0.50 | cps |
| Strontium | 86-1 | 101064 | 101436 | 101060 | 101187 | 0.21 | cps |
| Strontium | 88-1 | 883269 | 883048 | 889108 | 885142 | 0.39 | cps |
| Sulfur | 34-1 | 308553 | 306259 | 305857 | 306890 | 0.47 | cps |
| Terbium | 159-1 | 15291219 | 16343914 | 16296501 | 15977211 | 3.72 | cps |
| Terbium | 159-2 | 11263158 | 11481234 | 11323151 | 11355848 | 0.99 | cps |
| Thallium | 203-1 | 622085 | 616990 | 621366 | 620147 | 0.44 | cps |
| Thallium | 205-1 | 1473105 | 1483360 | 1468463 | 1474976 | 0.52 | cps |
| Tin | 118-1 | 3477 | 3447 | 3497 | 3474 | 0.72 | cps |
| Titanium | 47-1 | 3828 | 3377 | 3444 | 3550 | 6.86 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:34:24 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3561 | 3557 | 3574 | 3564 | 0.25 | cps |
| Vanadium | 51-2 | 2180745 | 2180745 | 2186928 | 2182806 | 0.16 | cps |
| Yttrium | 89-1 | 17952822 | 18873118 | 18838216 | 18554719 | 2.81 | cps |
| Yttrium | 89-2 | 5279794 | 5204609 | 5203924 | 5229442 | 0.83 | cps |
| Zinc | 66-2 | 493004 | 494522 | 492827 | 493451 | 0.19 | cps |
| Zirconium | 90-1 | 9493 | 9116 | 8990 | 9200 | 2.85 | cps |
| Zirconium | 91-1 | 2170 | 2167 | 2080 | 2139 | 2.39 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:37:32 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8776 | 8282 | 8663 | 8574 | 3.02 | cps |
| Antimony | 121-1 | 763 | 577 | 477 | 606 | 24.03 | cps |
| Arsenic | 75-2 | 30 | 27 | 23 | 27 | 12.51 | cps |
| Barium | 135-1 | 3784 | 3020 | 2250 | 3018 | 25.41 | cps |
| Barium | 137-1 | 6295 | 5008 | 4261 | 5188 | 19.83 | cps |
| Beryllium | 9-1 | 117 | 83 | 87 | 96 | 19.21 | cps |
| Bismuth | 209-1 | 9934941 | 9823805 | 9847697 | 9868814 | 0.59 | cps |
| Bismuth | 209-2 | 8271292 | 8386965 | 8317370 | 8325209 | 0.70 | cps |
| Bromine | 81-1 | 13606 | 13323 | 13103 | 13344 | 1.89 | cps |
| Bromine | 81-2 | 87 | 133 | 127 | 116 | 21.84 | cps |
| Cadmium | 108-1 | 23 | 13 | 7 | 14 | 58.06 | cps |
| Cadmium | 106-1 | 4487 | 4227 | 4377 | 4364 | 2.99 | cps |
| Cadmium | 111-1 | 949 | 890 | 935 | 925 | 3.30 | cps |
| Calcium | 43-1 | 4154 | 3777 | 3851 | 3927 | 5.09 | cps |
| Calcium | 44-1 | 70195 | 68272 | 67670 | 68712 | 1.92 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3720 | 3751 | 3817 | 3763 | 1.32 | cps |
| Cobalt | 59-2 | 550 | 533 | 470 | 518 | 8.15 | cps |
| Copper | 63-2 | 2047 | 1847 | 1957 | 1950 | 5.14 | cps |
| Dysprosium | 156-1 | 97 | 93 | 117 | 102 | 12.35 | cps |
| Dysprosium | 156-2 | 77 | 103 | 93 | 91 | 14.79 | cps |
| Erbium | 164-1 | 163 | 160 | 170 | 164 | 3.10 | cps |
| Erbium | 164-2 | 97 | 100 | 103 | 100 | 3.33 | cps |
| Gadolinium | 160-1 | 153 | 123 | 110 | 129 | 17.22 | cps |
| Gadolinium | 160-2 | 690 | 750 | 720 | 720 | 4.17 | cps |
| Holmium | 165-1 | 16093861 | 15946638 | 15676820 | 15905773 | 1.33 | cps |
| Holmium | 165-2 | 11402686 | 11534945 | 11413228 | 11450286 | 0.64 | cps |
| Indium | 115-1 | 12859850 | 12907110 | 12797285 | 12854749 | 0.43 | cps |
| Indium | 115-2 | 4742933 | 4793147 | 4709175 | 4748418 | 0.89 | cps |
| Iron | 56-2 | 252531 | 250887 | 255924 | 253114 | 1.01 | cps |
| Iron | 57-2 | 6842 | 6708 | 6892 | 6814 | 1.39 | cps |
| Iron | 54-2 | 15265 | 15118 | 14821 | 15068 | 1.50 | cps |
| Krypton | 83-1 | 183 | 163 | 167 | 171 | 6.26 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:37:32 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2467 | 2434 | 2347 | 2416 | 2.56 | cps |
| Lead | 207-1 | 1937 | 1987 | 1890 | 1938 | 2.50 | cps |
| Lead | 208-1 | 9258 | 9311 | 9035 | 9201 | 1.60 | cps |
| Lithium | 6-1 | 1940745 | 1971880 | 1898928 | 1937184 | 1.89 | cps |
| Magnesium | 24-2 | 11995 | 12045 | 12041 | 12027 | 0.23 | cps |
| Manganese | 55-2 | 9386 | 9613 | 9486 | 9495 | 1.20 | cps |
| Molybdenum | 94-1 | 640 | 693 | 627 | 653 | 5.40 | cps |
| Molybdenum | 95-1 | 507 | 310 | 363 | 393 | 25.86 | cps |
| Molybdenum | 96-1 | 483 | 510 | 527 | 507 | 4.31 | cps |
| Molybdenum | 97-1 | 247 | 270 | 173 | 230 | 21.93 | cps |
| Molybdenum | 98-1 | 617 | 643 | 637 | 632 | 2.19 | cps |
| Neodymium | 150-1 | 143 | 153 | 173 | 157 | 9.75 | cps |
| Neodymium | 150-2 | 93 | 60 | 63 | 72 | 25.42 | cps |
| Nickel | 60-2 | 743 | 777 | 800 | 773 | 3.68 | cps |
| Phosphorus | 31-2 | 677 | 633 | 613 | 641 | 5.05 | cps |
| Potassium | 39-2 | 60677 | 60523 | 60640 | 60613 | 0.13 | cps |
| Rhodium | 103-1 | 11815399 | 11643090 | 11526995 | 11661828 | 1.24 | cps |
| Rhodium | 103-2 | 7050160 | 7067617 | 6891588 | 7003122 | 1.38 | cps |
| Scandium | 45-1 | 6555777 | 6568376 | 6516174 | 6546776 | 0.42 | cps |
| Scandium | 45-2 | 572432 | 575290 | 569951 | 572558 | 0.47 | cps |
| Selenium | 82-1 | 114 | 201 | 105 | 140 | 37.79 | cps |
| Selenium | 77-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Selenium | 78-2 | 483 | 403 | 437 | 441 | 9.11 | cps |
| Silicon | 28-1 | 834326 | 810408 | 812022 | 818918 | 1.63 | cps |
| Silver | 107-1 | 650 | 493 | 470 | 538 | 18.20 | cps |
| Silver | 109-1 | 507 | 450 | 353 | 437 | 17.76 | cps |
| Sodium | 23-2 | 116714 | 115532 | 115445 | 115897 | 0.61 | cps |
| Strontium | 86-1 | 1673 | 1717 | 1710 | 1700 | 1.37 | cps |
| Strontium | 88-1 | 12525 | 12189 | 12205 | 12306 | 1.54 | cps |
| Sulfur | 34-1 | 143873 | 146490 | 147662 | 146008 | 1.33 | cps |
| Terbium | 159-1 | 16386894 | 16184891 | 16150229 | 16240672 | 0.79 | cps |
| Terbium | 159-2 | 11241809 | 11342622 | 11231218 | 11271883 | 0.55 | cps |
| Thallium | 203-1 | 530 | 483 | 380 | 464 | 16.53 | cps |
| Thallium | 205-1 | 1353 | 1090 | 913 | 1119 | 19.79 | cps |
| Tin | 118-1 | 2544 | 2544 | 2614 | 2567 | 1.57 | cps |
| Titanium | 47-1 | 887 | 907 | 840 | 878 | 3.90 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:37:32 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 170 | 183 | 173 | 176 | 3.95 | cps |
| Vanadium | 51-2 | 473 | 483 | 367 | 441 | 14.66 | cps |
| Yttrium | 89-1 | 19155486 | 19114046 | 18770220 | 19013250 | 1.11 | cps |
| Yttrium | 89-2 | 5198072 | 5233904 | 5172298 | 5201425 | 0.59 | cps |
| Zinc | 66-2 | 2554 | 2540 | 2624 | 2572 | 1.74 | cps |
| Zirconium | 90-1 | 1157 | 1247 | 943 | 1116 | 13.97 | cps |
| Zirconium | 91-1 | 323 | 290 | 220 | 278 | 18.99 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:40:50 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9280 | 8966 | 9303 | 9183 | 2.05 | cps |
| Antimony | 121-1 | 2650 | 2494 | 2577 | 2574 | 3.05 | cps |
| Arsenic | 75-2 | 30 | 30 | 33 | 31 | 6.18 | cps |
| Barium | 135-1 | 1657 | 1607 | 1823 | 1696 | 6.69 | cps |
| Barium | 137-1 | 3094 | 2867 | 2974 | 2978 | 3.81 | cps |
| Beryllium | 9-1 | 60 | 53 | 63 | 59 | 8.65 | cps |
| Bismuth | 209-1 | 9868800 | 9774813 | 9820433 | 9821349 | 0.48 | cps |
| Bismuth | 209-2 | 8358911 | 8254018 | 8304820 | 8305916 | 0.63 | cps |
| Bromine | 81-1 | 13563 | 12859 | 13423 | 13282 | 2.81 | cps |
| Bromine | 81-2 | 70 | 87 | 80 | 79 | 10.64 | cps |
| Cadmium | 108-1 | 7 | 10 | 17 | 11 | 45.82 | cps |
| Cadmium | 106-1 | 4454 | 4377 | 4227 | 4353 | 2.65 | cps |
| Cadmium | 111-1 | 920 | 906 | 858 | 895 | 3.65 | cps |
| Calcium | 43-1 | 4001 | 3914 | 3917 | 3944 | 1.25 | cps |
| Calcium | 44-1 | 67904 | 68176 | 68175 | 68085 | 0.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4014 | 4037 | 4077 | 4043 | 0.79 | cps |
| Cobalt | 59-2 | 283 | 290 | 263 | 279 | 4.98 | cps |
| Copper | 63-2 | 1690 | 1803 | 1857 | 1783 | 4.77 | cps |
| Dysprosium | 156-1 | 83 | 117 | 83 | 94 | 20.38 | cps |
| Dysprosium | 156-2 | 117 | 93 | 97 | 102 | 12.35 | cps |
| Erbium | 164-1 | 177 | 163 | 180 | 173 | 5.09 | cps |
| Erbium | 164-2 | 117 | 113 | 130 | 120 | 7.35 | cps |
| Gadolinium | 160-1 | 150 | 170 | 157 | 159 | 6.41 | cps |
| Gadolinium | 160-2 | 713 | 693 | 717 | 708 | 1.78 | cps |
| Holmium | 165-1 | 15584555 | 15549613 | 15653391 | 15595853 | 0.34 | cps |
| Holmium | 165-2 | 11401447 | 11372014 | 11355009 | 11376156 | 0.21 | cps |
| Indium | 115-1 | 12638984 | 12662086 | 12547269 | 12616113 | 0.48 | cps |
| Indium | 115-2 | 4791449 | 4761770 | 4787368 | 4780196 | 0.34 | cps |
| Iron | 56-2 | 262271 | 261670 | 261082 | 261674 | 0.23 | cps |
| Iron | 57-2 | 7302 | 7332 | 7082 | 7238 | 1.89 | cps |
| Iron | 54-2 | 16132 | 15798 | 15158 | 15696 | 3.15 | cps |
| Krypton | 83-1 | 180 | 147 | 170 | 166 | 10.33 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:40:50 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2304 | 2367 | 2274 | 2315 | 2.06 | cps |
| Lead | 207-1 | 1947 | 1900 | 1900 | 1916 | 1.41 | cps |
| Lead | 208-1 | 9055 | 8885 | 8918 | 8952 | 1.01 | cps |
| Lithium | 6-1 | 1935870 | 1936513 | 1920238 | 1930873 | 0.48 | cps |
| Magnesium | 24-2 | 11938 | 12465 | 12462 | 12288 | 2.47 | cps |
| Manganese | 55-2 | 8009 | 7919 | 7932 | 7953 | 0.61 | cps |
| Molybdenum | 94-1 | 723 | 700 | 607 | 677 | 9.13 | cps |
| Molybdenum | 95-1 | 297 | 363 | 243 | 301 | 19.97 | cps |
| Molybdenum | 96-1 | 387 | 447 | 397 | 410 | 7.84 | cps |
| Molybdenum | 97-1 | 200 | 160 | 157 | 172 | 14.00 | cps |
| Molybdenum | 98-1 | 440 | 517 | 580 | 512 | 13.69 | cps |
| Neodymium | 150-1 | 157 | 123 | 173 | 151 | 16.85 | cps |
| Neodymium | 150-2 | 80 | 100 | 97 | 92 | 11.62 | cps |
| Nickel | 60-2 | 713 | 700 | 713 | 709 | 1.09 | cps |
| Phosphorus | 31-2 | 643 | 690 | 670 | 668 | 3.51 | cps |
| Potassium | 39-2 | 60320 | 61105 | 60382 | 60603 | 0.72 | cps |
| Rhodium | 103-1 | 11681479 | 11399004 | 11466552 | 11515678 | 1.28 | cps |
| Rhodium | 103-2 | 6988068 | 6936486 | 7010684 | 6978413 | 0.54 | cps |
| Scandium | 45-1 | 6559883 | 6481181 | 6494872 | 6511979 | 0.65 | cps |
| Scandium | 45-2 | 576455 | 573605 | 568694 | 572918 | 0.69 | cps |
| Selenium | 82-1 | 136 | 194 | 104 | 145 | 31.52 | cps |
| Selenium | 77-2 | 0 | 3 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 467 | 330 | 420 | 406 | 17.13 | cps |
| Silicon | 28-1 | 822163 | 829425 | 840698 | 830762 | 1.12 | cps |
| Silver | 107-1 | 237 | 173 | 197 | 202 | 15.84 | cps |
| Silver | 109-1 | 180 | 183 | 153 | 172 | 9.55 | cps |
| Sodium | 23-2 | 117299 | 116201 | 117370 | 116957 | 0.56 | cps |
| Strontium | 86-1 | 1753 | 1660 | 1663 | 1692 | 3.13 | cps |
| Strontium | 88-1 | 12529 | 12455 | 12232 | 12405 | 1.25 | cps |
| Sulfur | 34-1 | 152340 | 152479 | 152091 | 152303 | 0.13 | cps |
| Terbium | 159-1 | 16195876 | 16104225 | 16146943 | 16149014 | 0.28 | cps |
| Terbium | 159-2 | 11029459 | 11249300 | 11187881 | 11155547 | 1.02 | cps |
| Thallium | 203-1 | 293 | 300 | 283 | 292 | 2.87 | cps |
| Thallium | 205-1 | 743 | 627 | 617 | 662 | 10.63 | cps |
| Tin | 118-1 | 2547 | 2757 | 2687 | 2664 | 4.02 | cps |
| Titanium | 47-1 | 1037 | 1444 | 1030 | 1170 | 20.26 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:40:50 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 130 | 190 | 150 | 157 | 19.50 | cps |
| Vanadium | 51-2 | 377 | 347 | 363 | 362 | 4.15 | cps |
| Yttrium | 89-1 | 18913792 | 18719619 | 18939174 | 18857528 | 0.64 | cps |
| Yttrium | 89-2 | 5220389 | 5172592 | 5184818 | 5192600 | 0.48 | cps |
| Zinc | 66-2 | 2624 | 2707 | 2630 | 2654 | 1.75 | cps |
| Zirconium | 90-1 | 1213 | 1080 | 1363 | 1219 | 11.63 | cps |
| Zirconium | 91-1 | 240 | 243 | 290 | 258 | 10.85 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:44:12 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2504 | 1930 | 1907 | 2114 | 16.00 | cps |
| Antimony | 121-1 | 190 | 193 | 147 | 177 | 14.74 | cps |
| Arsenic | 75-2 | 150 | 13 | 3 | 56 | 147.51 | cps |
| Barium | 135-1 | 370 | 343 | 383 | 366 | 5.57 | cps |
| Barium | 137-1 | 647 | 660 | 717 | 674 | 5.51 | cps |
| Beryllium | 9-1 | 50 | 23 | 47 | 40 | 36.33 | cps |
| Bismuth | 209-1 | 9885554 | 9673563 | 9662595 | 9740571 | 1.29 | cps |
| Bismuth | 209-2 | 8317308 | 8324842 | 8303697 | 8315282 | 0.13 | cps |
| Bromine | 81-1 | 13580 | 13153 | 13767 | 13500 | 2.33 | cps |
| Bromine | 81-2 | 123 | 107 | 117 | 116 | 7.26 | cps |
| Cadmium | 108-1 | 10 | 27 | 17 | 18 | 47.19 | cps |
| Cadmium | 106-1 | 4391 | 4517 | 4401 | 4436 | 1.59 | cps |
| Cadmium | 111-1 | 891 | 908 | 879 | 893 | 1.66 | cps |
| Calcium | 43-1 | 1043 | 1167 | 1020 | 1077 | 7.32 | cps |
| Calcium | 44-1 | 18885 | 19756 | 19179 | 19273 | 2.30 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2367 | 2500 | 2484 | 2450 | 2.97 | cps |
| Cobalt | 59-2 | 270 | 177 | 163 | 203 | 28.58 | cps |
| Copper | 63-2 | 77516 | 77312 | 75647 | 76825 | 1.33 | cps |
| Dysprosium | 156-1 | 20 | 30 | 30 | 27 | 21.65 | cps |
| Dysprosium | 156-2 | 20 | 17 | 30 | 22 | 31.22 | cps |
| Erbium | 164-1 | 83 | 147 | 87 | 106 | 33.77 | cps |
| Erbium | 164-2 | 60 | 77 | 30 | 56 | 42.57 | cps |
| Gadolinium | 160-1 | 110 | 70 | 77 | 86 | 25.05 | cps |
| Gadolinium | 160-2 | 617 | 643 | 553 | 604 | 7.65 | cps |
| Holmium | 165-1 | 15781648 | 15706959 | 15708407 | 15732338 | 0.27 | cps |
| Holmium | 165-2 | 11358383 | 11490776 | 11377008 | 11408722 | 0.63 | cps |
| Indium | 115-1 | 12775525 | 12554134 | 12507199 | 12612286 | 1.14 | cps |
| Indium | 115-2 | 4812783 | 4788240 | 4807810 | 4802944 | 0.27 | cps |
| Iron | 56-2 | 177806 | 170808 | 169092 | 172569 | 2.67 | cps |
| Iron | 57-2 | 5154 | 4934 | 4784 | 4958 | 3.76 | cps |
| Iron | 54-2 | 11511 | 10534 | 10844 | 10963 | 4.56 | cps |
| Krypton | 83-1 | 140 | 250 | 150 | 180 | 33.80 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:44:12 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 833 | 723 | 730 | 762 | 8.09 | cps |
| Lead | 207-1 | 670 | 683 | 630 | 661 | 4.20 | cps |
| Lead | 208-1 | 3160 | 3210 | 2967 | 3112 | 4.13 | cps |
| Lithium | 6-1 | 1945437 | 1938163 | 1902796 | 1928799 | 1.18 | cps |
| Magnesium | 24-2 | 4556 | 3170 | 3204 | 3643 | 21.70 | cps |
| Manganese | 55-2 | 2880 | 2674 | 2614 | 2722 | 5.14 | cps |
| Molybdenum | 94-1 | 407 | 413 | 433 | 418 | 3.32 | cps |
| Molybdenum | 95-1 | 240 | 313 | 277 | 277 | 13.25 | cps |
| Molybdenum | 96-1 | 347 | 383 | 313 | 348 | 10.07 | cps |
| Molybdenum | 97-1 | 157 | 123 | 163 | 148 | 14.50 | cps |
| Molybdenum | 98-1 | 480 | 473 | 440 | 464 | 4.61 | cps |
| Neodymium | 150-1 | 33 | 13 | 20 | 22 | 45.83 | cps |
| Neodymium | 150-2 | 27 | 10 | 33 | 23 | 51.50 | cps |
| Nickel | 60-2 | 15438 | 15768 | 15808 | 15672 | 1.30 | cps |
| Phosphorus | 31-2 | 250 | 220 | 280 | 250 | 12.00 | cps |
| Potassium | 39-2 | 54116 | 52159 | 52891 | 53055 | 1.86 | cps |
| Rhodium | 103-1 | 11656196 | 11660530 | 11659442 | 11658723 | 0.02 | cps |
| Rhodium | 103-2 | 6999420 | 6993823 | 6990121 | 6994455 | 0.07 | cps |
| Scandium | 45-1 | 6672794 | 6501248 | 6595969 | 6590004 | 1.30 | cps |
| Scandium | 45-2 | 576843 | 576580 | 577537 | 576987 | 0.09 | cps |
| Selenium | 82-1 | 227 | 99 | 162 | 163 | 39.10 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 467 | 480 | 343 | 430 | 17.52 | cps |
| Silicon | 28-1 | 597852 | 608201 | 597658 | 601237 | 1.00 | cps |
| Silver | 107-1 | 157 | 150 | 120 | 142 | 13.73 | cps |
| Silver | 109-1 | 80 | 83 | 80 | 81 | 2.37 | cps |
| Sodium | 23-2 | 44069 | 39313 | 39932 | 41105 | 6.29 | cps |
| Strontium | 86-1 | 630 | 580 | 633 | 614 | 4.86 | cps |
| Strontium | 88-1 | 2710 | 2624 | 2607 | 2647 | 2.10 | cps |
| Sulfur | 34-1 | 159549 | 159465 | 161577 | 160197 | 0.75 | cps |
| Terbium | 159-1 | 16182037 | 16124692 | 15963285 | 16090005 | 0.70 | cps |
| Terbium | 159-2 | 11091217 | 11166625 | 11127326 | 11128389 | 0.34 | cps |
| Thallium | 203-1 | 283 | 250 | 180 | 238 | 22.18 | cps |
| Thallium | 205-1 | 610 | 677 | 510 | 599 | 14.01 | cps |
| Tin | 118-1 | 1547 | 1407 | 1537 | 1497 | 5.22 | cps |
| Titanium | 47-1 | 273 | 257 | 260 | 263 | 3.35 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:44:12 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53 | 33 | 77 | 54 | 39.84 | cps |
| Vanadium | 51-2 | 167 | 77 | 100 | 114 | 40.81 | cps |
| Yttrium | 89-1 | 19065075 | 19076958 | 18846481 | 18996171 | 0.68 | cps |
| Yttrium | 89-2 | 5237816 | 5235974 | 5265497 | 5246429 | 0.32 | cps |
| Zinc | 66-2 | 883 | 707 | 710 | 767 | 13.18 | cps |
| Zirconium | 90-1 | 773 | 763 | 820 | 786 | 3.85 | cps |
| Zirconium | 91-1 | 163 | 163 | 137 | 154 | 9.97 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:47:32 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 531428 | 530312 | 527935 | 529891 | 0.34 | cps |
| Antimony | 121-1 | 1259470 | 1264603 | 1271710 | 1265261 | 0.49 | cps |
| Arsenic | 75-2 | 26410 | 26343 | 26634 | 26463 | 0.57 | cps |
| Barium | 135-1 | 6532344 | 6570484 | 6464466 | 6522432 | 0.82 | cps |
| Barium | 137-1 | 11208480 | 11373955 | 11312802 | 11298412 | 0.74 | cps |
| Beryllium | 9-1 | 75418 | 75780 | 76631 | 75943 | 0.82 | cps |
| Bismuth | 209-1 | 9729984 | 9636830 | 9937875 | 9768230 | 1.58 | cps |
| Bismuth | 209-2 | 8348005 | 8304071 | 8317537 | 8323204 | 0.27 | cps |
| Bromine | 81-1 | 13686 | 13400 | 13553 | 13546 | 1.06 | cps |
| Bromine | 81-2 | 143 | 157 | 180 | 160 | 11.60 | cps |
| Cadmium | 108-1 | 11011 | 11234 | 11044 | 11097 | 1.09 | cps |
| Cadmium | 106-1 | 19280 | 19403 | 19293 | 19325 | 0.35 | cps |
| Cadmium | 111-1 | 158960 | 159020 | 161635 | 159872 | 0.96 | cps |
| Calcium | 43-1 | 4494 | 4624 | 4571 | 4563 | 1.43 | cps |
| Calcium | 44-1 | 73765 | 73514 | 73832 | 73703 | 0.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 990826 | 985312 | 981441 | 985860 | 0.48 | cps |
| Cobalt | 59-2 | 3994941 | 4003547 | 3960696 | 3986395 | 0.57 | cps |
| Copper | 63-2 | 1336523 | 1336692 | 1324908 | 1332707 | 0.51 | cps |
| Dysprosium | 156-1 | 127 | 197 | 137 | 153 | 24.69 | cps |
| Dysprosium | 156-2 | 377 | 353 | 437 | 389 | 11.05 | cps |
| Erbium | 164-1 | 173 | 180 | 193 | 182 | 5.59 | cps |
| Erbium | 164-2 | 143 | 117 | 127 | 129 | 10.45 | cps |
| Gadolinium | 160-1 | 133 | 133 | 170 | 146 | 14.54 | cps |
| Gadolinium | 160-2 | 730 | 700 | 797 | 742 | 6.67 | cps |
| Holmium | 165-1 | 15923457 | 15755474 | 15758848 | 15812593 | 0.61 | cps |
| Holmium | 165-2 | 11450648 | 11492815 | 11469178 | 11470880 | 0.18 | cps |
| Indium | 115-1 | 12806843 | 12752965 | 12727346 | 12762385 | 0.32 | cps |
| Indium | 115-2 | 4866178 | 4835079 | 4814371 | 4838543 | 0.54 | cps |
| Iron | 56-2 | 5026715 | 4928194 | 5040976 | 4998628 | 1.23 | cps |
| Iron | 57-2 | 125603 | 125623 | 126056 | 125761 | 0.20 | cps |
| Iron | 54-2 | 310517 | 311475 | 309101 | 310364 | 0.38 | cps |
| Krypton | 83-1 | 157 | 213 | 193 | 188 | 15.31 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:47:32 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 197207 | 195968 | 199109 | 197428 | 0.80 | cps |
| Lead | 207-1 | 167494 | 171724 | 171869 | 170362 | 1.46 | cps |
| Lead | 208-1 | 779104 | 782244 | 790152 | 783834 | 0.73 | cps |
| Lithium | 6-1 | 1978222 | 1952948 | 1970637 | 1967269 | 0.66 | cps |
| Magnesium | 24-2 | 12622 | 12025 | 12472 | 12373 | 2.51 | cps |
| Manganese | 55-2 | 2049727 | 1985204 | 2035179 | 2023370 | 1.67 | cps |
| Molybdenum | 94-1 | 2437 | 2470 | 2470 | 2459 | 0.78 | cps |
| Molybdenum | 95-1 | 3697 | 3757 | 3520 | 3658 | 3.36 | cps |
| Molybdenum | 96-1 | 3600 | 3831 | 3914 | 3782 | 4.29 | cps |
| Molybdenum | 97-1 | 2320 | 2174 | 2184 | 2226 | 3.68 | cps |
| Molybdenum | 98-1 | 5788 | 6008 | 5705 | 5833 | 2.69 | cps |
| Neodymium | 150-1 | 443 | 480 | 453 | 459 | 4.13 | cps |
| Neodymium | 150-2 | 127 | 113 | 137 | 126 | 9.33 | cps |
| Nickel | 60-2 | 990737 | 985715 | 975931 | 984127 | 0.77 | cps |
| Phosphorus | 31-2 | 687 | 630 | 677 | 664 | 4.55 | cps |
| Potassium | 39-2 | 64707 | 63910 | 63713 | 64110 | 0.82 | cps |
| Rhodium | 103-1 | 11831804 | 11750395 | 11717902 | 11766700 | 0.50 | cps |
| Rhodium | 103-2 | 7170080 | 7030808 | 7059108 | 7086665 | 1.04 | cps |
| Scandium | 45-1 | 6696183 | 6665647 | 6620031 | 6660621 | 0.58 | cps |
| Scandium | 45-2 | 592120 | 588817 | 579912 | 586950 | 1.08 | cps |
| Selenium | 82-1 | 20276 | 20057 | 20294 | 20209 | 0.65 | cps |
| Selenium | 77-2 | 2244 | 2297 | 2184 | 2241 | 2.53 | cps |
| Selenium | 78-2 | 7939 | 7882 | 7582 | 7801 | 2.46 | cps |
| Silicon | 28-1 | 833188 | 848970 | 876537 | 852898 | 2.57 | cps |
| Silver | 107-1 | 802279 | 814320 | 813354 | 809984 | 0.83 | cps |
| Silver | 109-1 | 769715 | 771904 | 769720 | 770446 | 0.16 | cps |
| Sodium | 23-2 | 120147 | 121306 | 120470 | 120641 | 0.50 | cps |
| Strontium | 86-1 | 1727 | 1800 | 1757 | 1761 | 2.09 | cps |
| Strontium | 88-1 | 13389 | 12922 | 13166 | 13159 | 1.78 | cps |
| Sulfur | 34-1 | 159752 | 159405 | 157708 | 158955 | 0.69 | cps |
| Terbium | 159-1 | 16384435 | 16188139 | 16285611 | 16286062 | 0.60 | cps |
| Terbium | 159-2 | 11299116 | 11352687 | 11144487 | 11265430 | 0.96 | cps |
| Thallium | 203-1 | 596588 | 601707 | 596346 | 598213 | 0.51 | cps |
| Thallium | 205-1 | 1410306 | 1429926 | 1435297 | 1425176 | 0.92 | cps |
| Tin | 118-1 | 4214 | 4154 | 3917 | 4095 | 3.83 | cps |
| Titanium | 47-1 | 1043 | 963 | 1120 | 1042 | 7.52 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:47:32 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 177 | 193 | 140 | 170 | 16.05 | cps |
| Vanadium | 51-2 | 2190826 | 2200335 | 2198840 | 2196667 | 0.23 | cps |
| Yttrium | 89-1 | 19215037 | 19094386 | 18951759 | 19087061 | 0.69 | cps |
| Yttrium | 89-2 | 5255227 | 5317240 | 5260199 | 5277555 | 0.65 | cps |
| Zinc | 66-2 | 496208 | 492797 | 494551 | 494519 | 0.34 | cps |
| Zirconium | 90-1 | 1811 | 1844 | 1293 | 1650 | 18.73 | cps |
| Zirconium | 91-1 | 423 | 413 | 393 | 410 | 3.73 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5254-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:50:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 943 | 990 | 1050 | 994 | 5.38 | cps |
| Antimony | 121-1 | 530 | 583 | 433 | 516 | 14.75 | cps |
| Arsenic | 75-2 | 13 | 13 | 20 | 16 | 24.76 | cps |
| Barium | 135-1 | 2114 | 1613 | 1213 | 1647 | 27.39 | cps |
| Barium | 137-1 | 3731 | 3110 | 2014 | 2951 | 29.46 | cps |
| Beryllium | 9-1 | 77 | 113 | 97 | 96 | 19.21 | cps |
| Bismuth | 209-1 | 9825616 | 9567880 | 9640410 | 9677968 | 1.37 | cps |
| Bismuth | 209-2 | 8232436 | 8267671 | 8284050 | 8261386 | 0.32 | cps |
| Bromine | 81-1 | 13700 | 13443 | 13393 | 13512 | 1.22 | cps |
| Bromine | 81-2 | 90 | 63 | 113 | 89 | 28.15 | cps |
| Cadmium | 108-1 | 10 | 23 | 10 | 14 | 53.28 | cps |
| Cadmium | 106-1 | 4554 | 4391 | 4354 | 4433 | 2.40 | cps |
| Cadmium | 111-1 | 991 | 912 | 921 | 941 | 4.59 | cps |
| Calcium | 43-1 | 677 | 743 | 720 | 713 | 4.74 | cps |
| Calcium | 44-1 | 14701 | 14674 | 14737 | 14704 | 0.22 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3010 | 2704 | 2997 | 2904 | 5.97 | cps |
| Cobalt | 59-2 | 430 | 353 | 293 | 359 | 19.09 | cps |
| Copper | 63-2 | 1480 | 1350 | 1410 | 1413 | 4.60 | cps |
| Dysprosium | 156-1 | 3 | 20 | 20 | 14 | 66.64 | cps |
| Dysprosium | 156-2 | 3 | 7 | 13 | 8 | 65.47 | cps |
| Erbium | 164-1 | 97 | 113 | 73 | 94 | 21.28 | cps |
| Erbium | 164-2 | 63 | 63 | 53 | 60 | 9.62 | cps |
| Gadolinium | 160-1 | 53 | 57 | 77 | 62 | 20.29 | cps |
| Gadolinium | 160-2 | 657 | 553 | 543 | 584 | 10.74 | cps |
| Holmium | 165-1 | 15908512 | 15551824 | 15203486 | 15554607 | 2.27 | cps |
| Holmium | 165-2 | 11479052 | 11386673 | 11385739 | 11417154 | 0.47 | cps |
| Indium | 115-1 | 12749953 | 12632810 | 12681315 | 12688026 | 0.46 | cps |
| Indium | 115-2 | 4903424 | 4849505 | 4794551 | 4849160 | 1.12 | cps |
| Iron | 56-2 | 50986 | 50605 | 50210 | 50600 | 0.77 | cps |
| Iron | 57-2 | 1863 | 1717 | 1757 | 1779 | 4.26 | cps |
| Iron | 54-2 | 4321 | 3951 | 4475 | 4249 | 6.34 | cps |
| Krypton | 83-1 | 123 | 150 | 150 | 141 | 10.91 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5254-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:50:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1190 | 1310 | 1277 | 1259 | 4.92 | cps |
| Lead | 207-1 | 1120 | 1060 | 1033 | 1071 | 4.14 | cps |
| Lead | 208-1 | 5007 | 5077 | 4927 | 5004 | 1.50 | cps |
| Lithium | 6-1 | 1947934 | 1922681 | 1900117 | 1923577 | 1.24 | cps |
| Magnesium | 24-2 | 2260 | 2237 | 1983 | 2160 | 7.10 | cps |
| Manganese | 55-2 | 4524 | 4444 | 4341 | 4436 | 2.07 | cps |
| Molybdenum | 94-1 | 417 | 347 | 423 | 396 | 10.74 | cps |
| Molybdenum | 95-1 | 270 | 333 | 367 | 323 | 15.19 | cps |
| Molybdenum | 96-1 | 317 | 400 | 387 | 368 | 12.17 | cps |
| Molybdenum | 97-1 | 203 | 180 | 157 | 180 | 12.96 | cps |
| Molybdenum | 98-1 | 550 | 480 | 483 | 504 | 7.83 | cps |
| Neodymium | 150-1 | 17 | 37 | 13 | 22 | 56.80 | cps |
| Neodymium | 150-2 | 3 | 3 | 10 | 6 | 69.34 | cps |
| Nickel | 60-2 | 943 | 897 | 947 | 929 | 3.01 | cps |
| Phosphorus | 31-2 | 113 | 153 | 147 | 138 | 15.55 | cps |
| Potassium | 39-2 | 52727 | 52728 | 53584 | 53013 | 0.93 | cps |
| Rhodium | 103-1 | 11651686 | 11701339 | 11538066 | 11630364 | 0.72 | cps |
| Rhodium | 103-2 | 7123726 | 7182554 | 7018649 | 7108310 | 1.17 | cps |
| Scandium | 45-1 | 6612618 | 6621951 | 6608722 | 6614430 | 0.10 | cps |
| Scandium | 45-2 | 581865 | 588568 | 583037 | 584490 | 0.61 | cps |
| Selenium | 82-1 | 225 | 152 | 151 | 176 | 23.91 | cps |
| Selenium | 77-2 | 7 | 0 | 0 | 2 | 173.21 | cps |
| Selenium | 78-2 | 447 | 433 | 473 | 451 | 4.52 | cps |
| Silicon | 28-1 | 557188 | 572583 | 574237 | 568003 | 1.66 | cps |
| Silver | 107-1 | 627 | 567 | 380 | 524 | 24.53 | cps |
| Silver | 109-1 | 527 | 440 | 390 | 452 | 15.29 | cps |
| Sodium | 23-2 | 36640 | 36450 | 37024 | 36705 | 0.80 | cps |
| Strontium | 86-1 | 417 | 403 | 393 | 404 | 2.90 | cps |
| Strontium | 88-1 | 1197 | 1157 | 1157 | 1170 | 1.97 | cps |
| Sulfur | 34-1 | 156313 | 159795 | 161560 | 159223 | 1.68 | cps |
| Terbium | 159-1 | 16125387 | 16198279 | 15945335 | 16089667 | 0.81 | cps |
| Terbium | 159-2 | 11312804 | 11289539 | 11117411 | 11239918 | 0.95 | cps |
| Thallium | 203-1 | 580 | 443 | 393 | 472 | 20.46 | cps |
| Thallium | 205-1 | 1173 | 1170 | 893 | 1079 | 14.90 | cps |
| Tin | 118-1 | 2597 | 8149 | 2657 | 4468 | 71.36 | cps |
| Titanium | 47-1 | 123 | 177 | 113 | 138 | 24.71 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5254-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:50:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 27 | 10 | 30 | 22 | 48.22 | cps |
| Vanadium | 51-2 | 200 | 180 | 83 | 154 | 40.40 | cps |
| Yttrium | 89-1 | 19065368 | 19174363 | 19011914 | 19083882 | 0.43 | cps |
| Yttrium | 89-2 | 5316620 | 5271447 | 5218710 | 5268926 | 0.93 | cps |
| Zinc | 66-2 | 1203 | 1150 | 1363 | 1239 | 8.96 | cps |
| Zirconium | 90-1 | 770 | 747 | 740 | 752 | 2.09 | cps |
| Zirconium | 91-1 | 160 | 117 | 163 | 147 | 17.75 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:54:04 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1067 | 1043 | 1010 | 1040 | 2.74 | cps |
| Antimony | 121-1 | 510 | 423 | 467 | 467 | 9.29 | cps |
| Arsenic | 75-2 | 293 | 280 | 273 | 282 | 3.61 | cps |
| Barium | 135-1 | 1333 | 1553 | 1557 | 1481 | 8.64 | cps |
| Barium | 137-1 | 2824 | 2780 | 2710 | 2771 | 2.06 | cps |
| Beryllium | 9-1 | 40 | 93 | 97 | 77 | 41.48 | cps |
| Bismuth | 209-1 | 10153300 | 10092467 | 10208369 | 10151379 | 0.57 | cps |
| Bismuth | 209-2 | 8673234 | 8780541 | 8610445 | 8688073 | 0.99 | cps |
| Bromine | 81-1 | 14484 | 14294 | 14627 | 14468 | 1.16 | cps |
| Bromine | 81-2 | 90 | 107 | 93 | 97 | 9.13 | cps |
| Cadmium | 108-1 | 13 | 3 | 27 | 14 | 81.07 | cps |
| Cadmium | 106-1 | 4647 | 4357 | 4247 | 4417 | 4.68 | cps |
| Cadmium | 111-1 | 970 | 889 | 868 | 909 | 5.96 | cps |
| Calcium | 43-1 | 2003 | 2194 | 2214 | 2137 | 5.42 | cps |
| Calcium | 44-1 | 38128 | 38809 | 39060 | 38666 | 1.25 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2897 | 2914 | 2924 | 2911 | 0.46 | cps |
| Cobalt | 59-2 | 120 | 107 | 127 | 118 | 8.65 | cps |
| Copper | 63-2 | 4041 | 3897 | 4201 | 4046 | 3.75 | cps |
| Dysprosium | 156-1 | 20 | 20 | 20 | 20 | 0.00 | cps |
| Dysprosium | 156-2 | 7 | 23 | 7 | 12 | 78.69 | cps |
| Erbium | 164-1 | 117 | 90 | 63 | 90 | 29.63 | cps |
| Erbium | 164-2 | 53 | 60 | 103 | 72 | 37.59 | cps |
| Gadolinium | 160-1 | 50 | 67 | 47 | 54 | 19.68 | cps |
| Gadolinium | 160-2 | 563 | 597 | 693 | 618 | 10.93 | cps |
| Holmium | 165-1 | 16539954 | 16326773 | 16692268 | 16519665 | 1.11 | cps |
| Holmium | 165-2 | 11880538 | 11933686 | 11811435 | 11875219 | 0.52 | cps |
| Indium | 115-1 | 13404025 | 13048093 | 13121512 | 13191210 | 1.42 | cps |
| Indium | 115-2 | 4957508 | 5039360 | 4916170 | 4971013 | 1.26 | cps |
| Iron | 56-2 | 55525 | 54224 | 54465 | 54738 | 1.26 | cps |
| Iron | 57-2 | 1837 | 1890 | 1927 | 1885 | 2.40 | cps |
| Iron | 54-2 | 4437 | 4397 | 4361 | 4398 | 0.87 | cps |
| Krypton | 83-1 | 117 | 187 | 157 | 153 | 22.90 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:54:04 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2107 | 2227 | 2424 | 2252 | 7.10 | cps |
| Lead | 207-1 | 1717 | 1933 | 2097 | 1916 | 9.95 | cps |
| Lead | 208-1 | 8118 | 9071 | 9518 | 8902 | 8.04 | cps |
| Lithium | 6-1 | 1888407 | 1871071 | 1874350 | 1877943 | 0.49 | cps |
| Magnesium | 24-2 | 5268 | 5664 | 5568 | 5500 | 3.76 | cps |
| Manganese | 55-2 | 2507 | 2567 | 2670 | 2581 | 3.20 | cps |
| Molybdenum | 94-1 | 723 | 910 | 670 | 768 | 16.41 | cps |
| Molybdenum | 95-1 | 257 | 257 | 263 | 259 | 1.49 | cps |
| Molybdenum | 96-1 | 473 | 427 | 417 | 439 | 6.89 | cps |
| Molybdenum | 97-1 | 207 | 123 | 200 | 177 | 26.21 | cps |
| Molybdenum | 98-1 | 443 | 460 | 540 | 481 | 10.74 | cps |
| Neodymium | 150-1 | 10 | 20 | 20 | 17 | 34.64 | cps |
| Neodymium | 150-2 | 10 | 10 | 7 | 9 | 21.63 | cps |
| Nickel | 60-2 | 747 | 753 | 813 | 771 | 4.76 | cps |
| Phosphorus | 31-2 | 140 | 130 | 203 | 158 | 25.21 | cps |
| Potassium | 39-2 | 54638 | 54915 | 54494 | 54682 | 0.39 | cps |
| Rhodium | 103-1 | 12250603 | 12000254 | 12296097 | 12182318 | 1.31 | cps |
| Rhodium | 103-2 | 7347179 | 7412306 | 7375567 | 7378351 | 0.44 | cps |
| Scandium | 45-1 | 6775699 | 6807749 | 6735983 | 6773144 | 0.53 | cps |
| Scandium | 45-2 | 588062 | 589797 | 588591 | 588817 | 0.15 | cps |
| Selenium | 82-1 | 240 | 149 | 209 | 199 | 23.19 | cps |
| Selenium | 77-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Selenium | 78-2 | 397 | 397 | 427 | 407 | 4.26 | cps |
| Silicon | 28-1 | 579248 | 585397 | 588102 | 584249 | 0.78 | cps |
| Silver | 107-1 | 340 | 350 | 410 | 367 | 10.33 | cps |
| Silver | 109-1 | 250 | 323 | 263 | 279 | 14.01 | cps |
| Sodium | 23-2 | 123174 | 124958 | 124726 | 124286 | 0.78 | cps |
| Strontium | 86-1 | 680 | 713 | 697 | 697 | 2.39 | cps |
| Strontium | 88-1 | 4014 | 4017 | 4064 | 4032 | 0.69 | cps |
| Sulfur | 34-1 | 43686223 | 43497728 | 43964003 | 43715984 | 0.54 | cps |
| Terbium | 159-1 | 16852827 | 16756294 | 16969319 | 16859480 | 0.63 | cps |
| Terbium | 159-2 | 11753125 | 11764053 | 11699084 | 11738754 | 0.30 | cps |
| Thallium | 203-1 | 647 | 1183 | 1533 | 1121 | 39.84 | cps |
| Thallium | 205-1 | 1687 | 2667 | 3564 | 2639 | 35.57 | cps |
| Tin | 118-1 | 74796 | 75845 | 76793 | 75811 | 1.32 | cps |
| Titanium | 47-1 | 450 | 393 | 400 | 414 | 7.47 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:54:04 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30 | 17 | 30 | 26 | 30.11 | cps |
| Vanadium | 51-2 | 1250 | 1337 | 1393 | 1327 | 5.44 | cps |
| Yttrium | 89-1 | 19818944 | 19753932 | 19485422 | 19686099 | 0.90 | cps |
| Yttrium | 89-2 | 5407194 | 5410015 | 5424050 | 5413753 | 0.17 | cps |
| Zinc | 66-2 | 1040 | 890 | 997 | 976 | 7.91 | cps |
| Zirconium | 90-1 | 1610 | 1583 | 1617 | 1603 | 1.10 | cps |
| Zirconium | 91-1 | 410 | 353 | 343 | 369 | 9.75 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNC00 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:57:24 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20337 | 19920 | 20173 | 20143 | 1.04 | cps |
| Antimony | 121-1 | 5641 | 5848 | 5685 | 5725 | 1.90 | cps |
| Arsenic | 75-2 | 227 | 223 | 183 | 211 | 11.42 | cps |
| Barium | 135-1 | 106558 | 107747 | 105954 | 106753 | 0.85 | cps |
| Barium | 137-1 | 185047 | 186810 | 185139 | 185665 | 0.53 | cps |
| Beryllium | 9-1 | 87 | 50 | 57 | 64 | 30.31 | cps |
| Bismuth | 209-1 | 10458634 | 9953318 | 10016129 | 10142693 | 2.72 | cps |
| Bismuth | 209-2 | 8306402 | 8403698 | 8282822 | 8330974 | 0.77 | cps |
| Bromine | 81-1 | 18772 | 19483 | 20761 | 19672 | 5.12 | cps |
| Bromine | 81-2 | 1340 | 1303 | 1503 | 1382 | 7.70 | cps |
| Cadmium | 108-1 | 23 | 40 | 43 | 36 | 30.14 | cps |
| Cadmium | 106-1 | 4841 | 4864 | 4224 | 4643 | 7.82 | cps |
| Cadmium | 111-1 | 1349 | 1283 | 1087 | 1240 | 11.02 | cps |
| Calcium | 43-1 | 1706245 | 1658697 | 1633928 | 1666290 | 2.21 | cps |
| Calcium | 44-1 | 27010122 | 27053563 | 26379747 | 26814477 | 1.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 33049 | 33404 | 33277 | 33243 | 0.54 | cps |
| Cobalt | 59-2 | 1913 | 1950 | 2053 | 1972 | 3.68 | cps |
| Copper | 63-2 | 28250 | 28874 | 27889 | 28338 | 1.76 | cps |
| Dysprosium | 156-1 | 410 | 397 | 433 | 413 | 4.49 | cps |
| Dysprosium | 156-2 | 390 | 287 | 303 | 327 | 16.98 | cps |
| Erbium | 164-1 | 573 | 447 | 490 | 503 | 12.79 | cps |
| Erbium | 164-2 | 397 | 333 | 377 | 369 | 8.78 | cps |
| Gadolinium | 160-1 | 490 | 533 | 557 | 527 | 6.42 | cps |
| Gadolinium | 160-2 | 947 | 970 | 983 | 967 | 1.92 | cps |
| Holmium | 165-1 | 17014433 | 16375174 | 16307233 | 16565613 | 2.36 | cps |
| Holmium | 165-2 | 11624312 | 11666041 | 11673552 | 11654635 | 0.23 | cps |
| Indium | 115-1 | 13750473 | 13208745 | 12894871 | 13284697 | 3.26 | cps |
| Indium | 115-2 | 4827014 | 4794915 | 4800124 | 4807351 | 0.36 | cps |
| Iron | 56-2 | 853152 | 847032 | 841694 | 847293 | 0.68 | cps |
| Iron | 57-2 | 49508 | 49966 | 49331 | 49601 | 0.66 | cps |
| Iron | 54-2 | 47802 | 48809 | 48461 | 48357 | 1.06 | cps |
| Krypton | 83-1 | 167 | 207 | 183 | 186 | 10.83 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNC00 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:57:24 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 32913 | 33805 | 33591 | 33437 | 1.39 | cps |
| Lead | 207-1 | 28049 | 28600 | 29505 | 28718 | 2.56 | cps |
| Lead | 208-1 | 129909 | 132318 | 132945 | 131724 | 1.22 | cps |
| Lithium | 6-1 | 1924824 | 1845433 | 1841533 | 1870597 | 2.51 | cps |
| Magnesium | 24-2 | 4958408 | 4901203 | 4909727 | 4923113 | 0.63 | cps |
| Manganese | 55-2 | 63389 | 63386 | 61796 | 62857 | 1.46 | cps |
| Molybdenum | 94-1 | 4721 | 4788 | 4537 | 4682 | 2.77 | cps |
| Molybdenum | 95-1 | 4684 | 4447 | 4261 | 4464 | 4.75 | cps |
| Molybdenum | 96-1 | 5381 | 5168 | 5334 | 5294 | 2.12 | cps |
| Molybdenum | 97-1 | 3034 | 2874 | 2700 | 2869 | 5.81 | cps |
| Molybdenum | 98-1 | 7305 | 7405 | 7562 | 7424 | 1.74 | cps |
| Neodymium | 150-1 | 593 | 590 | 487 | 557 | 10.89 | cps |
| Neodymium | 150-2 | 340 | 347 | 347 | 344 | 1.12 | cps |
| Nickel | 60-2 | 15345 | 15301 | 15338 | 15328 | 0.15 | cps |
| Phosphorus | 31-2 | 503 | 497 | 463 | 488 | 4.39 | cps |
| Potassium | 39-2 | 2001052 | 1993831 | 1967404 | 1987429 | 0.89 | cps |
| Rhodium | 103-1 | 12593432 | 11983744 | 11950496 | 12175891 | 2.97 | cps |
| Rhodium | 103-2 | 6969471 | 7034966 | 7037843 | 7014093 | 0.55 | cps |
| Scandium | 45-1 | 7283762 | 6847787 | 6752576 | 6961375 | 4.07 | cps |
| Scandium | 45-2 | 575942 | 577389 | 578772 | 577368 | 0.25 | cps |
| Selenium | 82-1 | 312 | 276 | 261 | 283 | 9.31 | cps |
| Selenium | 77-2 | 17 | 7 | 13 | 12 | 41.65 | cps |
| Selenium | 78-2 | 377 | 463 | 490 | 443 | 13.37 | cps |
| Silicon | 28-1 | 78312582 | 77595509 | 76991596 | 77633229 | 0.85 | cps |
| Silver | 107-1 | 300 | 273 | 307 | 293 | 6.01 | cps |
| Silver | 109-1 | 263 | 250 | 230 | 248 | 6.77 | cps |
| Sodium | 23-2 | 2795260 | 2828740 | 2811511 | 2811837 | 0.60 | cps |
| Strontium | 86-1 | 693947 | 705691 | 693967 | 697869 | 0.97 | cps |
| Strontium | 88-1 | 6210440 | 6188213 | 6266503 | 6221719 | 0.65 | cps |
| Sulfur | 34-1 | 305360 | 298320 | 287970 | 297217 | 2.94 | cps |
| Terbium | 159-1 | 17774421 | 16828661 | 16833393 | 17145491 | 3.18 | cps |
| Terbium | 159-2 | 11491204 | 11464410 | 11448412 | 11468009 | 0.19 | cps |
| Thallium | 203-1 | 680 | 590 | 650 | 640 | 7.16 | cps |
| Thallium | 205-1 | 1683 | 1620 | 1420 | 1575 | 8.73 | cps |
| Tin | 118-1 | 2917 | 3004 | 3067 | 2996 | 2.51 | cps |
| Titanium | 47-1 | 3777 | 3414 | 3584 | 3592 | 5.06 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNC00 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:57:24 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 9427 | 9660 | 9740 | 9609 | 1.70 | cps |
| Vanadium | 51-2 | 3190 | 3207 | 3197 | 3198 | 0.26 | cps |
| Yttrium | 89-1 | 20924041 | 20068169 | 19706281 | 20232830 | 3.09 | cps |
| Yttrium | 89-2 | 5298981 | 5297645 | 5347626 | 5314751 | 0.54 | cps |
| Zinc | 66-2 | 8356 | 8839 | 8576 | 8590 | 2.82 | cps |
| Zirconium | 90-1 | 5601 | 5821 | 5544 | 5656 | 2.59 | cps |
| Zirconium | 91-1 | 1173 | 1230 | 1273 | 1226 | 4.09 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 917 | 960 | 920 | 932 | 2.59 | cps |
| Antimony | 121-1 | 157 | 150 | 150 | 152 | 2.53 | cps |
| Arsenic | 75-2 | 23 | 17 | 27 | 22 | 22.91 | cps |
| Barium | 135-1 | 177 | 210 | 200 | 196 | 8.75 | cps |
| Barium | 137-1 | 407 | 310 | 333 | 350 | 14.41 | cps |
| Beryllium | 9-1 | 53 | 60 | 93 | 69 | 31.11 | cps |
| Bismuth | 209-1 | 10084059 | 9917542 | 10030156 | 10010586 | 0.85 | cps |
| Bismuth | 209-2 | 8549673 | 8464927 | 8460036 | 8491546 | 0.59 | cps |
| Bromine | 81-1 | 14147 | 13970 | 14074 | 14063 | 0.63 | cps |
| Bromine | 81-2 | 107 | 97 | 143 | 116 | 21.26 | cps |
| Cadmium | 108-1 | 17 | 13 | 20 | 17 | 20.01 | cps |
| Cadmium | 106-1 | 4481 | 4367 | 4221 | 4356 | 2.99 | cps |
| Cadmium | 111-1 | 938 | 884 | 864 | 895 | 4.28 | cps |
| Calcium | 43-1 | 780 | 817 | 813 | 803 | 2.52 | cps |
| Calcium | 44-1 | 16299 | 16339 | 15828 | 16155 | 1.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2814 | 3010 | 2674 | 2833 | 5.97 | cps |
| Cobalt | 59-2 | 90 | 107 | 83 | 93 | 12.88 | cps |
| Copper | 63-2 | 2187 | 2350 | 2264 | 2267 | 3.61 | cps |
| Dysprosium | 156-1 | 13 | 10 | 10 | 11 | 17.30 | cps |
| Dysprosium | 156-2 | 13 | 7 | 10 | 10 | 33.30 | cps |
| Erbium | 164-1 | 57 | 63 | 73 | 64 | 13.01 | cps |
| Erbium | 164-2 | 50 | 90 | 63 | 68 | 30.05 | cps |
| Gadolinium | 160-1 | 63 | 53 | 30 | 49 | 34.99 | cps |
| Gadolinium | 160-2 | 610 | 647 | 643 | 633 | 3.20 | cps |
| Holmium | 165-1 | 16414215 | 16287484 | 16157494 | 16286398 | 0.79 | cps |
| Holmium | 165-2 | 11715967 | 11654946 | 11652716 | 11674543 | 0.31 | cps |
| Indium | 115-1 | 13306829 | 13045670 | 12820996 | 13057832 | 1.86 | cps |
| Indium | 115-2 | 4837330 | 4793682 | 4815645 | 4815552 | 0.45 | cps |
| Iron | 56-2 | 43570 | 43947 | 44124 | 43880 | 0.65 | cps |
| Iron | 57-2 | 1580 | 1623 | 1473 | 1559 | 4.95 | cps |
| Iron | 54-2 | 3717 | 3884 | 3747 | 3783 | 2.35 | cps |
| Krypton | 83-1 | 233 | 143 | 180 | 186 | 24.39 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1447 | 1443 | 1480 | 1457 | 1.39 | cps |
| Lead | 207-1 | 1140 | 1283 | 1257 | 1227 | 6.21 | cps |
| Lead | 208-1 | 5631 | 5674 | 5587 | 5631 | 0.77 | cps |
| Lithium | 6-1 | 1909888 | 1861879 | 1878250 | 1883339 | 1.30 | cps |
| Magnesium | 24-2 | 1823 | 1840 | 1743 | 1802 | 2.87 | cps |
| Manganese | 55-2 | 2847 | 3037 | 2947 | 2944 | 3.23 | cps |
| Molybdenum | 94-1 | 410 | 373 | 427 | 403 | 6.77 | cps |
| Molybdenum | 95-1 | 257 | 313 | 220 | 263 | 17.86 | cps |
| Molybdenum | 96-1 | 333 | 353 | 380 | 356 | 6.59 | cps |
| Molybdenum | 97-1 | 130 | 167 | 187 | 161 | 17.84 | cps |
| Molybdenum | 98-1 | 347 | 403 | 473 | 408 | 15.56 | cps |
| Neodymium | 150-1 | 13 | 10 | 13 | 12 | 15.73 | cps |
| Neodymium | 150-2 | 10 | 10 | 7 | 9 | 21.63 | cps |
| Nickel | 60-2 | 757 | 777 | 770 | 768 | 1.33 | cps |
| Phosphorus | 31-2 | 187 | 170 | 133 | 163 | 16.70 | cps |
| Potassium | 39-2 | 51958 | 50641 | 50992 | 51197 | 1.33 | cps |
| Rhodium | 103-1 | 11982059 | 11878439 | 11786064 | 11882187 | 0.83 | cps |
| Rhodium | 103-2 | 7106901 | 6994753 | 7175413 | 7092356 | 1.29 | cps |
| Scandium | 45-1 | 6607783 | 6531126 | 6526474 | 6555128 | 0.70 | cps |
| Scandium | 45-2 | 569146 | 570669 | 569654 | 569823 | 0.14 | cps |
| Selenium | 82-1 | 95 | 194 | 105 | 131 | 41.32 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 457 | 427 | 367 | 417 | 11.00 | cps |
| Silicon | 28-1 | 568861 | 573060 | 579058 | 573660 | 0.89 | cps |
| Silver | 107-1 | 143 | 173 | 117 | 144 | 19.63 | cps |
| Silver | 109-1 | 107 | 123 | 113 | 114 | 7.33 | cps |
| Sodium | 23-2 | 34612 | 34198 | 34522 | 34444 | 0.63 | cps |
| Strontium | 86-1 | 553 | 537 | 543 | 544 | 1.54 | cps |
| Strontium | 88-1 | 1840 | 1893 | 1870 | 1868 | 1.43 | cps |
| Sulfur | 34-1 | 152667 | 153953 | 153347 | 153322 | 0.42 | cps |
| Terbium | 159-1 | 16687964 | 16438287 | 16466546 | 16530932 | 0.83 | cps |
| Terbium | 159-2 | 11396043 | 11332107 | 11356517 | 11361556 | 0.28 | cps |
| Thallium | 203-1 | 370 | 427 | 380 | 392 | 7.71 | cps |
| Thallium | 205-1 | 763 | 743 | 683 | 730 | 5.70 | cps |
| Tin | 118-1 | 2227 | 2264 | 2107 | 2199 | 3.73 | cps |
| Titanium | 47-1 | 127 | 107 | 73 | 102 | 26.36 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13 | 30 | 30 | 24 | 39.37 | cps |
| Vanadium | 51-2 | 30 | 77 | 23 | 43 | 67.07 | cps |
| Yttrium | 89-1 | 19439939 | 19356962 | 18997242 | 19264714 | 1.22 | cps |
| Yttrium | 89-2 | 5216216 | 5219623 | 5232078 | 5222639 | 0.16 | cps |
| Zinc | 66-2 | 937 | 983 | 883 | 934 | 5.36 | cps |
| Zirconium | 90-1 | 757 | 723 | 713 | 731 | 3.10 | cps |
| Zirconium | 91-1 | 170 | 147 | 157 | 158 | 7.42 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLE3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:04:01 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1713 | 1880 | 1960 | 1851 | 6.80 | cps |
| Antimony | 121-1 | 2160 | 1997 | 1977 | 2045 | 4.92 | cps |
| Arsenic | 75-2 | 160 | 100 | 117 | 126 | 24.67 | cps |
| Barium | 135-1 | 1067 | 1070 | 1187 | 1108 | 6.17 | cps |
| Barium | 137-1 | 1873 | 1977 | 2050 | 1967 | 4.51 | cps |
| Beryllium | 9-1 | 47 | 47 | 37 | 43 | 13.32 | cps |
| Bismuth | 209-1 | 9737727 | 9715541 | 9652085 | 9701784 | 0.46 | cps |
| Bismuth | 209-2 | 8185901 | 8162487 | 8234392 | 8194260 | 0.45 | cps |
| Bromine | 81-1 | 170274 | 209833 | 232113 | 204073 | 15.35 | cps |
| Bromine | 81-2 | 48011 | 49412 | 50282 | 49235 | 2.33 | cps |
| Cadmium | 108-1 | 20 | 27 | 13 | 20 | 33.35 | cps |
| Cadmium | 106-1 | 4357 | 4554 | 4341 | 4417 | 2.69 | cps |
| Cadmium | 111-1 | 906 | 924 | 894 | 908 | 1.63 | cps |
| Calcium | 43-1 | 104993 | 107218 | 107031 | 106414 | 1.16 | cps |
| Calcium | 44-1 | 1656963 | 1701238 | 1675407 | 1677869 | 1.33 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2384 | 2427 | 2254 | 2355 | 3.83 | cps |
| Cobalt | 59-2 | 463 | 423 | 400 | 429 | 7.47 | cps |
| Copper | 63-2 | 3831 | 3854 | 3844 | 3843 | 0.30 | cps |
| Dysprosium | 156-1 | 50 | 37 | 40 | 42 | 16.43 | cps |
| Dysprosium | 156-2 | 53 | 43 | 27 | 41 | 32.76 | cps |
| Erbium | 164-1 | 93 | 83 | 83 | 87 | 6.66 | cps |
| Erbium | 164-2 | 63 | 47 | 97 | 69 | 36.96 | cps |
| Gadolinium | 160-1 | 93 | 70 | 87 | 83 | 14.42 | cps |
| Gadolinium | 160-2 | 690 | 630 | 623 | 648 | 5.67 | cps |
| Holmium | 165-1 | 16077372 | 15937411 | 16230753 | 16081845 | 0.91 | cps |
| Holmium | 165-2 | 11609539 | 11402991 | 11639067 | 11550532 | 1.11 | cps |
| Indium | 115-1 | 12637681 | 12509218 | 12418313 | 12521737 | 0.88 | cps |
| Indium | 115-2 | 4677292 | 4754032 | 4785111 | 4738812 | 1.17 | cps |
| Iron | 56-2 | 100305 | 100019 | 99909 | 100078 | 0.20 | cps |
| Iron | 57-2 | 4507 | 4741 | 4731 | 4660 | 2.83 | cps |
| Iron | 54-2 | 6772 | 6511 | 6785 | 6689 | 2.30 | cps |
| Krypton | 83-1 | 107 | 170 | 213 | 163 | 32.84 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLE3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:04:01 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3594 | 3604 | 3521 | 3573 | 1.27 | cps |
| Lead | 207-1 | 2940 | 3014 | 3097 | 3017 | 2.60 | cps |
| Lead | 208-1 | 13893 | 13946 | 14036 | 13959 | 0.52 | cps |
| Lithium | 6-1 | 1826726 | 1870032 | 1903814 | 1866857 | 2.07 | cps |
| Magnesium | 24-2 | 4431135 | 4418148 | 4440634 | 4429972 | 0.25 | cps |
| Manganese | 55-2 | 3801 | 3867 | 3864 | 3844 | 0.98 | cps |
| Molybdenum | 94-1 | 697 | 763 | 723 | 728 | 4.61 | cps |
| Molybdenum | 95-1 | 773 | 927 | 973 | 891 | 11.74 | cps |
| Molybdenum | 96-1 | 1093 | 1103 | 933 | 1043 | 9.14 | cps |
| Molybdenum | 97-1 | 490 | 603 | 530 | 541 | 10.62 | cps |
| Molybdenum | 98-1 | 1560 | 1553 | 1470 | 1528 | 3.28 | cps |
| Neodymium | 150-1 | 33 | 70 | 23 | 42 | 58.20 | cps |
| Neodymium | 150-2 | 20 | 20 | 30 | 23 | 24.74 | cps |
| Nickel | 60-2 | 1913 | 1917 | 1847 | 1892 | 2.09 | cps |
| Phosphorus | 31-2 | 220 | 187 | 153 | 187 | 17.86 | cps |
| Potassium | 39-2 | 1884802 | 1875732 | 1901444 | 1887326 | 0.69 | cps |
| Rhodium | 103-1 | 11373897 | 11297260 | 11445480 | 11372212 | 0.65 | cps |
| Rhodium | 103-2 | 6881570 | 6884325 | 6910186 | 6892027 | 0.23 | cps |
| Scandium | 45-1 | 6437064 | 6525044 | 6515248 | 6492452 | 0.74 | cps |
| Scandium | 45-2 | 570957 | 568176 | 570453 | 569862 | 0.26 | cps |
| Selenium | 82-1 | 293 | 191 | 162 | 215 | 32.08 | cps |
| Selenium | 77-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Selenium | 78-2 | 460 | 423 | 403 | 429 | 6.70 | cps |
| Silicon | 28-1 | 631187 | 653481 | 665799 | 650156 | 2.70 | cps |
| Silver | 107-1 | 203 | 193 | 210 | 202 | 4.15 | cps |
| Silver | 109-1 | 113 | 133 | 100 | 116 | 14.52 | cps |
| Sodium | 23-2 | 61528714 | 61036079 | 61122919 | 61229237 | 0.43 | cps |
| Strontium | 86-1 | 237317 | 240347 | 238634 | 238766 | 0.64 | cps |
| Strontium | 88-1 | 2167348 | 2155558 | 2197994 | 2173634 | 1.01 | cps |
| Sulfur | 34-1 | 470951 | 478131 | 478892 | 475991 | 0.92 | cps |
| Terbium | 159-1 | 16333229 | 16119941 | 16464387 | 16305853 | 1.07 | cps |
| Terbium | 159-2 | 11428508 | 11349494 | 11300130 | 11359377 | 0.57 | cps |
| Thallium | 203-1 | 297 | 300 | 240 | 279 | 12.09 | cps |
| Thallium | 205-1 | 613 | 773 | 703 | 697 | 11.51 | cps |
| Tin | 118-1 | 2224 | 2230 | 2150 | 2201 | 2.02 | cps |
| Titanium | 47-1 | 427 | 457 | 463 | 449 | 4.35 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLE3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:04:01 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 993 | 960 | 1077 | 1010 | 5.95 | cps |
| Vanadium | 51-2 | 247 | 290 | 203 | 247 | 17.57 | cps |
| Yttrium | 89-1 | 18961834 | 18755793 | 19191333 | 18969653 | 1.15 | cps |
| Yttrium | 89-2 | 5170212 | 5135228 | 5194502 | 5166647 | 0.58 | cps |
| Zinc | 66-2 | 1640 | 1653 | 1560 | 1618 | 3.12 | cps |
| Zirconium | 90-1 | 707 | 717 | 783 | 736 | 5.67 | cps |
| Zirconium | 91-1 | 110 | 167 | 207 | 161 | 30.15 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLF9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:07:17 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2394 | 2547 | 2364 | 2435 | 4.04 | cps |
| Antimony | 121-1 | 1273 | 1423 | 1373 | 1357 | 5.63 | cps |
| Arsenic | 75-2 | 80 | 80 | 63 | 74 | 12.93 | cps |
| Barium | 135-1 | 543 | 577 | 503 | 541 | 6.79 | cps |
| Barium | 137-1 | 1007 | 923 | 1023 | 984 | 5.44 | cps |
| Beryllium | 9-1 | 53 | 70 | 57 | 60 | 14.70 | cps |
| Bismuth | 209-1 | 9775272 | 9600159 | 9673688 | 9683040 | 0.91 | cps |
| Bismuth | 209-2 | 8140197 | 8349004 | 8127294 | 8205498 | 1.52 | cps |
| Bromine | 81-1 | 205362 | 247015 | 273914 | 242097 | 14.27 | cps |
| Bromine | 81-2 | 56052 | 57615 | 58080 | 57249 | 1.86 | cps |
| Cadmium | 108-1 | 10 | 10 | 23 | 14 | 53.28 | cps |
| Cadmium | 106-1 | 4794 | 4417 | 4401 | 4537 | 4.90 | cps |
| Cadmium | 111-1 | 983 | 901 | 905 | 930 | 4.98 | cps |
| Calcium | 43-1 | 109820 | 109216 | 111177 | 110071 | 0.91 | cps |
| Calcium | 44-1 | 1721297 | 1730426 | 1737615 | 1729780 | 0.47 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2494 | 2774 | 2777 | 2681 | 6.07 | cps |
| Cobalt | 59-2 | 403 | 413 | 290 | 369 | 18.57 | cps |
| Copper | 63-2 | 1720 | 1707 | 1897 | 1775 | 5.98 | cps |
| Dysprosium | 156-1 | 33 | 40 | 10 | 28 | 56.71 | cps |
| Dysprosium | 156-2 | 10 | 17 | 17 | 14 | 26.66 | cps |
| Erbium | 164-1 | 110 | 130 | 113 | 118 | 9.10 | cps |
| Erbium | 164-2 | 57 | 67 | 43 | 56 | 21.08 | cps |
| Gadolinium | 160-1 | 70 | 70 | 83 | 74 | 10.34 | cps |
| Gadolinium | 160-2 | 647 | 617 | 670 | 644 | 4.15 | cps |
| Holmium | 165-1 | 16232316 | 16315316 | 15977081 | 16174904 | 1.09 | cps |
| Holmium | 165-2 | 11477146 | 11684628 | 11520590 | 11560788 | 0.95 | cps |
| Indium | 115-1 | 12738107 | 12597170 | 12518519 | 12617932 | 0.88 | cps |
| Indium | 115-2 | 4782965 | 4761532 | 4804939 | 4783145 | 0.45 | cps |
| Iron | 56-2 | 48374 | 48702 | 48645 | 48574 | 0.36 | cps |
| Iron | 57-2 | 3634 | 3814 | 3544 | 3664 | 3.75 | cps |
| Iron | 54-2 | 3801 | 3874 | 3921 | 3865 | 1.57 | cps |
| Krypton | 83-1 | 197 | 183 | 180 | 187 | 4.72 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLF9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:07:17 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1223 | 1197 | 1260 | 1227 | 2.59 | cps |
| Lead | 207-1 | 1167 | 1010 | 957 | 1044 | 10.45 | cps |
| Lead | 208-1 | 4920 | 4750 | 4860 | 4844 | 1.78 | cps |
| Lithium | 6-1 | 1909106 | 1874811 | 1908742 | 1897553 | 1.04 | cps |
| Magnesium | 24-2 | 4619914 | 4554563 | 4536735 | 4570404 | 0.96 | cps |
| Manganese | 55-2 | 10674 | 10921 | 10127 | 10574 | 3.84 | cps |
| Molybdenum | 94-1 | 743 | 807 | 830 | 793 | 5.65 | cps |
| Molybdenum | 95-1 | 900 | 887 | 890 | 892 | 0.78 | cps |
| Molybdenum | 96-1 | 1113 | 1120 | 1070 | 1101 | 2.47 | cps |
| Molybdenum | 97-1 | 577 | 573 | 603 | 584 | 2.81 | cps |
| Molybdenum | 98-1 | 1507 | 1637 | 1453 | 1532 | 6.16 | cps |
| Neodymium | 150-1 | 43 | 27 | 30 | 33 | 26.45 | cps |
| Neodymium | 150-2 | 13 | 3 | 33 | 17 | 91.67 | cps |
| Nickel | 60-2 | 1547 | 1653 | 1607 | 1602 | 3.34 | cps |
| Phosphorus | 31-2 | 213 | 220 | 177 | 203 | 11.47 | cps |
| Potassium | 39-2 | 1924524 | 1904643 | 1916587 | 1915251 | 0.52 | cps |
| Rhodium | 103-1 | 11573629 | 11558137 | 11524170 | 11551979 | 0.22 | cps |
| Rhodium | 103-2 | 6923362 | 6980015 | 6893395 | 6932258 | 0.63 | cps |
| Scandium | 45-1 | 6604056 | 6589621 | 6630360 | 6608012 | 0.31 | cps |
| Scandium | 45-2 | 578956 | 580284 | 579479 | 579573 | 0.12 | cps |
| Selenium | 82-1 | 216 | 264 | 245 | 241 | 9.99 | cps |
| Selenium | 77-2 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Selenium | 78-2 | 437 | 400 | 410 | 416 | 4.56 | cps |
| Silicon | 28-1 | 649674 | 683530 | 671935 | 668380 | 2.57 | cps |
| Silver | 107-1 | 170 | 137 | 177 | 161 | 13.30 | cps |
| Silver | 109-1 | 103 | 100 | 133 | 112 | 16.36 | cps |
| Sodium | 23-2 | 63719262 | 62689649 | 62659642 | 63022851 | 0.96 | cps |
| Strontium | 86-1 | 245792 | 248354 | 245744 | 246630 | 0.61 | cps |
| Strontium | 88-1 | 2205711 | 2190798 | 2199941 | 2198817 | 0.34 | cps |
| Sulfur | 34-1 | 491419 | 504363 | 501599 | 499127 | 1.37 | cps |
| Terbium | 159-1 | 16532304 | 16203931 | 16196007 | 16310747 | 1.18 | cps |
| Terbium | 159-2 | 11410163 | 11352179 | 11368366 | 11376903 | 0.26 | cps |
| Thallium | 203-1 | 307 | 253 | 267 | 276 | 10.07 | cps |
| Thallium | 205-1 | 690 | 597 | 520 | 602 | 14.14 | cps |
| Tin | 118-1 | 1780 | 1693 | 1737 | 1737 | 2.50 | cps |
| Titanium | 47-1 | 260 | 333 | 297 | 297 | 12.36 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLF9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:07:17 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 977 | 927 | 997 | 967 | 3.73 | cps |
| Vanadium | 51-2 | 203 | 290 | 240 | 244 | 17.80 | cps |
| Yttrium | 89-1 | 19266893 | 18985048 | 18955607 | 19069183 | 0.90 | cps |
| Yttrium | 89-2 | 5259873 | 5242071 | 5205620 | 5235855 | 0.53 | cps |
| Zinc | 66-2 | 697 | 827 | 743 | 756 | 8.72 | cps |
| Zirconium | 90-1 | 687 | 817 | 710 | 738 | 9.39 | cps |
| Zirconium | 91-1 | 113 | 133 | 143 | 130 | 11.75 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:10:36 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1110 | 930 | 1010 | 1017 | 8.87 | cps |
| Antimony | 121-1 | 1097 | 1123 | 1040 | 1087 | 3.92 | cps |
| Arsenic | 75-2 | 40 | 47 | 30 | 39 | 21.57 | cps |
| Barium | 135-1 | 203 | 180 | 157 | 180 | 12.96 | cps |
| Barium | 137-1 | 370 | 337 | 290 | 332 | 12.10 | cps |
| Beryllium | 9-1 | 70 | 40 | 57 | 56 | 27.06 | cps |
| Bismuth | 209-1 | 10513307 | 9902766 | 9884514 | 10100195 | 3.54 | cps |
| Bismuth | 209-2 | 8216307 | 8392897 | 8352896 | 8320700 | 1.11 | cps |
| Bromine | 81-1 | 67597 | 65310 | 63034 | 65314 | 3.49 | cps |
| Bromine | 81-2 | 9170 | 9360 | 9033 | 9187 | 1.79 | cps |
| Cadmium | 108-1 | 17 | 3 | 7 | 9 | 78.08 | cps |
| Cadmium | 106-1 | 4741 | 4751 | 4281 | 4591 | 5.85 | cps |
| Cadmium | 111-1 | 964 | 975 | 863 | 934 | 6.66 | cps |
| Calcium | 43-1 | 17367 | 17740 | 17644 | 17584 | 1.10 | cps |
| Calcium | 44-1 | 287261 | 288092 | 290213 | 288522 | 0.53 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2290 | 2434 | 2440 | 2388 | 3.55 | cps |
| Cobalt | 59-2 | 340 | 357 | 340 | 346 | 2.79 | cps |
| Copper | 63-2 | 1700 | 1527 | 1673 | 1633 | 5.71 | cps |
| Dysprosium | 156-1 | 27 | 20 | 17 | 21 | 24.12 | cps |
| Dysprosium | 156-2 | 23 | 13 | 20 | 19 | 26.96 | cps |
| Erbium | 164-1 | 117 | 90 | 97 | 101 | 13.73 | cps |
| Erbium | 164-2 | 70 | 67 | 43 | 60 | 24.22 | cps |
| Gadolinium | 160-1 | 67 | 67 | 80 | 71 | 10.82 | cps |
| Gadolinium | 160-2 | 567 | 677 | 627 | 623 | 8.84 | cps |
| Holmium | 165-1 | 16774239 | 15922885 | 15860378 | 16185834 | 3.15 | cps |
| Holmium | 165-2 | 11470550 | 11647855 | 11585500 | 11567968 | 0.78 | cps |
| Indium | 115-1 | 13426880 | 12858985 | 12837939 | 13041268 | 2.56 | cps |
| Indium | 115-2 | 4840858 | 4842006 | 4852992 | 4845285 | 0.14 | cps |
| Iron | 56-2 | 39886 | 39772 | 40040 | 39899 | 0.34 | cps |
| Iron | 57-2 | 1617 | 1937 | 1823 | 1792 | 9.05 | cps |
| Iron | 54-2 | 3537 | 3710 | 3480 | 3576 | 3.35 | cps |
| Krypton | 83-1 | 180 | 170 | 203 | 184 | 9.28 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:10:36 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1340 | 1363 | 1397 | 1367 | 2.08 | cps |
| Lead | 207-1 | 1153 | 1020 | 1123 | 1099 | 6.37 | cps |
| Lead | 208-1 | 5170 | 5150 | 5457 | 5259 | 3.26 | cps |
| Lithium | 6-1 | 2006389 | 1939030 | 1954609 | 1966676 | 1.79 | cps |
| Magnesium | 24-2 | 688585 | 685867 | 687268 | 687240 | 0.20 | cps |
| Manganese | 55-2 | 1923 | 2037 | 1957 | 1972 | 2.95 | cps |
| Molybdenum | 94-1 | 430 | 503 | 417 | 450 | 10.37 | cps |
| Molybdenum | 95-1 | 463 | 420 | 407 | 430 | 6.89 | cps |
| Molybdenum | 96-1 | 460 | 500 | 473 | 478 | 4.26 | cps |
| Molybdenum | 97-1 | 227 | 237 | 257 | 240 | 6.36 | cps |
| Molybdenum | 98-1 | 650 | 673 | 680 | 668 | 2.36 | cps |
| Neodymium | 150-1 | 27 | 13 | 10 | 17 | 52.93 | cps |
| Neodymium | 150-2 | 7 | 27 | 7 | 13 | 86.58 | cps |
| Nickel | 60-2 | 1390 | 1490 | 1517 | 1466 | 4.56 | cps |
| Phosphorus | 31-2 | 173 | 187 | 133 | 164 | 16.88 | cps |
| Potassium | 39-2 | 358621 | 357385 | 356943 | 357650 | 0.24 | cps |
| Rhodium | 103-1 | 12377892 | 11833664 | 11676776 | 11962778 | 3.08 | cps |
| Rhodium | 103-2 | 7024035 | 7114024 | 7020333 | 7052798 | 0.75 | cps |
| Scandium | 45-1 | 6924289 | 6621082 | 6531883 | 6692418 | 3.07 | cps |
| Scandium | 45-2 | 577878 | 578287 | 579172 | 578446 | 0.11 | cps |
| Selenium | 82-1 | 206 | 162 | 145 | 171 | 18.57 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 480 | 383 | 377 | 413 | 13.99 | cps |
| Silicon | 28-1 | 578574 | 581083 | 583512 | 581056 | 0.42 | cps |
| Silver | 107-1 | 93 | 137 | 107 | 112 | 19.78 | cps |
| Silver | 109-1 | 93 | 67 | 97 | 86 | 19.22 | cps |
| Sodium | 23-2 | 10063128 | 10066412 | 10033079 | 10054206 | 0.18 | cps |
| Strontium | 86-1 | 39045 | 39760 | 38874 | 39227 | 1.20 | cps |
| Strontium | 88-1 | 335388 | 339727 | 337078 | 337398 | 0.65 | cps |
| Sulfur | 34-1 | 228144 | 228743 | 228905 | 228597 | 0.18 | cps |
| Terbium | 159-1 | 17015304 | 16545597 | 16477944 | 16679615 | 1.75 | cps |
| Terbium | 159-2 | 11407253 | 11326192 | 11415252 | 11382899 | 0.43 | cps |
| Thallium | 203-1 | 283 | 337 | 233 | 284 | 18.17 | cps |
| Thallium | 205-1 | 720 | 683 | 583 | 662 | 10.68 | cps |
| Tin | 118-1 | 1833 | 1693 | 1637 | 1721 | 5.88 | cps |
| Titanium | 47-1 | 307 | 287 | 260 | 284 | 8.23 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:10:36 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 220 | 193 | 230 | 214 | 8.84 | cps |
| Vanadium | 51-2 | 210 | 170 | 140 | 173 | 20.26 | cps |
| Yttrium | 89-1 | 20160503 | 19170157 | 19183753 | 19504805 | 2.91 | cps |
| Yttrium | 89-2 | 5254950 | 5345719 | 5189627 | 5263432 | 1.49 | cps |
| Zinc | 66-2 | 593 | 650 | 563 | 602 | 7.31 | cps |
| Zirconium | 90-1 | 753 | 763 | 643 | 720 | 9.25 | cps |
| Zirconium | 91-1 | 140 | 93 | 133 | 122 | 20.65 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:13:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1613 | 1690 | 1720 | 1675 | 3.29 | cps |
| Antimony | 121-1 | 290 | 230 | 310 | 277 | 15.05 | cps |
| Arsenic | 75-2 | 3 | 10 | 20 | 11 | 75.52 | cps |
| Barium | 135-1 | 193 | 113 | 140 | 149 | 27.36 | cps |
| Barium | 137-1 | 257 | 260 | 273 | 263 | 3.35 | cps |
| Beryllium | 9-1 | 67 | 50 | 50 | 56 | 17.32 | cps |
| Bismuth | 209-1 | 10077254 | 9969552 | 9962725 | 10003177 | 0.64 | cps |
| Bismuth | 209-2 | 8294311 | 8388276 | 8361824 | 8348137 | 0.58 | cps |
| Bromine | 81-1 | 25208 | 24587 | 22778 | 24191 | 5.22 | cps |
| Bromine | 81-2 | 1787 | 1847 | 1663 | 1766 | 5.29 | cps |
| Cadmium | 108-1 | 13 | 13 | 3 | 10 | 57.75 | cps |
| Cadmium | 106-1 | 4721 | 4577 | 4344 | 4547 | 4.18 | cps |
| Cadmium | 111-1 | 988 | 933 | 883 | 935 | 5.62 | cps |
| Calcium | 43-1 | 1023 | 967 | 933 | 974 | 4.67 | cps |
| Calcium | 44-1 | 18895 | 19079 | 19179 | 19051 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2334 | 2424 | 2447 | 2401 | 2.49 | cps |
| Cobalt | 59-2 | 137 | 103 | 147 | 129 | 17.61 | cps |
| Copper | 63-2 | 1607 | 1523 | 1670 | 1600 | 4.60 | cps |
| Dysprosium | 156-1 | 27 | 7 | 30 | 21 | 59.77 | cps |
| Dysprosium | 156-2 | 7 | 20 | 17 | 14 | 48.02 | cps |
| Erbium | 164-1 | 90 | 87 | 113 | 97 | 15.03 | cps |
| Erbium | 164-2 | 57 | 70 | 63 | 63 | 10.52 | cps |
| Gadolinium | 160-1 | 63 | 50 | 43 | 52 | 19.50 | cps |
| Gadolinium | 160-2 | 557 | 633 | 597 | 596 | 6.44 | cps |
| Holmium | 165-1 | 16206828 | 15910285 | 15966482 | 16027865 | 0.98 | cps |
| Holmium | 165-2 | 11454061 | 11448990 | 11467348 | 11456799 | 0.08 | cps |
| Indium | 115-1 | 12895069 | 12860936 | 12745528 | 12833845 | 0.61 | cps |
| Indium | 115-2 | 4832224 | 4783307 | 4839561 | 4818364 | 0.63 | cps |
| Iron | 56-2 | 31105 | 31757 | 31520 | 31461 | 1.05 | cps |
| Iron | 57-2 | 1317 | 1493 | 1263 | 1358 | 8.87 | cps |
| Iron | 54-2 | 2964 | 3080 | 2950 | 2998 | 2.39 | cps |
| Krypton | 83-1 | 200 | 127 | 153 | 160 | 23.20 | cps |



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Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:13:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1190 | 1077 | 1113 | 1127 | 5.13 | cps |
| Lead | 207-1 | 1000 | 967 | 927 | 964 | 3.81 | cps |
| Lead | 208-1 | 4714 | 4504 | 4437 | 4551 | 3.17 | cps |
| Lithium | 6-1 | 1976647 | 1947880 | 1944334 | 1956287 | 0.91 | cps |
| Magnesium | 24-2 | 6892 | 7135 | 7082 | 7036 | 1.82 | cps |
| Manganese | 55-2 | 3710 | 3764 | 3754 | 3743 | 0.76 | cps |
| Molybdenum | 94-1 | 363 | 377 | 403 | 381 | 5.34 | cps |
| Molybdenum | 95-1 | 287 | 277 | 243 | 269 | 8.44 | cps |
| Molybdenum | 96-1 | 307 | 343 | 367 | 339 | 8.93 | cps |
| Molybdenum | 97-1 | 153 | 167 | 153 | 158 | 4.88 | cps |
| Molybdenum | 98-1 | 453 | 433 | 420 | 436 | 3.85 | cps |
| Neodymium | 150-1 | 13 | 10 | 23 | 16 | 44.60 | cps |
| Neodymium | 150-2 | 7 | 17 | 13 | 12 | 41.65 | cps |
| Nickel | 60-2 | 820 | 753 | 897 | 823 | 8.71 | cps |
| Phosphorus | 31-2 | 133 | 197 | 177 | 169 | 19.17 | cps |
| Potassium | 39-2 | 62742 | 62538 | 63117 | 62799 | 0.47 | cps |
| Rhodium | 103-1 | 11899247 | 11752448 | 11812768 | 11821487 | 0.62 | cps |
| Rhodium | 103-2 | 7058862 | 7055862 | 7030931 | 7048552 | 0.22 | cps |
| Scandium | 45-1 | 6640239 | 6623577 | 6651745 | 6638520 | 0.21 | cps |
| Scandium | 45-2 | 576199 | 571512 | 577315 | 575009 | 0.54 | cps |
| Selenium | 82-1 | 228 | 213 | 147 | 196 | 22.15 | cps |
| Selenium | 77-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Selenium | 78-2 | 447 | 363 | 467 | 426 | 12.88 | cps |
| Silicon | 28-1 | 562281 | 568853 | 572752 | 567962 | 0.93 | cps |
| Silver | 107-1 | 137 | 130 | 127 | 131 | 3.88 | cps |
| Silver | 109-1 | 87 | 70 | 57 | 71 | 21.14 | cps |
| Sodium | 23-2 | 84922 | 84755 | 85247 | 84975 | 0.29 | cps |
| Strontium | 86-1 | 613 | 670 | 563 | 616 | 8.67 | cps |
| Strontium | 88-1 | 3050 | 3114 | 3130 | 3098 | 1.36 | cps |
| Sulfur | 34-1 | 180384 | 179204 | 179899 | 179829 | 0.33 | cps |
| Terbium | 159-1 | 16680867 | 16265181 | 16167279 | 16371109 | 1.67 | cps |
| Terbium | 159-2 | 11300618 | 11326924 | 11464767 | 11364103 | 0.78 | cps |
| Thallium | 203-1 | 277 | 217 | 267 | 253 | 12.69 | cps |
| Thallium | 205-1 | 727 | 540 | 587 | 618 | 15.72 | cps |
| Tin | 118-1 | 2077 | 1720 | 1857 | 1885 | 9.55 | cps |
| Titanium | 47-1 | 160 | 137 | 117 | 138 | 15.74 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:13:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13 | 10 | 30 | 18 | 60.28 | cps |
| Vanadium | 51-2 | 43 | 47 | 50 | 47 | 7.15 | cps |
| Yttrium | 89-1 | 19220661 | 19176678 | 19001024 | 19132788 | 0.61 | cps |
| Yttrium | 89-2 | 5291271 | 5299601 | 5251624 | 5280832 | 0.49 | cps |
| Zinc | 66-2 | 860 | 860 | 917 | 879 | 3.72 | cps |
| Zirconium | 90-1 | 813 | 717 | 767 | 766 | 6.31 | cps |
| Zirconium | 91-1 | 77 | 120 | 100 | 99 | 21.93 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:17:17 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3137206 | 3137138 | 3138881 | 3137742 | 0.03 | cps |
| Antimony | 121-1 | 4097725 | 4183614 | 4148931 | 4143423 | 1.04 | cps |
| Arsenic | 75-2 | 508854 | 510252 | 511544 | 510217 | 0.26 | cps |
| Barium | 135-1 | 825240 | 836893 | 842232 | 834788 | 1.04 | cps |
| Barium | 137-1 | 1425563 | 1455840 | 1460494 | 1447299 | 1.31 | cps |
| Beryllium | 9-1 | 527 | 587 | 530 | 548 | 6.16 | cps |
| Bismuth | 209-1 | 10943241 | 10492016 | 10208411 | 10547889 | 3.51 | cps |
| Bismuth | 209-2 | 8563305 | 8666096 | 8573982 | 8601128 | 0.66 | cps |
| Bromine | 81-1 | 46944 | 46346 | 44069 | 45786 | 3.31 | cps |
| Bromine | 81-2 | 5731 | 5861 | 5558 | 5717 | 2.66 | cps |
| Cadmium | 108-1 | 693 | 740 | 723 | 719 | 3.29 | cps |
| Cadmium | 106-1 | 6065 | 5735 | 5828 | 5876 | 2.90 | cps |
| Cadmium | 111-1 | 6455 | 6622 | 6853 | 6643 | 3.01 | cps |
| Calcium | 43-1 | 314163 | 321458 | 323793 | 319805 | 1.57 | cps |
| Calcium | 44-1 | 4886938 | 5044684 | 5075645 | 5002422 | 2.02 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 153633 | 154893 | 153902 | 154143 | 0.43 | cps |
| Cobalt | 59-2 | 410773 | 413375 | 417662 | 413937 | 0.84 | cps |
| Copper | 63-2 | 1602758 | 1638717 | 1613733 | 1618403 | 1.14 | cps |
| Dysprosium | 156-1 | 24615 | 24655 | 24485 | 24585 | 0.36 | cps |
| Dysprosium | 156-2 | 20228 | 20725 | 20298 | 20417 | 1.32 | cps |
| Erbium | 164-1 | 23273 | 25126 | 24792 | 24397 | 4.05 | cps |
| Erbium | 164-2 | 17828 | 17902 | 17992 | 17907 | 0.46 | cps |
| Gadolinium | 160-1 | 25530 | 25777 | 25046 | 25451 | 1.46 | cps |
| Gadolinium | 160-2 | 19594 | 19570 | 19908 | 19691 | 0.96 | cps |
| Holmium | 165-1 | 17767745 | 16775764 | 16532367 | 17025292 | 3.84 | cps |
| Holmium | 165-2 | 11994154 | 12004771 | 12060989 | 12019971 | 0.30 | cps |
| Indium | 115-1 | 14400477 | 13514903 | 13585964 | 13833782 | 3.56 | cps |
| Indium | 115-2 | 5121456 | 5065382 | 5132768 | 5106535 | 0.71 | cps |
| Iron | 56-2 | 225104450 | 228716097 | 226774997 | 226865181 | 0.80 | cps |
| Iron | 57-2 | 5563359 | 5610603 | 5629326 | 5601096 | 0.61 | cps |
| Iron | 54-2 | 12387687 | 12390030 | 12403265 | 12393661 | 0.07 | cps |
| Krypton | 83-1 | 253 | 220 | 243 | 239 | 7.16 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:17:17 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7610677 | 7902517 | 7674556 | 7729250 | 1.98 | cps |
| Lead | 207-1 | 6713809 | 6830041 | 6740821 | 6761557 | 0.90 | cps |
| Lead | 208-1 | 30451107 | 31141348 | 30767975 | 30786810 | 1.12 | cps |
| Lithium | 6-1 | 2128808 | 2030560 | 2021796 | 2060388 | 2.88 | cps |
| Magnesium | 24-2 | 3473235 | 3482643 | 3464529 | 3473469 | 0.26 | cps |
| Manganese | 55-2 | 7261514 | 7346916 | 7310855 | 7306429 | 0.59 | cps |
| Molybdenum | 94-1 | 65834 | 67682 | 68610 | 67375 | 2.10 | cps |
| Molybdenum | 95-1 | 71430 | 72056 | 73992 | 72493 | 1.84 | cps |
| Molybdenum | 96-1 | 84097 | 84754 | 86996 | 85282 | 1.78 | cps |
| Molybdenum | 97-1 | 44942 | 46444 | 46009 | 45798 | 1.69 | cps |
| Molybdenum | 98-1 | 116261 | 118167 | 119104 | 117844 | 1.23 | cps |
| Neodymium | 150-1 | 34987 | 36140 | 36059 | 35729 | 1.80 | cps |
| Neodymium | 150-2 | 22441 | 22027 | 22007 | 22159 | 1.11 | cps |
| Nickel | 60-2 | 93063 | 94763 | 93425 | 93750 | 0.96 | cps |
| Phosphorus | 31-2 | 14007 | 14157 | 14360 | 14174 | 1.25 | cps |
| Potassium | 39-2 | 1649839 | 1649279 | 1645209 | 1648109 | 0.15 | cps |
| Rhodium | 103-1 | 12783971 | 12169352 | 11989341 | 12314221 | 3.38 | cps |
| Rhodium | 103-2 | 7295492 | 7373918 | 7445080 | 7371497 | 1.02 | cps |
| Scandium | 45-1 | 7392006 | 7032239 | 6946389 | 7123545 | 3.32 | cps |
| Scandium | 45-2 | 616570 | 623537 | 617877 | 619328 | 0.60 | cps |
| Selenium | 82-1 | 332 | 319 | 307 | 319 | 3.85 | cps |
| Selenium | 77-2 | 87 | 67 | 93 | 82 | 16.87 | cps |
| Selenium | 78-2 | 533 | 607 | 467 | 536 | 13.08 | cps |
| Silicon | 28-1 | 20642802 | 21279059 | 21303776 | 21075212 | 1.78 | cps |
| Silver | 107-1 | 15415 | 15358 | 15425 | 15399 | 0.23 | cps |
| Silver | 109-1 | 14881 | 14514 | 14824 | 14740 | 1.34 | cps |
| Sodium | 23-2 | 5337028 | 5381899 | 5314183 | 5344370 | 0.64 | cps |
| Strontium | 86-1 | 371289 | 379717 | 381926 | 377644 | 1.49 | cps |
| Strontium | 88-1 | 3312962 | 3393549 | 3420976 | 3375829 | 1.66 | cps |
| Sulfur | 34-1 | 231532 | 232941 | 233131 | 232535 | 0.38 | cps |
| Terbium | 159-1 | 18116106 | 17139420 | 17037649 | 17431058 | 3.42 | cps |
| Terbium | 159-2 | 11865693 | 11918475 | 11935600 | 11906589 | 0.31 | cps |
| Thallium | 203-1 | 4708 | 4884 | 5098 | 4896 | 3.99 | cps |
| Thallium | 205-1 | 11545 | 11612 | 12055 | 11737 | 2.36 | cps |
| Tin | 118-1 | 548814 | 560883 | 560932 | 556876 | 1.25 | cps |
| Titanium | 47-1 | 552126 | 565316 | 570240 | 562560 | 1.66 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:17:17 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 34508 | 33632 | 34505 | 34215 | 1.47 | cps |
| Vanadium | 51-2 | 193166 | 193112 | 193490 | 193256 | 0.11 | cps |
| Yttrium | 89-1 | 21272024 | 20139099 | 20304271 | 20571798 | 2.98 | cps |
| Yttrium | 89-2 | 5604693 | 5648724 | 5735582 | 5663000 | 1.18 | cps |
| Zinc | 66-2 | 3470167 | 3464421 | 3501048 | 3478546 | 0.57 | cps |
| Zirconium | 90-1 | 69517 | 71292 | 71808 | 70872 | 1.70 | cps |
| Zirconium | 91-1 | 16456 | 16266 | 16463 | 16395 | 0.68 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1547096 | 1535893 | 1524347 | 1535779 | 0.74 | cps |
| Antimony | 121-1 | 563634 | 563218 | 562884 | 563245 | 0.07 | cps |
| Arsenic | 75-2 | 116244 | 115051 | 115827 | 115708 | 0.52 | cps |
| Barium | 135-1 | 268398 | 272788 | 266817 | 269334 | 1.15 | cps |
| Barium | 137-1 | 473348 | 472279 | 467820 | 471149 | 0.62 | cps |
| Beryllium | 9-1 | 323 | 380 | 420 | 374 | 12.97 | cps |
| Bismuth | 209-1 | 10308163 | 10434138 | 10257319 | 10333206 | 0.88 | cps |
| Bismuth | 209-2 | 8429339 | 8466967 | 8485739 | 8460681 | 0.34 | cps |
| Bromine | 81-1 | 50827 | 52436 | 54243 | 52502 | 3.25 | cps |
| Bromine | 81-2 | 8172 | 8092 | 8372 | 8212 | 1.76 | cps |
| Cadmium | 108-1 | 383 | 407 | 377 | 389 | 4.05 | cps |
| Cadmium | 106-1 | 5404 | 5154 | 5048 | 5202 | 3.52 | cps |
| Cadmium | 111-1 | 5100 | 5126 | 4895 | 5040 | 2.51 | cps |
| Calcium | 43-1 | 2183001 | 2186986 | 2168925 | 2179637 | 0.44 | cps |
| Calcium | 44-1 | 34857039 | 34724936 | 34957108 | 34846361 | 0.33 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 86422 | 86801 | 85715 | 86313 | 0.64 | cps |
| Cobalt | 59-2 | 218080 | 219172 | 218947 | 218733 | 0.26 | cps |
| Copper | 63-2 | 1915286 | 1924403 | 1914526 | 1918072 | 0.29 | cps |
| Dysprosium | 156-1 | 21637 | 22555 | 22087 | 22093 | 2.08 | cps |
| Dysprosium | 156-2 | 18662 | 18509 | 18486 | 18552 | 0.52 | cps |
| Erbium | 164-1 | 20125 | 20024 | 19934 | 20028 | 0.48 | cps |
| Erbium | 164-2 | 14244 | 14354 | 14241 | 14280 | 0.45 | cps |
| Gadolinium | 160-1 | 22391 | 22325 | 22375 | 22363 | 0.16 | cps |
| Gadolinium | 160-2 | 16874 | 16747 | 17127 | 16916 | 1.15 | cps |
| Holmium | 165-1 | 16754509 | 16425786 | 16690743 | 16623679 | 1.05 | cps |
| Holmium | 165-2 | 11832346 | 11799959 | 11653098 | 11761801 | 0.81 | cps |
| Indium | 115-1 | 13305526 | 13243737 | 13346309 | 13298524 | 0.39 | cps |
| Indium | 115-2 | 4885742 | 4787560 | 4844628 | 4839310 | 1.02 | cps |
| Iron | 56-2 | 103625728 | 102723898 | 103039942 | 103129856 | 0.44 | cps |
| Iron | 57-2 | 2646372 | 2607255 | 2587965 | 2613864 | 1.14 | cps |
| Iron | 54-2 | 5661427 | 5586761 | 5612152 | 5620113 | 0.68 | cps |
| Krypton | 83-1 | 213 | 277 | 230 | 240 | 13.68 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3327054 | 3323064 | 3290540 | 3313552 | 0.60 | cps |
| Lead | 207-1 | 2896638 | 2922075 | 2875041 | 2897918 | 0.81 | cps |
| Lead | 208-1 | 13197985 | 13250620 | 13073071 | 13173892 | 0.69 | cps |
| Lithium | 6-1 | 2040321 | 1994293 | 2009175 | 2014596 | 1.17 | cps |
| Magnesium | 24-2 | 1814289 | 1814012 | 1805007 | 1811103 | 0.29 | cps |
| Manganese | 55-2 | 964140 | 959015 | 958281 | 960479 | 0.33 | cps |
| Molybdenum | 94-1 | 23489 | 23462 | 23489 | 23480 | 0.07 | cps |
| Molybdenum | 95-1 | 21466 | 21356 | 21556 | 21459 | 0.47 | cps |
| Molybdenum | 96-1 | 26320 | 26471 | 26541 | 26444 | 0.43 | cps |
| Molybdenum | 97-1 | 13503 | 13747 | 13827 | 13692 | 1.23 | cps |
| Molybdenum | 98-1 | 35694 | 35590 | 35643 | 35642 | 0.15 | cps |
| Neodymium | 150-1 | 36206 | 35688 | 35565 | 35820 | 0.95 | cps |
| Neodymium | 150-2 | 21513 | 21630 | 21486 | 21543 | 0.35 | cps |
| Nickel | 60-2 | 29519 | 29589 | 29275 | 29461 | 0.56 | cps |
| Phosphorus | 31-2 | 10630 | 10584 | 10254 | 10489 | 1.96 | cps |
| Potassium | 39-2 | 975602 | 969821 | 972584 | 972669 | 0.30 | cps |
| Rhodium | 103-1 | 12032642 | 11836313 | 11848068 | 11905674 | 0.92 | cps |
| Rhodium | 103-2 | 7047633 | 7071740 | 7055160 | 7058178 | 0.17 | cps |
| Scandium | 45-1 | 6821090 | 6636778 | 6682393 | 6713421 | 1.43 | cps |
| Scandium | 45-2 | 579998 | 577442 | 579655 | 579032 | 0.24 | cps |
| Selenium | 82-1 | 335 | 244 | 232 | 270 | 20.80 | cps |
| Selenium | 77-2 | 57 | 100 | 23 | 60 | 64.07 | cps |
| Selenium | 78-2 | 373 | 437 | 443 | 418 | 9.25 | cps |
| Silicon | 28-1 | 27202065 | 29436160 | 27719653 | 28119293 | 4.16 | cps |
| Silver | 107-1 | 21152 | 21773 | 20878 | 21268 | 2.16 | cps |
| Silver | 109-1 | 19981 | 20868 | 20338 | 20396 | 2.19 | cps |
| Sodium | 23-2 | 6743327 | 6626831 | 6681214 | 6683791 | 0.87 | cps |
| Strontium | 86-1 | 2354052 | 2358716 | 2395873 | 2369547 | 0.97 | cps |
| Strontium | 88-1 | 20678090 | 20697616 | 20479775 | 20618494 | 0.58 | cps |
| Sulfur | 34-1 | 262525 | 262610 | 263932 | 263022 | 0.30 | cps |
| Terbium | 159-1 | 17168431 | 16846330 | 16864018 | 16959593 | 1.07 | cps |
| Terbium | 159-2 | 11608918 | 11552249 | 11508235 | 11556467 | 0.44 | cps |
| Thallium | 203-1 | 3107 | 3080 | 3157 | 3115 | 1.25 | cps |
| Thallium | 205-1 | 7182 | 7159 | 7232 | 7191 | 0.52 | cps |
| Tin | 118-1 | 331860 | 330040 | 329221 | 330374 | 0.41 | cps |
| Titanium | 47-1 | 389465 | 386456 | 386852 | 387591 | 0.42 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 47381 | 48438 | 47692 | 47837 | 1.14 | cps |
| Vanadium | 51-2 | 95261 | 95026 | 95077 | 95122 | 0.13 | cps |
| Yttrium | 89-1 | 20183897 | 20005032 | 19902916 | 20030615 | 0.71 | cps |
| Yttrium | 89-2 | 5380654 | 5348833 | 5388968 | 5372818 | 0.39 | cps |
| Zinc | 66-2 | 1433442 | 1423402 | 1426427 | 1427757 | 0.36 | cps |
| Zirconium | 90-1 | 30715 | 31544 | 31484 | 31248 | 1.48 | cps |
| Zirconium | 91-1 | 7135 | 7032 | 7148 | 7105 | 0.90 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2051919 | 2007116 | 2096668 | 2051901 | 2.18 | cps |
| Antimony | 121-1 | 1347090 | 1386673 | 1383995 | 1372586 | 1.61 | cps |
| Arsenic | 75-2 | 627954 | 626524 | 637575 | 630684 | 0.95 | cps |
| Barium | 135-1 | 201089 | 209794 | 204434 | 205106 | 2.14 | cps |
| Barium | 137-1 | 351135 | 360955 | 360806 | 357632 | 1.57 | cps |
| Beryllium | 9-1 | 773 | 753 | 907 | 811 | 10.28 | cps |
| Bismuth | 209-1 | 11203017 | 10562652 | 10354657 | 10706775 | 4.13 | cps |
| Bismuth | 209-2 | 8619310 | 8620954 | 8681726 | 8640663 | 0.41 | cps |
| Bromine | 81-1 | 35386 | 34707 | 35787 | 35293 | 1.55 | cps |
| Bromine | 81-2 | 4187 | 4514 | 4404 | 4368 | 3.81 | cps |
| Cadmium | 108-1 | 787 | 660 | 780 | 742 | 9.60 | cps |
| Cadmium | 106-1 | 5998 | 5848 | 5778 | 5875 | 1.91 | cps |
| Cadmium | 111-1 | 7678 | 8320 | 8113 | 8037 | 4.08 | cps |
| Calcium | 43-1 | 209018 | 218781 | 218476 | 215425 | 2.58 | cps |
| Calcium | 44-1 | 3275852 | 3426574 | 3447471 | 3383299 | 2.77 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 155077 | 156832 | 155701 | 155870 | 0.57 | cps |
| Cobalt | 59-2 | 365530 | 364582 | 365905 | 365339 | 0.19 | cps |
| Copper | 63-2 | 2327411 | 2356561 | 2358495 | 2347489 | 0.74 | cps |
| Dysprosium | 156-1 | 28973 | 28983 | 29371 | 29109 | 0.78 | cps |
| Dysprosium | 156-2 | 23847 | 24475 | 24809 | 24377 | 2.00 | cps |
| Erbium | 164-1 | 28118 | 28355 | 28753 | 28409 | 1.13 | cps |
| Erbium | 164-2 | 20004 | 20592 | 20942 | 20513 | 2.31 | cps |
| Gadolinium | 160-1 | 28850 | 30079 | 29825 | 29585 | 2.19 | cps |
| Gadolinium | 160-2 | 22728 | 22662 | 22812 | 22734 | 0.33 | cps |
| Holmium | 165-1 | 18022561 | 16809658 | 16714057 | 17182092 | 4.25 | cps |
| Holmium | 165-2 | 11955151 | 12109409 | 12072960 | 12045840 | 0.67 | cps |
| Indium | 115-1 | 14820602 | 14134397 | 13790092 | 14248364 | 3.68 | cps |
| Indium | 115-2 | 5161720 | 5214395 | 5259264 | 5211793 | 0.94 | cps |
| Iron | 56-2 | 207863117 | 208624710 | 208738570 | 208408799 | 0.23 | cps |
| Iron | 57-2 | 5136108 | 5140003 | 5168938 | 5148350 | 0.35 | cps |
| Iron | 54-2 | 11290358 | 11366438 | 11355516 | 11337437 | 0.36 | cps |
| Krypton | 83-1 | 293 | 213 | 280 | 262 | 16.34 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8661039 | 8939573 | 8886807 | 8829140 | 1.68 | cps |
| Lead | 207-1 | 7631468 | 7758340 | 7737835 | 7709214 | 0.88 | cps |
| Lead | 208-1 | 34885784 | 35579041 | 35353427 | 35272751 | 1.00 | cps |
| Lithium | 6-1 | 2163960 | 2020789 | 1989933 | 2058227 | 4.51 | cps |
| Magnesium | 24-2 | 2157334 | 2117631 | 2165350 | 2146772 | 1.19 | cps |
| Manganese | 55-2 | 1460784 | 1466579 | 1487048 | 1471470 | 0.94 | cps |
| Molybdenum | 94-1 | 161566 | 170307 | 169471 | 167115 | 2.89 | cps |
| Molybdenum | 95-1 | 274504 | 282978 | 284519 | 280667 | 1.92 | cps |
| Molybdenum | 96-1 | 299157 | 308514 | 309891 | 305854 | 1.91 | cps |
| Molybdenum | 97-1 | 173534 | 177301 | 178918 | 176584 | 1.56 | cps |
| Molybdenum | 98-1 | 443392 | 460392 | 462989 | 455591 | 2.34 | cps |
| Neodymium | 150-1 | 42424 | 43791 | 42848 | 43021 | 1.63 | cps |
| Neodymium | 150-2 | 26355 | 26291 | 25784 | 26143 | 1.20 | cps |
| Nickel | 60-2 | 64149 | 64554 | 64501 | 64402 | 0.34 | cps |
| Phosphorus | 31-2 | 12095 | 12165 | 12325 | 12195 | 0.97 | cps |
| Potassium | 39-2 | 1636618 | 1633159 | 1659321 | 1643033 | 0.86 | cps |
| Rhodium | 103-1 | 12885802 | 12196635 | 12383506 | 12488648 | 2.85 | cps |
| Rhodium | 103-2 | 7433904 | 7455099 | 7359829 | 7416277 | 0.67 | cps |
| Scandium | 45-1 | 7404171 | 7077714 | 7039260 | 7173715 | 2.79 | cps |
| Scandium | 45-2 | 615689 | 612778 | 618354 | 615607 | 0.45 | cps |
| Selenium | 82-1 | 273 | 280 | 187 | 247 | 20.92 | cps |
| Selenium | 77-2 | 90 | 80 | 77 | 82 | 8.44 | cps |
| Selenium | 78-2 | 530 | 493 | 603 | 542 | 10.33 | cps |
| Silicon | 28-1 | 58196882 | 60958884 | 59583654 | 59579807 | 2.32 | cps |
| Silver | 107-1 | 13627 | 13633 | 14247 | 13836 | 2.58 | cps |
| Silver | 109-1 | 12405 | 13143 | 13229 | 12926 | 3.50 | cps |
| Sodium | 23-2 | 7539797 | 7405548 | 7546757 | 7497367 | 1.06 | cps |
| Strontium | 86-1 | 211474 | 220905 | 218530 | 216970 | 2.26 | cps |
| Strontium | 88-1 | 1891836 | 1988457 | 1964130 | 1948141 | 2.58 | cps |
| Sulfur | 34-1 | 216839 | 220951 | 217644 | 218478 | 1.00 | cps |
| Terbium | 159-1 | 18575541 | 17263517 | 17174758 | 17671272 | 4.44 | cps |
| Terbium | 159-2 | 11851347 | 11806058 | 11902496 | 11853300 | 0.41 | cps |
| Thallium | 203-1 | 10381 | 10671 | 10818 | 10623 | 2.09 | cps |
| Thallium | 205-1 | 25581 | 24906 | 25708 | 25398 | 1.70 | cps |
| Tin | 118-1 | 445643 | 465545 | 465274 | 458820 | 2.49 | cps |
| Titanium | 47-1 | 236373 | 244940 | 249055 | 243456 | 2.66 | cps |



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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 54116 | 56172 | 54301 | 54863 | 2.07 | cps |
| Vanadium | 51-2 | 126743 | 125681 | 127230 | 126551 | 0.63 | cps |
| Yttrium | 89-1 | 21718046 | 20662344 | 20574248 | 20984879 | 3.03 | cps |
| Yttrium | 89-2 | 5676275 | 5664766 | 5714748 | 5685263 | 0.46 | cps |
| Zinc | 66-2 | 2651188 | 2661545 | 2702043 | 2671592 | 1.01 | cps |
| Zirconium | 90-1 | 22110 | 23052 | 26607 | 23923 | 9.91 | cps |
| Zirconium | 91-1 | 5524 | 5644 | 6125 | 5765 | 5.51 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:26:30 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1620001 | 1628438 | 1613878 | 1620772 | 0.45 | cps |
| Antimony | 121-1 | 245803 | 246822 | 246109 | 246245 | 0.21 | cps |
| Arsenic | 75-2 | 23632 | 23539 | 23151 | 23441 | 1.09 | cps |
| Barium | 135-1 | 90757 | 90841 | 90599 | 90732 | 0.14 | cps |
| Barium | 137-1 | 157009 | 156467 | 157488 | 156988 | 0.33 | cps |
| Beryllium | 9-1 | 287 | 293 | 237 | 272 | 11.38 | cps |
| Bismuth | 209-1 | 10490309 | 10164976 | 10248848 | 10301378 | 1.64 | cps |
| Bismuth | 209-2 | 8680019 | 8609716 | 8538956 | 8609564 | 0.82 | cps |
| Bromine | 81-1 | 35957 | 36789 | 37247 | 36664 | 1.78 | cps |
| Bromine | 81-2 | 4431 | 4481 | 4791 | 4567 | 4.27 | cps |
| Cadmium | 108-1 | 230 | 257 | 197 | 228 | 13.20 | cps |
| Cadmium | 106-1 | 5168 | 4844 | 5094 | 5035 | 3.37 | cps |
| Cadmium | 111-1 | 2668 | 2696 | 2889 | 2751 | 4.37 | cps |
| Calcium | 43-1 | 482710 | 482330 | 477272 | 480771 | 0.63 | cps |
| Calcium | 44-1 | 7503937 | 7550418 | 7437451 | 7497268 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 88618 | 89674 | 89436 | 89243 | 0.62 | cps |
| Cobalt | 59-2 | 75495 | 75026 | 74229 | 74917 | 0.85 | cps |
| Copper | 63-2 | 820133 | 822080 | 815278 | 819164 | 0.43 | cps |
| Dysprosium | 156-1 | 24164 | 23924 | 23927 | 24005 | 0.57 | cps |
| Dysprosium | 156-2 | 19260 | 19861 | 20422 | 19847 | 2.93 | cps |
| Erbium | 164-1 | 20111 | 20075 | 20038 | 20075 | 0.18 | cps |
| Erbium | 164-2 | 14091 | 14377 | 14014 | 14161 | 1.35 | cps |
| Gadolinium | 160-1 | 23400 | 23677 | 23687 | 23588 | 0.69 | cps |
| Gadolinium | 160-2 | 18229 | 18175 | 17645 | 18016 | 1.79 | cps |
| Holmium | 165-1 | 17050976 | 16818579 | 16913208 | 16927588 | 0.69 | cps |
| Holmium | 165-2 | 11914336 | 11878365 | 11888621 | 11893774 | 0.16 | cps |
| Indium | 115-1 | 13702945 | 13386551 | 13437316 | 13508937 | 1.26 | cps |
| Indium | 115-2 | 4976842 | 4974596 | 4925182 | 4958873 | 0.59 | cps |
| Iron | 56-2 | 57419972 | 58000132 | 57843867 | 57754657 | 0.52 | cps |
| Iron | 57-2 | 1460991 | 1411590 | 1435061 | 1435881 | 1.72 | cps |
| Iron | 54-2 | 3185313 | 3153275 | 3172747 | 3170445 | 0.51 | cps |
| Krypton | 83-1 | 190 | 257 | 193 | 213 | 17.61 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:26:30 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 690122 | 691937 | 694474 | 692178 | 0.32 | cps |
| Lead | 207-1 | 596580 | 597620 | 600703 | 598301 | 0.36 | cps |
| Lead | 208-1 | 2726256 | 2724217 | 2728966 | 2726480 | 0.09 | cps |
| Lithium | 6-1 | 2019107 | 1973969 | 1992236 | 1995104 | 1.14 | cps |
| Magnesium | 24-2 | 1650478 | 1663595 | 1666511 | 1660195 | 0.51 | cps |
| Manganese | 55-2 | 510269 | 507039 | 507229 | 508179 | 0.36 | cps |
| Molybdenum | 94-1 | 27276 | 28060 | 27897 | 27744 | 1.49 | cps |
| Molybdenum | 95-1 | 12389 | 12586 | 12926 | 12633 | 2.15 | cps |
| Molybdenum | 96-1 | 17527 | 17841 | 16876 | 17415 | 2.83 | cps |
| Molybdenum | 97-1 | 7652 | 7906 | 8066 | 7874 | 2.65 | cps |
| Molybdenum | 98-1 | 20144 | 20501 | 20815 | 20487 | 1.64 | cps |
| Neodymium | 150-1 | 40628 | 41397 | 40444 | 40823 | 1.24 | cps |
| Neodymium | 150-2 | 25189 | 24027 | 24919 | 24712 | 2.46 | cps |
| Nickel | 60-2 | 35769 | 35643 | 35742 | 35718 | 0.19 | cps |
| Phosphorus | 31-2 | 11484 | 11681 | 11631 | 11599 | 0.88 | cps |
| Potassium | 39-2 | 667370 | 667350 | 667268 | 667329 | 0.01 | cps |
| Rhodium | 103-1 | 12576922 | 12025378 | 12141754 | 12248018 | 2.37 | cps |
| Rhodium | 103-2 | 7296579 | 7355022 | 7295263 | 7315622 | 0.47 | cps |
| Scandium | 45-1 | 7010503 | 6935192 | 6776960 | 6907552 | 1.73 | cps |
| Scandium | 45-2 | 594649 | 591235 | 592153 | 592679 | 0.30 | cps |
| Selenium | 82-1 | 293 | 267 | 295 | 285 | 5.41 | cps |
| Selenium | 77-2 | 83 | 87 | 73 | 81 | 8.56 | cps |
| Selenium | 78-2 | 480 | 470 | 450 | 467 | 3.27 | cps |
| Silicon | 28-1 | 5215225 | 5170016 | 5250248 | 5211830 | 0.77 | cps |
| Silver | 107-1 | 8546 | 8196 | 8656 | 8466 | 2.84 | cps |
| Silver | 109-1 | 8039 | 7635 | 7836 | 7837 | 2.57 | cps |
| Sodium | 23-2 | 5435831 | 5419799 | 5468358 | 5441329 | 0.45 | cps |
| Strontium | 86-1 | 259394 | 262370 | 259461 | 260408 | 0.65 | cps |
| Strontium | 88-1 | 2321593 | 2351905 | 2331591 | 2335030 | 0.66 | cps |
| Sulfur | 34-1 | 262189 | 266513 | 265997 | 264900 | 0.89 | cps |
| Terbium | 159-1 | 17456545 | 17071504 | 17022815 | 17183621 | 1.38 | cps |
| Terbium | 159-2 | 11904505 | 11629366 | 11615996 | 11716622 | 1.39 | cps |
| Thallium | 203-1 | 2894 | 3134 | 3064 | 3030 | 4.07 | cps |
| Thallium | 205-1 | 6795 | 7055 | 6959 | 6936 | 1.90 | cps |
| Tin | 118-1 | 58555 | 58719 | 58605 | 58626 | 0.14 | cps |
| Titanium | 47-1 | 795009 | 796885 | 788619 | 793504 | 0.55 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:26:30 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 40478 | 41384 | 40876 | 40913 | 1.11 | cps |
| Vanadium | 51-2 | 129059 | 128380 | 129372 | 128937 | 0.39 | cps |
| Yttrium | 89-1 | 20579922 | 20334463 | 20217871 | 20377418 | 0.91 | cps |
| Yttrium | 89-2 | 5443922 | 5438999 | 5431712 | 5438211 | 0.11 | cps |
| Zinc | 66-2 | 276337 | 277172 | 276774 | 276761 | 0.15 | cps |
| Zirconium | 90-1 | 55290 | 56127 | 58915 | 56777 | 3.34 | cps |
| Zirconium | 91-1 | 12249 | 12619 | 12235 | 12368 | 1.76 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:29:41 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3356442 | 3385340 | 3381744 | 3374509 | 0.47 | cps |
| Antimony | 121-1 | 10200723 | 10399405 | 10449772 | 10349967 | 1.27 | cps |
| Arsenic | 75-2 | 730889 | 731861 | 730492 | 731081 | 0.10 | cps |
| Barium | 135-1 | 323786 | 328395 | 331175 | 327785 | 1.14 | cps |
| Barium | 137-1 | 564177 | 576118 | 574277 | 571524 | 1.12 | cps |
| Beryllium | 9-1 | 990 | 1067 | 1130 | 1062 | 6.60 | cps |
| Bismuth | 209-1 | 10669584 | 10374678 | 10494180 | 10512814 | 1.41 | cps |
| Bismuth | 209-2 | 8704182 | 8720311 | 8576646 | 8667046 | 0.91 | cps |
| Bromine | 81-1 | 35539 | 36017 | 37234 | 36263 | 2.41 | cps |
| Bromine | 81-2 | 4541 | 4604 | 4397 | 4514 | 2.35 | cps |
| Cadmium | 108-1 | 663 | 607 | 633 | 634 | 4.47 | cps |
| Cadmium | 106-1 | 5925 | 5768 | 5761 | 5818 | 1.59 | cps |
| Cadmium | 111-1 | 5816 | 5846 | 5804 | 5822 | 0.38 | cps |
| Calcium | 43-1 | 205724 | 212189 | 211773 | 209895 | 1.72 | cps |
| Calcium | 44-1 | 3203854 | 3316430 | 3302936 | 3274407 | 1.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 227716 | 229020 | 230517 | 229084 | 0.61 | cps |
| Cobalt | 59-2 | 414772 | 413231 | 415247 | 414417 | 0.25 | cps |
| Copper | 63-2 | 2891025 | 2874490 | 2821346 | 2862287 | 1.27 | cps |
| Dysprosium | 156-1 | 25780 | 26569 | 26402 | 26250 | 1.58 | cps |
| Dysprosium | 156-2 | 21316 | 21737 | 21457 | 21503 | 1.00 | cps |
| Erbium | 164-1 | 25804 | 25654 | 25517 | 25658 | 0.56 | cps |
| Erbium | 164-2 | 18309 | 18292 | 18175 | 18259 | 0.40 | cps |
| Gadolinium | 160-1 | 26422 | 27036 | 26852 | 26770 | 1.18 | cps |
| Gadolinium | 160-2 | 20775 | 20535 | 20789 | 20700 | 0.69 | cps |
| Holmium | 165-1 | 17177802 | 17017235 | 17065312 | 17086783 | 0.48 | cps |
| Holmium | 165-2 | 12178321 | 12216199 | 12138422 | 12177648 | 0.32 | cps |
| Indium | 115-1 | 14540116 | 14417665 | 14273417 | 14410399 | 0.93 | cps |
| Indium | 115-2 | 5383579 | 5458220 | 5427267 | 5423022 | 0.69 | cps |
| Iron | 56-2 | 256634516 | 258070189 | 257223956 | 257309554 | 0.28 | cps |
| Iron | 57-2 | 6266592 | 6277786 | 6348613 | 6297663 | 0.71 | cps |
| Iron | 54-2 | 14012740 | 13884326 | 13939231 | 13945432 | 0.46 | cps |
| Krypton | 83-1 | 220 | 263 | 247 | 243 | 8.98 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:29:41 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9084250 | 9188632 | 9248417 | 9173766 | 0.91 | cps |
| Lead | 207-1 | 8068564 | 8076014 | 8045141 | 8063240 | 0.20 | cps |
| Lead | 208-1 | 36528865 | 36612874 | 36605479 | 36582406 | 0.13 | cps |
| Lithium | 6-1 | 2050199 | 2011296 | 2044081 | 2035192 | 1.03 | cps |
| Magnesium | 24-2 | 3768122 | 3797284 | 3753717 | 3773041 | 0.59 | cps |
| Manganese | 55-2 | 2033755 | 2039327 | 2050285 | 2041122 | 0.41 | cps |
| Molybdenum | 94-1 | 244295 | 251117 | 250857 | 248756 | 1.55 | cps |
| Molybdenum | 95-1 | 374961 | 383853 | 385112 | 381309 | 1.45 | cps |
| Molybdenum | 96-1 | 414618 | 424931 | 425364 | 421638 | 1.44 | cps |
| Molybdenum | 97-1 | 235738 | 240975 | 240098 | 238937 | 1.17 | cps |
| Molybdenum | 98-1 | 606528 | 618219 | 621326 | 615357 | 1.27 | cps |
| Neodymium | 150-1 | 39181 | 38827 | 38616 | 38875 | 0.73 | cps |
| Neodymium | 150-2 | 23981 | 23657 | 23506 | 23714 | 1.02 | cps |
| Nickel | 60-2 | 129540 | 129745 | 130253 | 129846 | 0.28 | cps |
| Phosphorus | 31-2 | 13469 | 13863 | 13816 | 13716 | 1.57 | cps |
| Potassium | 39-2 | 1654321 | 1648213 | 1636579 | 1646371 | 0.55 | cps |
| Rhodium | 103-1 | 12641506 | 12390928 | 12617294 | 12549909 | 1.10 | cps |
| Rhodium | 103-2 | 7681832 | 7650322 | 7645883 | 7659346 | 0.26 | cps |
| Scandium | 45-1 | 7304657 | 7268277 | 7329742 | 7300892 | 0.42 | cps |
| Scandium | 45-2 | 647137 | 646750 | 646416 | 646767 | 0.06 | cps |
| Selenium | 82-1 | 454 | 420 | 436 | 437 | 3.97 | cps |
| Selenium | 77-2 | 87 | 77 | 140 | 101 | 33.67 | cps |
| Selenium | 78-2 | 550 | 527 | 530 | 536 | 2.36 | cps |
| Silicon | 28-1 | 9223558 | 9437163 | 11014458 | 9891726 | 9.89 | cps |
| Silver | 107-1 | 25967 | 26317 | 26998 | 26427 | 1.99 | cps |
| Silver | 109-1 | 24477 | 24544 | 24855 | 24625 | 0.82 | cps |
| Sodium | 23-2 | 5599335 | 5584023 | 5581337 | 5588232 | 0.17 | cps |
| Strontium | 86-1 | 214472 | 219813 | 219291 | 217859 | 1.35 | cps |
| Strontium | 88-1 | 1934699 | 1955553 | 1975169 | 1955140 | 1.04 | cps |
| Sulfur | 34-1 | 236313 | 237283 | 233609 | 235735 | 0.81 | cps |
| Terbium | 159-1 | 17583496 | 17401303 | 17050286 | 17345028 | 1.56 | cps |
| Terbium | 159-2 | 11955297 | 11827801 | 11931225 | 11904774 | 0.57 | cps |
| Thallium | 203-1 | 10181 | 10251 | 10080 | 10171 | 0.84 | cps |
| Thallium | 205-1 | 23944 | 24850 | 23757 | 24184 | 2.42 | cps |
| Tin | 118-1 | 1550015 | 1611380 | 1627679 | 1596358 | 2.57 | cps |
| Titanium | 47-1 | 574890 | 596467 | 600829 | 590729 | 2.35 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:29:41 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 50817 | 50659 | 50870 | 50782 | 0.22 | cps |
| Vanadium | 51-2 | 199516 | 199476 | 200320 | 199771 | 0.24 | cps |
| Yttrium | 89-1 | 21177341 | 21146514 | 21151095 | 21158317 | 0.08 | cps |
| Yttrium | 89-2 | 5851635 | 5821395 | 5720926 | 5797985 | 1.18 | cps |
| Zinc | 66-2 | 2528300 | 2556463 | 2572101 | 2552288 | 0.87 | cps |
| Zirconium | 90-1 | 81602 | 85125 | 85098 | 83942 | 2.41 | cps |
| Zirconium | 91-1 | 18982 | 19590 | 19683 | 19418 | 1.96 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:32:42 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5900856 | 5872054 | 5806293 | 5859734 | 0.83 | cps |
| Antimony | 121-1 | 37862864 | 38485671 | 38282964 | 38210500 | 0.83 | cps |
| Arsenic | 75-2 | 5499653 | 5489292 | 5598032 | 5528992 | 1.09 | cps |
| Barium | 135-1 | 969847 | 987800 | 982301 | 979983 | 0.94 | cps |
| Barium | 137-1 | 1735911 | 1794920 | 1778343 | 1769725 | 1.72 | cps |
| Beryllium | 9-1 | 2777 | 2714 | 2757 | 2749 | 1.18 | cps |
| Bismuth | 209-1 | 10776620 | 10725360 | 10475783 | 10659254 | 1.51 | cps |
| Bismuth | 209-2 | 8855443 | 8822269 | 8674774 | 8784162 | 1.09 | cps |
| Bromine | 81-1 | 46282 | 47590 | 48402 | 47425 | 2.26 | cps |
| Bromine | 81-2 | 6738 | 7038 | 6922 | 6899 | 2.19 | cps |
| Cadmium | 108-1 | 5204 | 5024 | 4968 | 5065 | 2.44 | cps |
| Cadmium | 106-1 | 11832 | 11618 | 11551 | 11667 | 1.25 | cps |
| Cadmium | 111-1 | 43533 | 44435 | 43550 | 43839 | 1.18 | cps |
| Calcium | 43-1 | 1522901 | 1518353 | 1499108 | 1513454 | 0.83 | cps |
| Calcium | 44-1 | 24145696 | 24403577 | 24290893 | 24280055 | 0.53 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 902025 | 899496 | 900484 | 900668 | 0.14 | cps |
| Cobalt | 59-2 | 2127103 | 2140580 | 2152428 | 2140037 | 0.59 | cps |
| Copper | 63-2 | 18503538 | 18330762 | 18369687 | 18401329 | 0.49 | cps |
| Dysprosium | 156-1 | 39469 | 40435 | 40023 | 39976 | 1.21 | cps |
| Dysprosium | 156-2 | 34158 | 34603 | 34309 | 34356 | 0.66 | cps |
| Erbium | 164-1 | 40278 | 40686 | 39733 | 40232 | 1.19 | cps |
| Erbium | 164-2 | 29528 | 28563 | 28903 | 28998 | 1.69 | cps |
| Gadolinium | 160-1 | 38931 | 40288 | 39619 | 39613 | 1.71 | cps |
| Gadolinium | 160-2 | 29835 | 30122 | 30510 | 30156 | 1.12 | cps |
| Holmium | 165-1 | 16849843 | 16897672 | 16786229 | 16844581 | 0.33 | cps |
| Holmium | 165-2 | 12208974 | 12187090 | 11846682 | 12080916 | 1.68 | cps |
| Indium | 115-1 | 16614154 | 16462517 | 16396106 | 16490926 | 0.68 | cps |
| Indium | 115-2 | 6138778 | 6071079 | 6142679 | 6117512 | 0.66 | cps |
| Iron | 56-2 | 1137700863 | 1135604810 | 1135314596 | 1136206756 | 0.11 | cps |
| Iron | 57-2 | 28441135 | 28207550 | 28221612 | 28290099 | 0.46 | cps |
| Iron | 54-2 | 61636354 | 61997507 | 62311924 | 61981929 | 0.55 | cps |
| Krypton | 83-1 | 303 | 330 | 323 | 319 | 4.35 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:32:42 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 49003794 | 48903781 | 48729168 | 48878914 | 0.28 | cps |
| Lead | 207-1 | 42580539 | 42355779 | 42817851 | 42584723 | 0.54 | cps |
| Lead | 208-1 | 193968342 | 194600581 | 194768464 | 194445796 | 0.22 | cps |
| Lithium | 6-1 | 2046802 | 1988743 | 2012475 | 2016007 | 1.45 | cps |
| Magnesium | 24-2 | 4002096 | 3993820 | 4011986 | 4002634 | 0.23 | cps |
| Manganese | 55-2 | 3833421 | 3864189 | 3866046 | 3854552 | 0.48 | cps |
| Molybdenum | 94-1 | 2255242 | 2286976 | 2255863 | 2266027 | 0.80 | cps |
| Molybdenum | 95-1 | 3775633 | 3851847 | 3807954 | 3811811 | 1.00 | cps |
| Molybdenum | 96-1 | 4095779 | 4140337 | 4155026 | 4130381 | 0.75 | cps |
| Molybdenum | 97-1 | 2347638 | 2371353 | 2371074 | 2363355 | 0.58 | cps |
| Molybdenum | 98-1 | 6036882 | 6162635 | 6095551 | 6098356 | 1.03 | cps |
| Neodymium | 150-1 | 62514 | 62069 | 63211 | 62598 | 0.92 | cps |
| Neodymium | 150-2 | 38873 | 38339 | 38756 | 38656 | 0.73 | cps |
| Nickel | 60-2 | 203387 | 202556 | 202403 | 202782 | 0.26 | cps |
| Phosphorus | 31-2 | 14487 | 14290 | 14340 | 14372 | 0.71 | cps |
| Potassium | 39-2 | 2938189 | 2927364 | 2932925 | 2932826 | 0.18 | cps |
| Rhodium | 103-1 | 12480074 | 12369207 | 12378594 | 12409292 | 0.50 | cps |
| Rhodium | 103-2 | 7470310 | 7522348 | 7426044 | 7472901 | 0.65 | cps |
| Scandium | 45-1 | 7391964 | 7227664 | 7242786 | 7287471 | 1.25 | cps |
| Scandium | 45-2 | 648095 | 649800 | 641692 | 646529 | 0.66 | cps |
| Selenium | 82-1 | 1086 | 1008 | 1018 | 1037 | 4.08 | cps |
| Selenium | 77-2 | 167 | 180 | 167 | 171 | 4.50 | cps |
| Selenium | 78-2 | 797 | 827 | 813 | 812 | 1.85 | cps |
| Silicon | 28-1 | 78477221 | 81216254 | 82268305 | 80653927 | 2.43 | cps |
| Silver | 107-1 | 120485 | 121930 | 123941 | 122118 | 1.42 | cps |
| Silver | 109-1 | 113695 | 115788 | 116833 | 115438 | 1.38 | cps |
| Sodium | 23-2 | 11454238 | 11427082 | 11327693 | 11403004 | 0.58 | cps |
| Strontium | 86-1 | 1383446 | 1459717 | 1397840 | 1413667 | 2.87 | cps |
| Strontium | 88-1 | 12505376 | 12666769 | 12604399 | 12592181 | 0.65 | cps |
| Sulfur | 34-1 | 423116 | 424561 | 424710 | 424129 | 0.21 | cps |
| Terbium | 159-1 | 17486419 | 17266822 | 17218866 | 17324036 | 0.82 | cps |
| Terbium | 159-2 | 11983763 | 12050928 | 11994691 | 12009794 | 0.30 | cps |
| Thallium | 203-1 | 68474 | 69312 | 69070 | 68952 | 0.63 | cps |
| Thallium | 205-1 | 161489 | 163927 | 161766 | 162394 | 0.82 | cps |
| Tin | 118-1 | 7557942 | 7539974 | 7585003 | 7560973 | 0.30 | cps |
| Titanium | 47-1 | 1574569 | 1630962 | 1626039 | 1610523 | 1.94 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:32:42 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 347110 | 353743 | 352711 | 351188 | 1.02 | cps |
| Vanadium | 51-2 | 276024 | 274538 | 274813 | 275125 | 0.29 | cps |
| Yttrium | 89-1 | 21328901 | 21118198 | 21030623 | 21159241 | 0.72 | cps |
| Yttrium | 89-2 | 5833475 | 5894298 | 5868671 | 5865481 | 0.52 | cps |
| Zinc | 66-2 | 16493044 | 16424745 | 16391524 | 16436438 | 0.31 | cps |
| Zirconium | 90-1 | 386603 | 392236 | 394713 | 391184 | 1.06 | cps |
| Zirconium | 91-1 | 94894 | 95495 | 94841 | 95076 | 0.38 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3020663 | 3047068 | 3009646 | 3025792 | 0.64 | cps |
| Antimony | 121-1 | 6883225 | 6932354 | 6897761 | 6904447 | 0.37 | cps |
| Arsenic | 75-2 | 470734 | 468153 | 467158 | 468682 | 0.39 | cps |
| Barium | 135-1 | 275324 | 281855 | 282133 | 279771 | 1.38 | cps |
| Barium | 137-1 | 485611 | 483961 | 488475 | 486016 | 0.47 | cps |
| Beryllium | 9-1 | 630 | 653 | 697 | 660 | 5.13 | cps |
| Bismuth | 209-1 | 10560217 | 10473951 | 10393388 | 10475852 | 0.80 | cps |
| Bismuth | 209-2 | 8653879 | 8715774 | 8733797 | 8701150 | 0.48 | cps |
| Bromine | 81-1 | 34544 | 36381 | 36706 | 35877 | 3.25 | cps |
| Bromine | 81-2 | 4587 | 4287 | 4224 | 4366 | 4.45 | cps |
| Cadmium | 108-1 | 450 | 573 | 507 | 510 | 12.11 | cps |
| Cadmium | 106-1 | 5835 | 5808 | 5424 | 5689 | 4.03 | cps |
| Cadmium | 111-1 | 4433 | 4469 | 4591 | 4497 | 1.84 | cps |
| Calcium | 43-1 | 191243 | 193746 | 192494 | 192494 | 0.65 | cps |
| Calcium | 44-1 | 2929912 | 3002342 | 2992198 | 2974817 | 1.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 179369 | 178141 | 178344 | 178618 | 0.37 | cps |
| Cobalt | 59-2 | 341827 | 340135 | 341094 | 341019 | 0.25 | cps |
| Copper | 63-2 | 1714570 | 1681194 | 1716545 | 1704103 | 1.17 | cps |
| Dysprosium | 156-1 | 22742 | 23022 | 23112 | 22959 | 0.84 | cps |
| Dysprosium | 156-2 | 19073 | 19390 | 18626 | 19030 | 2.02 | cps |
| Erbium | 164-1 | 21911 | 22315 | 22719 | 22315 | 1.81 | cps |
| Erbium | 164-2 | 15956 | 15729 | 15999 | 15895 | 0.91 | cps |
| Gadolinium | 160-1 | 23299 | 23500 | 23213 | 23337 | 0.63 | cps |
| Gadolinium | 160-2 | 18282 | 17825 | 18482 | 18196 | 1.85 | cps |
| Holmium | 165-1 | 17249842 | 17131251 | 16870831 | 17083975 | 1.13 | cps |
| Holmium | 165-2 | 12038742 | 12168847 | 12187891 | 12131827 | 0.67 | cps |
| Indium | 115-1 | 14592976 | 14324674 | 14215907 | 14377852 | 1.35 | cps |
| Indium | 115-2 | 5418641 | 5335055 | 5343435 | 5365710 | 0.86 | cps |
| Iron | 56-2 | 218198057 | 218499250 | 215813910 | 217503739 | 0.68 | cps |
| Iron | 57-2 | 5386144 | 5365382 | 5345708 | 5365745 | 0.38 | cps |
| Iron | 54-2 | 11800861 | 11878736 | 11724811 | 11801469 | 0.65 | cps |
| Krypton | 83-1 | 240 | 277 | 207 | 241 | 14.52 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6644081 | 6769728 | 6789238 | 6734349 | 1.17 | cps |
| Lead | 207-1 | 5842472 | 5976921 | 6023682 | 5947691 | 1.58 | cps |
| Lead | 208-1 | 26824156 | 27299012 | 27353105 | 27158758 | 1.07 | cps |
| Lithium | 6-1 | 2051292 | 2013503 | 1987854 | 2017550 | 1.58 | cps |
| Magnesium | 24-2 | 3738023 | 3691202 | 3660193 | 3696473 | 1.06 | cps |
| Manganese | 55-2 | 2040070 | 2029150 | 2056724 | 2041981 | 0.68 | cps |
| Molybdenum | 94-1 | 96767 | 97033 | 96119 | 96639 | 0.49 | cps |
| Molybdenum | 95-1 | 105241 | 107296 | 106920 | 106486 | 1.03 | cps |
| Molybdenum | 96-1 | 122794 | 123267 | 122773 | 122945 | 0.23 | cps |
| Molybdenum | 97-1 | 66142 | 66694 | 67518 | 66785 | 1.04 | cps |
| Molybdenum | 98-1 | 170664 | 172250 | 172373 | 171762 | 0.55 | cps |
| Neodymium | 150-1 | 34282 | 33810 | 34241 | 34111 | 0.77 | cps |
| Neodymium | 150-2 | 21256 | 20936 | 20662 | 20951 | 1.42 | cps |
| Nickel | 60-2 | 108028 | 108099 | 108525 | 108218 | 0.25 | cps |
| Phosphorus | 31-2 | 15945 | 16663 | 16242 | 16283 | 2.21 | cps |
| Potassium | 39-2 | 1601451 | 1598053 | 1590980 | 1596828 | 0.33 | cps |
| Rhodium | 103-1 | 12895241 | 12791796 | 12688281 | 12791773 | 0.81 | cps |
| Rhodium | 103-2 | 7700676 | 7601617 | 7621916 | 7641403 | 0.68 | cps |
| Scandium | 45-1 | 7464515 | 7419026 | 7356187 | 7413243 | 0.73 | cps |
| Scandium | 45-2 | 650420 | 650395 | 655534 | 652116 | 0.45 | cps |
| Selenium | 82-1 | 368 | 376 | 441 | 395 | 10.12 | cps |
| Selenium | 77-2 | 97 | 70 | 57 | 74 | 27.36 | cps |
| Selenium | 78-2 | 630 | 553 | 493 | 559 | 12.26 | cps |
| Silicon | 28-1 | 5672606 | 5755611 | 7071093 | 6166437 | 12.72 | cps |
| Silver | 107-1 | 14030 | 14371 | 13867 | 14089 | 1.82 | cps |
| Silver | 109-1 | 13366 | 13083 | 13516 | 13322 | 1.65 | cps |
| Sodium | 23-2 | 5759310 | 5710251 | 5705245 | 5724935 | 0.52 | cps |
| Strontium | 86-1 | 196033 | 198135 | 198225 | 197464 | 0.63 | cps |
| Strontium | 88-1 | 1737297 | 1765791 | 1754439 | 1752509 | 0.82 | cps |
| Sulfur | 34-1 | 226517 | 226365 | 226459 | 226447 | 0.03 | cps |
| Terbium | 159-1 | 17578539 | 17589054 | 17475509 | 17547701 | 0.36 | cps |
| Terbium | 159-2 | 12011027 | 11797269 | 11929967 | 11912754 | 0.91 | cps |
| Thallium | 203-1 | 5161 | 5208 | 5288 | 5219 | 1.23 | cps |
| Thallium | 205-1 | 12282 | 12429 | 12129 | 12280 | 1.22 | cps |
| Tin | 118-1 | 1110099 | 1120085 | 1122310 | 1117498 | 0.58 | cps |
| Titanium | 47-1 | 529991 | 536831 | 537891 | 534904 | 0.80 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 32152 | 32256 | 31975 | 32128 | 0.44 | cps |
| Vanadium | 51-2 | 189578 | 189534 | 191194 | 190102 | 0.50 | cps |
| Yttrium | 89-1 | 21523156 | 21115051 | 21173185 | 21270464 | 1.04 | cps |
| Yttrium | 89-2 | 5827525 | 5736071 | 5856722 | 5806772 | 1.08 | cps |
| Zinc | 66-2 | 2178100 | 2177063 | 2150982 | 2168715 | 0.71 | cps |
| Zirconium | 90-1 | 96847 | 108619 | 99343 | 101603 | 6.11 | cps |
| Zirconium | 91-1 | 22204 | 22668 | 22457 | 22443 | 1.04 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5580901 | 5568196 | 5545522 | 5564873 | 0.32 | cps |
| Antimony | 121-1 | 32041142 | 31998133 | 32155412 | 32064896 | 0.25 | cps |
| Arsenic | 75-2 | 3596853 | 3617194 | 3618791 | 3610946 | 0.34 | cps |
| Barium | 135-1 | 2259430 | 2261706 | 2263707 | 2261614 | 0.09 | cps |
| Barium | 137-1 | 3907629 | 3940776 | 3900609 | 3916338 | 0.55 | cps |
| Beryllium | 9-1 | 1800 | 1900 | 1990 | 1897 | 5.01 | cps |
| Bismuth | 209-1 | 10706983 | 10358445 | 10393409 | 10486279 | 1.83 | cps |
| Bismuth | 209-2 | 8835922 | 8639873 | 8643994 | 8706596 | 1.29 | cps |
| Bromine | 81-1 | 45798 | 47957 | 49974 | 47910 | 4.36 | cps |
| Bromine | 81-2 | 7385 | 7008 | 6845 | 7080 | 3.91 | cps |
| Cadmium | 108-1 | 3054 | 2934 | 3080 | 3023 | 2.59 | cps |
| Cadmium | 106-1 | 9797 | 10097 | 9487 | 9793 | 3.12 | cps |
| Cadmium | 111-1 | 20912 | 21785 | 21122 | 21273 | 2.14 | cps |
| Calcium | 43-1 | 2435749 | 2494766 | 2482649 | 2471054 | 1.26 | cps |
| Calcium | 44-1 | 39273417 | 39561733 | 39768741 | 39534630 | 0.63 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 257566 | 257109 | 258821 | 257832 | 0.34 | cps |
| Cobalt | 59-2 | 1164183 | 1165368 | 1164138 | 1164563 | 0.06 | cps |
| Copper | 63-2 | 13945089 | 14049790 | 13987151 | 13994010 | 0.38 | cps |
| Dysprosium | 156-1 | 27681 | 28736 | 28035 | 28151 | 1.91 | cps |
| Dysprosium | 156-2 | 23794 | 23383 | 23767 | 23648 | 0.97 | cps |
| Erbium | 164-1 | 29785 | 30837 | 30737 | 30453 | 1.91 | cps |
| Erbium | 164-2 | 22441 | 22435 | 22448 | 22441 | 0.03 | cps |
| Gadolinium | 160-1 | 28679 | 29134 | 28439 | 28751 | 1.23 | cps |
| Gadolinium | 160-2 | 22054 | 22198 | 22592 | 22281 | 1.25 | cps |
| Holmium | 165-1 | 17229425 | 16712665 | 16881888 | 16941326 | 1.56 | cps |
| Holmium | 165-2 | 12068194 | 12160230 | 12002103 | 12076842 | 0.66 | cps |
| Indium | 115-1 | 18362346 | 18227799 | 18290750 | 18293632 | 0.37 | cps |
| Indium | 115-2 | 6836840 | 6752785 | 6825873 | 6805166 | 0.67 | cps |
| Iron | 56-2 | 732405109 | 729075456 | 732558736 | 731346434 | 0.27 | cps |
| Iron | 57-2 | 17989879 | 18101986 | 18054926 | 18048930 | 0.31 | cps |
| Iron | 54-2 | 39616799 | 39526204 | 39645035 | 39596013 | 0.16 | cps |
| Krypton | 83-1 | 263 | 297 | 303 | 288 | 7.45 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 47765664 | 48350174 | 48380514 | 48165451 | 0.72 | cps |
| Lead | 207-1 | 42500992 | 42772999 | 42604990 | 42626327 | 0.32 | cps |
| Lead | 208-1 | 192593998 | 194433982 | 193840516 | 193622832 | 0.49 | cps |
| Lithium | 6-1 | 2020135 | 1992236 | 1996865 | 2003079 | 0.75 | cps |
| Magnesium | 24-2 | 4455078 | 4451487 | 4488105 | 4464890 | 0.45 | cps |
| Manganese | 55-2 | 5894895 | 5870860 | 5880997 | 5882250 | 0.21 | cps |
| Molybdenum | 94-1 | 578111 | 587790 | 583911 | 583271 | 0.84 | cps |
| Molybdenum | 95-1 | 764885 | 777721 | 777046 | 773218 | 0.93 | cps |
| Molybdenum | 96-1 | 849482 | 866909 | 873643 | 863345 | 1.44 | cps |
| Molybdenum | 97-1 | 480146 | 486154 | 486548 | 484283 | 0.74 | cps |
| Molybdenum | 98-1 | 1235749 | 1258156 | 1260856 | 1251587 | 1.10 | cps |
| Neodymium | 150-1 | 40876 | 41524 | 40899 | 41100 | 0.90 | cps |
| Neodymium | 150-2 | 25436 | 24942 | 24732 | 25037 | 1.44 | cps |
| Nickel | 60-2 | 169714 | 170530 | 170304 | 170183 | 0.25 | cps |
| Phosphorus | 31-2 | 16446 | 16773 | 16883 | 16700 | 1.36 | cps |
| Potassium | 39-2 | 2832467 | 2882014 | 2879409 | 2864630 | 0.97 | cps |
| Rhodium | 103-1 | 12864801 | 12451107 | 12431843 | 12582584 | 1.94 | cps |
| Rhodium | 103-2 | 7473363 | 7460818 | 7398849 | 7444343 | 0.54 | cps |
| Scandium | 45-1 | 7490665 | 7213244 | 7296081 | 7333330 | 1.94 | cps |
| Scandium | 45-2 | 644552 | 647536 | 650535 | 647541 | 0.46 | cps |
| Selenium | 82-1 | 1024 | 1084 | 1039 | 1049 | 2.96 | cps |
| Selenium | 77-2 | 130 | 117 | 167 | 138 | 18.79 | cps |
| Selenium | 78-2 | 783 | 753 | 853 | 797 | 6.44 | cps |
| Silicon | 28-1 | 24639550 | 25321735 | 25002685 | 24987990 | 1.37 | cps |
| Silver | 107-1 | 110590 | 113382 | 112609 | 112194 | 1.28 | cps |
| Silver | 109-1 | 105916 | 107535 | 106688 | 106713 | 0.76 | cps |
| Sodium | 23-2 | 12439963 | 12321379 | 12434603 | 12398649 | 0.54 | cps |
| Strontium | 86-1 | 1877862 | 1942644 | 1940190 | 1920232 | 1.91 | cps |
| Strontium | 88-1 | 16243987 | 16595776 | 16745493 | 16528419 | 1.56 | cps |
| Sulfur | 34-1 | 350476 | 357237 | 359350 | 355688 | 1.30 | cps |
| Terbium | 159-1 | 17808557 | 17206773 | 17431083 | 17482138 | 1.74 | cps |
| Terbium | 159-2 | 12077535 | 11835049 | 11883325 | 11931970 | 1.08 | cps |
| Thallium | 203-1 | 17238 | 17351 | 17401 | 17330 | 0.48 | cps |
| Thallium | 205-1 | 40116 | 40577 | 40557 | 40417 | 0.65 | cps |
| Tin | 118-1 | 8764709 | 8913601 | 8779335 | 8819215 | 0.93 | cps |
| Titanium | 47-1 | 1014801 | 1028719 | 1040166 | 1027895 | 1.24 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 160424 | 164141 | 163834 | 162800 | 1.27 | cps |
| Vanadium | 51-2 | 246937 | 245508 | 247504 | 246650 | 0.42 | cps |
| Yttrium | 89-1 | 21387262 | 20950009 | 21017403 | 21118225 | 1.11 | cps |
| Yttrium | 89-2 | 5845897 | 5812348 | 5783950 | 5814065 | 0.53 | cps |
| Zinc | 66-2 | 15974894 | 16004588 | 15973364 | 15984282 | 0.11 | cps |
| Zirconium | 90-1 | 379865 | 389711 | 392589 | 387389 | 1.72 | cps |
| Zirconium | 91-1 | 88803 | 92090 | 91533 | 90809 | 1.94 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:42:34 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2527242 | 2468589 | 2501095 | 2498976 | 1.18 | cps |
| Antimony | 121-1 | 373429 | 374597 | 374883 | 374303 | 0.21 | cps |
| Arsenic | 75-2 | 30328 | 30091 | 30024 | 30147 | 0.53 | cps |
| Barium | 135-1 | 54832 | 55564 | 55829 | 55408 | 0.93 | cps |
| Barium | 137-1 | 96246 | 98680 | 95179 | 96701 | 1.86 | cps |
| Beryllium | 9-1 | 450 | 450 | 397 | 432 | 7.12 | cps |
| Bismuth | 209-1 | 10152343 | 9940539 | 10118441 | 10070441 | 1.13 | cps |
| Bismuth | 209-2 | 8597999 | 8576417 | 8504158 | 8559525 | 0.57 | cps |
| Bromine | 81-1 | 28514 | 29636 | 29967 | 29373 | 2.59 | cps |
| Bromine | 81-2 | 2914 | 2950 | 3040 | 2968 | 2.20 | cps |
| Cadmium | 108-1 | 157 | 180 | 110 | 149 | 23.94 | cps |
| Cadmium | 106-1 | 5221 | 5151 | 5238 | 5203 | 0.88 | cps |
| Cadmium | 111-1 | 1747 | 1755 | 1859 | 1787 | 3.48 | cps |
| Calcium | 43-1 | 119858 | 119304 | 120322 | 119828 | 0.43 | cps |
| Calcium | 44-1 | 1852082 | 1847530 | 1850096 | 1849903 | 0.12 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 154959 | 155862 | 154279 | 155033 | 0.51 | cps |
| Cobalt | 59-2 | 135027 | 136533 | 134772 | 135444 | 0.70 | cps |
| Copper | 63-2 | 285685 | 288284 | 285798 | 286589 | 0.51 | cps |
| Dysprosium | 156-1 | 22765 | 23002 | 22962 | 22910 | 0.55 | cps |
| Dysprosium | 156-2 | 19003 | 19120 | 19153 | 19092 | 0.41 | cps |
| Erbium | 164-1 | 20922 | 20572 | 20999 | 20831 | 1.09 | cps |
| Erbium | 164-2 | 15145 | 14985 | 15385 | 15172 | 1.33 | cps |
| Gadolinium | 160-1 | 22822 | 23062 | 22915 | 22933 | 0.53 | cps |
| Gadolinium | 160-2 | 17972 | 18305 | 17604 | 17960 | 1.95 | cps |
| Holmium | 165-1 | 17174619 | 16848699 | 16649662 | 16890993 | 1.57 | cps |
| Holmium | 165-2 | 12084379 | 12216085 | 12060283 | 12120249 | 0.69 | cps |
| Indium | 115-1 | 13741371 | 13569051 | 13617228 | 13642550 | 0.65 | cps |
| Indium | 115-2 | 5221087 | 5220657 | 5121017 | 5187587 | 1.11 | cps |
| Iron | 56-2 | 122891175 | 122147188 | 121791968 | 122276777 | 0.46 | cps |
| Iron | 57-2 | 3025475 | 3019525 | 3021779 | 3022260 | 0.10 | cps |
| Iron | 54-2 | 6708400 | 6737503 | 6617685 | 6687863 | 0.93 | cps |
| Krypton | 83-1 | 233 | 197 | 237 | 222 | 9.99 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:42:34 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 525565 | 523575 | 527705 | 525615 | 0.39 | cps |
| Lead | 207-1 | 446066 | 449536 | 453834 | 449812 | 0.87 | cps |
| Lead | 208-1 | 2064148 | 2066276 | 2076622 | 2069015 | 0.32 | cps |
| Lithium | 6-1 | 2005596 | 2035735 | 1993875 | 2011736 | 1.07 | cps |
| Magnesium | 24-2 | 3582271 | 3514226 | 3507576 | 3534691 | 1.17 | cps |
| Manganese | 55-2 | 1298683 | 1280749 | 1275733 | 1285055 | 0.94 | cps |
| Molybdenum | 94-1 | 29389 | 30111 | 30211 | 29904 | 1.50 | cps |
| Molybdenum | 95-1 | 6972 | 7122 | 7032 | 7042 | 1.07 | cps |
| Molybdenum | 96-1 | 12759 | 13573 | 13406 | 13246 | 3.25 | cps |
| Molybdenum | 97-1 | 4347 | 4481 | 4788 | 4539 | 4.97 | cps |
| Molybdenum | 98-1 | 11101 | 11718 | 11041 | 11287 | 3.32 | cps |
| Neodymium | 150-1 | 35368 | 34622 | 35040 | 35010 | 1.07 | cps |
| Neodymium | 150-2 | 21767 | 21710 | 20932 | 21470 | 2.17 | cps |
| Nickel | 60-2 | 92811 | 93281 | 93080 | 93057 | 0.25 | cps |
| Phosphorus | 31-2 | 10167 | 9787 | 10150 | 10034 | 2.14 | cps |
| Potassium | 39-2 | 1379226 | 1375420 | 1383098 | 1379248 | 0.28 | cps |
| Rhodium | 103-1 | 12727371 | 12536604 | 12703843 | 12655939 | 0.82 | cps |
| Rhodium | 103-2 | 7744626 | 7681464 | 7643655 | 7689915 | 0.66 | cps |
| Scandium | 45-1 | 7436081 | 7382253 | 7404241 | 7407525 | 0.37 | cps |
| Scandium | 45-2 | 656263 | 656441 | 646667 | 653124 | 0.86 | cps |
| Selenium | 82-1 | 290 | 285 | 233 | 269 | 11.83 | cps |
| Selenium | 77-2 | 90 | 70 | 63 | 74 | 18.64 | cps |
| Selenium | 78-2 | 583 | 523 | 540 | 549 | 5.64 | cps |
| Silicon | 28-1 | 5826911 | 5770876 | 5784715 | 5794167 | 0.50 | cps |
| Silver | 107-1 | 3140 | 2794 | 2784 | 2906 | 6.99 | cps |
| Silver | 109-1 | 2854 | 2617 | 2447 | 2639 | 7.74 | cps |
| Sodium | 23-2 | 4819812 | 4720630 | 4759971 | 4766804 | 1.05 | cps |
| Strontium | 86-1 | 137068 | 137041 | 139315 | 137808 | 0.95 | cps |
| Strontium | 88-1 | 1186908 | 1198249 | 1196801 | 1193986 | 0.52 | cps |
| Sulfur | 34-1 | 224667 | 221580 | 219889 | 222045 | 1.09 | cps |
| Terbium | 159-1 | 17191770 | 17167398 | 17146724 | 17168631 | 0.13 | cps |
| Terbium | 159-2 | 12046178 | 11948519 | 11870894 | 11955197 | 0.73 | cps |
| Thallium | 203-1 | 2287 | 2430 | 2334 | 2350 | 3.11 | cps |
| Thallium | 205-1 | 5561 | 5461 | 5324 | 5449 | 2.18 | cps |
| Tin | 118-1 | 69979 | 71295 | 70569 | 70614 | 0.93 | cps |
| Titanium | 47-1 | 498745 | 500914 | 502129 | 500596 | 0.34 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:42:34 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 15920 | 16073 | 15613 | 15868 | 1.48 | cps |
| Vanadium | 51-2 | 161365 | 161833 | 162409 | 161869 | 0.32 | cps |
| Yttrium | 89-1 | 21239093 | 21024640 | 21164153 | 21142629 | 0.51 | cps |
| Yttrium | 89-2 | 5868378 | 5880148 | 5815038 | 5854521 | 0.59 | cps |
| Zinc | 66-2 | 200719 | 200720 | 200672 | 200704 | 0.01 | cps |
| Zirconium | 90-1 | 69440 | 70070 | 70254 | 69921 | 0.61 | cps |
| Zirconium | 91-1 | 15375 | 15702 | 15775 | 15617 | 1.37 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1735846 | 1741548 | 1721002 | 1732799 | 0.61 | cps |
| Antimony | 121-1 | 33185 | 33743 | 33432 | 33453 | 0.84 | cps |
| Arsenic | 75-2 | 7719 | 8059 | 8022 | 7933 | 2.35 | cps |
| Barium | 135-1 | 37534 | 38335 | 37630 | 37833 | 1.16 | cps |
| Barium | 137-1 | 65403 | 65212 | 64495 | 65037 | 0.74 | cps |
| Beryllium | 9-1 | 270 | 323 | 353 | 316 | 13.37 | cps |
| Bismuth | 209-1 | 10183520 | 9615248 | 10293678 | 10030815 | 3.63 | cps |
| Bismuth | 209-2 | 8571068 | 8531172 | 8447903 | 8516714 | 0.74 | cps |
| Bromine | 81-1 | 30658 | 31607 | 31631 | 31299 | 1.77 | cps |
| Bromine | 81-2 | 3370 | 3460 | 3337 | 3389 | 1.88 | cps |
| Cadmium | 108-1 | 63 | 110 | 77 | 83 | 28.85 | cps |
| Cadmium | 106-1 | 4978 | 4821 | 5254 | 5018 | 4.37 | cps |
| Cadmium | 111-1 | 1204 | 1157 | 1261 | 1208 | 4.31 | cps |
| Calcium | 43-1 | 141458 | 140015 | 140025 | 140499 | 0.59 | cps |
| Calcium | 44-1 | 2216811 | 2234993 | 2181704 | 2211170 | 1.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 81582 | 82735 | 83044 | 82454 | 0.93 | cps |
| Cobalt | 59-2 | 54258 | 54117 | 53960 | 54112 | 0.28 | cps |
| Copper | 63-2 | 173587 | 169801 | 170074 | 171154 | 1.23 | cps |
| Dysprosium | 156-1 | 32698 | 33019 | 33139 | 32952 | 0.69 | cps |
| Dysprosium | 156-2 | 28375 | 28402 | 27965 | 28247 | 0.87 | cps |
| Erbium | 164-1 | 25380 | 26291 | 25660 | 25777 | 1.81 | cps |
| Erbium | 164-2 | 18355 | 18713 | 19020 | 18696 | 1.78 | cps |
| Gadolinium | 160-1 | 32287 | 32157 | 31786 | 32077 | 0.81 | cps |
| Gadolinium | 160-2 | 24481 | 24729 | 24622 | 24611 | 0.50 | cps |
| Holmium | 165-1 | 16863491 | 15733933 | 16870774 | 16489399 | 3.97 | cps |
| Holmium | 165-2 | 11940815 | 12075400 | 11941883 | 11986033 | 0.65 | cps |
| Indium | 115-1 | 13554582 | 12913936 | 13848497 | 13439005 | 3.56 | cps |
| Indium | 115-2 | 5120023 | 5034260 | 5033716 | 5062666 | 0.98 | cps |
| Iron | 56-2 | 72805429 | 72176311 | 71867169 | 72282969 | 0.66 | cps |
| Iron | 57-2 | 1794293 | 1779353 | 1797693 | 1790446 | 0.54 | cps |
| Iron | 54-2 | 3944244 | 3973483 | 3901176 | 3939634 | 0.92 | cps |
| Krypton | 83-1 | 260 | 230 | 240 | 243 | 6.28 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 140090 | 142239 | 139612 | 140647 | 0.99 | cps |
| Lead | 207-1 | 119063 | 120142 | 119177 | 119461 | 0.50 | cps |
| Lead | 208-1 | 550295 | 557217 | 548876 | 552130 | 0.81 | cps |
| Lithium | 6-1 | 1987843 | 1942073 | 2033785 | 1987901 | 2.31 | cps |
| Magnesium | 24-2 | 1938794 | 1901759 | 1921330 | 1920628 | 0.96 | cps |
| Manganese | 55-2 | 1662665 | 1682544 | 1634336 | 1659849 | 1.46 | cps |
| Molybdenum | 94-1 | 25930 | 27079 | 25663 | 26224 | 2.87 | cps |
| Molybdenum | 95-1 | 5248 | 5094 | 5091 | 5144 | 1.74 | cps |
| Molybdenum | 96-1 | 10544 | 10214 | 10571 | 10443 | 1.90 | cps |
| Molybdenum | 97-1 | 3280 | 3384 | 3320 | 3328 | 1.57 | cps |
| Molybdenum | 98-1 | 8352 | 8589 | 8716 | 8553 | 2.16 | cps |
| Neodymium | 150-1 | 58233 | 57015 | 57962 | 57736 | 1.11 | cps |
| Neodymium | 150-2 | 34913 | 35254 | 35257 | 35141 | 0.56 | cps |
| Nickel | 60-2 | 28454 | 29045 | 28394 | 28631 | 1.26 | cps |
| Phosphorus | 31-2 | 16549 | 16255 | 16315 | 16373 | 0.95 | cps |
| Potassium | 39-2 | 719326 | 712272 | 712547 | 714715 | 0.56 | cps |
| Rhodium | 103-1 | 12682824 | 11949689 | 12732038 | 12454850 | 3.52 | cps |
| Rhodium | 103-2 | 7497294 | 7565632 | 7511909 | 7524945 | 0.48 | cps |
| Scandium | 45-1 | 7361106 | 6883256 | 7349824 | 7198062 | 3.79 | cps |
| Scandium | 45-2 | 633423 | 626979 | 629210 | 629870 | 0.52 | cps |
| Selenium | 82-1 | 193 | 258 | 261 | 237 | 16.16 | cps |
| Selenium | 77-2 | 77 | 77 | 123 | 92 | 29.22 | cps |
| Selenium | 78-2 | 607 | 550 | 530 | 562 | 7.07 | cps |
| Silicon | 28-1 | 4738659 | 5048428 | 5282472 | 5023186 | 5.43 | cps |
| Silver | 107-1 | 1213 | 1387 | 1307 | 1302 | 6.66 | cps |
| Silver | 109-1 | 1227 | 1297 | 1200 | 1241 | 4.02 | cps |
| Sodium | 23-2 | 5777589 | 5701093 | 5768981 | 5749221 | 0.73 | cps |
| Strontium | 86-1 | 146961 | 144013 | 144359 | 145111 | 1.11 | cps |
| Strontium | 88-1 | 1250744 | 1255421 | 1250540 | 1252235 | 0.22 | cps |
| Sulfur | 34-1 | 224251 | 224424 | 226469 | 225048 | 0.55 | cps |
| Terbium | 159-1 | 17360820 | 16441028 | 17475434 | 17092427 | 3.32 | cps |
| Terbium | 159-2 | 11792763 | 11814056 | 11822713 | 11809844 | 0.13 | cps |
| Thallium | 203-1 | 933 | 1043 | 953 | 977 | 6.00 | cps |
| Thallium | 205-1 | 2390 | 2557 | 2400 | 2449 | 3.82 | cps |
| Tin | 118-1 | 13473 | 13687 | 13556 | 13572 | 0.79 | cps |
| Titanium | 47-1 | 852324 | 849696 | 848278 | 850099 | 0.24 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13290 | 13337 | 13460 | 13362 | 0.66 | cps |
| Vanadium | 51-2 | 204850 | 205410 | 202935 | 204398 | 0.63 | cps |
| Yttrium | 89-1 | 21012120 | 19978590 | 21404347 | 20798352 | 3.54 | cps |
| Yttrium | 89-2 | 5724757 | 5701461 | 5704347 | 5710188 | 0.22 | cps |
| Zinc | 66-2 | 48913 | 48542 | 49074 | 48843 | 0.56 | cps |
| Zirconium | 90-1 | 62629 | 63302 | 65834 | 63922 | 2.64 | cps |
| Zirconium | 91-1 | 13743 | 14097 | 14087 | 13976 | 1.44 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1630304 | 1620651 | 1599761 | 1616905 | 0.97 | cps |
| Antimony | 121-1 | 60393 | 61846 | 59747 | 60662 | 1.77 | cps |
| Arsenic | 75-2 | 15508 | 15582 | 15962 | 15684 | 1.55 | cps |
| Barium | 135-1 | 38556 | 39027 | 39157 | 38913 | 0.81 | cps |
| Barium | 137-1 | 68145 | 68404 | 66900 | 67816 | 1.19 | cps |
| Beryllium | 9-1 | 307 | 327 | 300 | 311 | 4.46 | cps |
| Bismuth | 209-1 | 10028824 | 10035192 | 10045307 | 10036441 | 0.08 | cps |
| Bismuth | 209-2 | 8483970 | 8406404 | 8458038 | 8449471 | 0.47 | cps |
| Bromine | 81-1 | 30177 | 30532 | 30638 | 30449 | 0.79 | cps |
| Bromine | 81-2 | 3220 | 3440 | 3460 | 3374 | 3.95 | cps |
| Cadmium | 108-1 | 60 | 87 | 67 | 71 | 19.52 | cps |
| Cadmium | 106-1 | 4954 | 4941 | 4624 | 4840 | 3.86 | cps |
| Cadmium | 111-1 | 1365 | 1302 | 1249 | 1305 | 4.44 | cps |
| Calcium | 43-1 | 105809 | 104839 | 105117 | 105255 | 0.47 | cps |
| Calcium | 44-1 | 1653098 | 1656326 | 1671565 | 1660329 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 84639 | 84304 | 84391 | 84445 | 0.21 | cps |
| Cobalt | 59-2 | 55198 | 54147 | 54177 | 54507 | 1.10 | cps |
| Copper | 63-2 | 292527 | 292121 | 293406 | 292685 | 0.22 | cps |
| Dysprosium | 156-1 | 22241 | 22495 | 22919 | 22552 | 1.52 | cps |
| Dysprosium | 156-2 | 18996 | 18693 | 18672 | 18787 | 0.97 | cps |
| Erbium | 164-1 | 18232 | 18496 | 18506 | 18411 | 0.84 | cps |
| Erbium | 164-2 | 13483 | 13113 | 13407 | 13334 | 1.47 | cps |
| Gadolinium | 160-1 | 21954 | 22224 | 21804 | 21994 | 0.97 | cps |
| Gadolinium | 160-2 | 17368 | 17244 | 17424 | 17345 | 0.53 | cps |
| Holmium | 165-1 | 16624632 | 16809410 | 16650501 | 16694848 | 0.60 | cps |
| Holmium | 165-2 | 11894740 | 11746049 | 11898343 | 11846377 | 0.73 | cps |
| Indium | 115-1 | 13509430 | 13413520 | 13515474 | 13479475 | 0.42 | cps |
| Indium | 115-2 | 5029221 | 4932645 | 4996657 | 4986174 | 0.99 | cps |
| Iron | 56-2 | 63177292 | 62895066 | 63584557 | 63218972 | 0.55 | cps |
| Iron | 57-2 | 1592202 | 1571707 | 1590710 | 1584873 | 0.72 | cps |
| Iron | 54-2 | 3455892 | 3466784 | 3459086 | 3460587 | 0.16 | cps |
| Krypton | 83-1 | 250 | 267 | 233 | 250 | 6.67 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 235979 | 235950 | 240408 | 237446 | 1.08 | cps |
| Lead | 207-1 | 201337 | 206254 | 204070 | 203887 | 1.21 | cps |
| Lead | 208-1 | 928028 | 934573 | 940350 | 934317 | 0.66 | cps |
| Lithium | 6-1 | 2004922 | 2010857 | 1985968 | 2000582 | 0.65 | cps |
| Magnesium | 24-2 | 1936673 | 1896658 | 1907654 | 1913661 | 1.08 | cps |
| Manganese | 55-2 | 646096 | 638939 | 643471 | 642835 | 0.56 | cps |
| Molybdenum | 94-1 | 19727 | 20121 | 19911 | 19920 | 0.99 | cps |
| Molybdenum | 95-1 | 3210 | 3194 | 3057 | 3154 | 2.67 | cps |
| Molybdenum | 96-1 | 7078 | 7212 | 6652 | 6981 | 4.19 | cps |
| Molybdenum | 97-1 | 1843 | 1900 | 1900 | 1881 | 1.74 | cps |
| Molybdenum | 98-1 | 5194 | 5044 | 4861 | 5033 | 3.32 | cps |
| Neodymium | 150-1 | 37249 | 37156 | 38041 | 37482 | 1.30 | cps |
| Neodymium | 150-2 | 22765 | 22889 | 23129 | 22928 | 0.81 | cps |
| Nickel | 60-2 | 36969 | 36361 | 35405 | 36245 | 2.17 | cps |
| Phosphorus | 31-2 | 11268 | 11521 | 11434 | 11408 | 1.13 | cps |
| Potassium | 39-2 | 813706 | 812504 | 812692 | 812968 | 0.08 | cps |
| Rhodium | 103-1 | 12700808 | 12389805 | 12436615 | 12509076 | 1.34 | cps |
| Rhodium | 103-2 | 7573404 | 7440220 | 7426184 | 7479936 | 1.09 | cps |
| Scandium | 45-1 | 7212011 | 7150910 | 7056161 | 7139694 | 1.10 | cps |
| Scandium | 45-2 | 624672 | 621976 | 621000 | 622549 | 0.31 | cps |
| Selenium | 82-1 | 192 | 230 | 230 | 217 | 10.02 | cps |
| Selenium | 77-2 | 77 | 100 | 40 | 72 | 41.88 | cps |
| Selenium | 78-2 | 470 | 500 | 527 | 499 | 5.68 | cps |
| Silicon | 28-1 | 5521075 | 5235823 | 4920628 | 5225842 | 5.75 | cps |
| Silver | 107-1 | 2757 | 2800 | 2740 | 2766 | 1.12 | cps |
| Silver | 109-1 | 2564 | 2550 | 2674 | 2596 | 2.61 | cps |
| Sodium | 23-2 | 4399458 | 4380875 | 4351339 | 4377224 | 0.55 | cps |
| Strontium | 86-1 | 111025 | 112069 | 113352 | 112149 | 1.04 | cps |
| Strontium | 88-1 | 968709 | 977561 | 973050 | 973107 | 0.45 | cps |
| Sulfur | 34-1 | 218276 | 218361 | 216596 | 217744 | 0.46 | cps |
| Terbium | 159-1 | 17259330 | 17142124 | 16803049 | 17068167 | 1.39 | cps |
| Terbium | 159-2 | 11799861 | 11864867 | 11722913 | 11795881 | 0.60 | cps |
| Thallium | 203-1 | 1720 | 1593 | 1710 | 1675 | 4.21 | cps |
| Thallium | 205-1 | 3771 | 3821 | 3831 | 3807 | 0.84 | cps |
| Tin | 118-1 | 29841 | 30486 | 30162 | 30163 | 1.07 | cps |
| Titanium | 47-1 | 501078 | 511647 | 512094 | 508273 | 1.23 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 12596 | 12873 | 12900 | 12790 | 1.31 | cps |
| Vanadium | 51-2 | 126901 | 127466 | 127123 | 127163 | 0.22 | cps |
| Yttrium | 89-1 | 20670545 | 20617677 | 20570287 | 20619503 | 0.24 | cps |
| Yttrium | 89-2 | 5677726 | 5564704 | 5685094 | 5642508 | 1.20 | cps |
| Zinc | 66-2 | 63836 | 63036 | 65034 | 63968 | 1.57 | cps |
| Zirconium | 90-1 | 51502 | 48677 | 48809 | 49663 | 3.21 | cps |
| Zirconium | 91-1 | 10964 | 11551 | 10737 | 11084 | 3.79 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:52:40 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2020911 | 2003031 | 2018160 | 2014034 | 0.48 | cps |
| Antimony | 121-1 | 4767 | 4641 | 4534 | 4647 | 2.51 | cps |
| Arsenic | 75-2 | 4234 | 4444 | 4341 | 4340 | 2.42 | cps |
| Barium | 135-1 | 42988 | 43372 | 42784 | 43048 | 0.69 | cps |
| Barium | 137-1 | 74162 | 74815 | 74934 | 74637 | 0.56 | cps |
| Beryllium | 9-1 | 400 | 383 | 377 | 387 | 3.11 | cps |
| Bismuth | 209-1 | 10024058 | 10073549 | 9987907 | 10028505 | 0.43 | cps |
| Bismuth | 209-2 | 8594544 | 8503929 | 8567738 | 8555404 | 0.54 | cps |
| Bromine | 81-1 | 28144 | 29576 | 29867 | 29196 | 3.16 | cps |
| Bromine | 81-2 | 3070 | 3150 | 3184 | 3135 | 1.86 | cps |
| Cadmium | 108-1 | 100 | 97 | 117 | 104 | 10.26 | cps |
| Cadmium | 106-1 | 5048 | 5111 | 4908 | 5022 | 2.07 | cps |
| Cadmium | 111-1 | 1324 | 1352 | 1274 | 1317 | 3.03 | cps |
| Calcium | 43-1 | 153659 | 154497 | 152774 | 153643 | 0.56 | cps |
| Calcium | 44-1 | 2390902 | 2445232 | 2457564 | 2431233 | 1.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 75173 | 74305 | 74928 | 74802 | 0.60 | cps |
| Cobalt | 59-2 | 52903 | 51458 | 52558 | 52306 | 1.44 | cps |
| Copper | 63-2 | 134514 | 132419 | 133028 | 133320 | 0.81 | cps |
| Dysprosium | 156-1 | 36738 | 37904 | 37340 | 37327 | 1.56 | cps |
| Dysprosium | 156-2 | 32280 | 31853 | 32451 | 32195 | 0.96 | cps |
| Erbium | 164-1 | 29698 | 29671 | 29782 | 29717 | 0.19 | cps |
| Erbium | 164-2 | 20719 | 21286 | 21577 | 21194 | 2.06 | cps |
| Gadolinium | 160-1 | 35933 | 36273 | 36715 | 36307 | 1.08 | cps |
| Gadolinium | 160-2 | 27918 | 28552 | 27383 | 27951 | 2.09 | cps |
| Holmium | 165-1 | 16903124 | 16802509 | 16384400 | 16696678 | 1.65 | cps |
| Holmium | 165-2 | 11922076 | 11892948 | 11909381 | 11908135 | 0.12 | cps |
| Indium | 115-1 | 13518005 | 13377211 | 13304995 | 13400070 | 0.81 | cps |
| Indium | 115-2 | 4939821 | 4929576 | 4995390 | 4954929 | 0.71 | cps |
| Iron | 56-2 | 78275836 | 77273499 | 77455812 | 77668382 | 0.69 | cps |
| Iron | 57-2 | 1964316 | 1943955 | 1921519 | 1943263 | 1.10 | cps |
| Iron | 54-2 | 4295619 | 4227769 | 4267033 | 4263474 | 0.80 | cps |
| Krypton | 83-1 | 237 | 270 | 193 | 233 | 16.48 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:52:40 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 55088 | 56289 | 55637 | 55671 | 1.08 | cps |
| Lead | 207-1 | 46044 | 46402 | 47078 | 46508 | 1.13 | cps |
| Lead | 208-1 | 215824 | 215959 | 213297 | 215027 | 0.70 | cps |
| Lithium | 6-1 | 2012753 | 2002554 | 1971290 | 1995532 | 1.08 | cps |
| Magnesium | 24-2 | 2083017 | 2060283 | 2065280 | 2069527 | 0.58 | cps |
| Manganese | 55-2 | 732589 | 727769 | 726720 | 729026 | 0.43 | cps |
| Molybdenum | 94-1 | 46998 | 47982 | 47347 | 47442 | 1.05 | cps |
| Molybdenum | 95-1 | 6798 | 6888 | 7158 | 6948 | 2.70 | cps |
| Molybdenum | 96-1 | 16166 | 15855 | 15612 | 15878 | 1.75 | cps |
| Molybdenum | 97-1 | 4344 | 4484 | 4397 | 4408 | 1.60 | cps |
| Molybdenum | 98-1 | 11128 | 11521 | 11608 | 11419 | 2.24 | cps |
| Neodymium | 150-1 | 66486 | 66529 | 65943 | 66319 | 0.49 | cps |
| Neodymium | 150-2 | 41401 | 40729 | 40267 | 40799 | 1.40 | cps |
| Nickel | 60-2 | 27455 | 27863 | 27515 | 27611 | 0.80 | cps |
| Phosphorus | 31-2 | 18468 | 18091 | 18455 | 18338 | 1.17 | cps |
| Potassium | 39-2 | 741420 | 729347 | 726999 | 732589 | 1.06 | cps |
| Rhodium | 103-1 | 12434316 | 12260340 | 12218075 | 12304244 | 0.93 | cps |
| Rhodium | 103-2 | 7407429 | 7401569 | 7410657 | 7406551 | 0.06 | cps |
| Scandium | 45-1 | 7146972 | 7095456 | 7051704 | 7098044 | 0.67 | cps |
| Scandium | 45-2 | 623208 | 620784 | 615968 | 619987 | 0.59 | cps |
| Selenium | 82-1 | 247 | 215 | 239 | 234 | 7.11 | cps |
| Selenium | 77-2 | 130 | 107 | 107 | 114 | 11.77 | cps |
| Selenium | 78-2 | 557 | 523 | 447 | 509 | 11.08 | cps |
| Silicon | 28-1 | 4699703 | 4383868 | 4367950 | 4483840 | 4.17 | cps |
| Silver | 107-1 | 707 | 827 | 860 | 798 | 10.11 | cps |
| Silver | 109-1 | 753 | 727 | 693 | 724 | 4.15 | cps |
| Sodium | 23-2 | 4649311 | 4600667 | 4588518 | 4612832 | 0.70 | cps |
| Strontium | 86-1 | 166952 | 165693 | 164848 | 165831 | 0.64 | cps |
| Strontium | 88-1 | 1420286 | 1464194 | 1470547 | 1451676 | 1.89 | cps |
| Sulfur | 34-1 | 301223 | 301005 | 303198 | 301809 | 0.40 | cps |
| Terbium | 159-1 | 17062359 | 16988134 | 16910246 | 16986913 | 0.45 | cps |
| Terbium | 159-2 | 11920221 | 11719965 | 11610664 | 11750283 | 1.34 | cps |
| Thallium | 203-1 | 1203 | 1223 | 1143 | 1190 | 3.50 | cps |
| Thallium | 205-1 | 2624 | 2797 | 2877 | 2766 | 4.68 | cps |
| Tin | 118-1 | 7749 | 7779 | 7916 | 7814 | 1.14 | cps |
| Titanium | 47-1 | 735447 | 732069 | 730932 | 732816 | 0.32 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:52:40 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 24960 | 24893 | 24763 | 24872 | 0.40 | cps |
| Vanadium | 51-2 | 203181 | 204161 | 201405 | 202916 | 0.69 | cps |
| Yttrium | 89-1 | 20810236 | 20764884 | 20514730 | 20696617 | 0.77 | cps |
| Yttrium | 89-2 | 5630303 | 5597781 | 5584918 | 5604334 | 0.42 | cps |
| Zinc | 66-2 | 37474 | 37216 | 37824 | 37505 | 0.81 | cps |
| Zirconium | 90-1 | 117307 | 118554 | 126973 | 120945 | 4.35 | cps |
| Zirconium | 91-1 | 27970 | 26193 | 26658 | 26940 | 3.42 | cps |



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Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:55:52 | DataFile Name : | 113CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12915651 | 12836667 | 12899351 | 12883890 | 0.32 | cps |
| Antimony | 121-1 | 6019240 | 5906720 | 5933826 | 5953262 | 0.99 | cps |
| Arsenic | 75-2 | 282855 | 281293 | 280904 | 281684 | 0.37 | cps |
| Barium | 135-1 | 7741669 | 7730172 | 7612970 | 7694937 | 0.93 | cps |
| Barium | 137-1 | 13198159 | 13193847 | 13206395 | 13199467 | 0.05 | cps |
| Beryllium | 9-1 | 675196 | 668054 | 662990 | 668746 | 0.92 | cps |
| Bismuth | 209-1 | 8862540 | 8971491 | 8897796 | 8910609 | 0.62 | cps |
| Bismuth | 209-2 | 7556129 | 7492299 | 7459791 | 7502740 | 0.65 | cps |
| Bromine | 81-1 | 14390 | 13753 | 13249 | 13798 | 4.14 | cps |
| Bromine | 81-2 | 297 | 313 | 303 | 304 | 2.76 | cps |
| Cadmium | 108-1 | 106484 | 107347 | 104966 | 106265 | 1.13 | cps |
| Cadmium | 106-1 | 153794 | 154626 | 154408 | 154276 | 0.28 | cps |
| Cadmium | 111-1 | 1442310 | 1448307 | 1440685 | 1443767 | 0.28 | cps |
| Calcium | 43-1 | 7313812 | 7127037 | 7236465 | 7225771 | 1.30 | cps |
| Calcium | 44-1 | 117762988 | 115177292 | 115246272 | 116062184 | 1.27 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2182066 | 2175664 | 2176042 | 2177924 | 0.16 | cps |
| Cobalt | 59-2 | 3352400 | 3365992 | 3329921 | 3349438 | 0.54 | cps |
| Copper | 63-2 | 23500707 | 23427125 | 23420888 | 23449574 | 0.19 | cps |
| Dysprosium | 156-1 | 373 | 297 | 303 | 324 | 13.09 | cps |
| Dysprosium | 156-2 | 423 | 507 | 503 | 478 | 9.88 | cps |
| Erbium | 164-1 | 360 | 323 | 303 | 329 | 8.74 | cps |
| Erbium | 164-2 | 257 | 260 | 257 | 258 | 0.75 | cps |
| Gadolinium | 160-1 | 307 | 283 | 233 | 274 | 13.65 | cps |
| Gadolinium | 160-2 | 733 | 833 | 747 | 771 | 7.04 | cps |
| Holmium | 165-1 | 15563624 | 15472731 | 15357362 | 15464573 | 0.67 | cps |
| Holmium | 165-2 | 11102767 | 11128198 | 11025772 | 11085579 | 0.48 | cps |
| Indium | 115-1 | 11761490 | 11606138 | 11460883 | 11609504 | 1.29 | cps |
| Indium | 115-2 | 4339463 | 4263720 | 4203142 | 4268775 | 1.60 | cps |
| Iron | 56-2 | 510697806 | 510135926 | 506559886 | 509131206 | 0.44 | cps |
| Iron | 57-2 | 12769864 | 12720166 | 12723463 | 12737831 | 0.22 | cps |
| Iron | 54-2 | 27558851 | 27810411 | 27701670 | 27690311 | 0.46 | cps |
| Krypton | 83-1 | 200 | 240 | 217 | 219 | 9.18 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:55:52 | DataFile Name : | 113CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23439233 | 23893861 | 23631495 | 23654863 | 0.96 | cps |
| Lead | 207-1 | 20458493 | 20878275 | 20651352 | 20662707 | 1.02 | cps |
| Lead | 208-1 | 93347879 | 95298124 | 93969481 | 94205161 | 1.06 | cps |
| Lithium | 6-1 | 1838940 | 1803927 | 1830723 | 1824530 | 1.00 | cps |
| Magnesium | 24-2 | 97115649 | 97173475 | 97032385 | 97107170 | 0.07 | cps |
| Manganese | 55-2 | 17718518 | 17736379 | 17666871 | 17707256 | 0.20 | cps |
| Molybdenum | 94-1 | 20215706 | 20130805 | 19777521 | 20041344 | 1.16 | cps |
| Molybdenum | 95-1 | 29252103 | 29157660 | 28809112 | 29072958 | 0.80 | cps |
| Molybdenum | 96-1 | 32182060 | 32146170 | 31657207 | 31995145 | 0.92 | cps |
| Molybdenum | 97-1 | 18350634 | 18293619 | 17976342 | 18206865 | 1.11 | cps |
| Molybdenum | 98-1 | 47586354 | 47076271 | 46469889 | 47044172 | 1.19 | cps |
| Neodymium | 150-1 | 507 | 537 | 483 | 509 | 5.25 | cps |
| Neodymium | 150-2 | 187 | 150 | 167 | 168 | 10.94 | cps |
| Nickel | 60-2 | 798064 | 800718 | 798627 | 799136 | 0.18 | cps |
| Phosphorus | 31-2 | 113053 | 111838 | 112916 | 112602 | 0.59 | cps |
| Potassium | 39-2 | 62986999 | 62912186 | 63299541 | 63066242 | 0.33 | cps |
| Rhodium | 103-1 | 10422695 | 10303336 | 10068707 | 10264913 | 1.75 | cps |
| Rhodium | 103-2 | 6128486 | 6092028 | 6073710 | 6098075 | 0.46 | cps |
| Scandium | 45-1 | 6292538 | 6168234 | 6093567 | 6184780 | 1.63 | cps |
| Scandium | 45-2 | 527365 | 528257 | 524212 | 526612 | 0.40 | cps |
| Selenium | 82-1 | 85432 | 84592 | 84155 | 84727 | 0.77 | cps |
| Selenium | 77-2 | 9006 | 8756 | 8893 | 8885 | 1.41 | cps |
| Selenium | 78-2 | 29483 | 30037 | 30011 | 29843 | 1.05 | cps |
| Silicon | 28-1 | 7421831 | 7284871 | 7261114 | 7322605 | 1.18 | cps |
| Silver | 107-1 | 7119402 | 7243162 | 7091764 | 7151443 | 1.13 | cps |
| Silver | 109-1 | 6938981 | 6822225 | 6774583 | 6845263 | 1.24 | cps |
| Sodium | 23-2 | 159263624 | 158657048 | 159660184 | 159193619 | 0.32 | cps |
| Strontium | 86-1 | 1859525 | 1839201 | 1835883 | 1844870 | 0.69 | cps |
| Strontium | 88-1 | 16304193 | 16121060 | 16037688 | 16154314 | 0.84 | cps |
| Sulfur | 34-1 | 557496 | 544948 | 539412 | 547285 | 1.69 | cps |
| Terbium | 159-1 | 15924154 | 15835658 | 16068868 | 15942893 | 0.74 | cps |
| Terbium | 159-2 | 10959383 | 10809637 | 10680245 | 10816422 | 1.29 | cps |
| Thallium | 203-1 | 5838477 | 5942468 | 5932639 | 5904528 | 0.97 | cps |
| Thallium | 205-1 | 13903579 | 14110699 | 14236387 | 14083555 | 1.19 | cps |
| Tin | 118-1 | 4917929 | 4909438 | 4864683 | 4897350 | 0.58 | cps |
| Titanium | 47-1 | 6843866 | 6772332 | 6683343 | 6766514 | 1.19 | cps |



1830

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:55:52 | DataFile Name : | 113CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18256803 | 18675569 | 18436324 | 18456232 | 1.14 | cps |
| Vanadium | 51-2 | 1936731 | 1902562 | 1948320 | 1929204 | 1.23 | cps |
| Yttrium | 89-1 | 18278421 | 17946562 | 17671645 | 17965543 | 1.69 | cps |
| Yttrium | 89-2 | 4867044 | 4901685 | 4749343 | 4839357 | 1.65 | cps |
| Zinc | 66-2 | 4050940 | 4024704 | 4040841 | 4038828 | 0.33 | cps |
| Zirconium | 90-1 | 10088168 | 9993173 | 9864380 | 9981907 | 1.13 | cps |
| Zirconium | 91-1 | 2214391 | 2232808 | 2197324 | 2214841 | 0.80 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 60 | 67 | 87 | 71 | 19.52 | cps |
| Antimony | 121-1 | 630 | 520 | 373 | 508 | 25.37 | cps |
| Arsenic | 75-2 | 37 | 13 | 7 | 19 | 83.40 | cps |
| Barium | 135-1 | 137 | 40 | 77 | 84 | 57.79 | cps |
| Barium | 137-1 | 163 | 70 | 60 | 98 | 58.29 | cps |
| Beryllium | 9-1 | 80 | 117 | 63 | 87 | 31.49 | cps |
| Bismuth | 209-1 | 9993235 | 9859373 | 9961518 | 9938042 | 0.70 | cps |
| Bismuth | 209-2 | 8370753 | 8324675 | 8483471 | 8392966 | 0.97 | cps |
| Bromine | 81-1 | 15091 | 15211 | 14848 | 15050 | 1.23 | cps |
| Bromine | 81-2 | 337 | 387 | 337 | 353 | 8.17 | cps |
| Cadmium | 108-1 | 17 | 7 | 7 | 10 | 57.72 | cps |
| Cadmium | 106-1 | 4747 | 4267 | 4174 | 4396 | 7.00 | cps |
| Cadmium | 111-1 | 998 | 866 | 854 | 906 | 8.85 | cps |
| Calcium | 43-1 | 203 | 197 | 207 | 202 | 2.52 | cps |
| Calcium | 44-1 | 6418 | 5504 | 5711 | 5878 | 8.15 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2114 | 2077 | 2134 | 2108 | 1.36 | cps |
| Cobalt | 59-2 | 100 | 67 | 123 | 97 | 29.46 | cps |
| Copper | 63-2 | 1277 | 1300 | 1317 | 1298 | 1.55 | cps |
| Dysprosium | 156-1 | 13 | 7 | 17 | 12 | 41.65 | cps |
| Dysprosium | 156-2 | 7 | 7 | 3 | 6 | 34.70 | cps |
| Erbium | 164-1 | 93 | 80 | 93 | 89 | 8.66 | cps |
| Erbium | 164-2 | 57 | 47 | 30 | 44 | 30.31 | cps |
| Gadolinium | 160-1 | 33 | 33 | 57 | 41 | 32.78 | cps |
| Gadolinium | 160-2 | 617 | 533 | 610 | 587 | 7.89 | cps |
| Holmium | 165-1 | 15879841 | 16144702 | 15987375 | 16003973 | 0.83 | cps |
| Holmium | 165-2 | 11423445 | 11490299 | 11452726 | 11455490 | 0.29 | cps |
| Indium | 115-1 | 12822391 | 12875727 | 12692472 | 12796864 | 0.74 | cps |
| Indium | 115-2 | 4789447 | 4746983 | 4791710 | 4776047 | 0.53 | cps |
| Iron | 56-2 | 20868 | 20684 | 23014 | 21522 | 6.02 | cps |
| Iron | 57-2 | 1107 | 1080 | 957 | 1048 | 7.64 | cps |
| Iron | 54-2 | 2407 | 2517 | 2524 | 2482 | 2.64 | cps |
| Krypton | 83-1 | 193 | 177 | 230 | 200 | 13.64 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1970 | 1607 | 1497 | 1691 | 14.65 | cps |
| Lead | 207-1 | 1800 | 1343 | 1427 | 1523 | 15.97 | cps |
| Lead | 208-1 | 7571 | 6174 | 6157 | 6634 | 12.23 | cps |
| Lithium | 6-1 | 1927299 | 1949851 | 1922542 | 1933231 | 0.75 | cps |
| Magnesium | 24-2 | 760 | 780 | 723 | 754 | 3.81 | cps |
| Manganese | 55-2 | 430 | 507 | 520 | 486 | 10.00 | cps |
| Molybdenum | 94-1 | 1354 | 370 | 437 | 720 | 76.36 | cps |
| Molybdenum | 95-1 | 1264 | 267 | 287 | 606 | 94.12 | cps |
| Molybdenum | 96-1 | 1141 | 380 | 503 | 675 | 60.51 | cps |
| Molybdenum | 97-1 | 610 | 243 | 183 | 346 | 66.86 | cps |
| Molybdenum | 98-1 | 1635 | 473 | 480 | 863 | 77.50 | cps |
| Neodymium | 150-1 | 7 | 7 | 7 | 7 | 0.00 | cps |
| Neodymium | 150-2 | 0 | 10 | 3 | 4 | 114.60 | cps |
| Nickel | 60-2 | 613 | 507 | 543 | 554 | 9.77 | cps |
| Phosphorus | 31-2 | 110 | 87 | 127 | 108 | 18.64 | cps |
| Potassium | 39-2 | 52534 | 52557 | 52199 | 52430 | 0.38 | cps |
| Rhodium | 103-1 | 11708076 | 11781134 | 11732833 | 11740681 | 0.32 | cps |
| Rhodium | 103-2 | 7042843 | 6973260 | 7103268 | 7039791 | 0.92 | cps |
| Scandium | 45-1 | 6613066 | 6550256 | 6565041 | 6576121 | 0.50 | cps |
| Scandium | 45-2 | 575615 | 574513 | 576769 | 575632 | 0.20 | cps |
| Selenium | 82-1 | 215 | 146 | 68 | 143 | 51.77 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 433 | 370 | 447 | 417 | 9.83 | cps |
| Silicon | 28-1 | 528236 | 532764 | 531581 | 530860 | 0.44 | cps |
| Silver | 107-1 | 300 | 153 | 143 | 199 | 44.10 | cps |
| Silver | 109-1 | 167 | 170 | 123 | 153 | 16.98 | cps |
| Sodium | 23-2 | 32197 | 31285 | 30777 | 31420 | 2.29 | cps |
| Strontium | 86-1 | 817 | 310 | 357 | 495 | 56.65 | cps |
| Strontium | 88-1 | 4004 | 307 | 247 | 1519 | 141.67 | cps |
| Sulfur | 34-1 | 170897 | 173429 | 173044 | 172457 | 0.79 | cps |
| Terbium | 159-1 | 16363742 | 16211141 | 16602624 | 16392502 | 1.20 | cps |
| Terbium | 159-2 | 11249357 | 11201213 | 11262332 | 11237634 | 0.29 | cps |
| Thallium | 203-1 | 340 | 330 | 333 | 334 | 1.52 | cps |
| Thallium | 205-1 | 817 | 840 | 830 | 829 | 1.41 | cps |
| Tin | 118-1 | 1320 | 1233 | 1197 | 1250 | 5.07 | cps |
| Titanium | 47-1 | 107 | 87 | 87 | 93 | 12.37 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30 | 20 | 13 | 21 | 39.75 | cps |
| Vanadium | 51-2 | 37 | 23 | 30 | 30 | 22.23 | cps |
| Yttrium | 89-1 | 19092625 | 18996541 | 19112839 | 19067335 | 0.33 | cps |
| Yttrium | 89-2 | 5197420 | 5199148 | 5258878 | 5218482 | 0.67 | cps |
| Zinc | 66-2 | 263 | 217 | 213 | 231 | 12.10 | cps |
| Zirconium | 90-1 | 1284 | 737 | 703 | 908 | 35.89 | cps |
| Zirconium | 91-1 | 243 | 200 | 157 | 200 | 21.67 | cps |

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# Prep Standard - Chemical Standard Summary

**Order ID :** P5254

**Test :** Metals CLP MS-CLP4,Metals CLP4 MS

**Prepbatch ID :** PB165756,PB165859,

**Sequence ID/Qc Batch ID:** LB134068,LB134112,LB134112,

**Standard ID :**
MP82128,MP83498,MP83499,MP83619,MP83620,MP83621,MP83622,MP83623,MP83625,MP83626,MP83627,MP836
28,MP83629,MP83630,MP83631,MP83632,MP83633,MP83634,MP83635,MP83636,MP83669,MP83670,MP83671,

**Chemical ID :**
M5192,M5288,M5289,M5295,M5304,M5390,M5476,M5497,M5498,M5513,M5515,M5516,M5519,M5658,M5697,M5698
,M5739,M5751,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M582
0,M5873,M5874,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M5993,M5999,M6021,M6023,M6025,M6028,M60
30,M6033,M6040,M6055,M6121,M6126,W3112,

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 641 | 1:4 HCL | MP82128 | 09/03/2024 | 02/08/2025 | Janvi Patel | None | None | Sarabjit Jaswal 09/03/2024 |

**FROM** 1500.00000ml of W3112 + 500.00000ml of M6040 = Final Quantity: 2000.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 169 | 1:1HNO3 | MP83498 | 12/09/2024 | 01/03/2025 | Janvi Patel | None | None | Sarabjit Jaswal 12/09/2024 |

**FROM** 1250.00000ml of M6126 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 170 | 1:1HCL | MP83499 | 12/09/2024 | 12/28/2024 | Eman Mughal | None | None | Sarabjit Jaswal 12/09/2024 |

**FROM** 1250.00000ml of M6121 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1122 | ICPMS CALIB BLANK(S0/ICB/CCB) | MP83619 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 25.00000ml of M6121 + 4925.00000ml of W3112 + 50.00000ml of M6126 = Final Quantity: 5000.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3947 | S7(SFAM,6020,200.8) | MP83620 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.10000ml of M5476 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6126 + 2.00000ml of M5815 + 2.00000ml of M5817 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6121 + 50.00000ml of M5304 + 832.50000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5751 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5769 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3948 | S6(SFAM,6020,200.8) | MP83621 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.50000ml of M6121 + 1.00000ml of M6126 + 48.50000ml of W3112 + 50.00000ml of MP83620 = Final Quantity: 100.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3949 | S5(SFAM,6020,200.8) | MP83622 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.50000ml of M6121 + 1.00000ml of M6126 + 73.50000ml of W3112 + 25.00000ml of MP83620 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3954 | S4(SFAM,6020,200.8) | MP83623 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.50000ml of M6121 + 1.00000ml of M6126 + 86.00000ml of W3112 + 12.50000ml of MP83620 = Final Quantity: 100.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3951 | S3(SFAM, 6020,200.8) | MP83625 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83621 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3955 | S2CONC(SFAM,6020,200.8) | MP83626 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | None | Mohan Bera 12/17/2024 |

**FROM** 0.05000ml of M5476 + 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5751 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6121 + 226.25000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 250.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3956 | S2(SFAM,6020,200.8) | MP83627 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.50000ml of M6121 + 1.00000ml of M6126 + 98.00000ml of W3112 + 0.50000ml of MP83626 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3957 | S1(SFAM,6020,200.8) | MP83628 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83627 = Final Quantity: 100.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3958 | ICV(SFAM) | MP83629 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 2.00000ml of M5295 + 98.00000ml of MP83619 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1142 | ICSA ICPMS | MP83630 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 10.00000ml of M5873 + 90.00000ml of MP83619 = Final Quantity: 100.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1143 | ICSAB ICPMS | MP83631 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83619 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3961 | CCV | MP83632 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.20000ml of M5513 + 0.50000ml of M5476 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 10.00000ml of M6126 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5516 + 24.95000ml of M5769 + 25.00000ml of M5304 + 4.50000ml of M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.50000ml of M5976 + 4.50000ml of M5978 + 4.95000ml of M6033 + 5.00000ml of M6121 + 826.10000ml of W3112 = Final Quantity: 1000.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3962 | MG 10PPM FOR TUNE | MP83633 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.01000ml of M5769 + 9.99000ml of MP83619 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3894 | TUNE 200PPB | MP83634 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 2.00000ml of M6055 + 2.00000ml of MP83633 + 96.00000ml of MP83619 = Final Quantity: 100.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3903 | ISS 3PPM | MP83635 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 5.00000ml of M6126 + 75.00000ml of M5739 + 170.00000ml of MP83619 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 2902 | S8 ICPMS | MP83636 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5516 + 5.00000ml of M5769 + 79.00000ml of MP83619 = Final Quantity: 100.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3964 | CONC.LCSS SPIKE | MP83669 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.25000ml of M5476 + 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5751 + 0.50000ml of M5802 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M5976 + 1.25000ml of M5978 + 1.25000ml of M6021 + 10.00000ml of M6126 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5768 + 12.50000ml of M5806 + 150.00000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 5.00000ml of M5515 + 5.00000ml of M6121 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3963 | CONC.LCSW SPIKE | MP83670 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5289 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.25000ml of M5192 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.00000ml of M5515 + 1.25000ml of M5816 + 1.25000ml of M5820 + 2.50000ml of M5497 + 2.50000ml of M5519 + 2.50000ml of M5768 + 2.50000ml of M5806 + 2.50000ml of M6121 + 225.50000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 250.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 870 | ICPMS SPIKE SOL.B | MP83671 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.45000ml of M5962 + 5.00000ml of M5993 + 5.00000ml of M5999 + 39.55000ml of MP83619 = Final Quantity: 50.000 ml

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57042 / Mo, 1000 PPM, 125 ml | 051722 | 05/17/2025 | 07/01/2022 / bin | 06/17/2022 / jaswal | M5192 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58119 / K, 10000 PPM, 500 ml | 071122 | 07/11/2025 | 09/01/2022 / jaswal | 07/21/2022 / jaswal | M5288 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58113 / Aluminum (Al) 10,000PPM | 070622 | 07/06/2025 | 09/02/2022 / jaswal | 07/12/2022 / jaswal | M5289 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| EPA | ICV-1 / ICV ( ICP/ICPMS ) STOCK SOLN | ICV-1014 | 02/05/2025 | 08/07/2024 / jaswal | 04/20/2021 / bin | M5295 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | 6020CAL-1 / Calibration Standard Method 6020 | S2-MEB711244 | 10/20/2026 | 08/07/2024 / jaswal | 04/01/2022 / jaswal | M5304 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57056 / Ba, 1000 PPM, 125 ml | 072122 | 07/21/2025 | 08/07/2024 / jaswal | 09/18/2022 / bin | M5390 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57138 / Sr, 10000 PPM, 125 ml | 082922 | 08/29/2025 | 07/29/2024 /jaswal | 03/16/2023 / jaswal | M5476 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58120 / Ca, 10000 PPM, 500 ml | 031523 | 03/15/2026 | 03/18/2023 / bin | 03/17/2023 / bin | M5497 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58120 / Ca, 10000 PPM, 500 ml | 031523 | 03/15/2026 | 08/15/2023 / jaswal | 03/17/2023 / bin | M5498 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57182 / Pb, 10000 PPM, 125 ml | 061522 | 06/15/2025 | 03/19/2023 / bin | 03/17/2023 / bin | M5513 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58126 / Fe, 10000 PPM, 500 ml | 092122 | 09/21/2025 | 08/01/2024 / Jaswal | 03/17/2023 / bin | M5515 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58111 / Na, 10000 PPM, 500 ml | 022123 | 11/06/2025 | 11/06/2024 / kareem | 03/17/2023 / bin | M5516 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57119 / Potassium (K) 10,000PPM | 120822 | 12/08/2025 | 01/08/2024 / bin | 03/17/2023 / bin | M5519 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58024 / Chromium, Cr, 500 ml, 1000 PPM | 060523 | 06/05/2026 | 08/28/2023 / jaswal | 08/25/2023 / jaswal | M5658 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58029 / Cu, 1000 PPM, 500 ml | 102523 | 10/25/2026 | 04/03/2024 / jaswal | 10/27/2023 / jaswal | M5697 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58025 / Mn, 1000 PPM, 500 ml | 102623 | 10/26/2026 | 04/18/2024 / jaswal | 10/27/2023 / jaswal | M5698 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | 6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y | T2-MEB709511 | 09/03/2026 | 08/07/2024 / jaswal | 04/11/2022 / jaswal | M5739 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58029 / Cu, 1000 PPM, 500 ml | 071723 | 07/17/2026 | 10/01/2024 / Jaswal | 08/25/2023 / jaswal | M5751 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58112 / Mg, 10000 PPM, 500 ml | 091823 | 09/18/2026 | 01/08/2024 / bin | 01/03/2024 / bin | M5768 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58112 / Mg, 10000 PPM, 500 ml | 091823 | 09/18/2026 | 05/24/2024 / Jaswal | 01/03/2024 / bin | M5769 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57004 / Be, 1000 PPM, 125 ml | 102523 | 10/25/2026 | 02/09/2024 / bin | 02/09/2024 / bin | M5798 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57050 / Sn, 1000 PPM, 125 ml | 071123 | 07/11/2026 | 02/09/2024 / bin | 02/09/2024 / bin | M5799 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57027 / CO, 1000 PPM, 125 ml | 091923 | 09/19/2026 | 05/31/2024 / bin | 02/09/2024 / bin | M5800 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57033 / As, 1000 PPM, 125 ml | 111323 | 11/13/2026 | 02/09/2024 / bin | 02/09/2024 / bin | M5801 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57051 / Sb, 1000 PPM, 125 ml | 120523 | 12/05/2026 | 08/07/2024 / jaswal | 01/03/2024 / jaswal | M5802 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58111 / Na, 10000 PPM, 500 ml | 122223 | 12/22/2026 | 08/01/2024 / Jaswal | 01/03/2024 / jaswal | M5806 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57115 / P, 10000 PPM, 125 ml | 041723 | 04/17/2026 | 05/21/2024 / Jaswal | 02/09/2024 / jaswal | M5815 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57016 / S, 1000 PPM, 125 ml | 122923 | 12/29/2026 | 05/20/2024 / Jaswal | 02/09/2024 / jaswal | M5816 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57116 / S, 10000 PPM, 125 ml | 071123 | 07/11/2026 | 03/01/2024 / jaswal | 02/09/2024 / jaswal | M5817 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57014 / Si, 1000 PPM, 125 ml | 122023 | 12/20/2026 | 03/06/2024 / jaswal | 02/09/2024 / jaswal | M5818 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58030 / Zinc, Zn, 500 ml, 1000 PPM | 111623 | 11/16/2026 | 03/20/2024 / jaswal | 02/09/2024 / jaswal | M5819 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57015 / P, 1000 PPM, 125 ml | 091123 | 09/11/2026 | 05/01/2024 / jaswal | 02/09/2024 / jaswal | M5820 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| EPA | PART A / ICSA ( ICPMS ) STOCK SOLN | CP-MS ICSA-0803 | 04/30/2025 | 04/17/2024 / jaswal | 07/14/2022 / jaswal | M5873 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| EPA | PART B / ICSB (ICPMS) STOCK SOLUTION | CP-MS ICSB-0803 | 04/30/2025 | 04/17/2024 / jaswal | 07/14/2022 / jaswal | M5874 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57028 / Ni, 1000 PPM, 125 ml | 041124 | 04/11/2027 | 07/02/2024 / Jaswal | 06/11/2024 / Jaswal | M5961 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57034 / Se, 1000 PPM, 125 ml | 060624 | 06/06/2027 | 07/02/2024 / Jaswal | 06/14/2024 / Jaswal | M5962 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL | T2-MO720876 | 07/17/2027 | 08/07/2024 / jaswal | 02/22/2024 / Jaswal | M5976 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CGTI1-1 / TITANIUM 125mL 1000ug/mL | T2-TI719972 | 06/17/2027 | 08/07/2024 / jaswal | 02/22/2024 / Jaswal | M5978 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57092 / U, 1000 PPM, 125 ml | 060724 | 06/07/2027 | 07/29/2024 / Jaswal | 06/11/2024 / Jaswal | M5981 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57038 / Sr, 1000 PPM, 125 ml | 031524 | 03/15/2027 | 07/01/2024 / Jaswal | 06/11/2024 / Jaswal | M5982 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57040 / Zr, 1000 PPM, 125 ml | 071423 | 07/14/2026 | 07/29/2024 / Jaswal | 06/11/2024 / Jaswal | M5983 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL | V2-MEB742036 | 03/12/2029 | 10/04/2024 / Jaswal | 02/22/2024 / Jaswal | M5993 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL | T2-MEB721963 | 07/27/2027 | 09/04/2024 / Jaswal | 02/22/2024 / kareem | M5999 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57023 / V, 1000 PPM, 125 ml | 062424 | 06/24/2027 | 09/28/2024 / jaswal | 08/05/2024 / Jaswal | M6021 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57081 / Tl, 1000 PPM, 125 ml | 0624724 | 06/27/2027 | 08/05/2024 / kareem | 08/05/2024 / Jaswal | M6023 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57082 / Pb, 1000 PPM, 125 ml | 061224 | 11/09/2026 | 08/05/2024 / Jaswal | 08/05/2024 / Jaswal | M6025 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57048 / Cd, 1000 PPM, 125 ml | 070124 | 07/01/2027 | 08/05/2024 / kareem | 08/05/2024 / Jaswal | M6028 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57047 / Ag, 1000 PPM, 125 ml | 122823 | 12/28/2026 | 08/05/2024 / kareem | 08/05/2024 / Jaswal | M6030 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58113 / Al, 10000 PPM, 500 ml | 011623 | 01/16/2026 | 08/07/2024 / Jaswal | 01/03/2024 / Jaswal | M6033 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L) | 24D1562005 | 02/08/2025 | 08/09/2024 /Janvi | 08/01/2024 / Janvi | M6040 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL | U2-MEB734294 | 06/21/2028 | 08/21/2024 / Jaswal | 08/19/2024 / Jaswal | M6055 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L) | 0000275677 | 05/13/2025 | 11/13/2024 / Eman | 10/13/2024 / Eman | M6121 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L) | 24D1062002 | 06/03/2025 | 12/03/2024 / Janvi | 11/12/2024 / Janvi | M6126 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | DIW / DI Water | Daily Lab-Certified | 07/03/2029 | 07/03/2024 / Iwona | 07/03/2024 / Iwona | W3112 |

# Certificate of Analysis

Refine your results. Redefine your industry. R: 02/22/24 M5991, M5992, M5993, M5994, M5995

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

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F: 540-585-3012
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## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | CLPP-SPK-4 |
| Lot Number: | V2-MEB742036 |
| Matrix: | 3% (v/v) HNO3 |
| Value / Analyte(s): | 100 µg/mL ea: Antimony, |
| | 50 µg/mL ea: Cadmium, Thallium, |
| | 40 µg/mL ea: Arsenic, |
| | 20 µg/mL ea: Lead, |
| | 10 µg/mL ea: Selenium |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| Antimony, Sb | 100.0 ± 0.7 µg/mL | Arsenic, As | 40.00 ± 0.26 µg/mL |
| Cadmium, Cd | 50.00 ± 0.22 µg/mL | Lead, Pb | 20.00 ± 0.09 µg/mL |
| Selenium, Se | 10.00 ± 0.04 µg/mL | Thallium, Tl | 50.00 ± 0.22 µg/mL |

**Density:** 1.016 g/mL (measured at 20 ± 4 °C)

**Assay Information:**



1857

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| As | ICP Assay | 3103a | 100818 |
| Cd | ICP Assay | 3108 | 130116 |
| Cd | EDTA | 928 | 928 |
| Cd | Calculated | | See Sec. 4.2 |
| Pb | ICP Assay | 3128 | 101026 |
| Pb | EDTA | 928 | 928 |
| Pb | Calculated | | See Sec. 4.2 |
| Sb | ICP Assay | 3102a | 140911 |
| Se | ICP Assay | 3149 | 100901 |
| Se | Calculated | | See Sec. 4.2 |
| Tl | ICP Assay | 3158 | 151215 |
| Tl | Calculated | | See Sec. 4.2 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

**6.1** This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

**6.2** For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

March 12, 2024

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- March 12, 2029**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Joseph Burns
Custom VS Manager



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

R 8/15/24

M6028

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1861

## CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57048** | | **Lot #** | | |
| **Lot Number:** | **070124** | **Solvent:** | 24002546 | Nitric Acid | |
| **Description:** | **Cadmium (Cd)** | | | | |
| | | 2% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 070127 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 2000.07 | 0.100 | Flask Uncertainty | | |

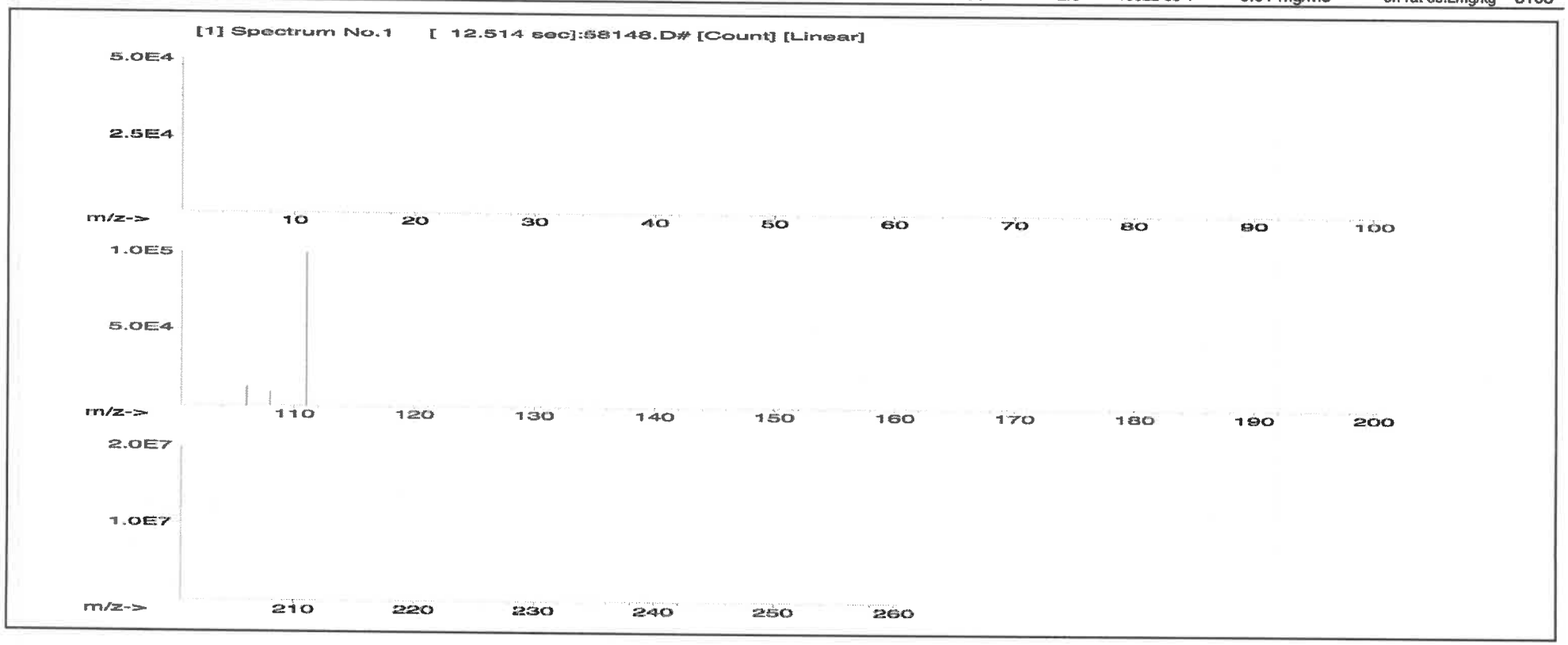
Aleah O'Brady

| | | |
|---|---|---|
| Formulated By: | Aleah O'Brady | 070124 |

Pedro Rentas

| | | |
|---|---|---|
| Reviewed By: | Pedro L. Rentas | 070124 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Cadmium nitrate tetrahydrate (Cd) | IN024 | CDM092021A1 | 1000 | 99.999 | 0.10 | 36.5 | 5.4797 | 5.4804 | **1000.1** | **2.0** | 10022-68-1 | 0.01 mg/m3 | orl-rat 60.2mg/kg | 3108 |



1862

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | T | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24 M6025

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1863

CERTIFIED WEIGHT REPORT:

**Part Number:** 57182
**Lot Number:** 110923
**Description:** Lead (Pb)

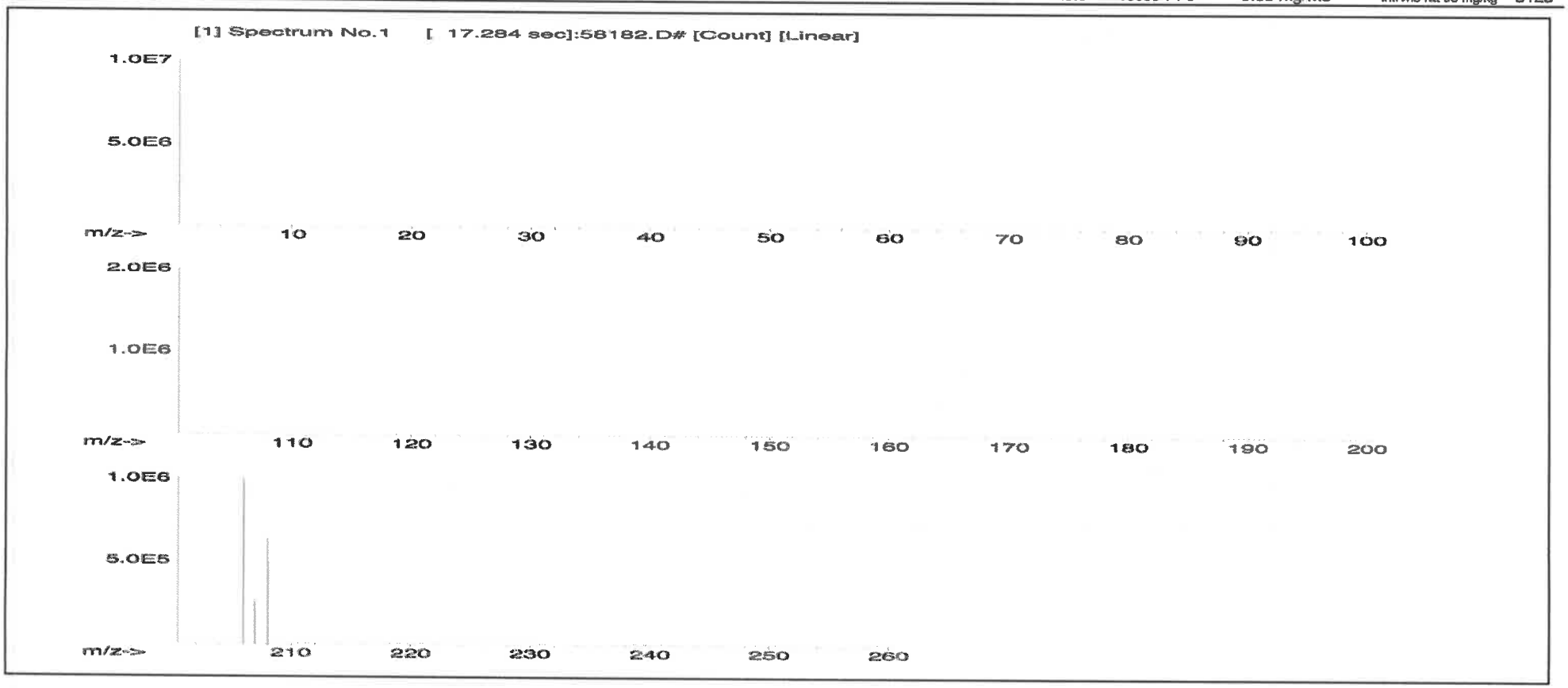
**Expiration Date:** 110926
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

| | | |
|---|---|---|
| Formulated By: | Lawence Barry | 110923 |
| Reviewed By: | Pedro L. Rentas | 110923 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Lead(II) nitrate (Pb) | IN029 | PBD122016A1 | 10000 | 99.999 | 0.10 | 62.5 | 32.0006 | 32.0040 | **10001.1** | **20.0** | 10099-74-8 | 0.05 mg/m3 | intrvns-rat 93 mg/kg | 3128 |



1864

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | T | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5192 R: 06/17/22

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1865

CERTIFIED WEIGHT REPORT:

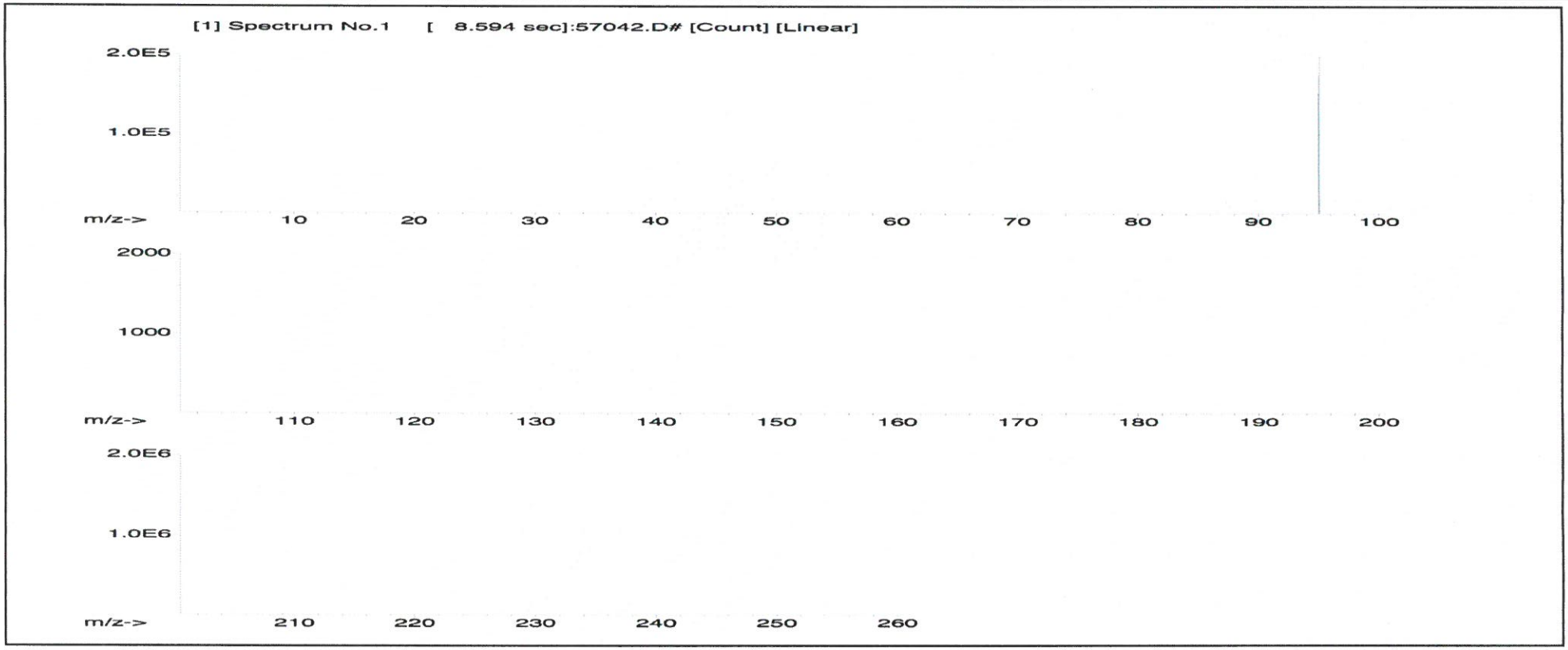
**Part Number:** 57042
**Lot Number:** 051722
**Description:** Molybdenum (Mo)
**Expiration Date:** 051725
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Volume shown below was diluted to (mL):** 3000.41

| Lot # | Solvent: | | |
|---|---|---|---|
| MKBQ8597V | Ammonium hydroxide | | |
| 0.5% | 15.0 (mL) | Ammonium hydroxide | |

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By: Lawrence Barry 051722
Reviewed By: Pedro L. Rentas 051722

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium molybdate (Mo) | 58142 | 022222 | 0.1000 | 300.0 | 0.084 | 1000 | 10001.0 | **1000.0** | **2.1** | 13106-76-8 | 5 mg(Mo)/m3 | orl-rat 333 mg/kg | 3134 |



1866

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | T | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
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M5288 R: 07/21/2022

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CERTIFIED WEIGHT REPORT:

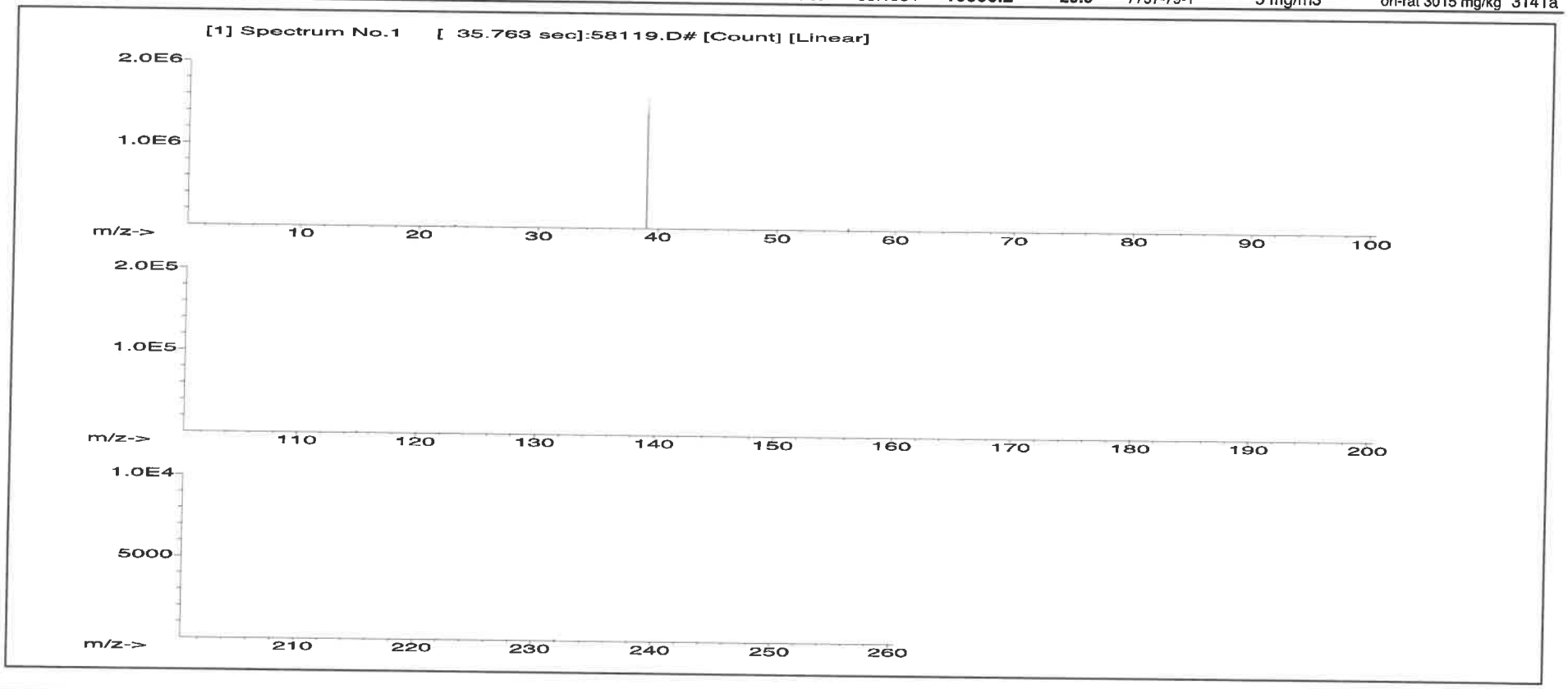
**Part Number:** 58119
**Lot Number:** 071122
**Description:** Potassium (K)

**Expiration Date:** 071125
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |
| | 5E-05 | Balance Uncertainty | |
| | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 071122 |
| Reviewed By: | Pedro L. Rentas | 071122 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | **Actual Conc. (µg/mL)** | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Potassium nitrate (K) | IN034 | KD022021A1 | 10000 | 99.999 | 0.10 | 37.6 | 53.1925 | 53.1934 | **10000.2** | **20.0** | 7757-79-1 | 5 mg/m3 | orl-rat 3015 mg/kg | 3141a |




1867

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | T | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
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18868

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M5289 R: 07/12/22 BH

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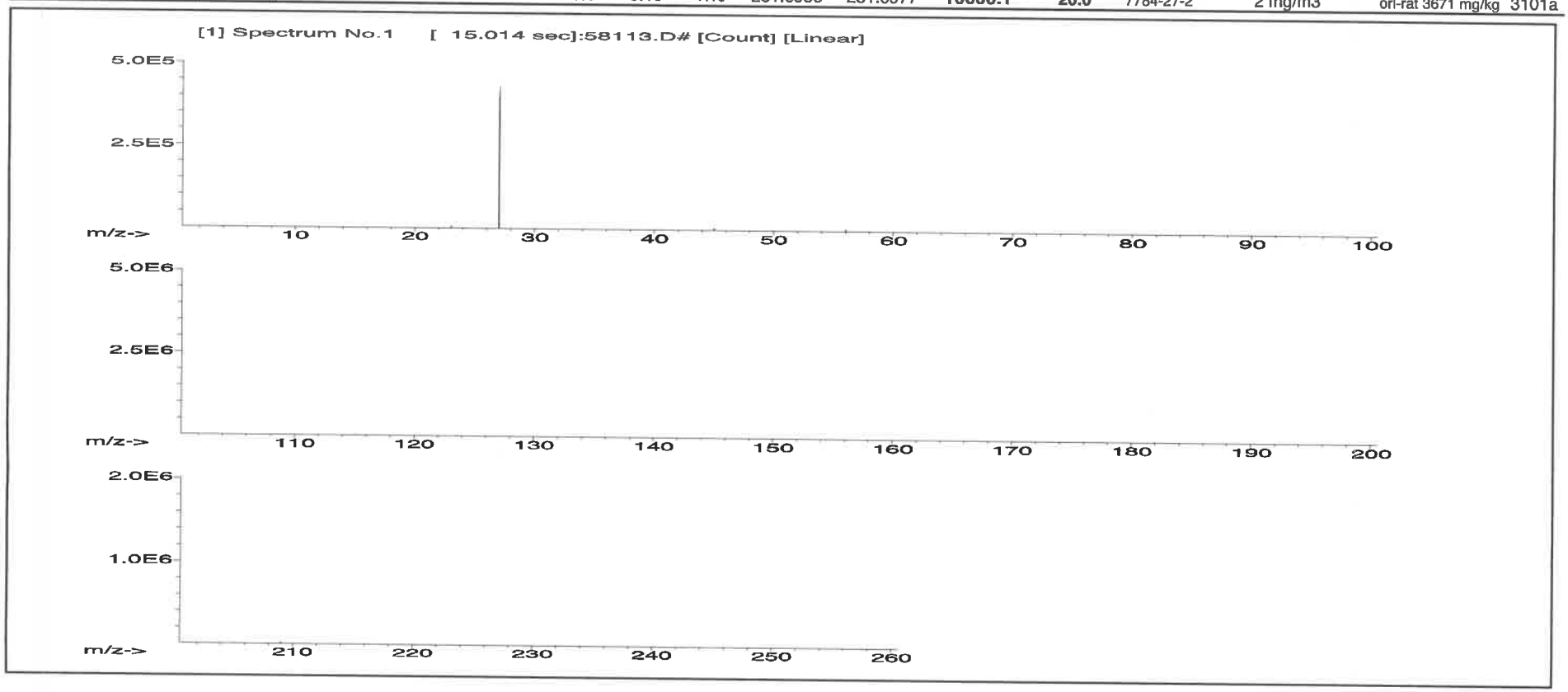
1869

CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **58113** | | **Lot #** | | |
| **Lot Number:** | **070622** | **Solvent:** | 20370011 | Nitric Acid | |
| **Description:** | **Aluminum (Al)** | 2% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 070625 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **10000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 070622 |
| Reviewed By: | Pedro L. Rentas | 070622 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Aluminum nitrate nonahydrate (Al) | IN022 | ALD012021A1 | 10000 | 99.999 | 0.10 | 7.10 | 281.6956 | 281.6977 | **10000.1** | **20.0** | 7784-27-2 | 2 mg/m3 | orl-rat 3671 mg/kg | 3101a |



1870

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | T | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

## QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

**NOTE:** These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

***APPLICATION:*** For use with the CLP SFAM01.0 SOW and revisions.

***CAUTION:*** Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
**HAZARDOUS MATERIAL**

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

### (A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

### (B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

**QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY**
**APTIM Federal Services, LLC**
**2700 Chandler Avenue - Building C**
**Las Vegas, NV 89120**

### (C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

**ICV1-1014** For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.



*The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC.*

**ICV1-1014** For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

**ICV5-0415** For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

**ICV6-0400** For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

**NOTE:** USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

## (D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

| ICV1-1014 | | |
|---|---|---|
| **Element** | **Concentration (µg/L) (after 10-fold dilution)** | **Concentration (µg/L) (after 50-fold dilution)** |
| **Al** | 2500 | 500 |
| **Sb** | 1000 | 200 |
| **As** | 1000 | 200 |
| **Ba** | 520 | 100 |
| **Be** | 510 | 100 |
| **Cd** | 510 | 100 |
| **Ca** | 10000 | 2000 |
| **Cr** | 520 | 100 |
| **Co** | 520 | 100 |
| **Cu** | 510 | 100 |
| **Fe** | 10000 | 2000 |
| **Pb** | 1000 | 200 |
| **Mg** | 6000 | 1200 |
| **Mn** | 520 | 100 |
| **Ni** | 530 | 110 |
| **K** | 9900 | 2000 |
| **Se** | 1000 | 200 |
| **Ag** | 250 | 50 |
| **Na** | 10000 | 2000 |
| **Tl** | 1000 | 210 |
| **V** | 500 | 100 |
| **Zn** | 1000 | 200 |

| ICV5-0415 | | ICV6-0400 | |
|---|---|---|---|
| **Element** | **Concentration (µg/L) (after 100-fold dilution)** | **Analyte** | **Concentration (µg/L) (after 100-fold dilution)** |
| **Hg** | 4.0 | **$CN^-$** | 99 |

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | 6020CAL-1 |
| Lot Number: | S2-MEB711244 |
| Matrix: | 5% (v/v) HNO3<br>tr. HF |
| Value / Analyte(s): | 20 µg/mL ea: |

| | |
|---|---|
| Silver, | Aluminum, |
| Arsenic, | Barium, |
| Beryllium, | Calcium, |
| Cadmium, | Cobalt, |
| Chromium, | Copper, |
| Iron, | Potassium, |
| Magnesium, | Manganese, |
| Sodium, | Nickel, |
| Lead, | Antimony, |
| Selenium, | Thallium, |
| Vanadium, | Zinc |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| **Aluminum, Al** | **20.01 ± 0.08 µg/mL** | **Antimony, Sb** | **20.01 ± 0.12 µg/mL** |
| **Arsenic, As** | **20.01 ± 0.18 µg/mL** | **Barium, Ba** | **20.01 ± 0.11 µg/mL** |
| **Beryllium, Be** | **20.01 ± 0.14 µg/mL** | **Cadmium, Cd** | **20.01 ± 0.11 µg/mL** |
| **Calcium, Ca** | **20.01 ± 0.10 µg/mL** | **Chromium, Cr** | **20.01 ± 0.16 µg/mL** |
| **Cobalt, Co** | **20.01 ± 0.11 µg/mL** | **Copper, Cu** | **20.01 ± 0.10 µg/mL** |
| **Iron, Fe** | **20.01 ± 0.09 µg/mL** | **Lead, Pb** | **20.01 ± 0.11 µg/mL** |
| **Magnesium, Mg** | **19.99 ± 0.10 µg/mL** | **Manganese, Mn** | **20.01 ± 0.10 µg/mL** |
| **Nickel, Ni** | **20.01 ± 0.11 µg/mL** | **Potassium, K** | **20.01 ± 0.10 µg/mL** |
| **Selenium, Se** | **20.02 ± 0.14 µg/mL** | **Silver, Ag** | **20.02 ± 0.09 µg/mL** |
| **Sodium, Na** | **20.01 ± 0.10 µg/mL** | **Thallium, Tl** | **20.01 ± 0.13 µg/mL** |
| **Vanadium, V** | **20.01 ± 0.11 µg/mL** | **Zinc, Zn** | **20.01 ± 0.11 µg/mL** |



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**Density:** 1.026 g/mL (measured at 20 ± 4 ºC)

## Assay Information:

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Ag | ICP Assay | 3151 | 160729 |
| Ag | Volhard | 999c | 999c |
| Al | ICP Assay | 3101a | 140903 |
| Al | EDTA | 928 | 928 |
| As | ICP Assay | 3103a | 100818 |
| Ba | ICP Assay | 3104a | 140909 |
| Ba | Gravimetric | | See Sec. 4.2 |
| Be | ICP Assay | 3105a | 090514 |
| Ca | ICP Assay | 3109a | 130213 |
| Ca | EDTA | 928 | 928 |
| Cd | ICP Assay | 3108 | 130116 |
| Cd | EDTA | 928 | 928 |
| Co | ICP Assay | 3113 | 190630 |
| Co | EDTA | 928 | 928 |
| Cr | ICP Assay | 3112a | 170630 |
| Cu | ICP Assay | 3114 | 121207 |
| Cu | EDTA | 928 | 928 |
| Fe | ICP Assay | 3126a | 140812 |
| Fe | EDTA | 928 | 928 |
| Fe | Calculated | | See Sec. 4.2 |
| K | ICP Assay | 3141a | 140813 |
| K | Gravimetric | | See Sec. 4.2 |
| Mg | ICP Assay | 3131a | 140110 |
| Mg | EDTA | 928 | 928 |
| Mn | ICP Assay | 3132 | 050429 |
| Mn | EDTA | 928 | 928 |
| Na | ICP Assay | 3152a | 120715 |
| Na | Gravimetric | | See Sec. 4.2 |
| Ni | ICP Assay | 3136 | 120619 |
| Ni | EDTA | 928 | 928 |
| Pb | ICP Assay | 3128 | 101026 |
| Pb | EDTA | 928 | 928 |
| Se | ICP Assay | 3149 | 100901 |
| Se | Calculated | | See Sec. 4.2 |
| Tl | ICP Assay | 3158 | 151215 |
| Tl | Calculated | | See Sec. 4.2 |
| V | ICP Assay | 3165 | 160906 |
| V | EDTA | 928 | 928 |
| Zn | ICP Assay | 3168a | 120629 |
| Zn | EDTA | 928 | 928 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

**Characterization of CRM/RM by Two or More Methods**

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Characterization of CRM/RM by One Method**

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**HF Note:** This standard should not be prepared or stored in glass.

**Low Silver Note:** This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

### 11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

### 11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

### 11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Michael Booth
Director, Quality Control



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

**Certified Reference Material CRM**

M5387 · M5389 · M5390 · M5391 · M5392

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AR-1539 Certificate Number
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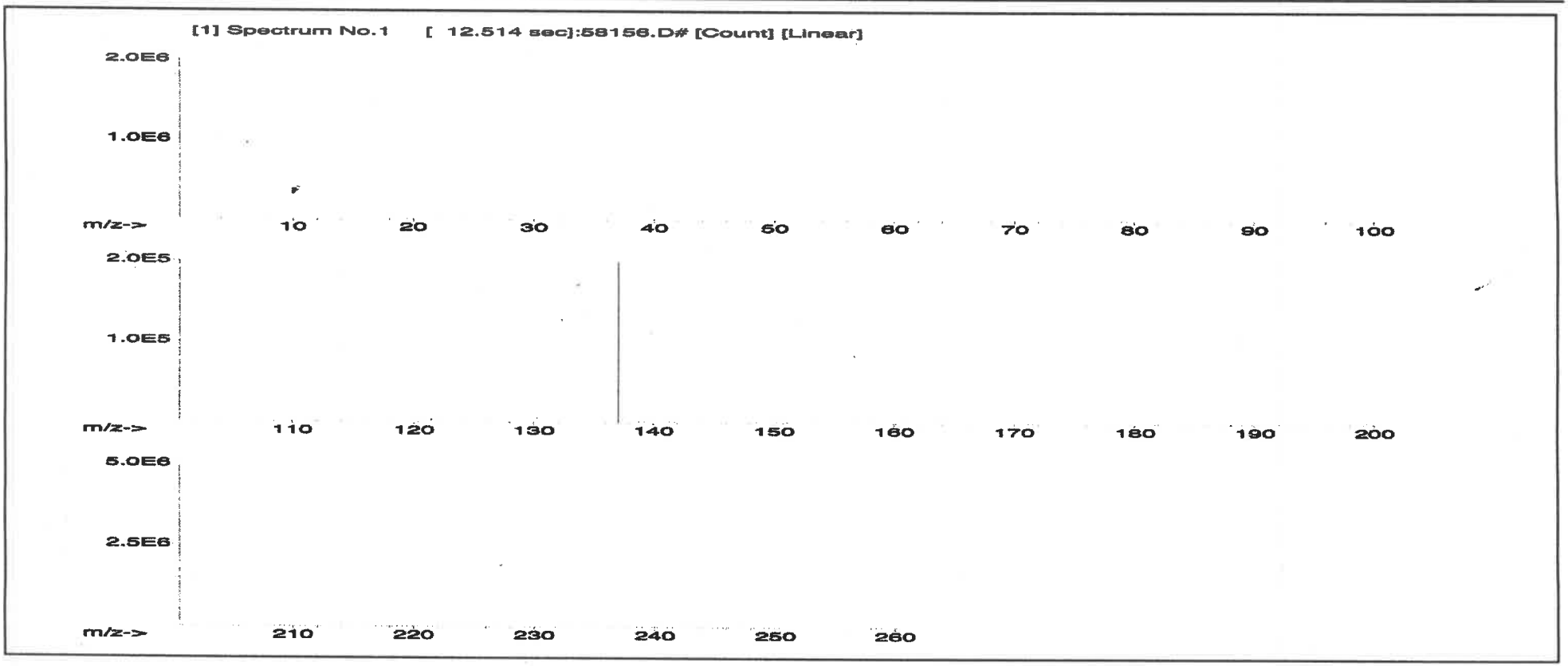
## CERTIFIED WEIGHT REPORT:

| | | | Lot # | |
|---|---|---|---|---|
| **Part Number:** | **57056** | **Solvent:** | 20510011 | Nitric Acid |
| **Lot Number:** | **072122** | | | |
| **Description:** | **Barium (Ba)** | 2% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 072125 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Weight shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 072122 |
| Reviewed By: | Pedro L. Rentas | 072122 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Barium nitrate (Ba) | IN023 | BAD022019A1 | 1000 | 99.999 | 0.10 | 52.3 | 3.82417 | 3.82426 | **1000.0** | **2.0** | 10022-31-8 | 0.5 mg/m3 | orl-rat 355 mg/kg | 3104a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | T | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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www.absolutestandards.com

*Certified Reference Material CRM*

IN5497 - IN5498 R: 03/17/23 BH

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

**Part Number:** 58120
**Lot Number:** 031523
**Description:** Calcium (Ca)

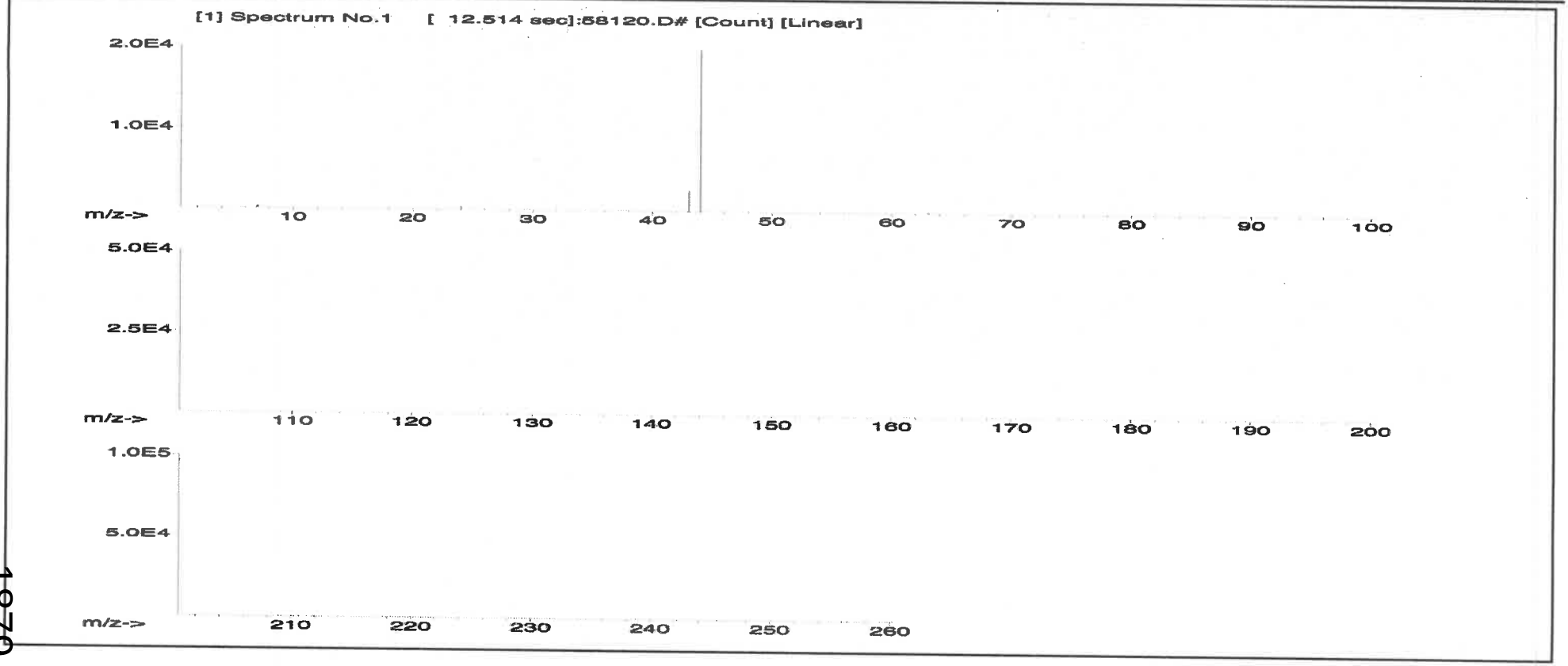
**Expiration Date:** 031526
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 3000.41 ± 0.058 Flask Uncertainty

| | | Lot # | |
|---|---|---|---|
| **Solvent:** | 21110221 | Nitric Acid | |
| 2% | 60.0 (mL) | Nitric Acid | |
| | 5E-05 | Balance Uncertainty | |

Giovanni Esposito
Formulated By: Giovanni Esposito 031523

Pedro Rentas
Reviewed By: Pedro L. Rentas 031523

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Calcium carbonate (Ca) | IN014 | CAD072022A1 | 10000 | 99.999 | 0.10 | 39.9 | 75.1990 | 75.2093 | **10001.4** | **20.0** | 471-34-1 | 5 mg/m3 | orl-rat >2000mg/kg | 3109a |




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**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | T | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

T880

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*Certified Reference Material CRM*

M5497 - M5498 R: 03/17/23 BH

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

**Part Number:** 58120
**Lot Number:** 031523
**Description:** Calcium (Ca)

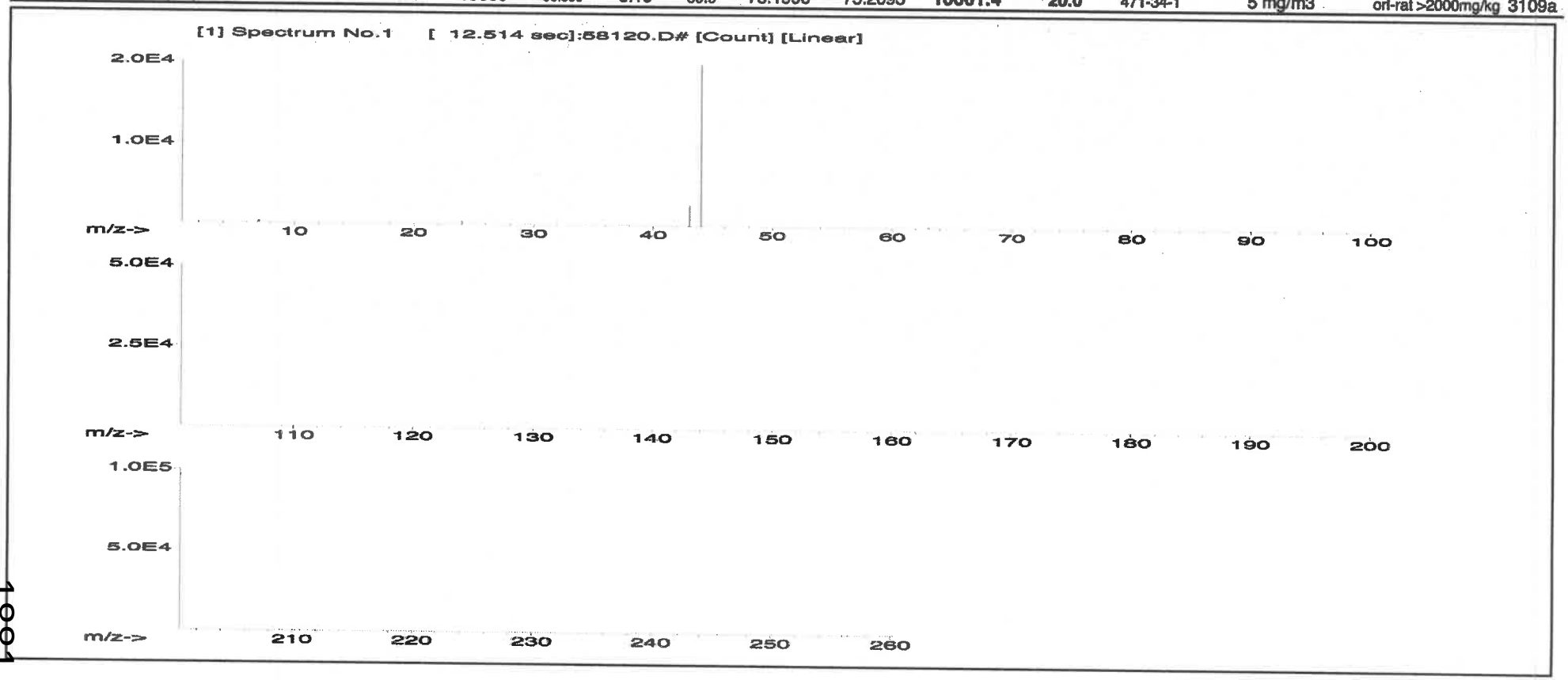
**Expiration Date:** 031526
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 3000.41 ± 0.058 Flask Uncertainty

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 21110221 | Nitric Acid | |
| 2% | 60.0 (mL) | Nitric Acid | |
| | 5E-05 | Balance Uncertainty | |

Giovanni Esposito
Formulated By: Giovanni Esposito 031523

Pedro Rentas
Reviewed By: Pedro L. Rentas 031523

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Calcium carbonate (Ca) | IN014 | CAD072022A1 | 10000 | 99.999 | 0.10 | 39.9 | 75.1990 | 75.2093 | **10001.4** | **20.0** | 471-34-1 | 5 mg/m3 | orl-rat >2000mg/kg | 3109a |




1881

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | T | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

T-882

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CERTIFIED WEIGHT REPORT:

**Part Number:** 57182
**Lot Number:** 061522
**Description:** Lead (Pb)

**Expiration Date:** 061525
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02

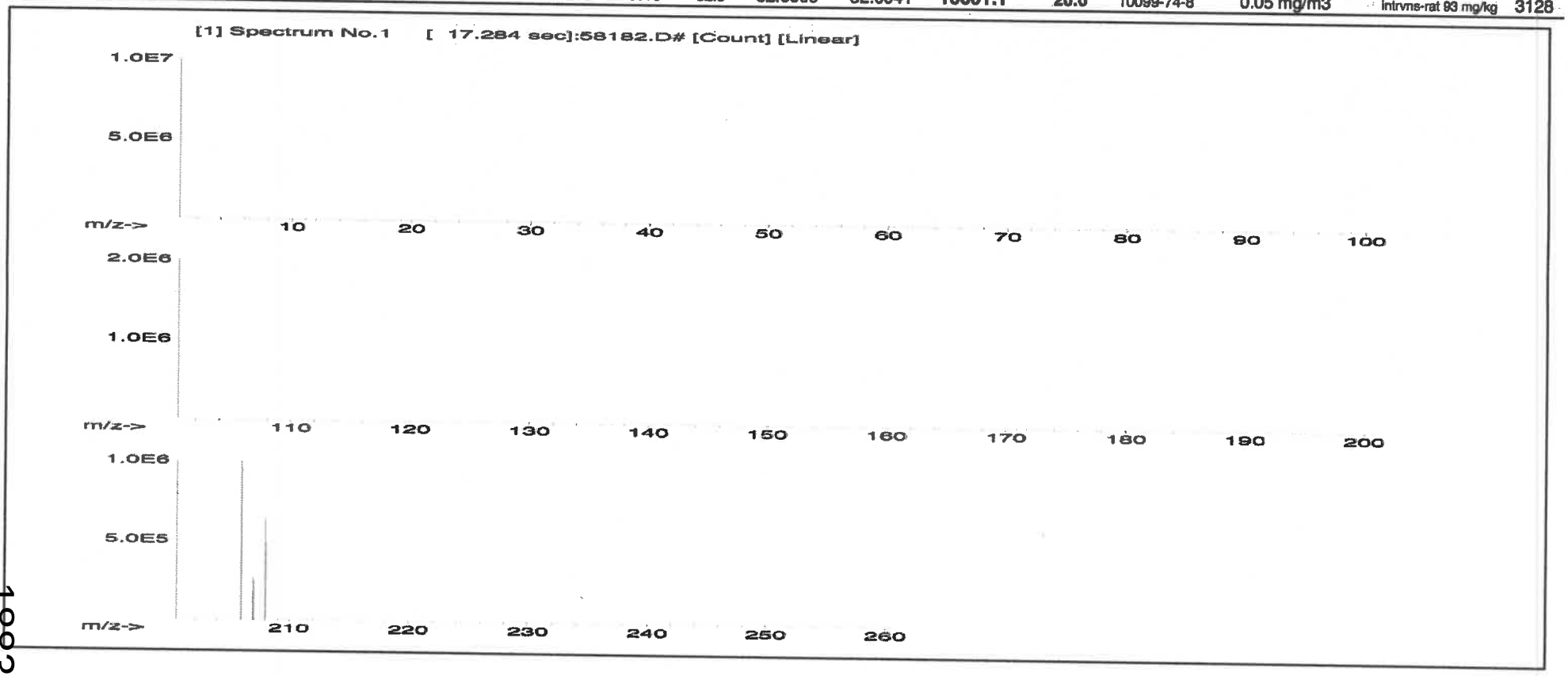
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 061522 |
| Reviewed By: | Pedro L. Rentas | 061522 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Lead(II) nitrate (Pb) | IN029 | PBD122016A1 | 10000 | 99.999 | 0.10 | 62.5 | 32.0006 | 32.0041 | **10001.1** | **20.0** | 10099-74-8 | 0.05 mg/m3 | Intrvns-rat 93 mg/kg | 3128 |




1883

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | T | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Certified by:

**Homogeneity: No heterogeneity was observed in the preparation of this standard.**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1884

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1885

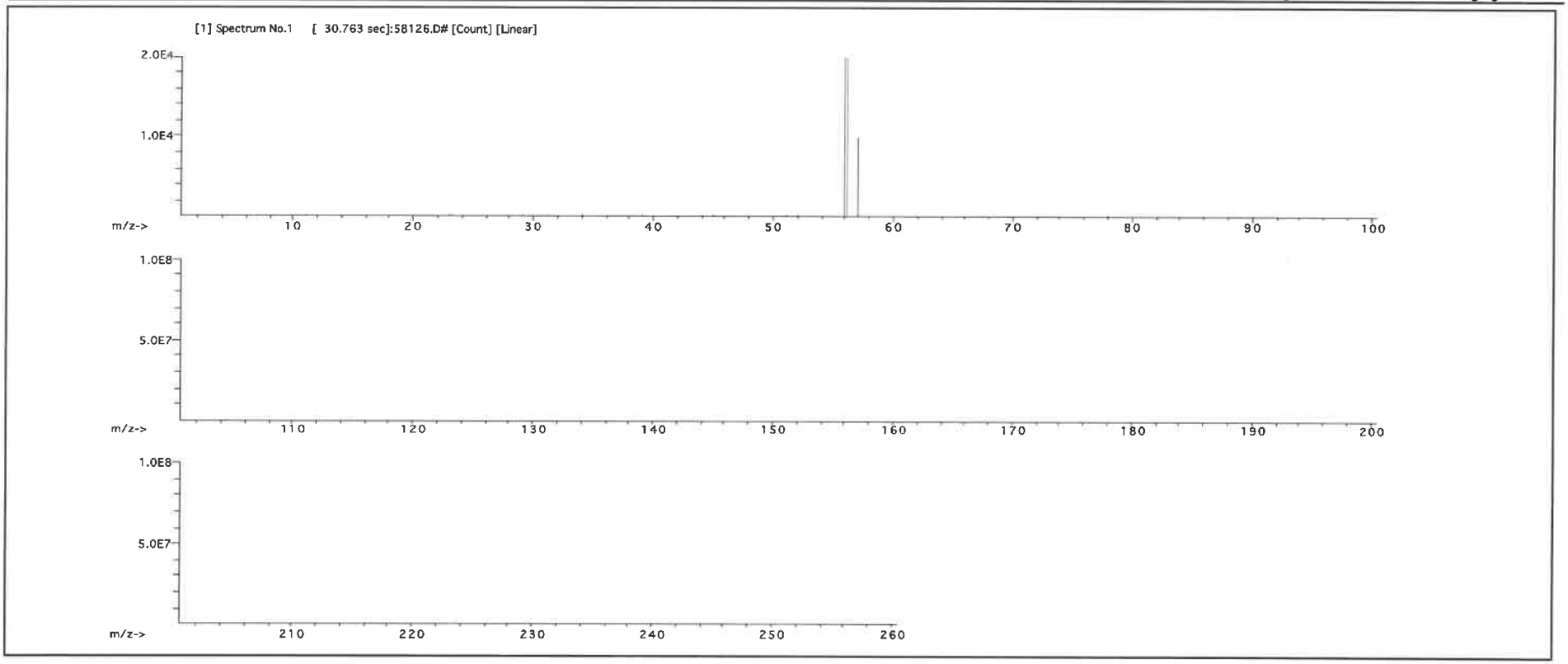
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **58126** | | **Lot #** | | |
| **Lot Number:** | **092122** | | **Solvent:** | 20510011 | Nitric Acid |
| **Description:** | **Iron (Fe)** | | 7.0% | 350.0 (mL) | Nitric Acid |
| **Expiration Date:** | 092125 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **10000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 5000.1 | 0.12 | Flask Uncertainty | | |

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 092122 |
| Reviewed By: | Pedro L. Rentas | 092122 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | **Actual Conc. (µg/mL)** | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Iron (Fe) | IN346 | 2224912-500 | 10000 | 99.995 | 0.10 | 100.0 | 50.0034 | 50.0111 | **10001.5** | **20.0** | 7439-89-6 | 5 mg/m3 | orl-rat 7500mg/kg | 3126a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.10 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.10 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.05 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.10 | Ge | <0.10 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.05 |
| B | <0.02 | Cu | <0.10 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M546 M517 R: 03/17/22 BH

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CERTIFIED WEIGHT REPORT:

**Part Number:** 58111
**Lot Number:** 022123
**Description:** Sodium (Na)

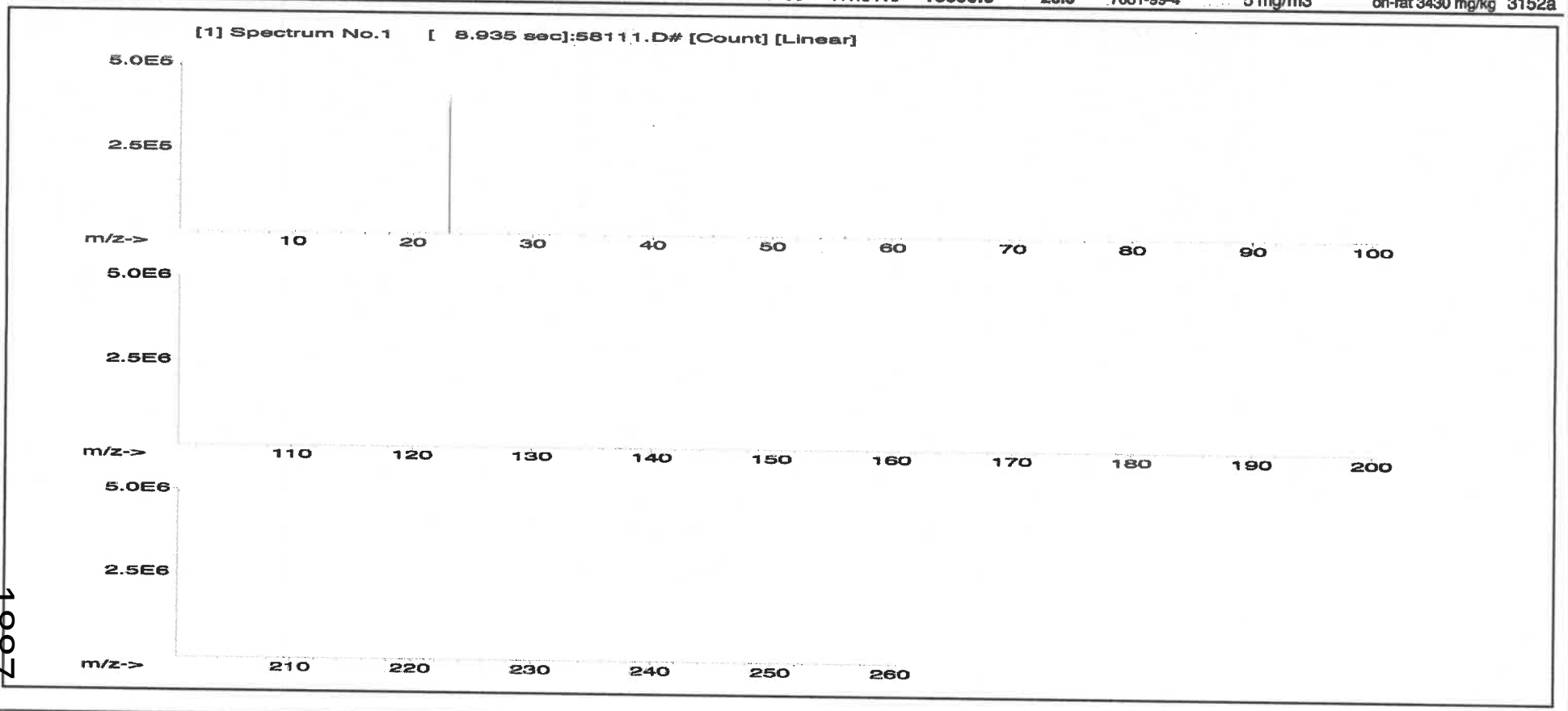
**Expiration Date:** 022126
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 3000.41 0.06 Flask Uncertainty

| | | Lot # | |
|---|---|---|---|
| **Solvent:** | 21110221 | Nitric Acid | |
| 2% | 60.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 022123 |
| Reviewed By: | Pedro L. Rentas | 022123 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Sodium nitrate (Na) | IN036 | NAV012015I1 | 10000 | 99.999 | 0.10 | 26.9 | 111.5406 | 111.5410 | **10000.0** | **20.0** | 7631-99-4 | 5 mg/m3 | orl-rat 3430 mg/kg | 3152a |




1887

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | T | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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1889

CERTIFIED WEIGHT REPORT:

**Part Number:** 58119
**Lot Number:** 120822
**Description:** Potassium (K)

**Expiration Date:** 120825
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB

**Weight shown below was diluted to (mL):** 3000.4 ± 0.06 Flask Uncertainty

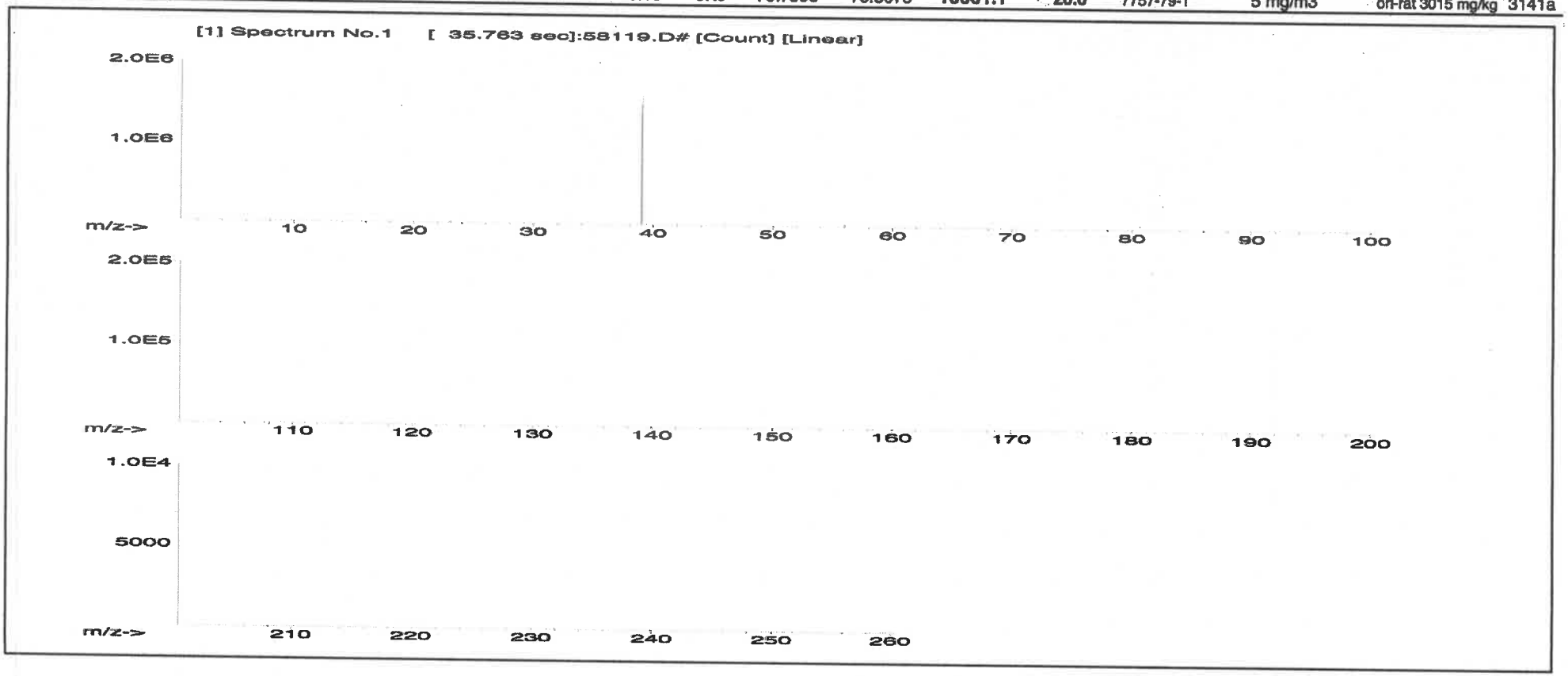
| | | Lot # | |
|---|---|---|---|
| **Solvent:** | 20510011 | | Nitric Acid |
| | 2% | 60.0 (mL) | Nitric Acid |

5E-05 Balance Uncertainty

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 120822 |
| Reviewed By: | Pedro L. Rentas | 120822 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Potassium nitrate (K) | IN034 | KD022021A1 | 10000 | 99.999 | 0.10 | 37.6 | 79.7990 | 79.8075 | **10001.1** | **20.0** | 7757-79-1 | 5 mg/m3 | orl-rat 3015 mg/kg | 3141a |



1890

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

## Trace Metals Verification by ICP-MS (µg/mL)

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | T | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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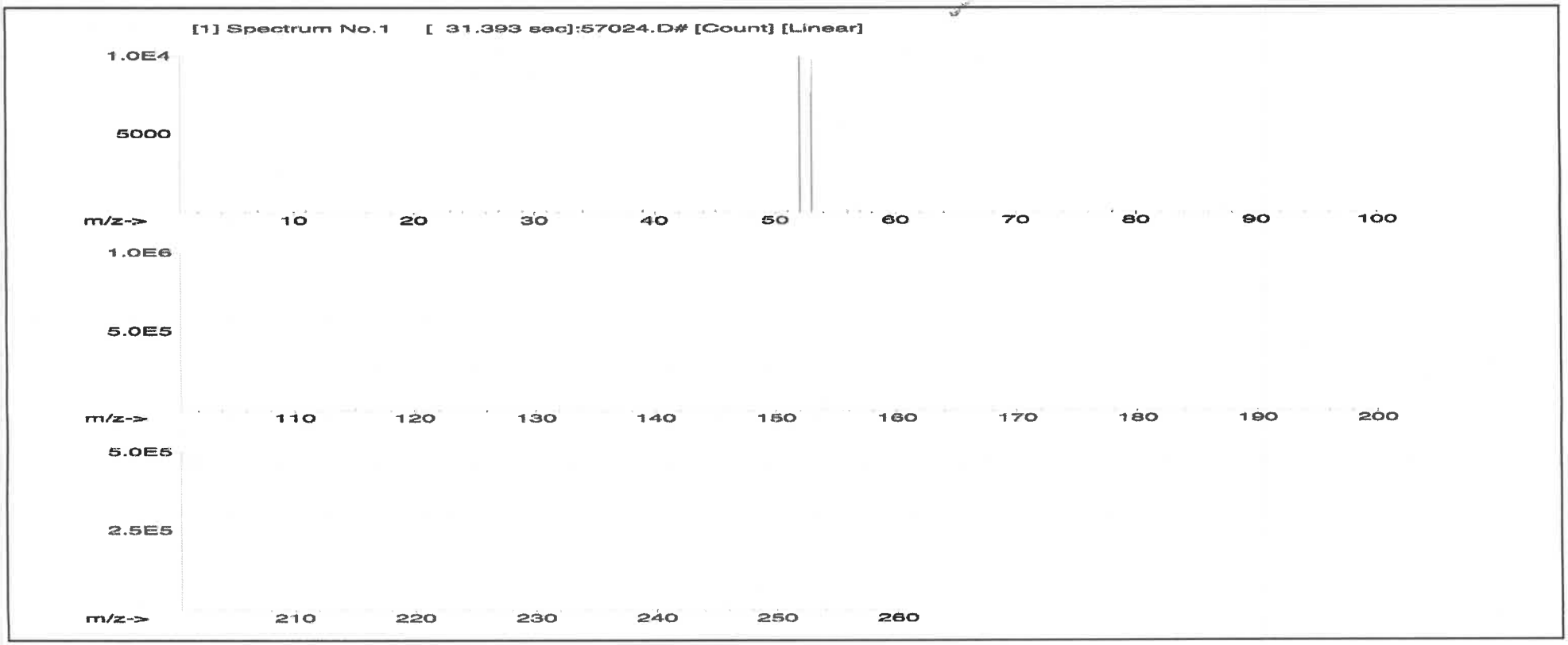
1891

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | 58024 | 21110221 | Nitric Acid | |
| **Lot Number:** | 060523 | | | |
| **Description:** | Chromium (Cr) | | | |
| | | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 060526 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | 1000 | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 060523 |
| Reviewed By: | Pedro L. Rentas | 060523 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Chromium(III) nitrate nonahydrate (Cr) | 58124 | 071122 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.1 | **1000.0** | **2.2** | 7789-02-8 | 0.5 mg(Cr)/m3 | orl-rat 3250 mg/kg | 3112a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | T | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5697 R: 10/27/23

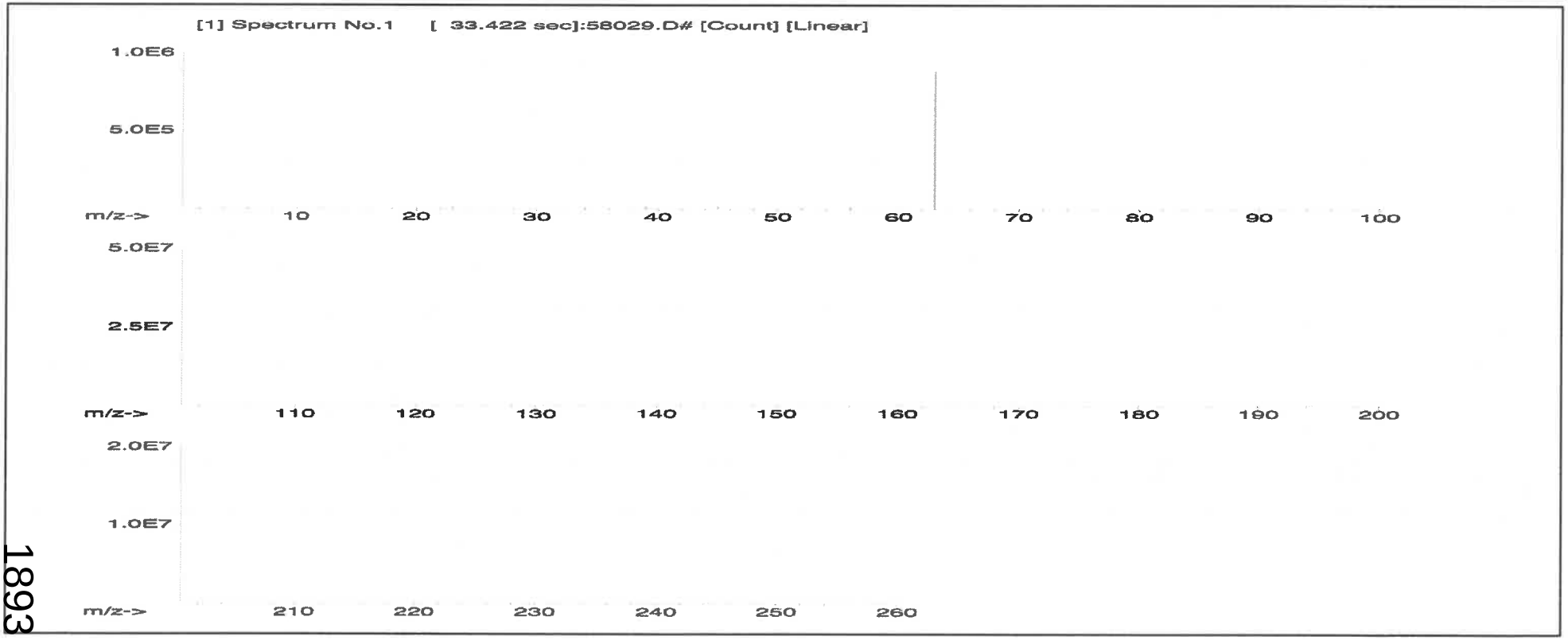
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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **58029** | 24002546 | Nitric Acid | |
| **Lot Number:** | **102523** | | | |
| **Description:** | **Copper (Cu)** | | | |
| | | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 102526 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 102523 |
| Reviewed By: | Pedro L. Rentas | 102523 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Copper(II) nitrate trihydrate (Cu) | 58129 | 100223 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.1 | **1000.0** | **2.2** | 10031-43-3 | 1 mg/m3 | orl-rat 794 mg/kg | 3114 |




1893

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | T | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

ILC 4

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M5648 R: 10/27/23

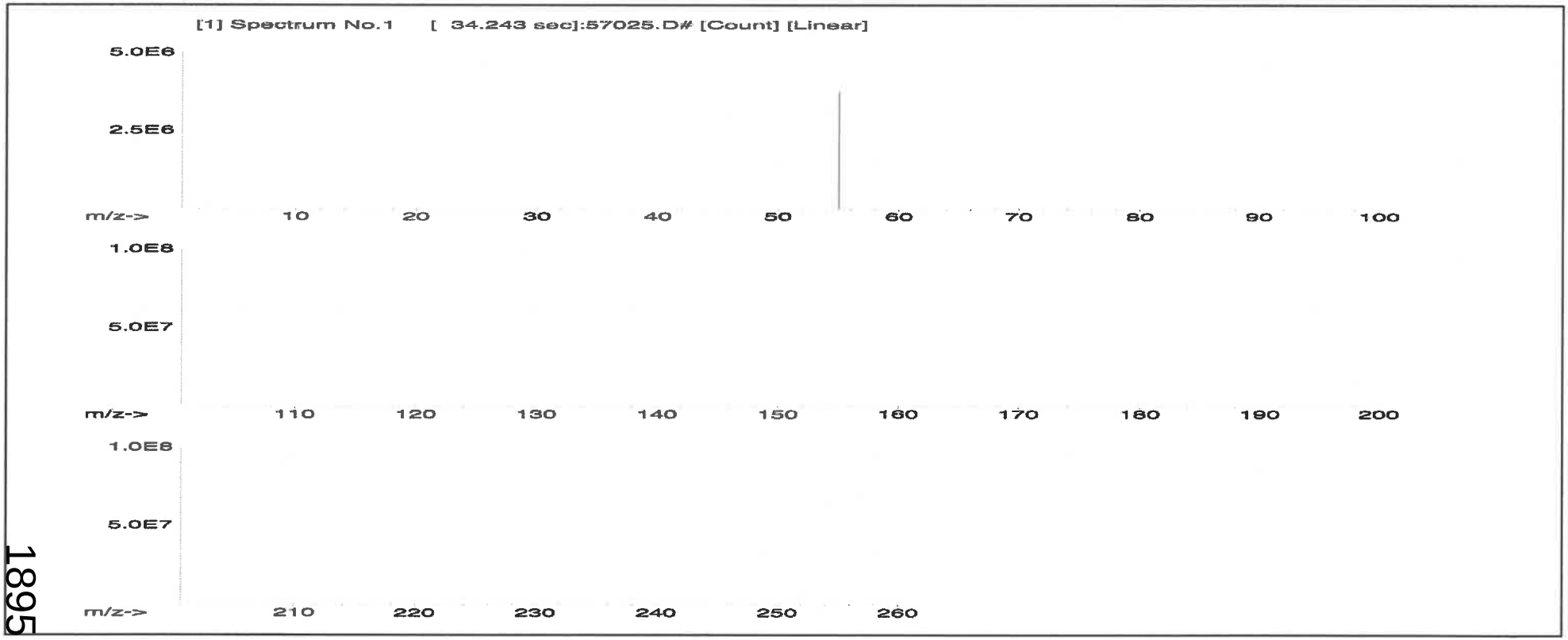
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CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **58025** | 24002546 | Nitric Acid | |
| **Lot Number:** | **102623** | | | |
| **Description:** | **Manganese (Mn)** | | | |
| | | 2.0% | 60.0 (mL) | Nitric Acid |
| **Expiration Date:** | 102626 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 3000.41 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 102623 |
| Reviewed By: | Pedro L. Rentas | 102623 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Manganese(II) nitrate tetrahydrate (Mn) | 58125 | 071123 | 0.1000 | 300.0 | 0.084 | 1000 | 10000.1 | **1000.0** | **2.1** | 20694-39-7 | 5 mg/m3 | orl-rat >300mg/kg | 3132 |




1895

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | T | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

T896

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R: 8/25/23 M5751

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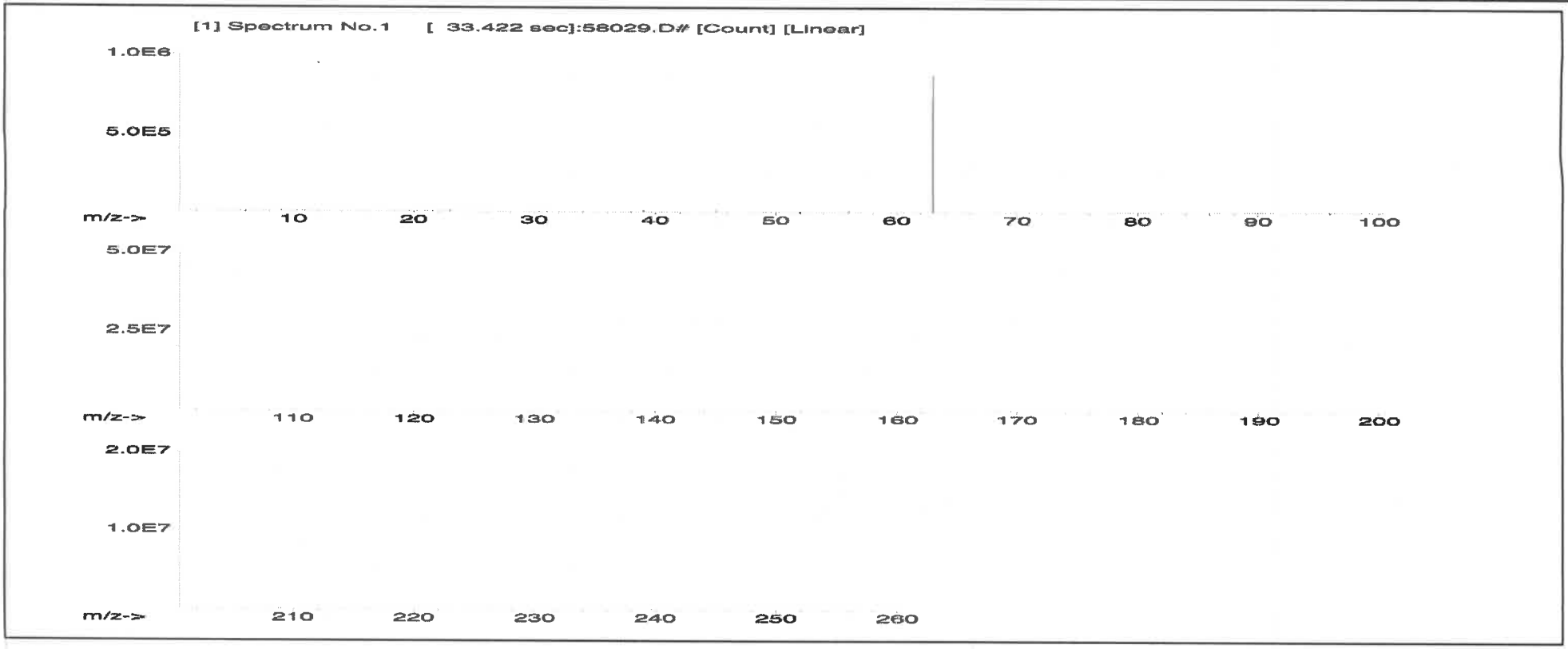
1897

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **58029** | 21110221 | Nitric Acid | |
| **Lot Number:** | **071723** | | | |
| **Description:** | **Copper (Cu)** | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 071726 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 071723 |
| Reviewed By: | Pedro L. Rentas | 071723 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Copper(II) nitrate trihydrate (Cu) | 58129 | 022723 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.5 | **1000.0** | **2.2** | 10031-43-3 | 1 mg/m3 | orl-rat 794 mg/kg | 3114 |



18966

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | T | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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1899

## CERTIFIED WEIGHT REPORT:

**Part Number:** 58112
**Lot Number:** 091823
**Description:** Magnesium (Mg)

**Expiration Date:** 091826
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB

**Weight shown below was diluted to (mL):** 2000.02 0.058 Flask Uncertainty

| | | Lot # | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

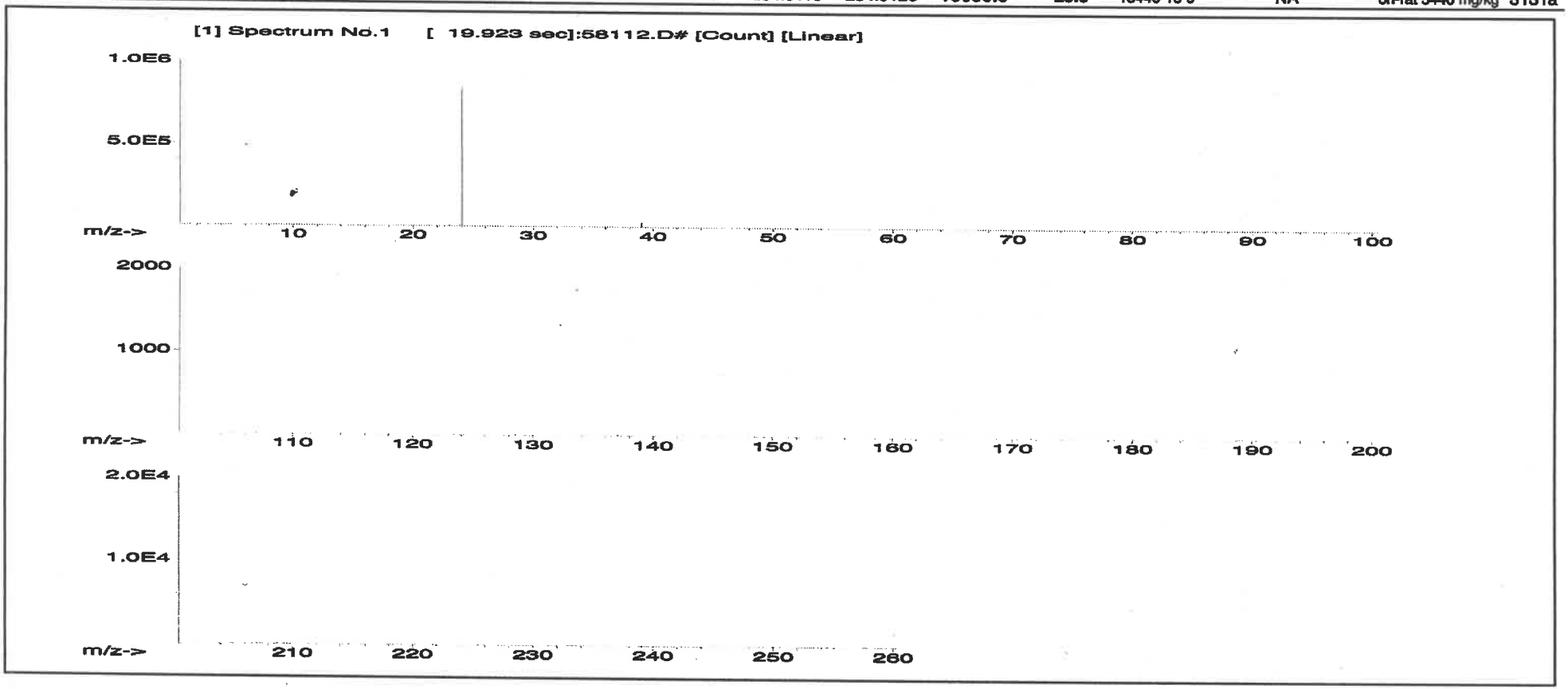
5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Magnesium nitrate hexahydrate (Mg) | IN030 | MGD052023A1 | 10000 | 99.999 | 0.10 | 8.51 | 234.9118 | 234.9126 | **10000.0** | **20.0** | 13446-18-9 | NA | ori-rat 5440 mg/kg | 3131a |



1900

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | T | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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1901

## CERTIFIED WEIGHT REPORT:

**Part Number:** 58112
**Lot Number:** 091823
**Description:** Magnesium (Mg)

**Expiration Date:** 091826
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02 0.058 Flask Uncertainty

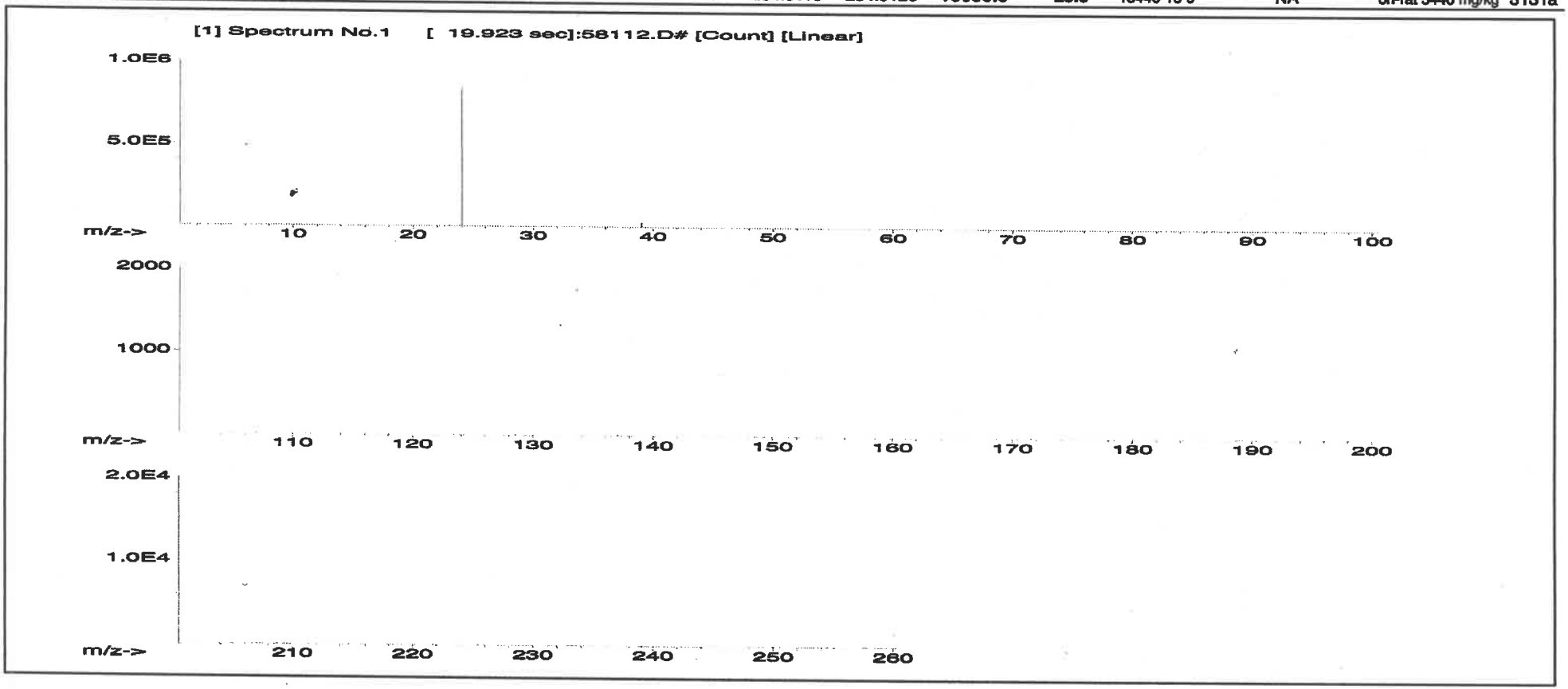
| | | Lot # | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| | 2% | 40.0 (mL) | Nitric Acid |

5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By: Lawrence Barry 091823
Reviewed By: Pedro L. Rentas 091823

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Magnesium nitrate hexahydrate (Mg) | IN030 | MGD052023A1 | 10000 | 99.999 | 0.10 | 8.51 | 234.9118 | 234.9126 | **10000.0** | **20.0** | 13446-18-9 | NA | ori-rat 5440 mg/kg | 3131a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | T | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
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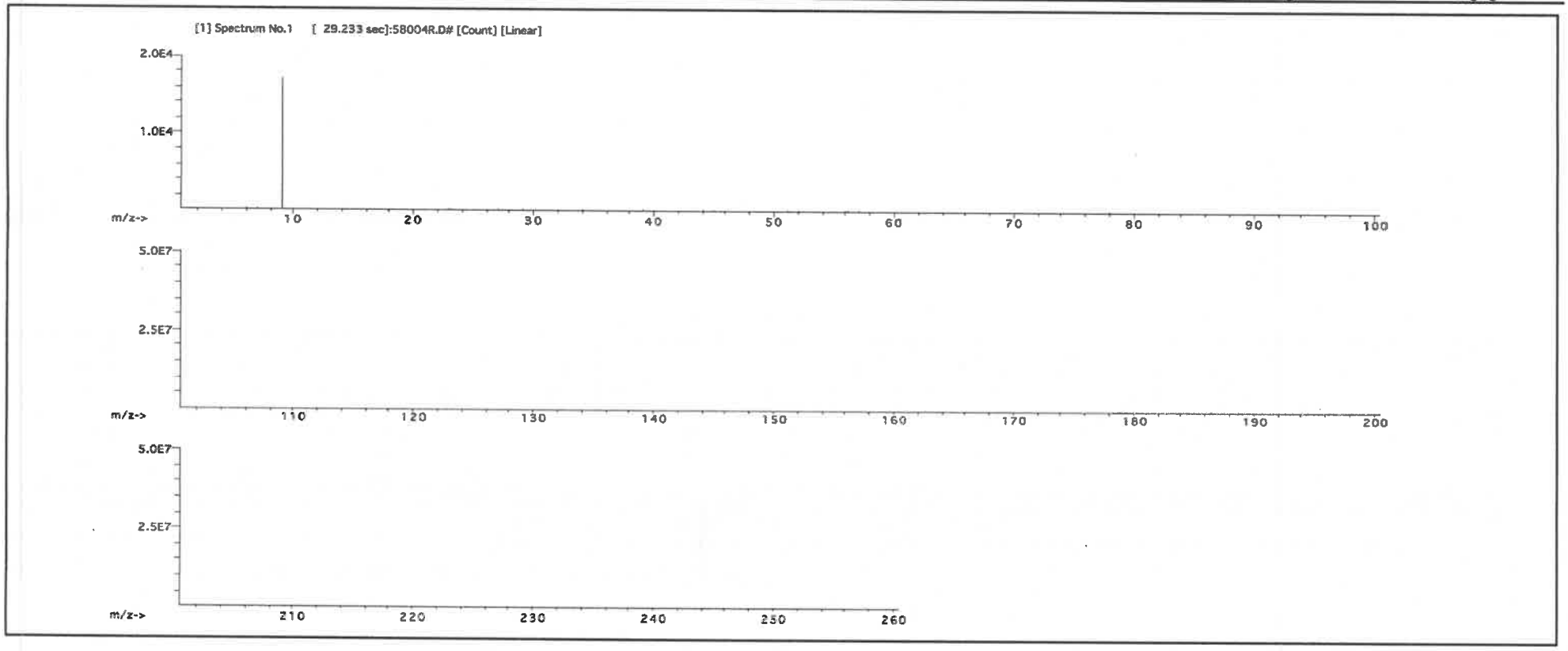
1903

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57004** | 24002546 | Nitric Acid | | |
| **Lot Number:** | **102523** | | | | |
| **Description:** | **Beryllium (Be)** | 2.0% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 102526 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 102523 |
| Reviewed By: | Pedro L. Rentas | 102523 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Beryllium nitrate (Be) | 58104 | 091423 | 0.1000 | 200.0 | 0.084 | 1000 | 10001.5 | **1000.0** | **2.2** | 13597-99-4 | 0.2ug/m3 | intrvns-rat 3.16mg/kg | NA |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | T | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1904

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1905

**CERTIFIED WEIGHT REPORT:**

**Part Number:** 57050
**Lot Number:** 071123
**Description:** Tin (Sn)

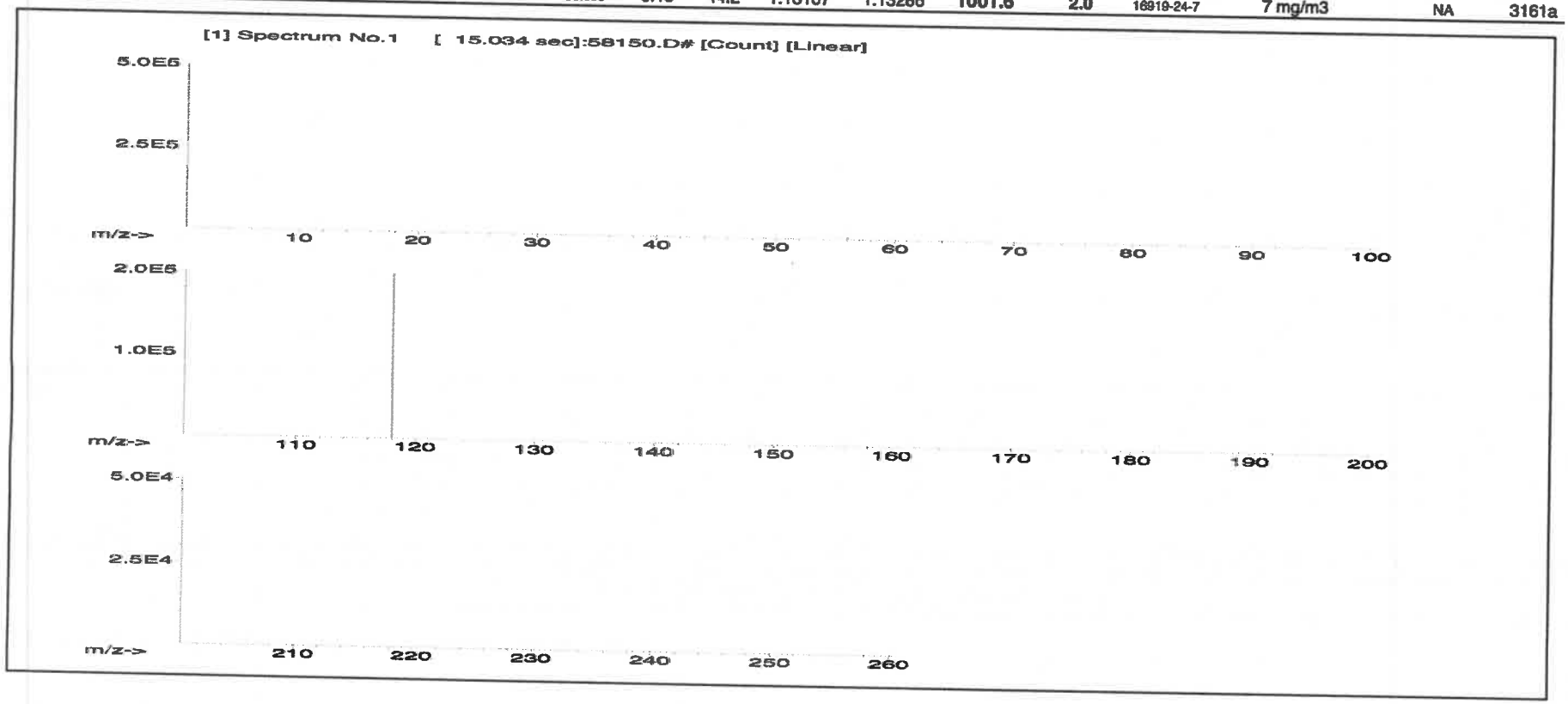
**Expiration Date:** 071126
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 499.93

| | Lot # | |
|---|---|---|
| **Solvents:** | 21110221 | Nitric Acid |
| | 22D0562008 | Hydrochloric acid |
| 2% | 10.0 | Nitric Acid |
| 6% | 30.0 | Hydrochloric acid |
| | (mL) | |

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 071123 |
| Reviewed By: | Pedro L. Rentas | 071123 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium hexafluorostannate(IV) (Sn) | IN010 | SND042023A1 | 1000 | 99.999 | 0.10 | 44.2 | 1.13107 | 1.13286 | **1001.6** | **2.0** | 16919-24-7 | 7 mg/m3 | NA | 3161a |



1906

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <500 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | T | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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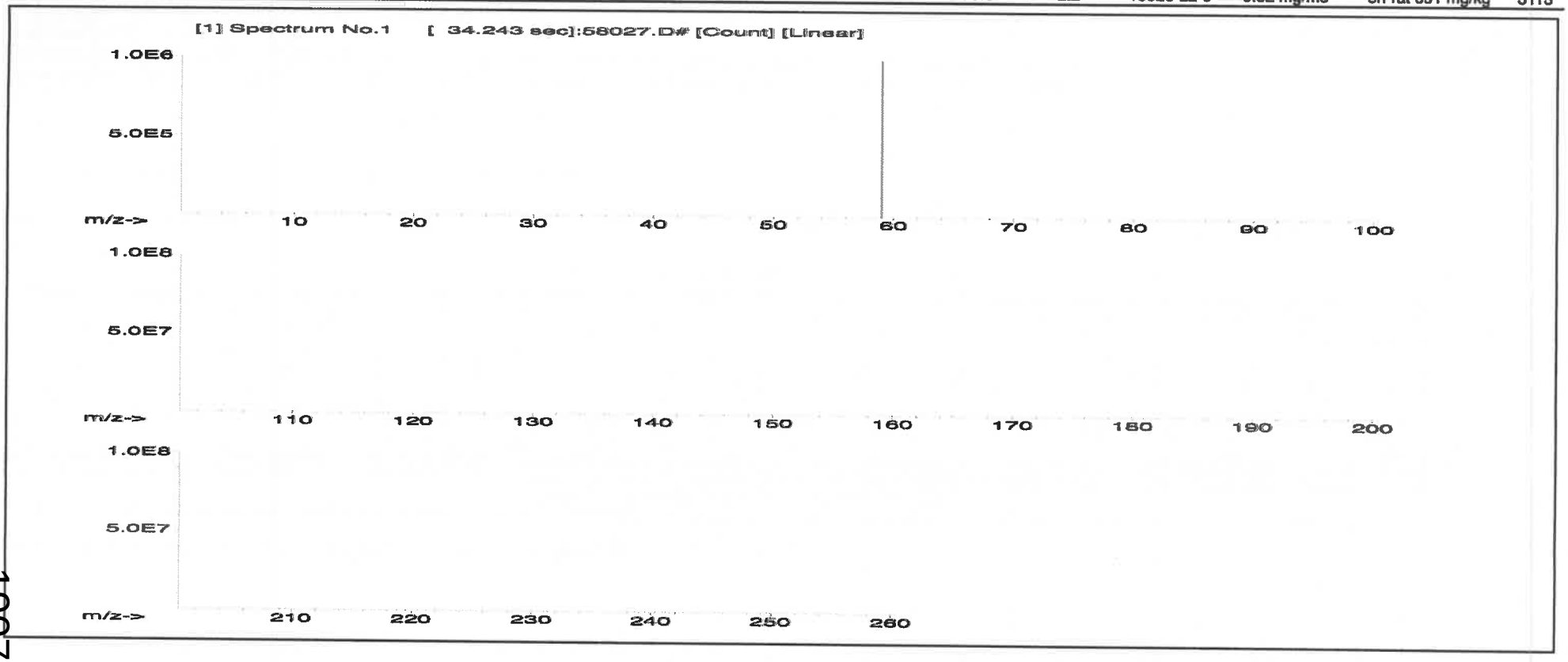
CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57027** | 24002546 | Nitric Acid | | |
| **Lot Number:** | **091923** | | | | |
| **Description:** | **Cobalt (Co)** | 2.0% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 091926 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | | |

Formulated By: Lawrence Barry 091923

Reviewed By: Pedro L. Rentas 091923

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Cobalt(II) nitrate hexahydrate (Co) | 58127 | 050923 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.0 | **1000.0** | **2.2** | 10026-22-9 | 0.02 mg/m3 | orl-rat 691 mg/kg | 3113 |




1907

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | T | Gé | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1908

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1909

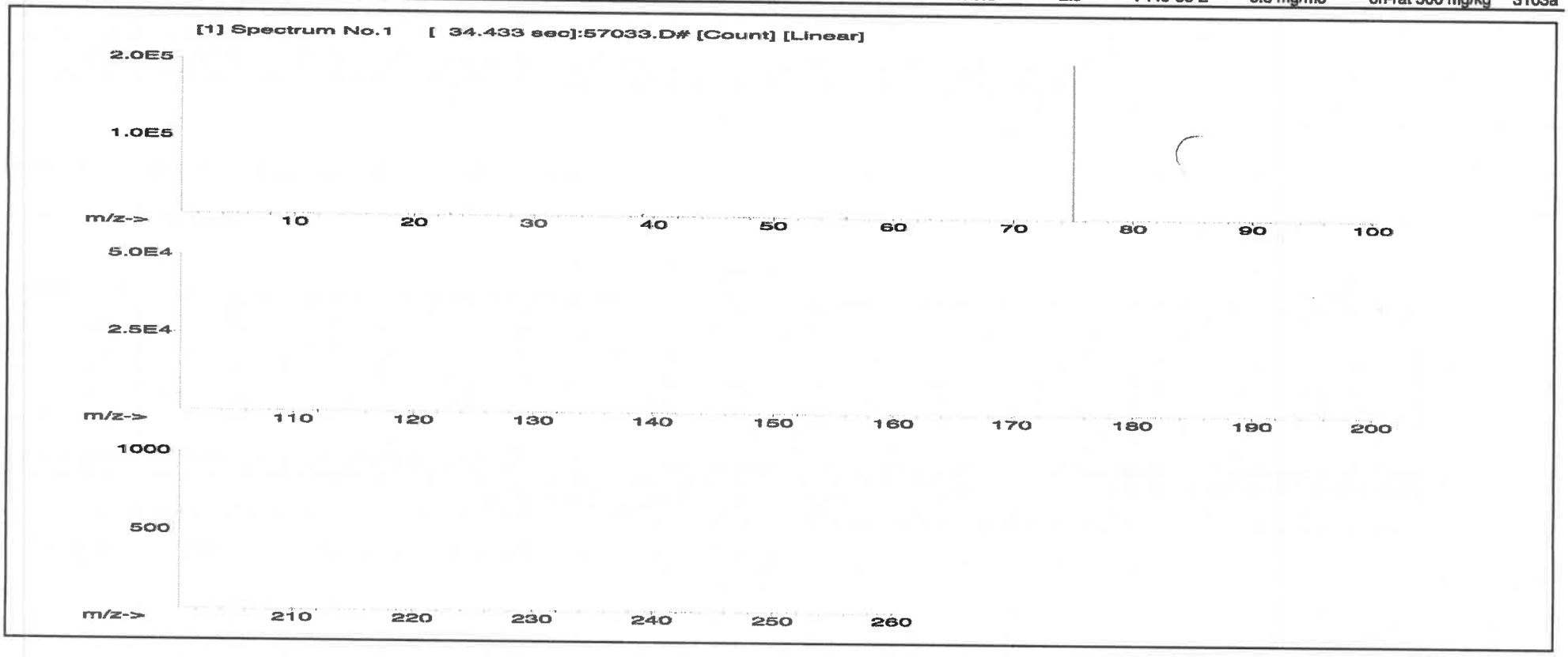
CERTIFIED **WEIGHT** REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57033** | | | | |
| **Lot Number:** | **111323** | 24002546 | Nitric Acid | | |
| **Description:** | **Arsenic (As)** | | | | |
| | | 2.0% | 80.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 111326 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Volume shown below was diluted to (mL):** | 4000.0 | 0.06 | Flask Uncertainty | | |

Formulated By: Lawrence Barry 111323

Reviewed By: Pedro L. Rentas 111323

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Arsenic (As) | 58133 | 020522 | 0.1000 | 400.0 | 0.084 | 1000 | 10001.0 | **1000.0** | **2.0** | 7440-38-2 | 0.5 mg/m3 | orl-rat 500 mg/kg | 3103a |



1910

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | T | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge* | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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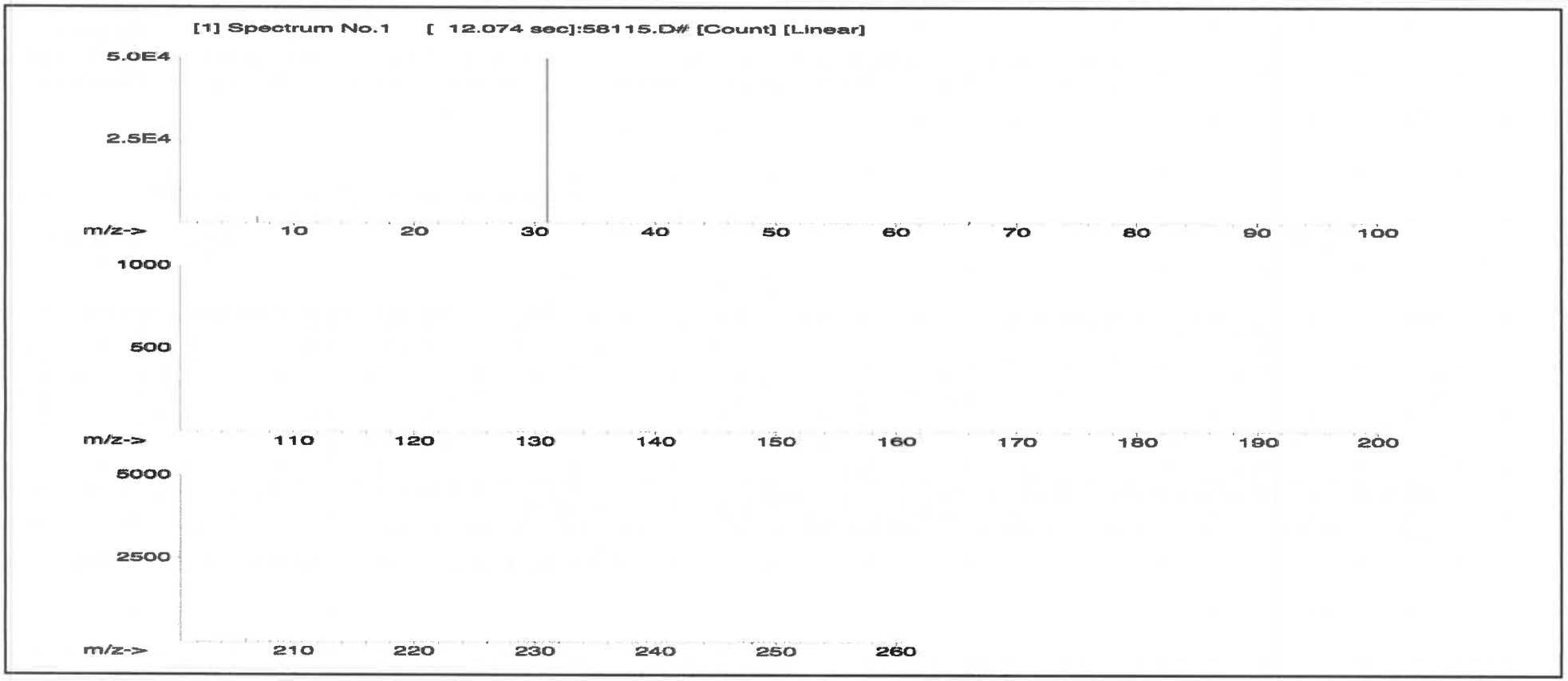
1911

CERTIFIED WEIGHT REPORT:

| | | | Lot # | |
|---|---|---|---|---|
| **Part Number:** | **57115** | **Solvent:** | 21110221 | Nitric Acid |
| **Lot Number:** | **041723** | | | |
| **Description:** | **Phosphorous (P)** | 2% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 041726 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **10000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Weight shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 041723 |
| Reviewed By: | Pedro L. Rentas | 041723 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium dihydrogen phosphate (P) | IN008 | PV082019A1 | 10000 | 99.999 | 0.10 | 27.5 | 72.7287 | 72.7289 | **10000.0** | **20.0** | 7722-76-1 | 5 mg/m3 | orl-rat >2000mg/kg | 3186 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | T | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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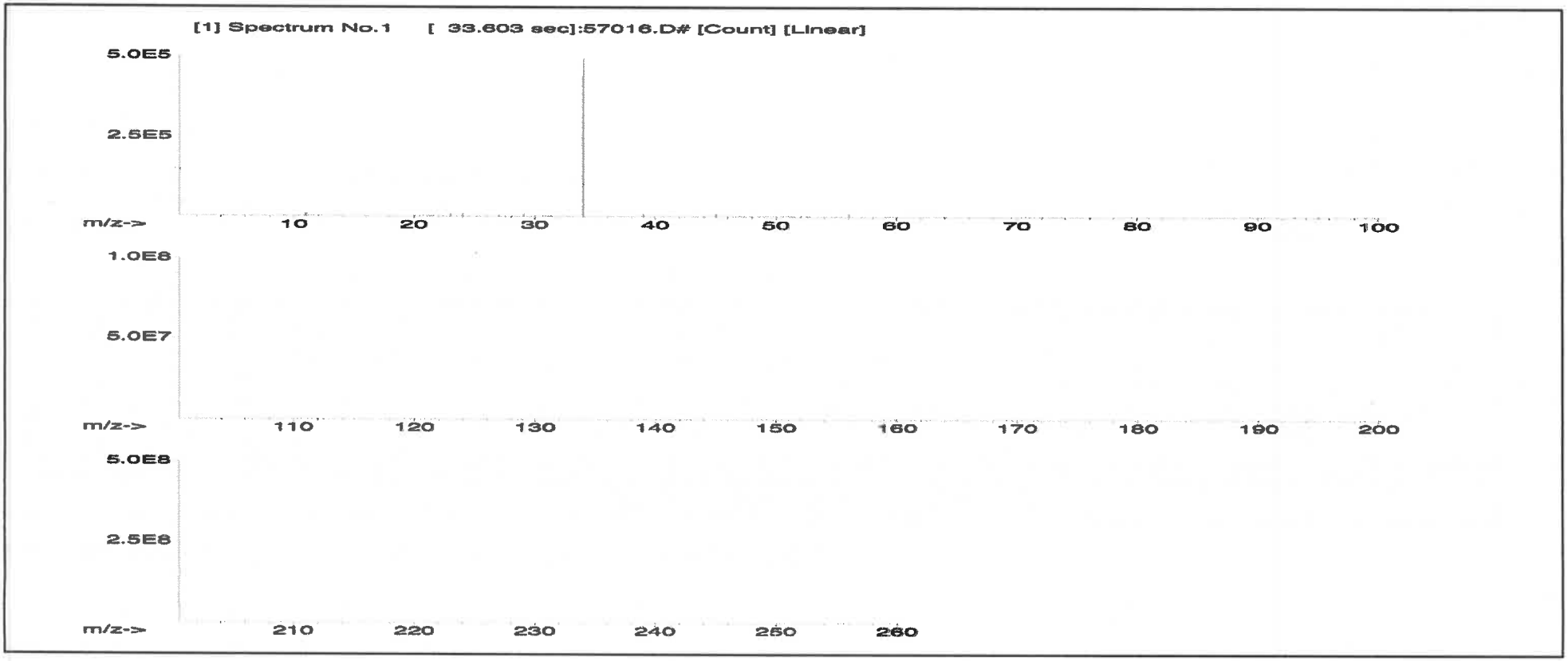
1913

CERTIFIED WEIGHT REPORT:

| | | | | |
|---|---|---|---|---|
| **Part Number:** | **57016** | **Solvent:** | **Lot #** 122923 | ASTM Type 1 Water |
| **Lot Number:** | **122923** | | | |
| **Description:** | **Sulfur (S)** | | | |
| **Expiration Date:** | 122926 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Weight shown below was diluted to (mL):** | 4000.0 | 0.06 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 122923 |
| Reviewed By: | Pedro L. Rentas | 122923 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium sulfate (S) | IN117 | SLBR7225V | 1000 | 99.9 | 0.10 | 24.3 | 16.4979 | 16.4980 | **1000.0** | **2.0** | 7783-20-2 | NA | orl-rat 4250mg/kg | 3181 |



1914

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | T | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1915

CERTIFIED WEIGHT REPORT:

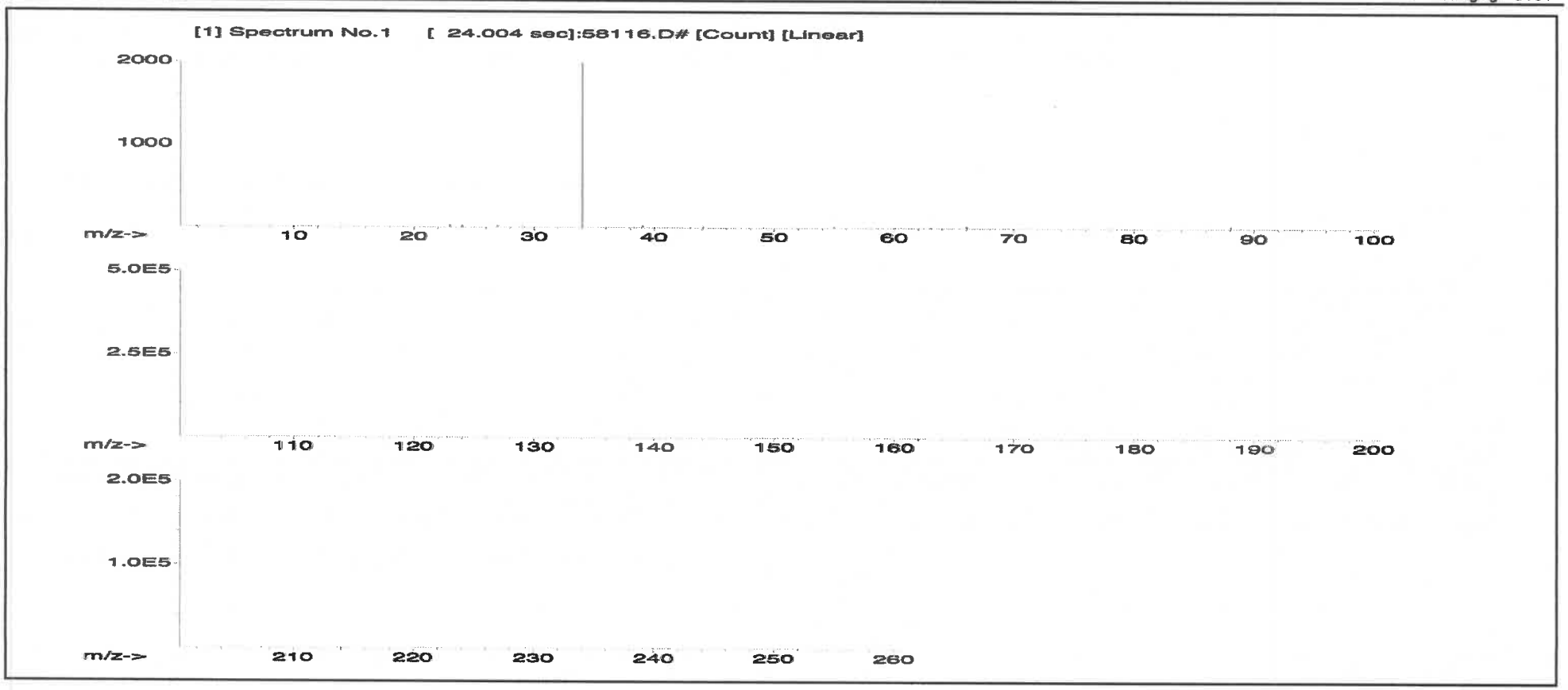
**Part Number:** 57116
**Lot Number:** 071123
**Description:** Sulfur (S)

**Lot #**
**Solvent:** 071123 ASTM Type 1 Water

**Expiration Date:** 071126
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB 5E-05 Balance Uncertainty
**Weight shown below was diluted to (mL):** 1999.48 0.058 Flask Uncertainty

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 071123 |
| Reviewed By: | Pedro L. Rentas | 071123 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium sulfate (S) | IN117 | SLBR7225V | 10000 | 99.9 | 0.10 | 24.3 | 82.4675 | 82.4682 | **10000.1** | **20.0** | 7783-20-2 | NA | orl-rat 4250mg/kg | 3181 |



1916

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | T | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1917

## CERTIFIED WEIGHT REPORT:

**Part Number:** 57014
**Lot Number:** 122023
**Description:** Silicon (Si)

**Expiration Date:** 122026
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB

**Weight shown below was diluted to (mL):** 1999.48 0.058 Flask Uncertainty

**Solvent:** 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

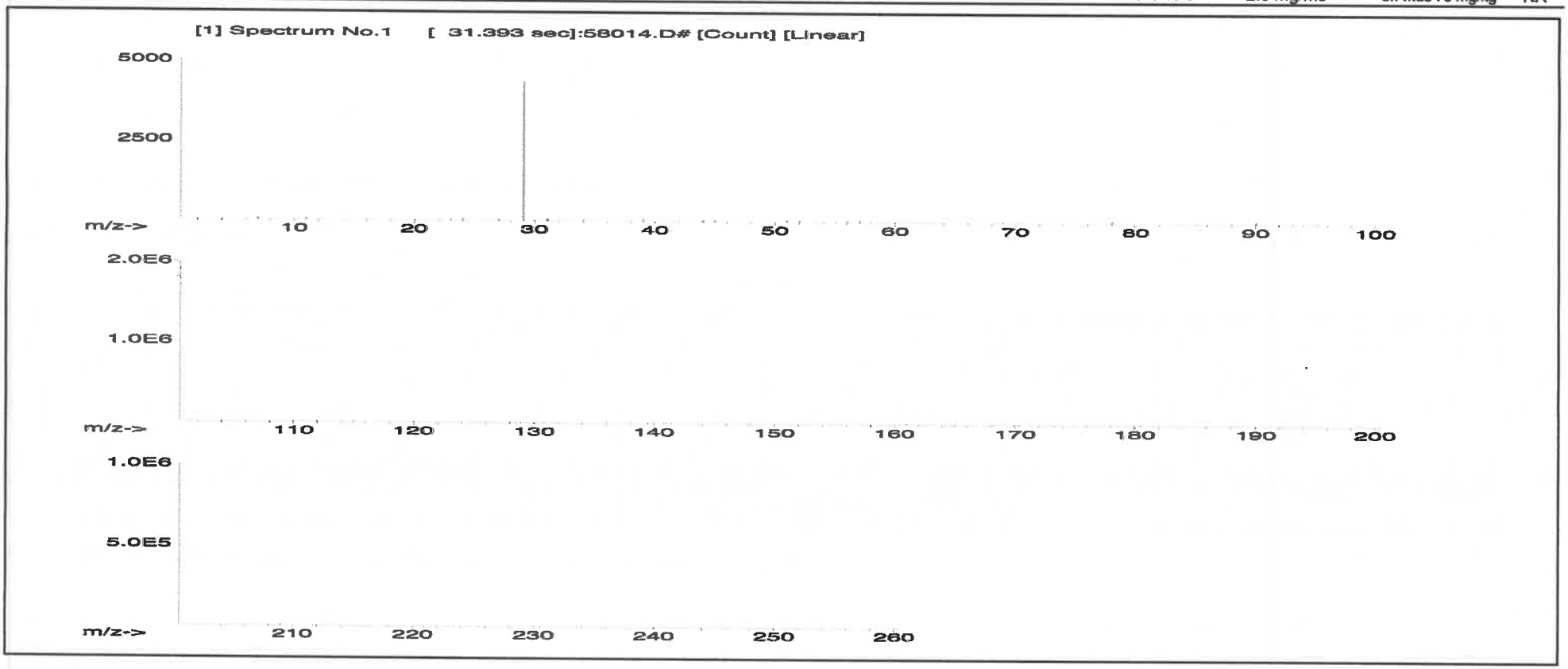
Aleah O'Brady

| Formulated By: | Aleah O'Brady | 122023 |
|---|---|---|

Pedro Rentas

| Reviewed By: | Pedro L. Rentas | 122023 |
|---|---|---|

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium hexafluorosilicate (Si) | IN009 | SID082022A1 | 1000 | 99.999 | 0.10 | 14.4 | 13.8854 | 13.8855 | **1000.0** | **2.0** | 16919-19-0 | 2.5 mg/m3 | orl-mus 70 mg/kg | NA |



1918

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | T | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1919

CERTIFIED WEIGHT REPORT:

**Part Number:** 58030
**Lot Number:** 111623
**Description:** Zinc (Zn)

**Expiration Date:** 111626
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB

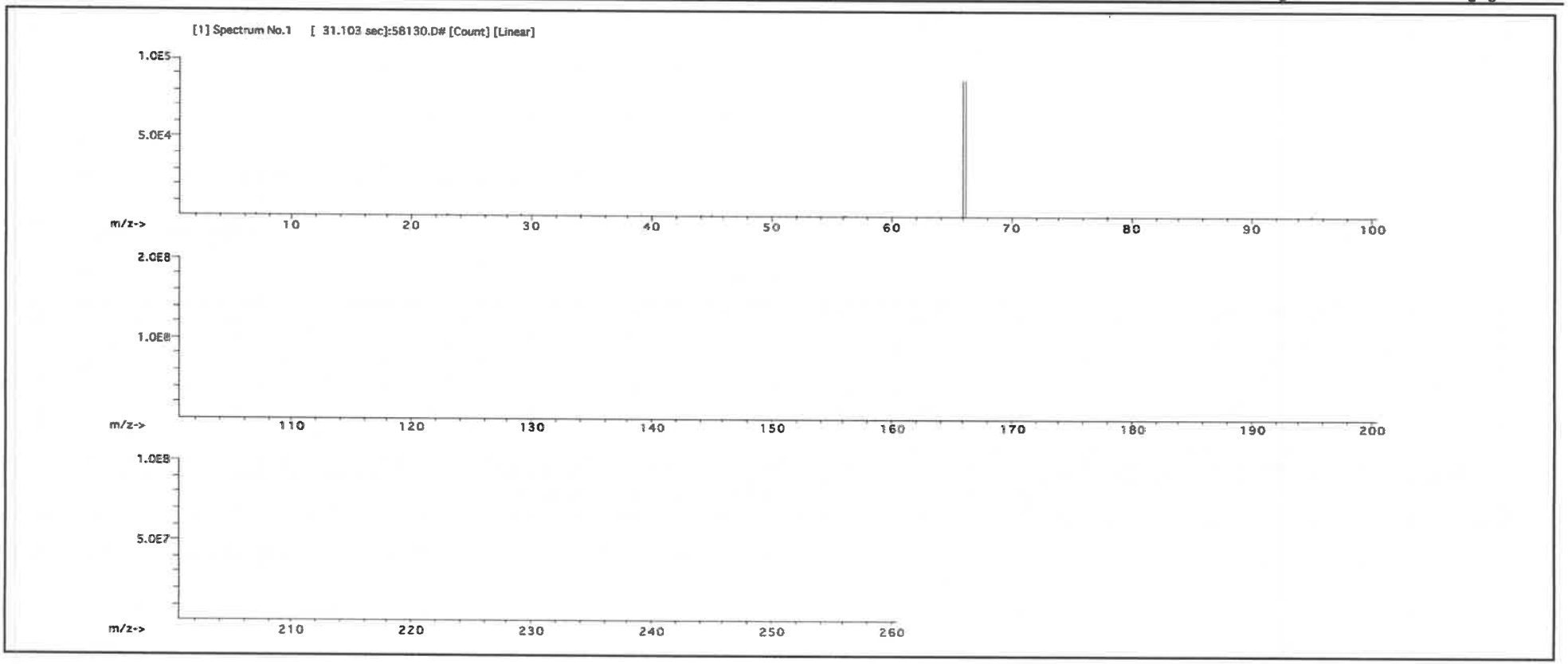
**Weight shown below was diluted to (mL):** 3000.4 0.06 Flask Uncertainty

| | | Lot # | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| | 2% | 60.0 (mL) | Nitric Acid |

5E-05 Balance Uncertainty

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 111623 |
| Reviewed By: | Pedro L. Rentas | 111623 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Zinc nitrate hexahydrate (Zn) | IN016 | ZNE032021A1 | 1000 | 99.999 | 0.10 | 24.3 | 12.3475 | 12.3502 | **1000.2** | **2.0** | 10196-18-6 | 1 mg/m3 | orl-rat 1190mg/kg | 3168 |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | T |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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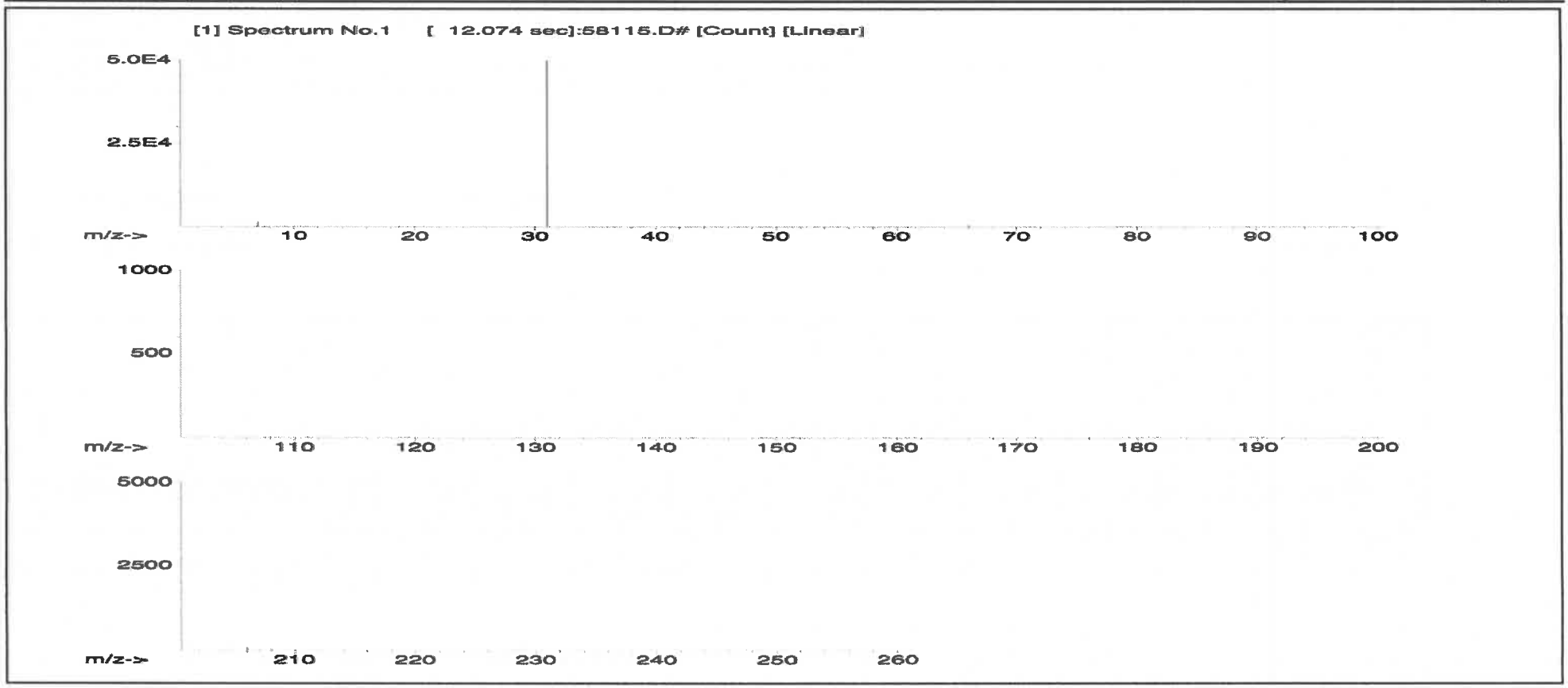
1921

CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57015** | | **Solvent:** | **Lot #** 24002546 | Nitric Acid |
| **Lot Number:** | **091123** | | | | |
| **Description:** | **Phosphorous (P)** | | 2% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 091126 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 091123 |
| Reviewed By: | Pedro L. Rentas | 091123 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium dihydrogen phosphate (P) | IN008 | PV082019A1 | 1000 | 99.999 | 0.10 | 27.5 | 7.2729 | 7.2730 | **1000.0** | **2.0** | 7722-76-1 | 5 mg/m3 | orl-rat >2000mg/k | 3186 |



1922

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | T | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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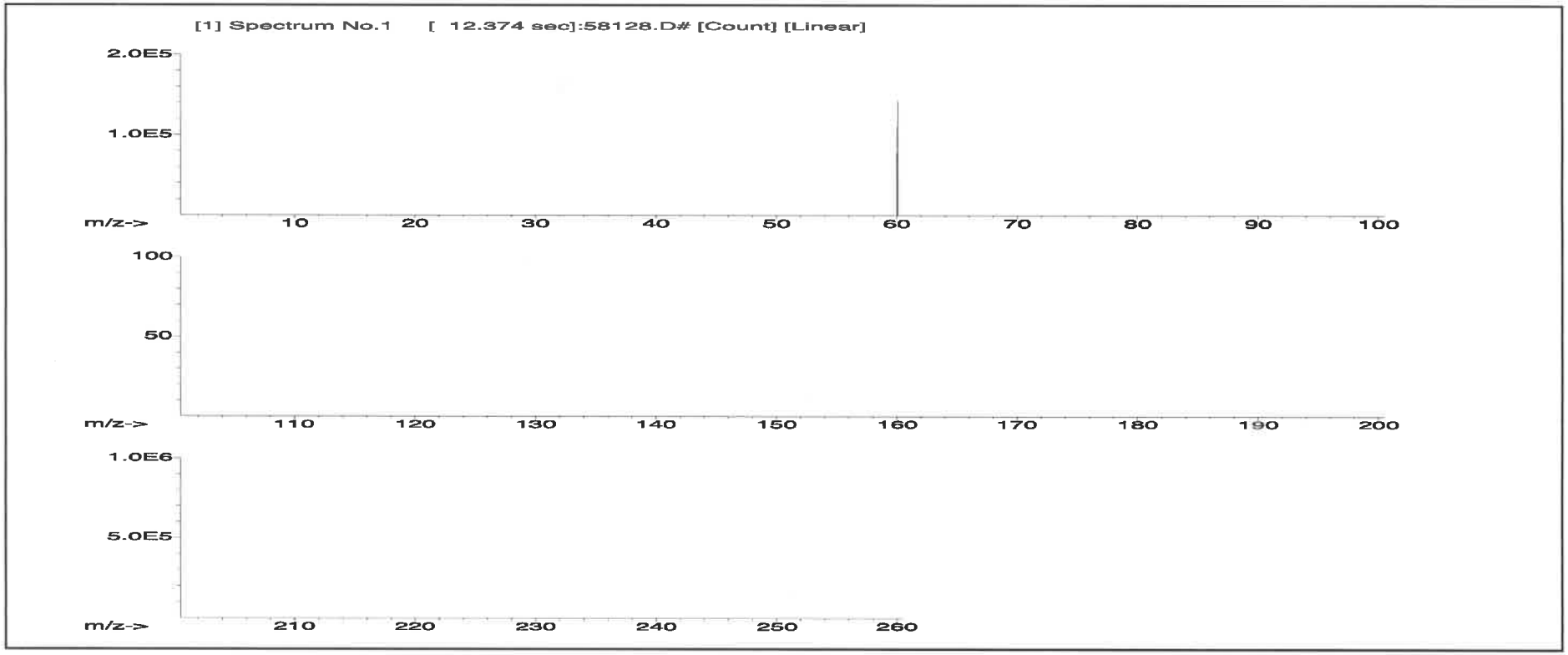
1923

CERTIFIED WEIGHT REPORT:

| | | | Lot # | |
|---|---|---|---|---|
| **Part Number:** | **57028** | **Solvent:** | 24002546 | Nitric Acid |
| **Lot Number:** | **041124** | | | |
| **Description:** | **Nickel (Ni)** | | | |
| | | 2% | 5.0 (mL) | Nitric Acid |
| **Expiration Date:** | 041127 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Weight shown below was diluted to (mL):** | 249.85 | 0.002 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Brian Geddes | 041124 |
| Reviewed By: | Pedro L. Rentas | 041124 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Nickel(II) nitrate hexahydrate (Ni) | IN033 | NIM052023A1 | 1000 | 99.999 | 0.10 | 20.2 | 1.2369 | 1.2369 | **1000.0** | **2.0** | 13478-00-7 | 1 mg/m3 | orl-rat 1620 mg/kg | 3136 |



1924

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | T | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

M5962 R! 06/14/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

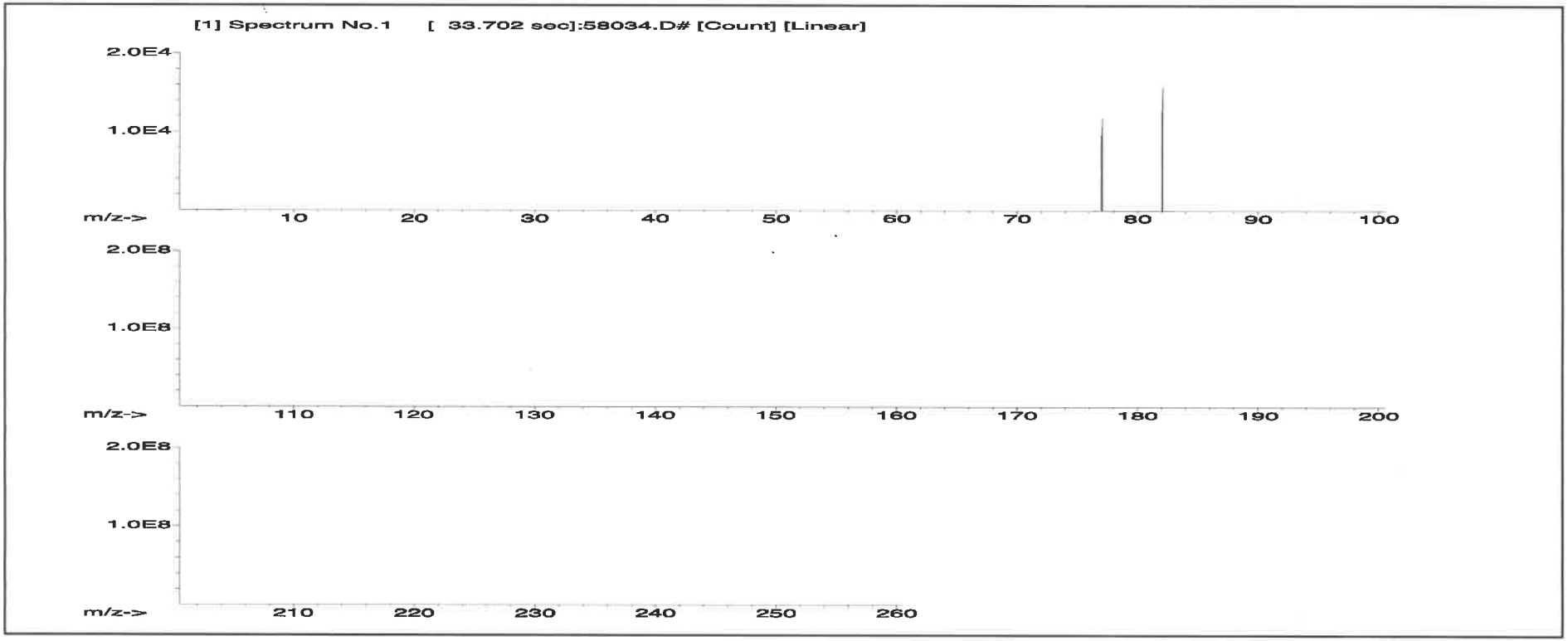
1925

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57034** | 24002546 | Nitric Acid | |
| **Lot Number:** | **060624** | | | |
| **Description:** | **Selenium (Se)** | | | |
| | | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 060627 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.07 | 0.100 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 060624 |
| Reviewed By: | Pedro L. Rentas | 060624 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Selenium (Se) | 58134 | 071223 | 0.1000 | 200.0 | 0.084 | 1000 | 10002.5 | **1000.0** | **2.2** | 7782-49-2 | 0.2 mg/m3 | orl-rat 6700 mg/kg | 3149 |



1926

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | T | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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# Certificate of Analysis

M5976, M5977
R: 02/22/24

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P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Single Analyte Custom Grade Solution |
| Catalog Number: | CGMO1 |
| Lot Number: | T2-MO720876 |
| Matrix: | H2O<br>tr. NH4OH |
| Value / Analyte(s): | 1 000 µg/mL ea:<br>Molybdenum |
| Starting Material: | Ammonium Molybdate |
| Starting Material Lot#: | 2361 |
| Starting Material Purity: | 99.9893% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 998 ± 7 µg/mL

**Density:** 1.000 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

**Assay Method #1** **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty



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## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | Ag | < | 0.000590 | M | Eu | < | 0.000300 | M | Na | | 0.000879 | M | Se | < | 0.008000 | M | Zn | | 0.000598 |
| M | Al | | 0.000563 | M | Fe | < | 0.006500 | M | Nb | < | 0.029000 | i | Si | < | | M | Zr | < | 0.001800 |
| M | As | < | 0.002100 | M | Ga | < | 0.000300 | i | Nd | < | | M | Sm | < | 0.000300 | | | | |
| M | Au | < | 0.000300 | M | Gd | < | 0.000300 | M | Ni | < | 0.008000 | M | Sn | < | 0.008900 | | | | |
| M | B | < | 0.003300 | M | Ge | < | 0.000300 | M | Os | < | 0.000590 | M | Sr | | 0.000175 | | | | |
| M | Ba | | 0.001689 | M | Hf | < | 0.001800 | i | P | < | | M | Ta | < | 0.004200 | | | | |
| M | Be | < | 0.000890 | M | Hg | < | 0.003300 | M | Pb | < | 0.000300 | M | Tb | < | 0.000300 | | | | |
| M | Bi | < | 0.000890 | M | Ho | < | 0.000300 | M | Pd | < | 0.001800 | M | Te | < | 0.021000 | | | | |
| O | Ca | | 0.006334 | M | In | < | 0.032000 | M | Pr | < | 0.013000 | M | Th | < | 0.000300 | | | | |
| O | Cd | < | 0.026000 | M | Ir | < | 0.000300 | M | Pt | < | 0.000300 | O | Tl | < | 0.032000 | | | | |
| M | Ce | < | 0.008300 | M | K | | 0.130213 | M | Rb | | 0.004575 | M | Tl | | 0.001266 | | | | |
| M | Co | | 0.000598 | M | La | < | 0.000300 | M | Re | < | 0.000300 | M | Tm | < | 0.000300 | | | | |
| M | Cr | | 0.000527 | O | Li | | 0.000059 | M | Rh | < | 0.000300 | M | U | < | 0.005300 | | | | |
| M | Cs | | 0.000527 | M | Lu | < | 0.000300 | M | Ru | < | 0.079000 | M | V | < | 0.000890 | | | | |
| M | Cu | | 0.002252 | M | Mg | | 0.000563 | i | S | < | | M | W | | 0.087982 | | | | |
| M | Dy | < | 0.000300 | M | Mn | < | 0.005900 | M | Sb | | 0.001513 | M | Y | < | 0.000300 | | | | |
| M | Er | < | 0.000300 | s | Mo | < | | M | Sc | < | 0.001200 | M | Yb | < | 0.000300 | | | | |

M - Checked by ICP-MS  O - Checked by ICP-OES  i - Spectral Interference
n - Not Checked For  s - Solution Standard Element

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**Atomic Weight; Valence; Coordination Number; Chemical Form in Solution -** 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

**Chemical Compatibility -**Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

**Stability -** 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

**Mo Containing Samples (Preparation and Solution) -**Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl ).

**Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):**

| **Technique/Line** | **Estimated D.L.** | **Order** | **Interferences** (underlined indicates severe) |
|---|---|---|---|
| ICP-MS 95 amu | 3 ppt | n/a | 40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+ |
| ICP-OES 202.030 nm | 0.008 / 0.0002 µg/mL | 1 | Os, Hf |
| ICP-OES 203.844 nm | 0.012 / 0.002 µg/mL | 1 | |
| ICP-OES 204.598 nm | 0.012 / 0.001 µg/mL | 1 | Ir, Ta |

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02



## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- July 17, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Prepared By:**

Uyen Truong
Supervisor, Product Documentation



**Certificate Approved By:**

Michael Booth
Director, Technical



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



1931

M5978, M5979

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# Certificate of Analysis

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info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Single Analyte Custom Grade Solution |
| Catalog Number: | CGTI1 |
| Lot Number: | T2-TI719972 |
| Matrix: | 2% (v/v) HNO3<br>tr. HF |
| Value / Analyte(s): | 1 000 µg/mL ea:<br>Titanium |
| Starting Material: | Ti Metal |
| Starting Material Lot#: | 2094 |
| Starting Material Purity: | 99.9975% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 1002 ± 5 µg/mL

**Density:** 1.012 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

**Assay Method #1** **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

**Characterization of CRM/RM by Two or More Methods**

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$
$w_i$ = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\ (u_{char\ i})^2)^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty
$u_{lts}$ = long term stability standard uncertainty (storage)
$u_{ts}$ = transport stability standard uncertainty

**Characterization of CRM/RM by One Method**

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

$X_a$ = mean of Assay Method A with
$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization
$u_{bb}$ = bottle to bottle homogeneity standard uncertainty
$u_{lts}$ = long term stability standard uncertainty (storage)
$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | Ag | < | 0.000536 | M | Eu | < | 0.000268 | O | Na | < | 0.032670 | M | Se | | 0.001204 | O | Zn | < | 0.003267 |
| O | Al | | 0.000872 | O | Fe | | 0.003225 | O | Nb | < | 0.043560 | O | Si | | 0.004735 | O | Zr | < | 0.043560 |
| M | As | < | 0.008586 | M | Ga | < | 0.000268 | M | Nd | < | 0.000268 | M | Sm | < | 0.000268 | | | | |
| M | Au | < | 0.004577 | M | Gd | < | 0.000268 | O | Ni | < | 0.010890 | M | Sn | | 0.000096 | | | | |
| O | B | < | 0.008929 | M | Ge | < | 0.002146 | M | Os | < | 0.000269 | O | Sr | | 0.000096 | | | | |
| M | Ba | < | 0.002683 | M | Hf | | 0.002161 | O | P | < | 0.054450 | M | Ta | | 0.010560 | | | | |
| M | Be | < | 0.005366 | M | Hg | < | 0.003231 | M | Pb | < | 0.001073 | M | Tb | < | 0.000268 | | | | |
| M | Bi | < | 0.001609 | M | Ho | < | 0.000268 | M | Pd | < | 0.000268 | M | Te | < | 0.001341 | | | | |
| O | Ca | | 0.000676 | M | In | < | 0.002683 | M | Pr | < | 0.000268 | M | Th | < | 0.053663 | | | | |
| M | Cd | < | 0.000268 | M | Ir | < | 0.000269 | M | Pt | < | 0.000536 | s | Ti | < | | | | | |
| M | Ce | < | 0.000268 | M | K | | 0.001172 | M | Rb | < | 0.000268 | M | Tl | < | 0.000268 | | | | |
| M | Co | < | 0.004293 | M | La | < | 0.000268 | M | Re | < | 0.000268 | M | Tm | < | 0.000268 | | | | |
| M | Cr | | 0.000752 | O | Li | < | 0.027225 | M | Rh | < | 0.000268 | M | U | < | 0.000268 | | | | |
| M | Cs | < | 0.000268 | M | Lu | < | 0.000268 | M | Ru | < | 0.000269 | M | V | < | 0.019855 | | | | |
| O | Cu | < | 0.010890 | O | Mg | < | 0.005445 | i | S | < | | M | W | | 0.000473 | | | | |
| M | Dy | < | 0.000268 | O | Mn | < | 0.003267 | M | Sb | < | 0.006976 | M | Y | < | 0.002146 | | | | |
| M | Er | < | 0.000268 | M | Mo | | 0.000774 | O | Sc | < | 0.004900 | M | Yb | < | 0.000536 | | | | |

M - Checked by ICP-MS  O - Checked by ICP-OES  i - Spectral Interference
n - Not Checked For  s - Solution Standard Element

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**Atomic Weight; Valence; Coordination Number; Chemical Form in Solution -** 47.87 +4 6 Ti(F)6-2

**Chemical Compatibility -** Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

**Stability -** 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

**Ti Containing Samples (Preparation and Solution) -** Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores ( fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

**Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):**

| Technique/Line | Estimated D.L. | Order | Interferences (underlined indicates severe) |
|---|---|---|---|
| ICP-MS 48 amu | 14 ppt | N/A | 32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)] |
| ICP-OES 323.452 nm | 0.0054 / 0.00092 µg/mL | 1 | Ce, Ar, Ni |
| ICP-OES 334.941 nm | 0.0038 / 0.000028 µg/mL | 1 | Nb, Ta, Cr, U |
| ICP-OES 336.121 nm | 0.0053 / 0.000034 µg/mL | 1 | W, Mo, Co |

**HF Note:** This standard should not be prepared or stored in glass.

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

**10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"**

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- June 17, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Thomas Kozikowski
Manager, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57092** | 24002546 | Nitric Acid | | |
| **Lot Number:** | **060724** | | | | |
| **Description:** | **Uranium (U)** | 2.0% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 060727 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Volume shown below was diluted to (mL):** | 2000.07 | 0.100 | Flask Uncertainty | | |

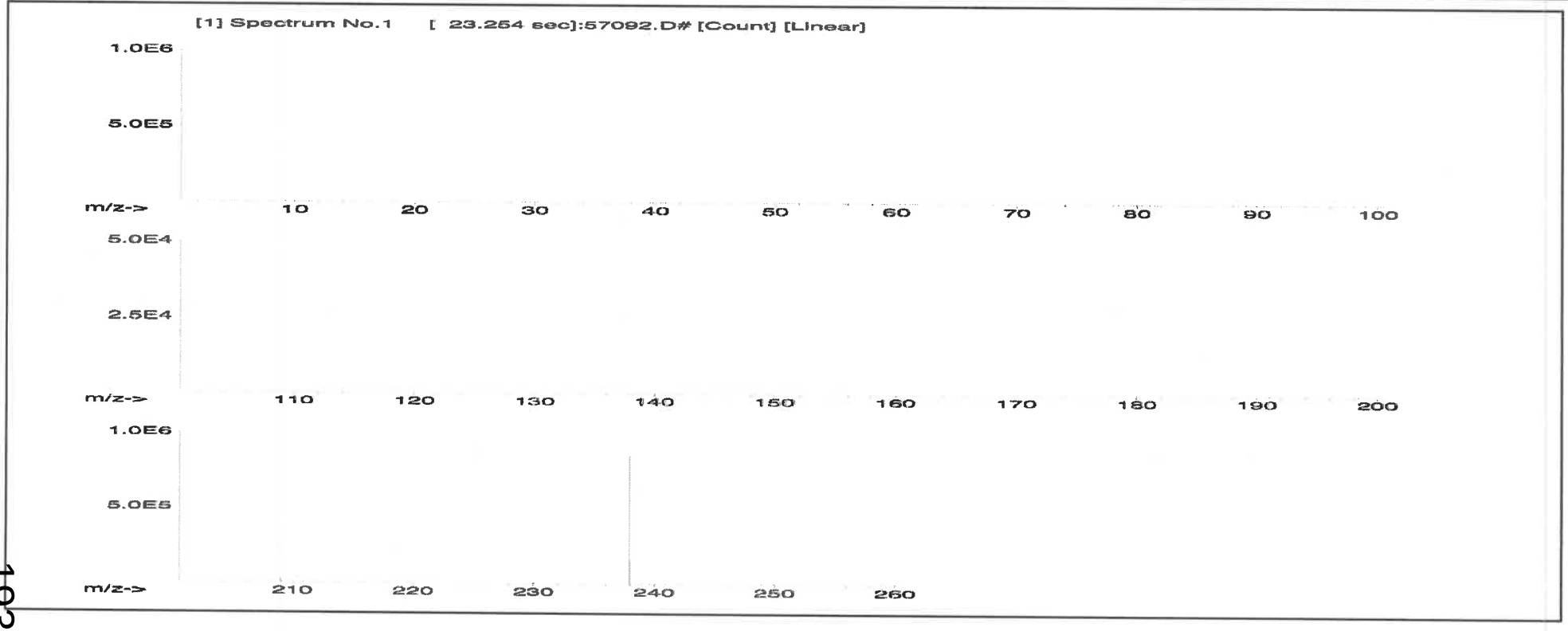
Giovanni Esposito

| Formulated By: | Giovanni Esposito | 060724 |
|---|---|---|

Pedro Rentas

| Reviewed By: | Pedro L. Rentas | 060724 |
|---|---|---|

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Uranyl nitrate hexahydrate (U) | 58192 | 041524 | 0.1000 | 200.0 | 0.084 | 1000 | 10001.5 | **1000.0** | **2.2** | 13520-83-7 | 0.05 mg/m3 | orl-rat 1040 mg/kg | 3164 |




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**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | T |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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***Certified Reference Material CRM***

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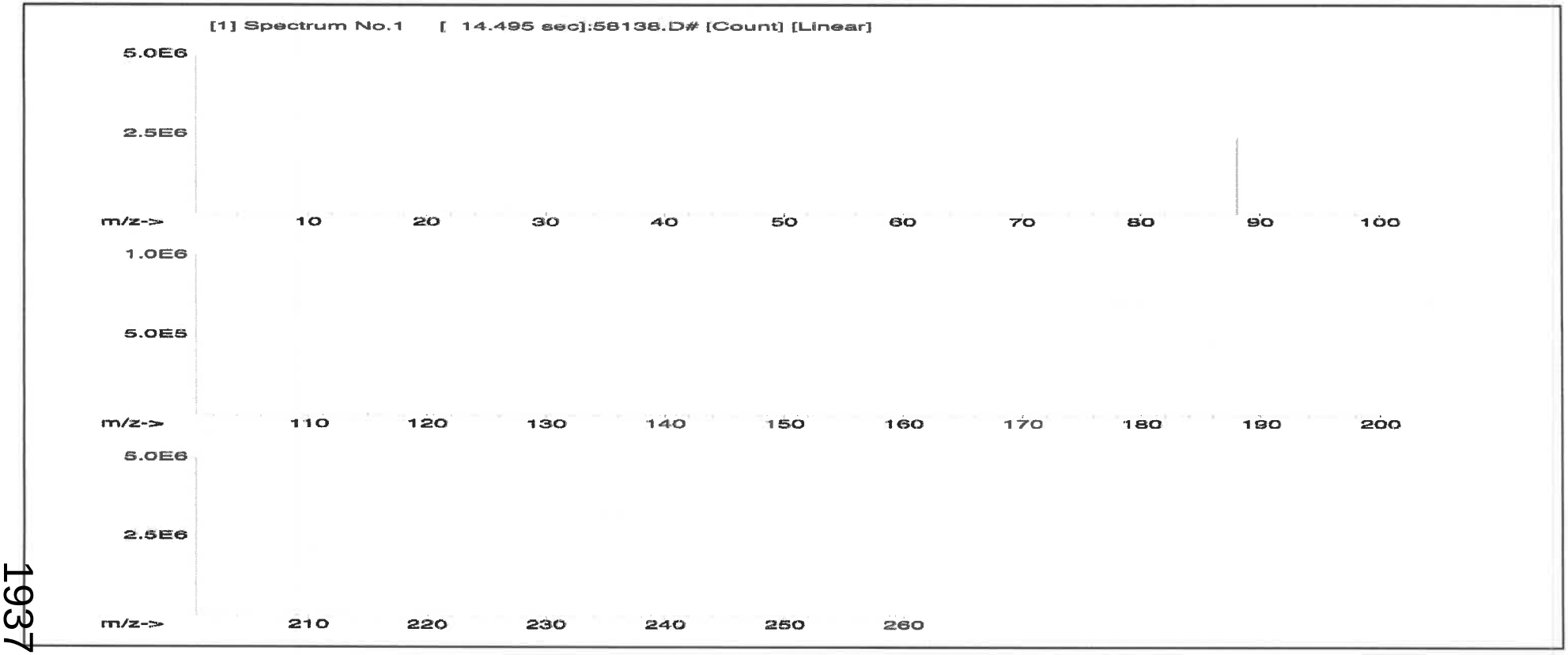
45982 R: 6/11/24

CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57038** | | **Lot #** | | |
| **Lot Number:** | **031524** | **Solvent:** | 24002546 | Nitric Acid | |
| **Description:** | **Strontium (Sr)** | 2% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 031527 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 2000.07 | 0.100 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 031524 |
| Reviewed By: | Pedro L. Rentas | 031524 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Strontium nitrate (Sr) | IN017 | SRZ022018A1 | 1000 | 99.997 | 0.10 | 41.2 | 4.85470 | 4.85502 | **1000.1** | **2.0** | 10042-76-9 | NA | orl-rat >2000mg/kg | 3153a |




1937

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | T | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1938

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M5983 R: 6/11/24

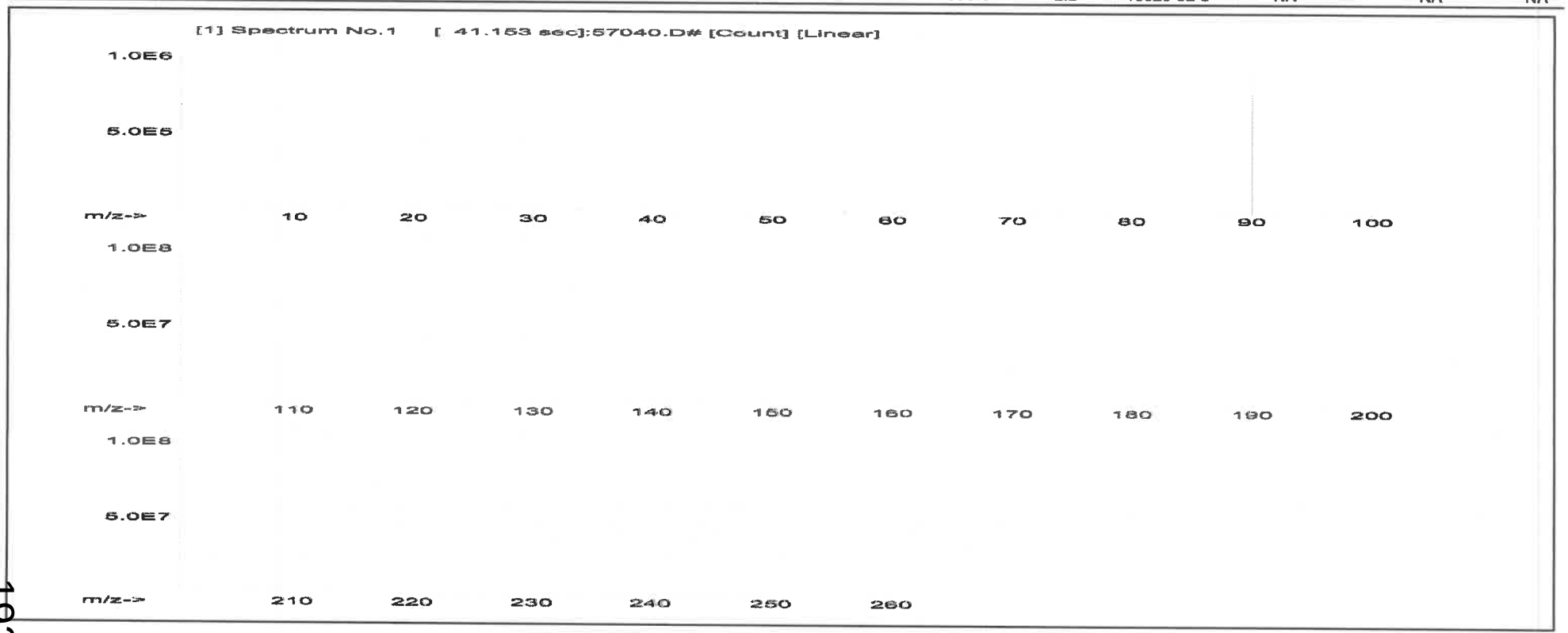
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57040** | 21110221 | Nitric Acid | |
| **Lot Number:** | **071423** | | | |
| **Description:** | **Zirconium (Zr)** | | | |
| | | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 071426 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 071423 |
| Reviewed By: | Pedro L. Rentas | 071423 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Zirconyl chloride octahydrate (Zr) | 58140 | 070621 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.3 | **1000.0** | **2.2** | 13520-92-8 | NA | NA | NA |




1939

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | T |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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# Certificate of Analysis

Refine your results. Redefine your industry.

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

R: 2/22/2024
M5999

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | CLPP-SPK-1 |
| Lot Number: | T2-MEB721963 |
| Matrix: | 7% (v/v) HNO3 |
| Value / Analyte(s): | 2 000 µg/mL ea: Aluminum, Barium,<br>1 000 µg/mL ea: Iron,<br>500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,<br>250 µg/mL ea: Copper,<br>200 µg/mL ea: Chromium,<br>50 µg/mL ea: Beryllium, Silver |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| Aluminum, Al | 2 000 ± 7 µg/mL | Barium, Ba | 2 000 ± 9 µg/mL |
| Beryllium, Be | 50.00 ± 0.26 µg/mL | Chromium, Cr | 200.0 ± 1.1 µg/mL |
| Cobalt, Co | 500.0 ± 2.4 µg/mL | Copper, Cu | 250.0 ± 1.0 µg/mL |
| Iron, Fe | 1 000 ± 4 µg/mL | Manganese, Mn | 500.0 ± 2.0 µg/mL |
| Nickel, Ni | 500.0 ± 2.2 µg/mL | Silver, Ag | 50.00 ± 0.22 µg/mL |
| Vanadium, V | 500.0 ± 2.2 µg/mL | Zinc, Zn | 500.0 ± 2.2 µg/mL |

**Density:** 1.070 g/mL (measured at 20 ± 4 °C)

**Assay Information:**



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| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Ag | ICP Assay | 3151 | 160729 |
| Ag | Volhard | 999c | 999c |
| Ag | Calculated | | See Sec. 4.2 |
| Al | ICP Assay | 3101a | 140903 |
| Al | EDTA | 928 | 928 |
| Ba | ICP Assay | 3104a | 140909 |
| Ba | Gravimetric | | See Sec. 4.2 |
| Be | ICP Assay | 3105a | 090514 |
| Be | Calculated | | See Sec. 4.2 |
| Co | ICP Assay | 3113 | 190630 |
| Co | EDTA | 928 | 928 |
| Cr | ICP Assay | 3112a | 170630 |
| Cu | ICP Assay | 3114 | 121207 |
| Cu | EDTA | 928 | 928 |
| Fe | ICP Assay | 3126a | 140812 |
| Fe | EDTA | 928 | 928 |
| Mn | ICP Assay | 3132 | 050429 |
| Mn | EDTA | 928 | 928 |
| Ni | ICP Assay | 3136 | 120619 |
| Ni | EDTA | 928 | 928 |
| V | IC Assay | 3165 | 160906 |
| V | EDTA | 928 | 928 |
| Zn | ICP Assay | 3168a | 120629 |
| Zn | EDTA | 928 | 928 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**Note**: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

### 11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

### 11.2 Lot Expiration Date

**- July 27, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

### 11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Thomas Kozikowski
Manager, Quality Control



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1945

CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **58113** | | **Solvent:** | 20510011 | Nitric Acid |
| **Lot Number:** | **011623** | | | | |
| **Description:** | **Aluminum (Al)** | | | | |
| | | | 2% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 011626 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **10000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | | |

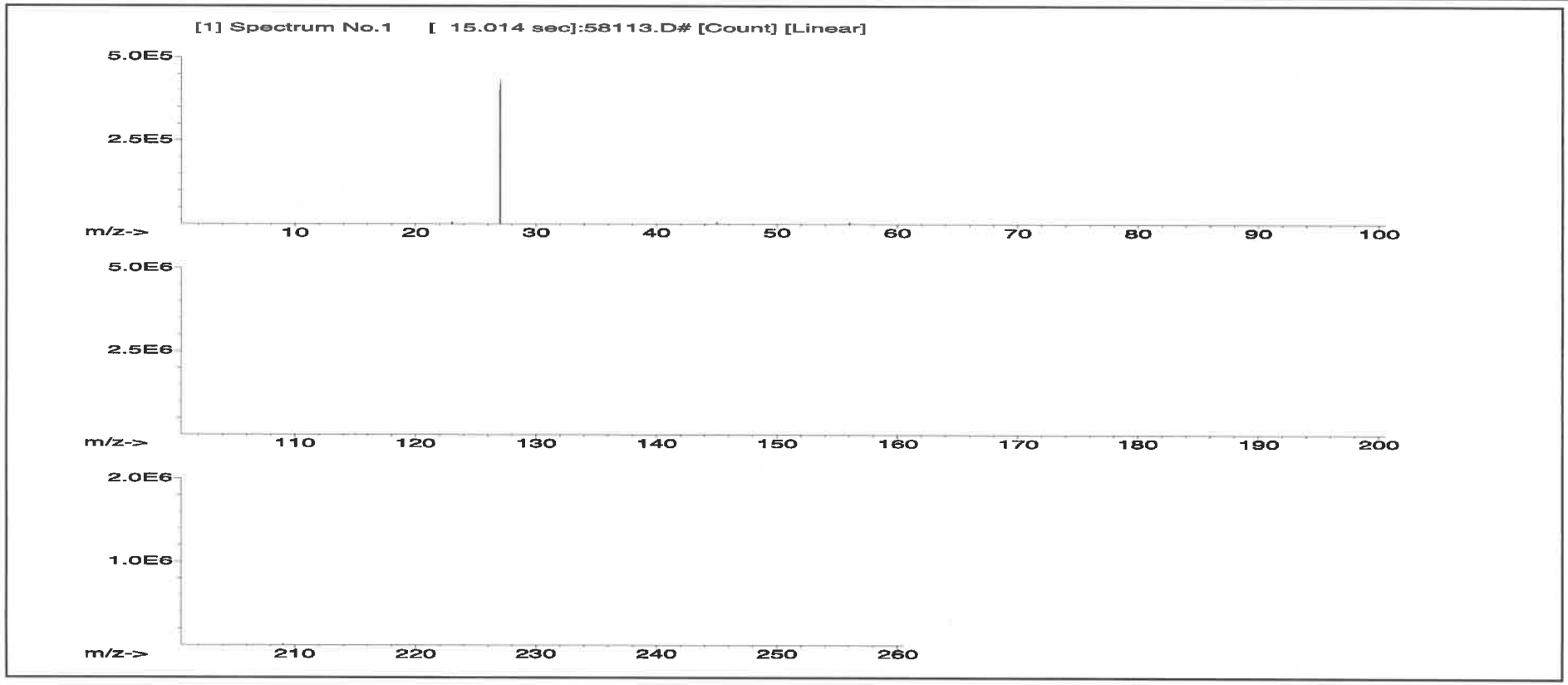
Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 011623 |

Pedro Rentas

| | | |
|---|---|---|
| Reviewed By: | Pedro L. Rentas | 011623 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Aluminum nitrate nonahydrate (Al) | IN022 | ALM112021A1 | 10000 | 99.999 | 0.10 | 7.30 | 273.9779 | 274.0078 | **10001.1** | **20.0** | 7784-27-2 | 2 mg/m3 | orl-rat 3671 mg/kg | 3101a |



Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| ACS - Assay (as HCl) (by acid-base titrn) | 36.5 - 38.0 % | 37.6 % |
| ACS - Color (APHA) | ≤ 10 | 5 |
| ACS - Residue after Ignition | ≤ 3 ppm | < 1 ppm |
| ACS - Specific Gravity at 60°/60°F | 1.185 - 1.192 | 1.192 |
| ACS - Bromide (Br) | ≤ 0.005 % | < 0.005 % |
| ACS - Extractable Organic Substances | ≤ 5 ppm | < 1 ppm |
| ACS - Free Chlorine (as $Cl_2$) | ≤ 0.5 ppm | < 0.5 ppm |
| Phosphate ($PO_4$) | ≤ 0.05 ppm | 0.03 ppm |
| Sulfate ($SO_4$) | ≤ 0.5 ppm | < 0.3 ppm |
| Sulfite ($SO_3$) | ≤ 0.8 ppm | 0.3 ppm |
| Ammonium ($NH_4$) | ≤ 3 ppm | < 1 ppm |
| Trace Impurities - Arsenic (As) | ≤ 0.010 ppm | < 0.003 ppm |
| Trace Impurities - Aluminum (Al) | ≤ 10.0 ppb | < 5.0 ppb |
| Arsenic and Antimony (as As) | ≤ 5.0 ppb | < 3.0 ppb |
| Trace Impurities - Barium (Ba) | ≤ 1.0 ppb | < 1.0 ppb |
| Trace Impurities - Beryllium (Be) | ≤ 1.0 ppb | < 1.0 ppb |
| Trace Impurities - Bismuth (Bi) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities - Boron (B) | ≤ 20.0 ppb | 2.2 ppb |
| Trace Impurities - Cadmium (Cd) | ≤ 1.0 ppb | < 1.0 ppb |
| Trace Impurities - Calcium (Ca) | ≤ 50.0 ppb | 31.0 ppb |
| Trace Impurities - Chromium (Cr) | ≤ 1.0 ppb | 0.5 ppb |
| Trace Impurities - Cobalt (Co) | ≤ 1.0 ppb | 0.2 ppb |
| Trace Impurities - Copper (Cu) | ≤ 1.0 ppb | < 0.1 ppb |
| Trace Impurities - Gallium (Ga) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities - Germanium (Ge) | ≤ 3.0 ppb | < 2.0 ppb |
| Trace Impurities - Gold (Au) | ≤ 4.0 ppb | < 0.2 ppb |
| Heavy Metals (as Pb) | ≤ 100 ppb | < 50 ppb |
| Trace Impurities - Iron (Fe) | ≤ 15 ppb | 3 ppb |

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

| Test | Specification | Result |
|---|---|---|
| Trace Impurities – Lead (Pb) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Lithium (Li) | ≤ 1.0 ppb | < 0.1 ppb |
| Trace Impurities – Magnesium (Mg) | ≤ 10.0 ppb | 2.2 ppb |
| Trace Impurities – Manganese (Mn) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Mercury (Hg) | ≤ 0.5 ppb | < 0.1 ppb |
| Trace Impurities – Molybdenum (Mo) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Nickel (Ni) | ≤ 4.0 ppb | 0.2 ppb |
| Trace Impurities – Niobium (Nb) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Potassium (K) | ≤ 9.0 ppb | < 1.0 ppb |
| Trace Impurities – Selenium (Se), For Information Only | | < 1.0 ppb |
| Trace Impurities – Silicon (Si) | ≤ 100.0 ppb | < 10.0 ppb |
| Trace Impurities – Silver (Ag) | ≤ 1.0 ppb | < 0.3 ppb |
| Trace Impurities – Sodium (Na) | ≤ 100.0 ppb | 2.0 ppb |
| Trace Impurities – Strontium (Sr) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Tantalum (Ta) | ≤ 1.0 ppb | < 0.9 ppb |
| Trace Impurities – Thallium (Tl) | ≤ 5.0 ppb | < 2.0 ppb |
| Trace Impurities – Tin (Sn) | ≤ 5.0 ppb | < 0.4 ppb |
| Trace Impurities – Titanium (Ti) | ≤ 1.0 ppb | 0.2 ppb |
| Trace Impurities – Vanadium (V) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Zinc (Zn) | ≤ 5.0 ppb | < 0.2 ppb |
| Trace Impurities – Zirconium (Zr) | ≤ 1.0 ppb | < 0.1 ppb |

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

| Test | Specification | Result |
|---|---|---|

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | IV-STOCK-12 |
| Lot Number: | U2-MEB734294 |
| Matrix: | 5% (v/v) HNO3 |
| Value / Analyte(s): | 10 µg/mL ea: |

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| Barium, Ba | 10.01 ± 0.04 µg/mL | Beryllium, Be | 10.01 ± 0.05 µg/mL |
| Bismuth, Bi | 10.01 ± 0.06 µg/mL | Cerium, Ce | 10.01 ± 0.04 µg/mL |
| Cobalt, Co | 10.01 ± 0.05 µg/mL | Indium, In | 10.01 ± 0.04 µg/mL |
| Lead, Pb | 10.00 ± 0.04 µg/mL | Lithium, Li | 10.01 ± 0.04 µg/mL |
| Nickel, Ni | 10.01 ± 0.04 µg/mL | Uranium, U | 10.01 ± 0.05 µg/mL |

**Density:** 1.025 g/mL (measured at 20 ± 4 °C)

**Assay Information:**



1949

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Ba | ICP Assay | 3104a | 140909 |
| Ba | Calculated | | See Sec. 4.2 |
| Ba | Gravimetric | | See Sec. 4.2 |
| Be | ICP Assay | 3105a | 090514 |
| Be | Calculated | | See Sec. 4.2 |
| Bi | ICP Assay | 3106 | 180815 |
| Ce | ICP Assay | 3110 | 160830 |
| Ce | EDTA | 928 | 928 |
| Ce | Calculated | | See Sec. 4.2 |
| Co | ICP Assay | 3113 | 190630 |
| Co | EDTA | 928 | 928 |
| Co | Calculated | | See Sec. 4.2 |
| In | ICP Assay | 3124a | 110516 |
| In | EDTA | 928 | 928 |
| In | Calculated | | See Sec. 4.2 |
| Li | ICP Assay | 3129a | 100714 |
| Li | Calculated | | See Sec. 4.2 |
| Li | Gravimetric | | See Sec. 4.2 |
| Ni | ICP Assay | 3136 | 120619 |
| Ni | EDTA | 928 | 928 |
| Ni | Calculated | | See Sec. 4.2 |
| Pb | ICP Assay | 3128 | 101026 |
| Pb | EDTA | 928 | 928 |
| Pb | Calculated | | See Sec. 4.2 |
| U | ICP Assay | traceable to 3164 | R2-U689597 |
| U | Calculated | | See Sec. 4.2 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Certified Abundance:**

**IV's Certified Abundance**

| Isotope | Atom % |
|---|---|
| Uranium 238U | 99.8 ± 0.1 |
| Uranium 235U | 0.19 ± 0.05 |

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

**6.1** This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

**6.2** For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

**10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"**

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

**10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"**

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- June 21, 2028**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Thomas Kozikowski
Manager, Quality Control



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

R → 10/13/24
Met dig

M 6121

Material No.: 9530-33
Batch No.: 0000275677
Manufactured Date: 2020/12/16
Retest Date: 2025/12/15
Revision No: 1

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| ACS - Assay (as HCl) (by acid-base titrn) | 36.5 - 38.0 % | 37.6 |
| ACS - Color (APHA) | <= 10 | 5 |
| ACS - Residue after Ignition | <= 3 ppm | 1 |
| ACS - Specific Gravity at 60°/60°F | 1.185 - 1.192 | 1.190 |
| ACS - Bromide (Br) | <= 0.005 % | < 0.005 |
| ACS - Extractable Organic Substances | <= 5 ppm | 1 |
| ACS - Free Chlorine (as $Cl_2$) | <= 0.5 ppm | < 0.5 |
| Phosphate ($PO_4$) | <= 0.05 ppm | < 0.03 |
| Sulfate ($SO_4$) | <= 0.5 ppm | < 0.3 |
| Sulfite ($SO_3$) | <= 0.8 ppm | 0.3 |
| Ammonium ($NH_4$) | <= 3 ppm | < 1 |
| Trace Impurities - Arsenic (As) | <= 0.010 ppm | < 0.003 |
| Trace Impurities - Aluminum (Al) | <= 10.0 ppb | < 0.2 |
| Arsenic and Antimony (as As) | <= 5 ppb | < 3 |
| Trace Impurities - Barium (Ba) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Beryllium (Be) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Bismuth (Bi) | <= 10.0 ppb | < 1.0 |
| Trace Impurities - Boron (B) | <= 20.0 ppb | < 5.0 |
| Trace Impurities - Cadmium (Cd) | <= 1.0 ppb | < 0.3 |
| Trace Impurities - Calcium (Ca) | <= 50.0 ppb | 29.7 |
| Trace Impurities - Chromium (Cr) | <= 1.0 ppb | < 0.4 |
| Trace Impurities - Cobalt (Co) | <= 1.0 ppb | < 0.3 |
| Trace Impurities - Copper (Cu) | <= 1.0 ppb | < 0.1 |
| Trace Impurities - Gallium (Ga) | <= 1.0 ppb | < 0.2 |

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

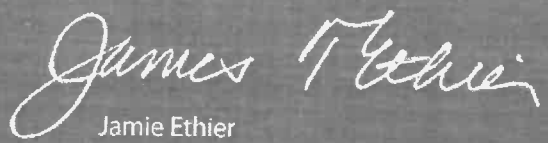
1953

Material No.: 9530-33
Batch No.: 0000275677

| Test | Specification | Result |
|---|---|---|
| Trace Impurities - Germanium (Ge) | <= 3.0 ppb | < 2.0 |
| Trace Impurities - Gold (Au) | <= 4.0 ppb | < 0.2 |
| Heavy Metals (as Pb) | <= 100 ppb | < 50 |
| Trace Impurities - Iron (Fe) | <= 15.0 ppb | <1 |
| Trace Impurities - Lead (Pb) | <= 1.0 ppb | < 0.5 |
| Trace Impurities - Lithium (Li) | <= 1.0 ppb | 0.2 |
| Trace Impurities - Magnesium (Mg) | <= 10.0 ppb | 0.4 |
| Trace Impurities - Manganese (Mn) | <= 1.0 ppb | < 0.4 |
| Trace Impurities - Mercury (Hg) | <= 0.5 ppb | 0.1 |
| Trace Impurities - Molybdenum (Mo) | <= 10.0 ppb | < 5.0 |
| Trace Impurities - Nickel (Ni) | <= 4.0 ppb | < 0.3 |
| Trace Impurities - Niobium (Nb) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Potassium (K) | <= 9.0 ppb | < 2.0 |
| Trace Impurities - Selenium (Se), For Information Only | ppb | 1.0 |
| Trace Impurities - Silicon (Si) | <= 100.0 ppb | < 10.0 |
| Trace Impurities - Silver (Ag) | <= 1.0 ppb | < 0.3 |
| Trace Impurities - Sodium (Na) | <= 100.0 ppb | < 5.0 |
| Trace Impurities - Strontium (Sr) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Tantalum (Ta) | <= 1.0 ppb | < 0.9 |
| Trace Impurities - Thallium (Tl) | <= 5.0 ppb | < 2.0 |
| Trace Impurities - Tin (Sn) | <= 5.0 ppb | < 0.8 |
| Trace Impurities - Titanium (Ti) | <= 1.0 ppb | 0.2 |
| Trace Impurities - Vanadium (V) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Zinc (Zn) | <= 5.0 ppb | 0.3 |
| Trace Impurities - Zirconium (Zr) | <= 1.0 ppb | < 0.1 |

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

1954

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

R -> 11/12/24

M6126

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($HNO_3$) | 69.0 - 70.0 % | 69.7 % |
| Appearance | Passes Test | Passes Test |
| Color (APHA) | ≤ 10 | 5 |
| Residue after Ignition | ≤ 2 ppm | 1 ppm |
| Chloride (Cl) | ≤ 0.08 ppm | < 0.03 ppm |
| Phosphate ($PO_4$) | ≤ 0.10 ppm | < 0.03 ppm |
| Sulfate ($SO_4$) | ≤ 0.2 ppm | < 0.2 ppm |
| Trace Impurities - Aluminum (Al) | ≤ 40.0 ppb | < 1.0 ppb |
| Arsenic and Antimony (as As) | ≤ 5.0 ppb | < 2.0 ppb |
| Trace Impurities - Barium (Ba) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Beryllium (Be) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Bismuth (Bi) | ≤ 20.0 ppb | < 10.0 ppb |
| Trace Impurities - Boron (B) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities - Cadmium (Cd) | ≤ 50 ppb | < 1 ppb |
| Trace Impurities - Calcium (Ca) | ≤ 50.0 ppb | 2.3 ppb |
| Trace Impurities - Chromium (Cr) | ≤ 30.0 ppb | < 1.0 ppb |
| Trace Impurities - Cobalt (Co) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Copper (Cu) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Gallium (Ga) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Germanium (Ge) | ≤ 20 ppb | < 10 ppb |
| Trace Impurities - Gold (Au) | ≤ 20 ppb | < 5 ppb |
| Heavy Metals (as Pb) | ≤ 100 ppb | 100 ppb |
| Trace Impurities - Iron (Fe) | ≤ 40.0 ppb | < 1.0 ppb |
| Trace Impurities - Lead (Pb) | ≤ 20.0 ppb | < 10.0 ppb |
| Trace Impurities - Lithium (Li) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Magnesium (Mg) | ≤ 20 ppb | < 1 ppb |
| Trace Impurities - Manganese (Mn) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Nickel (Ni) | ≤ 20.0 ppb | < 5.0 ppb |

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

| Test | Specification | Result |
|---|---|---|

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1957

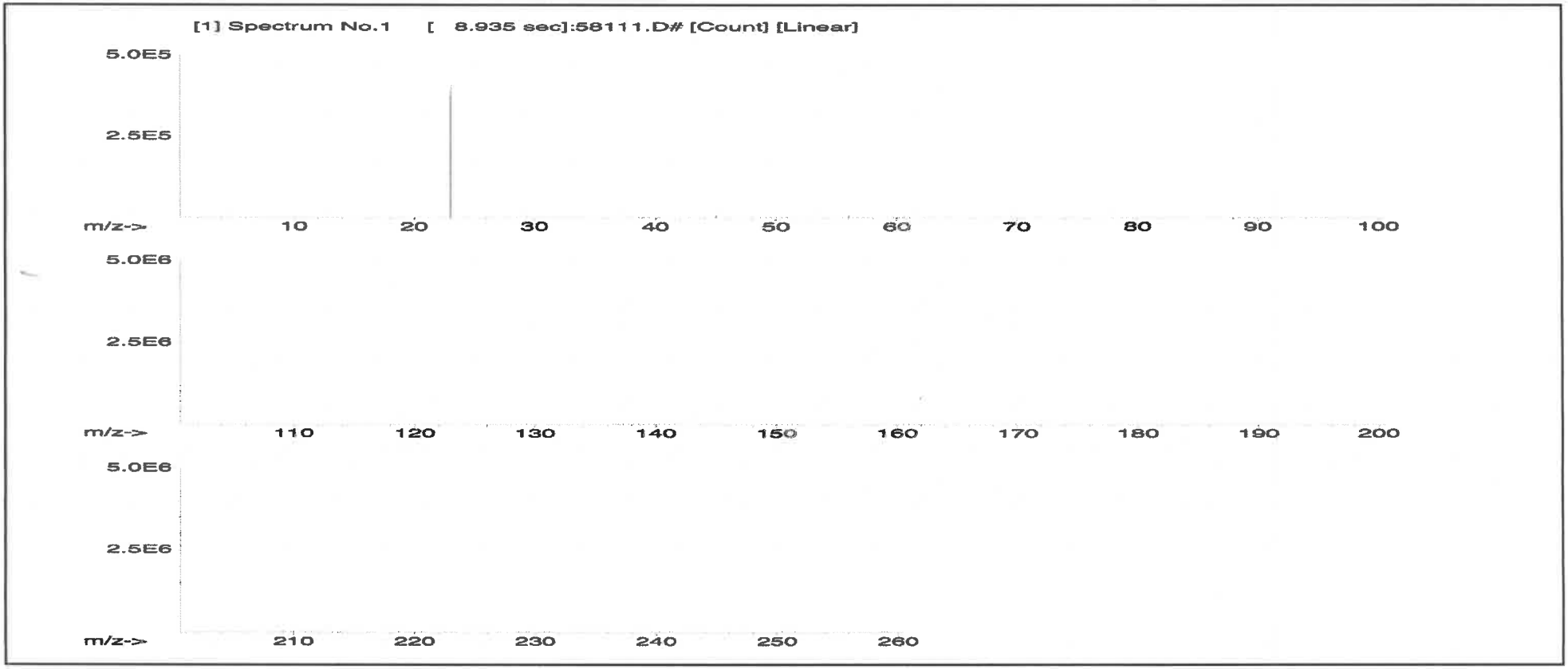
## CERTIFIED WEIGHT REPORT:

| | | | Lot # | |
|---|---|---|---|---|
| **Part Number:** | **58111** | **Solvent:** | 24002546 | Nitric Acid |
| **Lot Number:** | **122223** | | | |
| **Description:** | **Sodium (Na)** | 2% | 60.0 (mL) | Nitric Acid |
| **Expiration Date:** | 122226 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **10000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Weight shown below was diluted to (mL):** | 3000.4 | 0.06 | Flask Uncertainty | |

Aleah O'Brady

| | | |
|---|---|---|
| Formulated By: | Aleah O'Brady | 122223 |
| Reviewed By: | Pedro L. Rentas | 122223 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Sodium nitrate (Na) | IN036 | NAV012015I1 | 10000 | 99.999 | 0.10 | 26.9 | 111.5406 | 111.5479 | **10000.7** | **20.0** | 7631-99-4 | 5 mg/m3 | orl-rat 3430 mg/kg | 3152a |



1958

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | T | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES™

Refine your results. Redefine your industry.

A: 4/11/22

# Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | 6020ISS |
| Lot Number: | S2-MEB709511 |
| Matrix: | 7% (v/v) HNO3 |
| Value / Analyte(s): | 10 µg/mL ea: |

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| 6-Lithium, Li6 | 10.00 ± 0.03 µg/mL | Bismuth, Bi | 10.00 ± 0.05 µg/mL |
| Holmium, Ho | 10.00 ± 0.05 µg/mL | Indium, In | 10.00 ± 0.04 µg/mL |
| Rhodium, Rh | 10.00 ± 0.07 µg/mL | Scandium, Sc | 10.00 ± 0.04 µg/mL |
| Terbium, Tb | 10.00 ± 0.04 µg/mL | Yttrium, Y | 10.00 ± 0.04 µg/mL |

**Density:** 1.035 g/mL (measured at 20 ± 4 °C)

**Assay Information:**



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| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Bi | ICP Assay | 3106 | 180815 |
| Bi | Calculated | | See Sec. 4.2 |
| Ho | ICP Assay | 3123a | 090408 |
| Ho | EDTA | 928 | 928 |
| In | ICP Assay | 3124a | 110516 |
| In | EDTA | 928 | 928 |
| In | Calculated | | See Sec. 4.2 |
| Li6 | Gravimetric | | See Sec. 4.2 |
| Rh | ICP Assay | 3144 | 070619 |
| Sc | ICP Assay | 3148a | 100701 |
| Sc | EDTA | 928 | 928 |
| Tb | ICP Assay | 3157a | 100518 |
| Tb | EDTA | 928 | 928 |
| Tb | Calculated | | See Sec. 4.2 |
| Y | ICP Assay | 3167a | 120314 |
| Y | EDTA | 928 | 928 |
| Y | Calculated | | See Sec. 4.2 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

**Characterization of CRM/RM by Two or More Methods**

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Characterization of CRM/RM by One Method**

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Certified Abundance:**

**IV's Certified Abundance**

| Isotope | Atom % |
|---|---|
| Lithium Li6 | 95.6 ± 0.3 |
| Lithium Li7 | 4.4 ± 0.1 |

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- September 03, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Michael Booth
Director, Quality Control



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



# QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

**NOTE:** These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

***APPLICATION:*** For use with the CLP SFAM01.0 SOW and revisions.

***CAUTION:*** Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
**HAZARDOUS MATERIAL**

Safety Data Sheets
Available Upon Request

## (A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

***CAUTION:*** The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

## (B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

**QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY**
**APTIM Federal Services, LLC**
**2700 Chandler Avenue - Building C**
**Las Vegas, NV 89120**

## (C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

**ICSA-0803, Inferferents:** Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v $HNO_3$. Analyze this solution by ICP-MS.

**ICSB-0803, Analytes, mixed with ICSA-0803, Interferents:** Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v $HNO_3$. Analyze this ICSAB solution by ICP-MS.

## (D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

**Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803**

ICSA: M5873

ICSB: M5874

| Element | CRQL | Part A (µg/L) | Lower Limit (µg/L) | Upper Limit (µg/L) | Part A +Part B (µg/L) | Lower Limit (µg/L) | Upper Limit (µg/L) |
|---|---|---|---|---|---|---|---|
| Al | 20.0 | [100000] | | | [100000] | | |
| Sb | 2.0 | (1.5) | -2.5 | 5.5 | (22.0) | 18.0 | 26.0 |
| As | 1.0 | (0.1) | -1.9 | 2.1 | 19.0 | 16.2 | 21.9 |
| Ba | 10.0 | (1.2) | -18.8 | 21.2 | (22.0) | 2.0 | 42.0 |
| Be | 1.0 | (0) | -2.0 | 2.0 | 19.0 | 16.2 | 21.9 |
| Cd | 1.0 | (0.7) | -1.3 | 2.7 | 20.0 | 17.0 | 23.0 |
| Ca | 500 | [100000] | | | [100000] | | |
| C | | [200000] | | | [200000] | | |
| Cl | | [1000000] | | | [1000000] | | |
| Cr | 2.0 | (21.0) | 17.0 | 25.0 | 40.0 | 34.0 | 46.0 |
| Co | 1.0 | (1.0) | -1.0 | 3.0 | 20.0 | 17.0 | 23.0 |
| Cu | 2.0 | (8.0) | 4.0 | 12.0 | (25.0) | 21.0 | 29.0 |
| Fe | 200 | [100000] | | | [100000] | | |
| Pb | 1.0 | (4.0) | 2.0 | 6.0 | 25.0 | 21.3 | 28.8 |
| Mg | 500 | [100000] | | | [100000] | | |
| Mn | 1.0 | (7.0) | 5.0 | 9.0 | 27.0 | 23.0 | 31.1 |
| Mo | | [2000] | | | [2000] | | |
| Ni | 1.0 | (6.0) | 4.0 | 8.0 | 24.0 | 20.4 | 27.6 |
| P | | [100000] | | | [100000] | | |
| K | 500 | [100000] | | | [100000] | | |
| Se | 5.0 | (0.3) | -9.7 | 10.3 | (19.0) | 9.0 | 29.0 |
| Ag | 1.0 | (0) | -2.0 | 2.0 | 18.0 | 15.3 | 20.7 |
| Na | 500 | [100000] | | | [100000] | | |
| S | | [100000] | | | [100000] | | |
| Tl | 1.0 | (0) | -2.0 | 2.0 | 21.0 | 17.9 | 24.2 |
| Ti | | [2000] | | | [2000] | | |
| V | 5.0 | (0.5) | -9.5 | 10.5 | (19.0) | 9.0 | 29.0 |
| Zn | 5.0 | (11.0) | 1.0 | 21.0 | (29.0) | 19.0 | 39.0 |

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

# QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

**NOTE:** These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

***APPLICATION:*** For use with the CLP SFAM01.0 SOW and revisions.

***CAUTION:*** Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
**HAZARDOUS MATERIAL**

Safety Data Sheets
Available Upon Request

## (A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

***CAUTION:*** The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

## (B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

**QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY**
**APTIM Federal Services, LLC**
**2700 Chandler Avenue - Building C**
**Las Vegas, NV 89120**

## (C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

**ICSA-0803, Inferferents:** Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v $HNO_3$. Analyze this solution by ICP-MS.

**ICSB-0803, Analytes, mixed with ICSA-0803, Interferents:** Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v $HNO_3$. Analyze this ICSAB solution by ICP-MS.

## (D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

**Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803**

ICSA: M5873

ICSB: M5874

| Element | CRQL | Part A (µg/L) | Lower Limit (µg/L) | Upper Limit (µg/L) | Part A +Part B (µg/L) | Lower Limit (µg/L) | Upper Limit (µg/L) |
|---|---|---|---|---|---|---|---|
| Al | 20.0 | [100000] | | | [100000] | | |
| Sb | 2.0 | (1.5) | -2.5 | 5.5 | (22.0) | 18.0 | 26.0 |
| As | 1.0 | (0.1) | -1.9 | 2.1 | 19.0 | 16.2 | 21.9 |
| Ba | 10.0 | (1.2) | -18.8 | 21.2 | (22.0) | 2.0 | 42.0 |
| Be | 1.0 | (0) | -2.0 | 2.0 | 19.0 | 16.2 | 21.9 |
| Cd | 1.0 | (0.7) | -1.3 | 2.7 | 20.0 | 17.0 | 23.0 |
| Ca | 500 | [100000] | | | [100000] | | |
| C | | [200000] | | | [200000] | | |
| Cl | | [1000000] | | | [1000000] | | |
| Cr | 2.0 | (21.0) | 17.0 | 25.0 | 40.0 | 34.0 | 46.0 |
| Co | 1.0 | (1.0) | -1.0 | 3.0 | 20.0 | 17.0 | 23.0 |
| Cu | 2.0 | (8.0) | 4.0 | 12.0 | (25.0) | 21.0 | 29.0 |
| Fe | 200 | [100000] | | | [100000] | | |
| Pb | 1.0 | (4.0) | 2.0 | 6.0 | 25.0 | 21.3 | 28.8 |
| Mg | 500 | [100000] | | | [100000] | | |
| Mn | 1.0 | (7.0) | 5.0 | 9.0 | 27.0 | 23.0 | 31.1 |
| Mo | | [2000] | | | [2000] | | |
| Ni | 1.0 | (6.0) | 4.0 | 8.0 | 24.0 | 20.4 | 27.6 |
| P | | [100000] | | | [100000] | | |
| K | 500 | [100000] | | | [100000] | | |
| Se | 5.0 | (0.3) | -9.7 | 10.3 | (19.0) | 9.0 | 29.0 |
| Ag | 1.0 | (0) | -2.0 | 2.0 | 18.0 | 15.3 | 20.7 |
| Na | 500 | [100000] | | | [100000] | | |
| S | | [100000] | | | [100000] | | |
| Tl | 1.0 | (0) | -2.0 | 2.0 | 21.0 | 17.9 | 24.2 |
| Ti | | [2000] | | | [2000] | | |
| V | 5.0 | (0.5) | -9.5 | 10.5 | (19.0) | 9.0 | 29.0 |
| Zn | 5.0 | (11.0) | 1.0 | 21.0 | (29.0) | 19.0 | 39.0 |

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

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R: 01/03/24 M5802, M5803

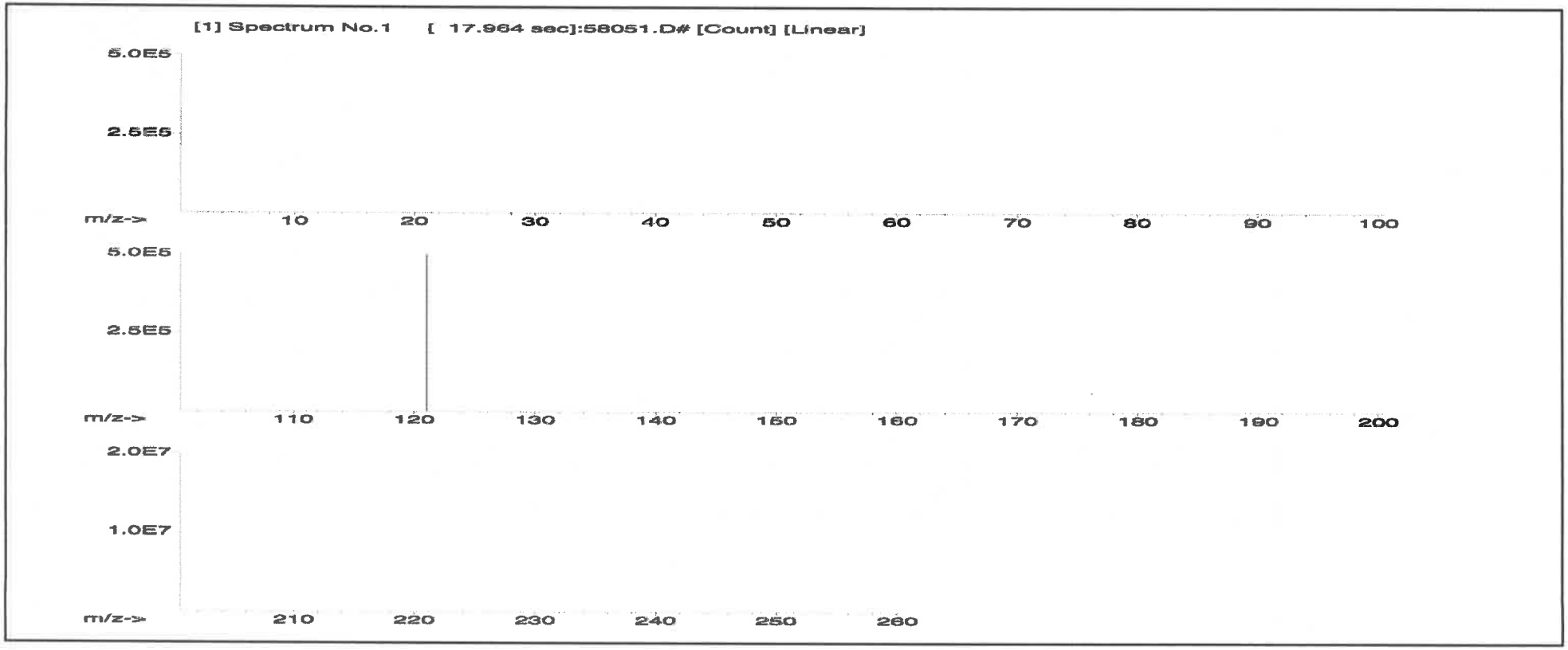
1967

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57051** | 24002546 | Nitric Acid | | |
| **Lot Number:** | **120523** | | | | |
| **Description:** | **Antimony (Sb)** | | | | |
| | | 2.0% | 60.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 120526 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Volume shown below was diluted to (mL):** | 3000.41 | 0.058 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 120523 |
| Reviewed By: | Pedro L. Rentas | 120523 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Antimony (Sb) | 58151 | 100923 | 0.1000 | 300.0 | 0.084 | 1000 | 10001.4 | **1000.0** | 2.1 | 7440-36-0 | 0.5 mg/m3 | orl-rat 7000 mg/kg | 3102a |



19688

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | T | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M6030

R: 8/5/24

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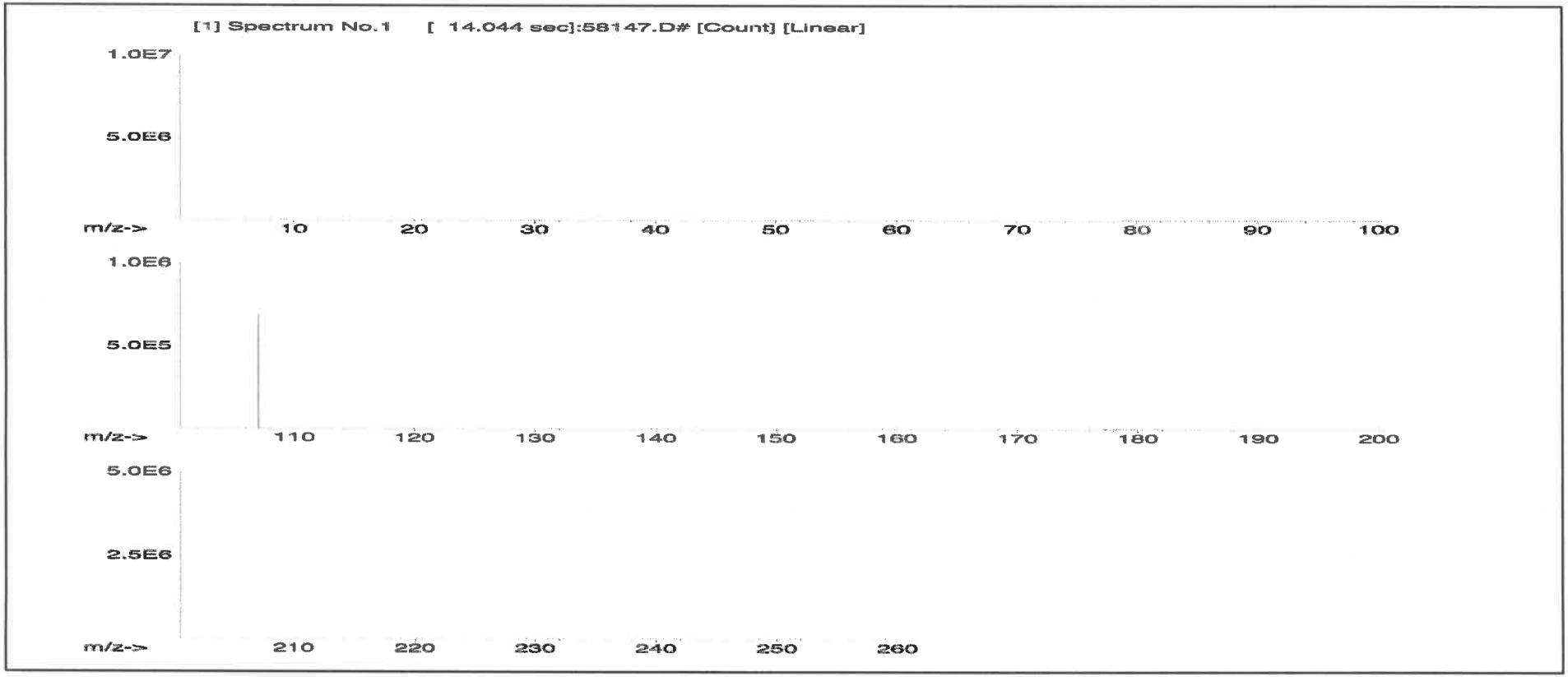
1969

CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57047** | | **Lot #** | | |
| **Lot Number:** | **122823** | **Solvent:** | 24002546 | Nitric Acid | |
| **Description:** | **Silver (Ag)** | 2% | 80.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 122826 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 4000.30 | 0.058 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 122823 |
| Reviewed By: | Pedro L. Rentas | 122823 |

| | Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Silver nitrate (Ag) | IN035 | J0612AGA1 | 1000.0 | 99.9999 | 0.10 | 63.7 | 6.27992 | 6.27998 | **1000.0** | **2.0** | 7761-88-8 | 10 ug/m3 | NA | 3151 |



1970

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | T | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

**Part Number:** 56138
**Lot Number:** 082922
**Description:** Strontium (Sr)

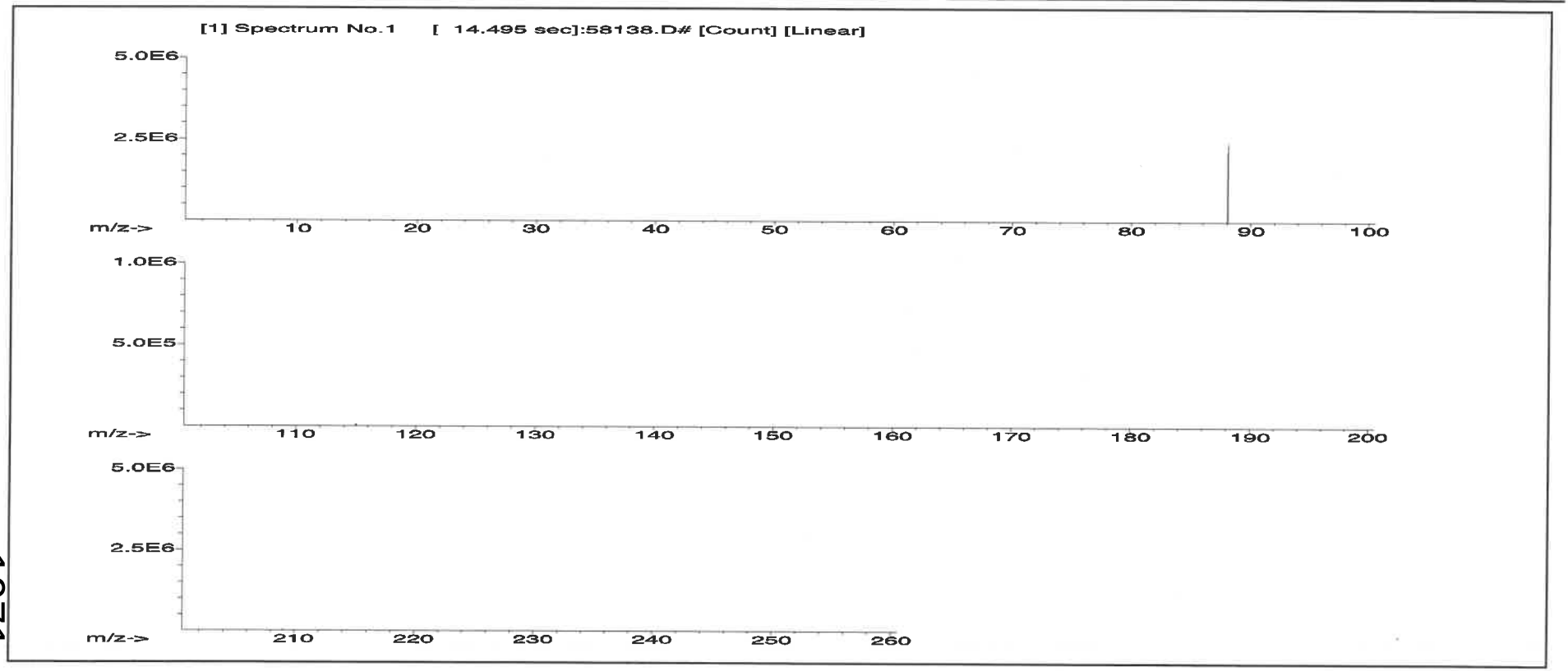
**Expiration Date:** 082925
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB

**Weight shown below was diluted to (mL):** 1000.12 | 0.058 Flask Uncertainty | 5E-05 Balance Uncertainty

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 2% | 20.0 (mL) | Nitric Acid | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 082922 |
| Reviewed By: | Pedro L. Rentas | 082922 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | **Actual Conc. (µg/mL)** | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Strontium nitrate (Sr) | IN017 | SRZ022018A1 | 10000 | 99.997 | 0.10 | 41.2 | 24.2756 | 24.2758 | **10000.1** | **20.0** | 10042-76-9 | NA | orl-rat >2000mg/kg | 3153a |




1971

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | T | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1972

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R ! 8/5/24

M6023

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1973

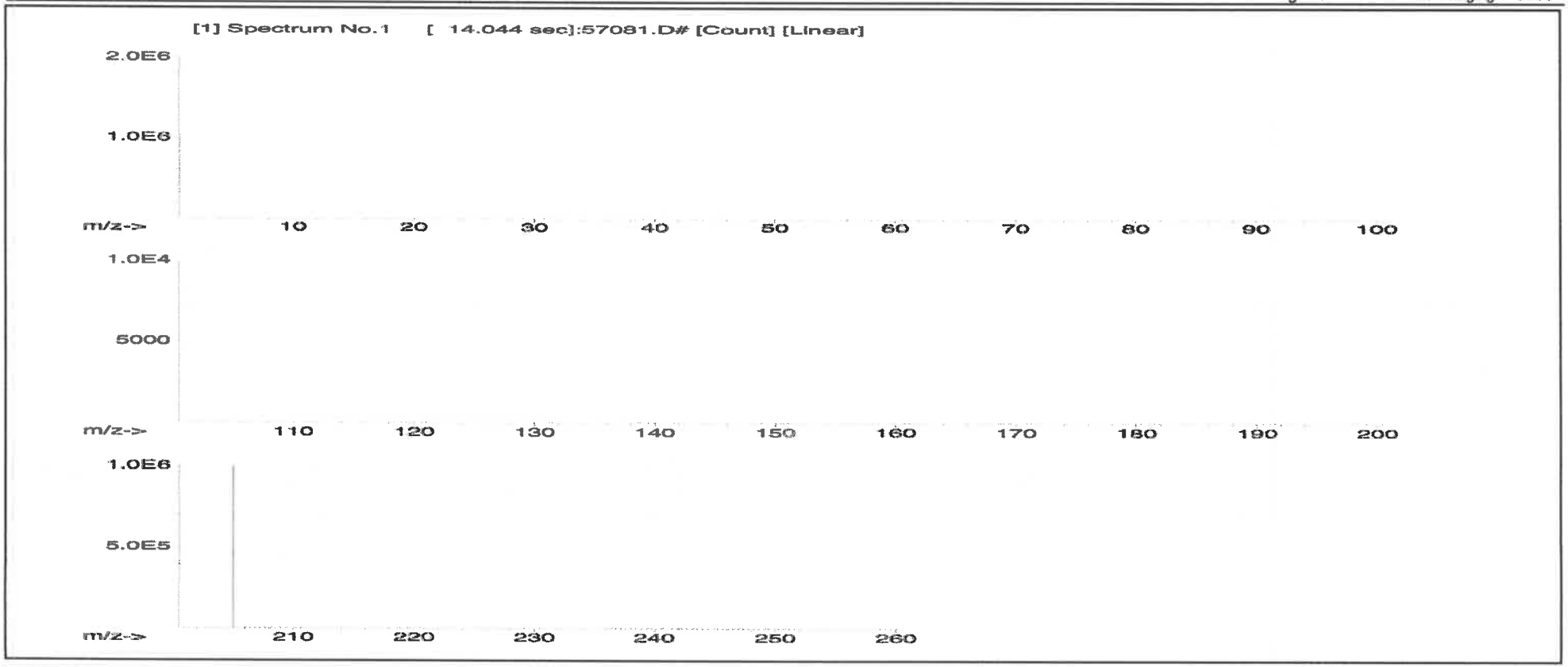
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57081** | | **Lot #** | | |
| **Lot Number:** | **062724** | **Solvent:** | 24002546 | Nitric Acid | |
| **Description:** | **Thallium (Tl)** | | | | |
| | | 2% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 062727 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 2000.1 | 0.10 | Flask Uncertainty | | |

Aleah O'Brady

| | | |
|---|---|---|
| Formulated By: | Aleah O'Brady | 062724 |
| Reviewed By: | Pedro L. Rentas | 062724 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Thallium nitrate (Tl) | IN037 | BCCF4399 | 1000 | 99.999 | 0.10 | 77.0 | 2.5975 | 2.5977 | **1000.1** | **2.0** | 10102-45-1 | 0.1 mg/m3 | orl-mus 15mg/kg | 3158 |



1974

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | T | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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1975

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57023** | | | |
| **Lot Number:** | **062424** | | | |
| **Description:** | **Vanadium (V)** | 24002546 | Nitric Acid | |
| | | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 062427 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.3 | 0.06 | Flask Uncertainty | |

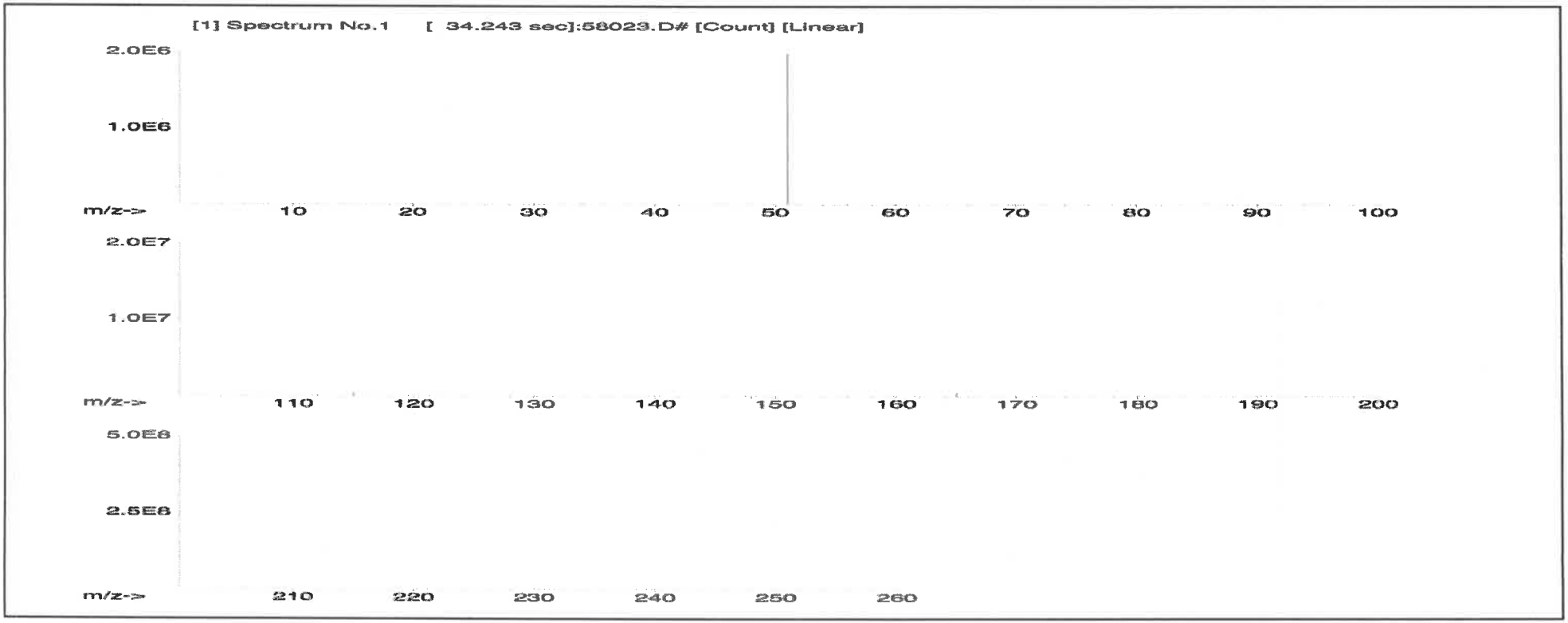
Aleah O'Brady

| Formulated By: | Aleah O'Brady | 062424 |
|---|---|---|

Pedro Rentas

| Reviewed By: | Pedro L. Rentas | 062424 |
|---|---|---|

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Ammonium metavanadate (V) | 58123 | 021224 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.3 | **1000.0** | **2.2** | 7803-55-6 | 0.05 mg/m3 | orl-rat 58.1mg/kg | 3165 |



1976

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | T |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

PB165756

**SOP ID :** M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

**SDG No :** MJNKK3

**Matrix :** SOIL

**Pippete ID:** ICP A

**Balance ID :** M SC-2

**Filter paper ID :** N/A

**pH Strip ID :** N/A

**Hood ID :** #3

**Block ID:** 1. HOT BLOCK #2 2. N/A

**Start Digest Date:** 12/19/2024 **Time :** 10:05 **Temp :** 96 °C

**End Digest Date:** 12/19/2024 **Time :** 10:40 **Temp :** 96 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** MET-DIG. #2

**Dig Technician Signature:** SLS.

**Supervisor Signature:** MB

**Temp :** 1. 96°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| LCSS | 1.00 | MP83669 |
| Spike Sol. B | 1.00 | MP83671 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| 1:1 HNO3 | 4.00 | MP83498 |
| 1.4 HCL SOLN | 10.00 | MP82128 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK #2 CELL #35 : 96 C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 12/19/24 11:40 | SLS. met digestion | MB Metal Lab |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

**PB165756**

| Lab Sample ID | Client Sample ID | pH | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| P5254-01 | MJNKK5 | N/A | 1.19 | 500 | Brown | Yellow | Medium | N/A | N/A | 12 |
| P5254-02 | MJNKK5D | N/A | 1.20 | 500 | Brown | Yellow | Medium | N/A | N/A | 13 |
| P5254-03 | MJNKK5S | N/A | 1.23 | 500 | Brown | Yellow | Medium | N/A | MP83671 | 14 |
| P5254-04 | MJNKL7 | N/A | 1.28 | 500 | Brown | Yellow | Medium | N/A | N/A | 15 |
| P5254-05 | MJNKP2 | N/A | 1.13 | 500 | Brown | Yellow | Medium | N/A | N/A | 16 |
| P5254-06 | MJNKP3 | N/A | 1.14 | 500 | Brown | Yellow | Medium | N/A | N/A | 17 |
| P5254-07 | MJNKP4 | N/A | 1.27 | 500 | Brown | Yellow | Medium | N/A | N/A | 18 |
| P5254-08 | MJNKP5 | N/A | 1.18 | 500 | Brown | Yellow | Medium | N/A | N/A | 19 |
| P5254-09 | MJNKX2 | N/A | 1.35 | 500 | Brown | Yellow | Medium | N/A | N/A | 20 |
| P5254-10 | MJNL82 | N/A | 1.16 | 500 | Brown | Yellow | Medium | N/A | N/A | 21 |
| P5254-11 | MJNL83 | N/A | 1.34 | 500 | Brown | Yellow | Medium | N/A | N/A | 22 |
| P5254-13 | MJNKK3 | N/A | 1.15 | 500 | Brown | Yellow | Medium | N/A | N/A | 23 |
| P5254-14 | MJNKK4 | N/A | 1.27 | 500 | Brown | Yellow | Medium | N/A | N/A | 24 |
| P5254-15 | MJNKN6 | N/A | 1.16 | 500 | Brown | Yellow | Medium | N/A | N/A | 25 |
| P5254-16 | MJNKN7 | N/A | 1.44 | 500 | Brown | Yellow | Medium | N/A | N/A | 26 |
| P5254-17 | MJNKN8 | N/A | 1.39 | 500 | Brown | Yellow | Medium | N/A | N/A | 27 |
| P5254-18 | MJNKQ9 | N/A | 1.26 | 500 | Brown | Yellow | Medium | N/A | N/A | 28 |
| P5254-19 | MJNKT0 | N/A | 1.30 | 500 | Brown | Yellow | Medium | N/A | N/A | 29 |
| P5254-20 | MJNKW1 | N/A | 1.30 | 500 | Brown | Yellow | Medium | N/A | N/A | 30 |
| P5254-21 | MJNKW2 | N/A | 1.22 | 500 | Brown | Yellow | Medium | N/A | N/A | 31 |
| P5254-22 | MJNKY3 | N/A | 1.23 | 500 | Brown | Yellow | Medium | N/A | N/A | 32 |
| PB165756BL | PBS756 | N/A | 1.00 | 500 | Colorless | Colorless | Fine | N/A | N/A | 33 |
| PB165756BS | LCS756 | N/A | 1.00 | 500 | Colorless | Colorless | Fine | N/A | MP83669 | 34 |

Alliance TECHNICAL GROUP

**Water Metals Preparation Sheet**

PB165859

**SOP ID :** M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

**SDG No :** MJNKK3,MJNKA0,MJNKA1

**Start Digest Date:** 12/26/2024 **Time :** 11:50 **Temp :** 96 °C

**Matrix :** WATER

**End Digest Date:** 12/26/2024 **Time :** 14:00 **Temp :** 96 °C

**Pippete ID:** ICP A

**Digestion tube ID:** M5595

**Balance ID :** N/A

**Block thermometer ID:** MET-DIG. #1

**Filter paper ID :** N/A

**Dig Technician Signature:** SKP

**pH Strip ID :** M6069

**Supervisor Signature:**

**Hood ID :** #3

**Temp :** **1.** 96°C **2.** N/A

**Block ID:** **1.** HOT BLOCK #1 **2.** N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| LCSW | 0.50 | MP83670, MP83802 |
| Spike Sol. B | 0.50 | MP83671 |
| Spike Sol 1 | 0.0025 | M5976 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| 1:1 HNO3 | 1.00 | MP83498 |
| 1:1 HCL | 050 | MP83499 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK#1 CELL#55 : 96

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 12/26/24 15:00 | SBS / dig. dept. | Metals Lab |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Water Metals Preparation Sheet**

**PB165859**

| Lab Sample ID | Client Sample ID | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| P5254-12 | MJNLG1 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 1 |
| P5255-07 | MJNLC3 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 2 |
| P5347-01 | MJNBZ9 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 3 |
| P5347-02 | MJNBZ9D | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 4 |
| P5347-03 | MJNBZ9S | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | MP83670, MP83802 | 5 |
| P5347-04 | MJNC00 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 6 |
| P5354-01 | ME2927 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 7 |
| P5354-02 | ME2928 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 8 |
| P5354-03 | ME2928D | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 9 |
| P5354-04 | ME2928S | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | MP83670 | 10 |
| P5363-14 | MJNLE3 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 11 |
| P5363-15 | MJNLF9 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 12 |
| P5363-16 | MJNLG0 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 13 |
| P5364-20 | MJNLC4 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 14 |
| PB165859BL | PBW859 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 15 |
| PB165859BS | LCS859 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | MP83670 | 16 |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/25/2024 3:48:44 AM |
| Supervise By | Mohan Bera | Supervise On | 12/25/2024 3:49:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | MP83669 |
| Chk Standard | MP83635,MP83634 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | TUNE | TUNE007 | TUNE | 12/23/24 10:04 | | Jaswal | OK |
| 2 | S00 | S0 | CAL1 | 12/23/24 10:59 | | Jaswal | OK |
| 3 | S02 | S02 | CAL3 | 12/23/24 11:05 | | Jaswal | OK |
| 4 | S03 | S03 | CAL4 | 12/23/24 11:09 | | Jaswal | OK |
| 5 | S04 | S04 | CAL5 | 12/23/24 11:12 | | Jaswal | OK |
| 6 | S05 | S05 | CAL6 | 12/23/24 11:14 | | Jaswal | OK |
| 7 | S06 | S06 | CAL7 | 12/23/24 11:17 | | Jaswal | OK |
| 8 | S07 | S07 | CAL8 | 12/23/24 11:20 | | Jaswal | OK |
| 9 | S08 | S08 | CAL9 | 12/23/24 11:23 | | Jaswal | OK |
| 10 | ICV007 | ICV007 | ICV | 12/23/24 12:06 | Inst. paused for Calibration review | Jaswal | OK |
| 11 | ICB007 | ICB007 | ICB | 12/23/24 12:25 | Inst. paused for review | Jaswal | OK |
| 12 | ICSA007 | ICSA007 | ICSA | 12/23/24 12:29 | | Jaswal | OK |
| 13 | ICSAB007 | ICSAB007 | ICSAB | 12/23/24 12:32 | | Jaswal | OK |
| 14 | CCV041 | CCV041 | CCV | 12/23/24 12:35 | | Jaswal | OK |
| 15 | CCB041 | CCB041 | CCB | 12/23/24 12:43 | Inst. paused for review | Jaswal | OK |
| 16 | PB165834BL | PBW834 | MB | 12/23/24 12:56 | Not Use | Jaswal | Not Ok |
| 17 | PB165834BS | LCS834 | LCS | 12/23/24 12:59 | Not Use | Jaswal | Not Ok |
| 18 | P5306-02DL | OU4-VSL-07-121224 | SAM | 12/23/24 13:02 | Not Use | Jaswal | Not Ok |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/25/2024 3:48:44 AM |
| Supervise By | Mohan Bera | Supervise On | 12/25/2024 3:49:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | MP83669 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | P5306-02DUPDL | OU4-VSL-07-121224 | DUP | 12/23/24 13:05 | Not Use | Jaswal | Not Ok |
| 20 | P5306-02LDL | OU4-VSL-07-121224L | SD | 12/23/24 13:08 | Not Use | Jaswal | Not Ok |
| 21 | P5306-02MSDL | OU4-VSL-07-121224 | MSD | 12/23/24 13:11 | Not Use | Jaswal | Not Ok |
| 22 | P5306-02MSDDL | OU4-VSL-07-121224 | MSD | 12/23/24 13:14 | Not Use | Jaswal | Not Ok |
| 23 | P5306-02ADL | OU4-VSL-07-121224A | PS | 12/23/24 13:17 | Not Use | Jaswal | Not Ok |
| 24 | CCV042 | CCV042 | CCV | 12/23/24 13:20 | | Jaswal | OK |
| 25 | CCB042 | CCB042 | CCB | 12/23/24 13:23 | | Jaswal | OK |
| 26 | P5306-04DL | OU4-VSL-08-121224 | SAM | 12/23/24 13:27 | Not Use | Jaswal | Not Ok |
| 27 | P5306-06DL | OU4-VSL-09-121224 | SAM | 12/23/24 13:30 | Not Use | Jaswal | Not Ok |
| 28 | P5306-08DL | OU4-VSL-10-121224 | SAM | 12/23/24 13:33 | Not Use | Jaswal | Not Ok |
| 29 | P5306-10DL | OU4-VSL-11-121224 | SAM | 12/23/24 13:36 | Not Use | Jaswal | Not Ok |
| 30 | P5306-12DL | OU4-VSL-12-121224 | SAM | 12/23/24 13:39 | Not Use | Jaswal | Not Ok |
| 31 | P5306-14DL | OU4-VSL-13-121224 | SAM | 12/23/24 13:43 | Not Use | Jaswal | Not Ok |
| 32 | P5306-16DL | OU4-VSL-14-121224 | SAM | 12/23/24 13:46 | Not Use | Jaswal | Not Ok |
| 33 | P5306-18DL | OU4-VSL-06R-121224 | SAM | 12/23/24 13:49 | Not Use | Jaswal | Not Ok |
| 34 | PB165699TB | PB165699TB | MB | 12/23/24 13:52 | Not Use | Jaswal | Not Ok |
| 35 | CCV043 | CCV043 | CCV | 12/23/24 13:55 | | Jaswal | OK |
| 36 | CCB043 | CCB043 | CCB | 12/23/24 13:58 | | Jaswal | OK |
| | | | | | | | |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/25/2024 3:48:44 AM |
| Supervise By | Mohan Bera | Supervise On | 12/25/2024 3:49:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | MP83669 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 37 | P5184-20A | MYCZF8ARE | PS | 12/23/24 14:01 | PS For Cu-(0.019ml M5697),Pb-(0.0042ml m6025),Ag-(0.022ml m83713)-10 ml Sample | Jaswal | OK |
| 38 | P5191-13A | MYD033ARE | PS | 12/23/24 14:04 | PS For As(0.024ml mp83764)-10 ml Sample | Jaswal | OK |
| 39 | P5248-01DL | MJNKD0 | SAM | 12/23/24 14:08 | 2X For As | Jaswal | Confirms |
| 40 | P5248-02DL | MJNKD0D | DUP | 12/23/24 14:11 | 2X For As | Jaswal | Confirms |
| 41 | P5248-01LDL | MJNKD0L | SD | 12/23/24 14:14 | 10X For As | Jaswal | Confirms |
| 42 | P5248-03DL | MJNKD0S | MS | 12/23/24 14:17 | 2X For As | Jaswal | Confirms |
| 43 | P5248-12DL | MJNLH6 | SAM | 12/23/24 14:20 | 2X For As | Jaswal | Confirms |
| 44 | CCV044 | CCV044 | CCV | 12/23/24 14:23 | | Jaswal | OK |
| 45 | CCB044 | CCB044 | CCB | 12/23/24 14:26 | | Jaswal | OK |
| 46 | PB165532BL | PBS532 | MB | 12/23/24 14:35 | | Jaswal | OK |
| 47 | PB165532BS | LCS532 | LCS | 12/23/24 14:39 | | Jaswal | OK |
| 48 | P5154-01 | ME28N9 | SAM | 12/23/24 14:43 | | Jaswal | OK |
| 49 | P5154-02 | ME28P0 | SAM | 12/23/24 14:46 | | Jaswal | OK |
| 50 | P5154-03 | ME28P1 | SAM | 12/23/24 14:49 | | Jaswal | OK |
| 51 | P5154-04 | ME28P2 | SAM | 12/23/24 14:52 | | Jaswal | OK |
| 52 | P5154-05 | ME28P3 | SAM | 12/23/24 14:55 | | Jaswal | OK |
| 53 | P5154-06 | ME28P4 | SAM | 12/23/24 14:58 | | Jaswal | OK |
| 54 | P5154-07 | ME28P5 | SAM | 12/23/24 15:02 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/25/2024 3:48:44 AM |
| Supervise By | Mohan Bera | Supervise On | 12/25/2024 3:49:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | MP83669 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 55 | P5154-08 | ME28P6 | SAM | 12/23/24 15:05 | | Jaswal | OK |
| 56 | P5154-09 | ME28P7 | SAM | 12/23/24 15:08 | | Jaswal | OK |
| 57 | P5154-10 | ME28P8 | SAM | 12/23/24 15:11 | | Jaswal | OK |
| 58 | P5154-11 | ME28P9 | SAM | 12/23/24 15:14 | | Jaswal | OK |
| 59 | P5154-12 | ME28Q0 | SAM | 12/23/24 15:17 | | Jaswal | OK |
| 60 | P5154-13 | ME28Q1 | SAM | 12/23/24 15:20 | | Jaswal | OK |
| 61 | P5154-14 | ME28Q2 | SAM | 12/23/24 15:23 | | Jaswal | OK |
| 62 | P5154-15 | ME28Q3 | SAM | 12/23/24 15:26 | Mn High | Jaswal | Dilution |
| 63 | P5154-16 | ME28Q4 | SAM | 12/23/24 15:29 | Mn,Zn High , INT_STD 209Bi(1) Fail | Jaswal | Dilution |
| 64 | P5154-17 | ME28Q4D | DUP | 12/23/24 15:32 | Mn,Zn High , INT_STD 209Bi(1) Fail | Jaswal | Dilution |
| 65 | P5154-16L | ME28Q4L | SD | 12/23/24 15:36 | Mn,Zn High , INT_STD 209Bi(1) Fail | Jaswal | Dilution |
| 66 | P5154-18 | ME28Q4S | MS | 12/23/24 15:39 | Mn,Zn High , INT_STD 209Bi(1) Fail,MS Fail For Cu,Ni | Jaswal | Dilution |
| 67 | P5154-19 | ME28Q5 | SAM | 12/23/24 15:42 | | Jaswal | OK |
| 68 | P5154-20 | ME28R3 | SAM | 12/23/24 15:45 | | Jaswal | OK |
| 69 | P5154-21 | ME28R4 | SAM | 12/23/24 15:48 | | Jaswal | OK |
| 70 | CCV045 | CCV045 | CCV | 12/23/24 15:59 | | Jaswal | OK |
| 71 | CCB045 | CCB045 | CCB | 12/23/24 16:03 | | Jaswal | OK |
| 72 | P5154-16DL2 | ME28Q4 | SAM | 12/23/24 16:16 | 5X For Zn | Jaswal | Confirms |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/25/2024 3:48:44 AM |
| Supervise By | Mohan Bera | Supervise On | 12/25/2024 3:49:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | MP83669 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 73 | P5154-17DL2 | ME28Q4D | DUP | 12/23/24 16:20 | 5X For Zn | Jaswal | Confirms |
| 74 | P5154-16LDL2 | ME28Q4L | SD | 12/23/24 16:23 | 25X For Zn | Jaswal | Confirms |
| 75 | P5154-18DL2 | ME28Q4S | MS | 12/23/24 16:27 | 5X For Zn | Jaswal | Confirms |
| 76 | P5154-15DL | ME28Q3 | SAM | 12/23/24 16:30 | 2X For Mn | Jaswal | Confirms |
| 77 | P5154-16DL | ME28Q4 | SAM | 12/23/24 16:33 | 2X For INT_STD 209Bi(1)2X For Mn,Zn, Still Zn High | Jaswal | Dilution |
| 78 | P5154-17DL | ME28Q4D | DUP | 12/23/24 16:36 | 2X For INT_STD 209Bi(1)2X For Mn,Zn, Still Zn High | Jaswal | Dilution |
| 79 | P5154-16LDL | ME28Q4L | SD | 12/23/24 16:40 | 10X For INT_STD 209Bi(1)2X For Mn,Zn, Still Zn High | Jaswal | Dilution |
| 80 | P5154-18DL | ME28Q4S | MS | 12/23/24 16:43 | 2X For INT_STD 209Bi(1)2X For Mn,Zn, Still Zn High | Jaswal | Dilution |
| 81 | CCV046 | CCV046 | CCV | 12/23/24 16:46 | | Jaswal | OK |
| 82 | CCB046 | CCB046 | CCB | 12/23/24 16:48 | | Jaswal | OK |
| 83 | P5154-16A | ME28Q4A | PS | 12/23/24 17:29 | PS for Cu-0.0023ml m5751,Ni- 0.0052ml m5961-10ml sample | Jaswal | OK |
| 84 | CCV047 | CCV047 | CCV | 12/23/24 17:32 | | Jaswal | OK |
| 85 | CCB047 | CCB047 | CCB | 12/23/24 17:34 | | Jaswal | OK |
| 86 | PB165801BL | PBS801 | MB | 12/23/24 18:28 | | Jaswal | OK |
| 87 | PB165801BS | LCS801 | LCS | 12/23/24 18:36 | | Jaswal | OK |
| 88 | P5335-01 | ME2904 | SAM | 12/23/24 18:46 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/25/2024 3:48:44 AM |
| Supervise By | Mohan Bera | Supervise On | 12/25/2024 3:49:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | MP83669 |
| Chk Standard | MP83635,MP83634 |

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|---|---|---|---|---|---|---|---|
| 89 | P5335-02 | ME2905 | SAM | 12/23/24 18:49 | | Jaswal | OK |
| 90 | P5335-03 | ME2906 | SAM | 12/23/24 18:52 | Mn High | Jaswal | Dilution |
| 91 | P5335-04 | ME2907 | SAM | 12/23/24 18:55 | | Jaswal | OK |
| 92 | P5335-05 | ME2908 | SAM | 12/23/24 18:58 | | Jaswal | OK |
| 93 | P5335-06 | ME2909 | SAM | 12/23/24 19:01 | | Jaswal | OK |
| 94 | P5335-07 | ME2910 | SAM | 12/23/24 19:05 | | Jaswal | OK |
| 95 | P5335-08 | ME2911 | SAM | 12/23/24 19:08 | | Jaswal | OK |
| 96 | P5335-09 | ME2912 | SAM | 12/23/24 19:11 | | Jaswal | OK |
| 97 | CCV048 | CCV048 | CCV | 12/23/24 19:14 | | Jaswal | OK |
| 98 | CCB048 | CCB048 | CCB | 12/23/24 19:17 | | Jaswal | OK |
| 99 | P5335-10 | ME2913 | SAM | 12/23/24 19:20 | | Jaswal | OK |
| 100 | P5335-11 | ME2914 | SAM | 12/23/24 19:23 | Mn High | Jaswal | Dilution |
| 101 | P5335-12 | ME2915 | SAM | 12/23/24 19:26 | Mn High | Jaswal | Dilution |
| 102 | P5335-13 | ME2916 | SAM | 12/23/24 19:29 | | Jaswal | OK |
| 103 | P5335-14 | ME2917 | SAM | 12/23/24 19:32 | | Jaswal | OK |
| 104 | P5335-15 | ME2918 | SAM | 12/23/24 19:35 | | Jaswal | OK |
| 105 | P5335-16 | ME2919 | SAM | 12/23/24 19:39 | Mn High | Jaswal | Dilution |
| 106 | P5335-17 | ME2920 | SAM | 12/23/24 19:42 | Mn High | Jaswal | Dilution |
| 107 | P5335-18 | ME2921 | SAM | 12/23/24 19:45 | | Jaswal | OK |
| 108 | P5335-19 | ME2923 | SAM | 12/23/24 19:48 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/25/2024 3:48:44 AM |
| Supervise By | Mohan Bera | Supervise On | 12/25/2024 3:49:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | MP83669 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 109 | P5335-20 | ME2923D | DUP | 12/23/24 19:51 | | Jaswal | OK |
| 110 | P5335-19L | ME2923L | SD | 12/23/24 19:54 | | Jaswal | OK |
| 111 | P5335-21 | ME2923S | MS | 12/23/24 19:58 | | Jaswal | OK |
| 112 | P5335-03DL | ME2906 | SAM | 12/23/24 20:01 | 2X For Mn | Jaswal | Confirms |
| 113 | PB165758BL | PBS758 | MB | 12/23/24 20:04 | | Jaswal | OK |
| 114 | PB165758BS | LCS758 | LCS | 12/23/24 20:08 | | Jaswal | OK |
| 115 | PB165756BL | PBS756 | MB | 12/23/24 20:12 | | Jaswal | OK |
| 116 | PB165756BS | LCS756 | LCS | 12/23/24 20:15 | | Jaswal | OK |
| 117 | P5156-01 | ME28Q6 | SAM | 12/23/24 20:18 | | Jaswal | OK |
| 118 | P5156-02 | ME28Q7 | SAM | 12/23/24 20:21 | | Jaswal | OK |
| 119 | P5156-03 | ME28Q8 | SAM | 12/23/24 20:24 | | Jaswal | OK |
| 120 | P5156-04 | ME28Q9 | SAM | 12/23/24 20:28 | | Jaswal | OK |
| 121 | P5156-05 | ME28R0 | SAM | 12/23/24 20:31 | | Jaswal | OK |
| 122 | P5156-06 | ME28R1 | SAM | 12/23/24 20:34 | | Jaswal | OK |
| 123 | P5156-07 | ME28R2 | SAM | 12/23/24 20:37 | | Jaswal | OK |
| 124 | P5156-08 | ME28T4 | SAM | 12/23/24 20:40 | | Jaswal | OK |
| 125 | P5156-09 | ME28T5 | SAM | 12/23/24 20:43 | | Jaswal | OK |
| 126 | P5156-10 | ME28T6 | SAM | 12/23/24 20:46 | | Jaswal | OK |
| 127 | P5156-11 | ME28T7 | SAM | 12/23/24 20:50 | | Jaswal | OK |
| 128 | CCV049 | CCV049 | CCV | 12/23/24 20:53 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/25/2024 3:48:44 AM |
| Supervise By | Mohan Bera | Supervise On | 12/25/2024 3:49:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | MP83669 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 129 | CCB049 | CCB049 | CCB | 12/23/24 20:56 | | Jaswal | OK |
| 130 | P5156-12 | ME28T8 | SAM | 12/23/24 20:59 | | Jaswal | OK |
| 131 | P5156-13 | ME28T9 | SAM | 12/23/24 21:02 | Mn High | Jaswal | Dilution |
| 132 | P5156-14 | ME28W0 | SAM | 12/23/24 21:05 | Mn High | Jaswal | Dilution |
| 133 | P5156-15 | ME28W1 | SAM | 12/23/24 21:08 | | Jaswal | OK |
| 134 | P5156-16 | ME28W2 | SAM | 12/23/24 21:11 | Mn High | Jaswal | Dilution |
| 135 | P5156-17 | ME28W2D | DUP | 12/23/24 21:14 | Mn High | Jaswal | Dilution |
| 136 | P5156-16L | ME28W2L | SD | 12/23/24 21:17 | Mn High | Jaswal | Dilution |
| 137 | P5156-18 | ME28W2S | MS | 12/23/24 21:20 | Mn High | Jaswal | Dilution |
| 138 | P5156-19 | ME28W3 | SAM | 12/23/24 21:23 | | Jaswal | OK |
| 139 | P5156-20 | ME28W4 | SAM | 12/23/24 21:27 | | Jaswal | OK |
| 140 | P5156-21 | ME28W5 | SAM | 12/23/24 21:30 | | Jaswal | OK |
| 141 | P5156-22 | ME28W6 | SAM | 12/23/24 21:33 | | Jaswal | OK |
| 142 | P5335-11DL | ME2914 | SAM | 12/23/24 21:36 | 2X For Mn | Jaswal | Confirms |
| 143 | P5335-12DL | ME2915 | SAM | 12/23/24 21:39 | 2X For Mn | Jaswal | Confirms |
| 144 | P5335-16DL | ME2919 | SAM | 12/23/24 21:42 | 2X For Mn | Jaswal | Confirms |
| 145 | P5335-17DL | ME2920 | SAM | 12/23/24 21:45 | 2X For Mn | Jaswal | Confirms |
| 146 | P5254-01 | MJNKK5 | SAM | 12/23/24 21:48 | | Jaswal | OK |
| 147 | P5254-02 | MJNKK5D | DUP | 12/23/24 21:51 | | Jaswal | OK |
| 148 | P5254-01L | MJNKK5L | SD | 12/23/24 21:54 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/25/2024 3:48:44 AM |
| Supervise By | Mohan Bera | Supervise On | 12/25/2024 3:49:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | MP83669 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 149 | P5254-03 | MJNKK5S | MS | 12/23/24 21:57 | | Jaswal | OK |
| 150 | P5254-04 | MJNKL7 | SAM | 12/23/24 22:00 | | Jaswal | OK |
| 151 | P5254-05 | MJNKP2 | SAM | 12/23/24 22:03 | | Jaswal | OK |
| 152 | P5254-06 | MJNKP3 | SAM | 12/23/24 22:06 | | Jaswal | OK |
| 153 | P5254-07 | MJNKP4 | SAM | 12/23/24 22:09 | | Jaswal | OK |
| 154 | P5254-08 | MJNKP5 | SAM | 12/23/24 22:12 | | Jaswal | OK |
| 155 | P5254-09 | MJNKX2 | SAM | 12/23/24 22:16 | | Jaswal | OK |
| 156 | P5254-10 | MJNL82 | SAM | 12/23/24 22:19 | | Jaswal | OK |
| 157 | P5254-11 | MJNL83 | SAM | 12/23/24 22:22 | | Jaswal | OK |
| 158 | P5254-13 | MJNKK3 | SAM | 12/23/24 22:25 | Zn High | Jaswal | Dilution |
| 159 | P5254-14 | MJNKK4 | SAM | 12/23/24 22:28 | | Jaswal | OK |
| 160 | CCV050 | CCV050 | CCV | 12/23/24 22:31 | | Jaswal | OK |
| 161 | CCB050 | CCB050 | CCB | 12/23/24 22:34 | | Jaswal | OK |
| 162 | P5254-15 | MJNKN6 | SAM | 12/23/24 22:37 | | Jaswal | OK |
| 163 | P5254-16 | MJNKN7 | SAM | 12/23/24 22:40 | | Jaswal | OK |
| 164 | P5254-17 | MJNKN8 | SAM | 12/23/24 22:43 | | Jaswal | OK |
| 165 | P5254-18 | MJNKQ9 | SAM | 12/23/24 22:46 | | Jaswal | OK |
| 166 | P5254-19 | MJNKT0 | SAM | 12/23/24 22:49 | | Jaswal | OK |
| 167 | P5254-20 | MJNKW1 | SAM | 12/23/24 22:52 | | Jaswal | OK |
| 168 | P5254-21 | MJNKW2 | SAM | 12/23/24 22:56 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/25/2024 3:48:44 AM |
| Supervise By | Mohan Bera | Supervise On | 12/25/2024 3:49:22 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | MP83669 |
| Chk Standard | MP83635,MP83634 |

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|---|---|---|---|---|---|---|---|
| 169 | P5254-22 | MJNKY3 | SAM | 12/23/24 22:59 | | Jaswal | OK |
| 170 | P5156-13DL | ME28T9 | SAM | 12/23/24 23:03 | 2X For Mn | Jaswal | Confirms |
| 171 | P5156-14DL | ME28W0 | SAM | 12/23/24 23:07 | 2X For Mn | Jaswal | Confirms |
| 172 | P5156-16DL | ME28W2 | SAM | 12/23/24 23:11 | 2X For Mn | Jaswal | Confirms |
| 173 | P5156-17DL | ME28W2D | DUP | 12/23/24 23:14 | 2X For Mn | Jaswal | Confirms |
| 174 | P5156-16LDL | ME28W2L | SD | 12/23/24 23:17 | 10X For Mn | Jaswal | Confirms |
| 175 | P5156-18DL | ME28W2S | MS | 12/23/24 23:20 | 2X For Mn | Jaswal | Confirms |
| 176 | P5254-13DL | MJNKK3 | SAM | 12/23/24 23:23 | 2X For Zn | Jaswal | Confirms |
| 177 | CCV051 | CCV051 | CCV | 12/23/24 23:26 | | Jaswal | OK |
| 178 | CCB051 | CCB051 | CCB | 12/23/24 23:29 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/30/2024 3:27:20 AM |
| Supervise By | Mohan Bera | Supervise On | 12/30/2024 3:28:46 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83635,MP83634 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | TUNE | TUNE002 | TUNE | 12/27/24 14:06 | | Jaswal | OK |
| 2 | S00 | S0 | CAL1 | 12/27/24 14:36 | | Jaswal | OK |
| 3 | S01 | S01 | CAL2 | 12/27/24 14:46 | | Jaswal | OK |
| 4 | S02 | S02 | CAL3 | 12/27/24 14:49 | | Jaswal | OK |
| 5 | S03 | S03 | CAL4 | 12/27/24 14:52 | | Jaswal | OK |
| 6 | S04 | S04 | CAL5 | 12/27/24 14:55 | | Jaswal | OK |
| 7 | S05 | S05 | CAL6 | 12/27/24 14:58 | | Jaswal | OK |
| 8 | S06 | S06 | CAL7 | 12/27/24 15:01 | | Jaswal | OK |
| 9 | S07 | S07 | CAL8 | 12/27/24 15:04 | | Jaswal | OK |
| 10 | S08 | S08 | CAL9 | 12/27/24 15:07 | | Jaswal | OK |
| 11 | ICV002 | ICV002 | ICV | 12/27/24 15:30 | Inst. paused for calibration review | Jaswal | OK |
| 12 | ICB002 | ICB002 | ICB | 12/27/24 15:38 | Inst. paused for review | Jaswal | OK |
| 13 | ICSA002 | ICSA002 | ICSA | 12/27/24 15:42 | | Jaswal | OK |
| 14 | ICSAB002 | ICSAB002 | ICSAB | 12/27/24 15:45 | | Jaswal | OK |
| 15 | CCV011 | CCV011 | CCV | 12/27/24 15:48 | | Jaswal | OK |
| 16 | CCB011 | CCB011 | CCB | 12/27/24 15:51 | | Jaswal | OK |
| 17 | P5306-02DL | OU4-VSL-07-121224 | SAM | 12/27/24 15:57 | Not Use | Jaswal | Not Ok |
| 18 | P5306-02DUPDL | OU4-VSL-07-121224 | DUP | 12/27/24 16:01 | Not Use | Jaswal | Not Ok |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/30/2024 3:27:20 AM |
| Supervise By | Mohan Bera | Supervise On | 12/30/2024 3:28:46 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | P5306-02LDL | OU4-VSL-07-121224L | SD | 12/27/24 16:04 | Not Use | Jaswal | Not Ok |
| 20 | P5306-02MSDL | OU4-VSL-07-121224 | MSD | 12/27/24 16:07 | Not Use | Jaswal | Not Ok |
| 21 | P5306-02MSDDL | OU4-VSL-07-121224 | MSD | 12/27/24 16:10 | Not Use | Jaswal | Not Ok |
| 22 | P5306-02ADL | OU4-VSL-07-121224A | PS | 12/27/24 16:13 | Not Use | Jaswal | Not Ok |
| 23 | P5306-08DL | OU4-VSL-10-121224 | SAM | 12/27/24 16:16 | Not Use | Jaswal | Not Ok |
| 24 | P5306-10DL | OU4-VSL-11-121224 | SAM | 12/27/24 16:19 | Not Use | Jaswal | Not Ok |
| 25 | CCV012 | CCV012 | CCV | 12/27/24 16:23 | | Jaswal | OK |
| 26 | CCB012 | CCB012 | CCB | 12/27/24 16:25 | | Jaswal | OK |
| 27 | PB165821BL | PBS821 | MB | 12/27/24 16:29 | | Jaswal | OK |
| 28 | PB165821BS | LCS821 | LCS | 12/27/24 16:32 | | Jaswal | OK |
| 29 | P5255-02A | MJNL72A | PS | 12/27/24 16:35 | PS For As-0.05-MP83764 - 10ml Sample | Jaswal | OK |
| 30 | P5256-01ARE | MJNL92A | PS | 12/27/24 16:41 | Not Use | Jaswal | Not Ok |
| 31 | P5259-04A | ME28X0A | PS | 12/27/24 16:44 | PS For Sb,As,Cd,Se,Tl | Jaswal | OK |
| 32 | P5271-06A | MJNKC7A | PS | 12/27/24 16:47 | Not Required | Jaswal | Not Ok |
| 33 | P5266-04 | ME28Y9 | SAM | 12/27/24 16:50 | | Jaswal | OK |
| 34 | P5266-19 | ME28Y9D | DUP | 12/27/24 16:53 | | Jaswal | OK |
| 35 | P5266-04LDL | ME28Y9L | SD | 12/27/24 16:57 | | Jaswal | OK |
| 36 | P5266-20 | ME28Y9S | MS | 12/27/24 17:00 | MS Fail For Sb,As,Cd,Se,Tl,Zn | Jaswal | OK |
| 37 | P5266-17 | ME2902 | SAM | 12/27/24 17:03 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/30/2024 3:27:20 AM |
| Supervise By | Mohan Bera | Supervise On | 12/30/2024 3:28:46 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 38 | P5266-18 | ME2903 | SAM | 12/27/24 17:06 | Cr High | Jaswal | Dilution |
| 39 | P5256-01ARE2 | MJNL92A | PS | 12/27/24 17:09 | Not USe | Jaswal | Not Ok |
| 40 | P5250-01 | MJNBZ1 | SAM | 12/27/24 17:12 | | Jaswal | OK |
| 41 | P5250-02 | MJNBZ3 | SAM | 12/27/24 17:16 | | Jaswal | OK |
| 42 | P5256-01A | MJNL92A | PS | 12/27/24 17:20 | | Jaswal | Not Ok |
| 43 | P5250-03 | MJNBZ4 | SAM | 12/27/24 17:23 | | Jaswal | OK |
| 44 | P5250-04 | MJNBZ7 | SAM | 12/27/24 17:26 | | Jaswal | OK |
| 45 | P5250-05 | MJNBZ8 | SAM | 12/27/24 17:29 | | Jaswal | OK |
| 46 | P5250-06 | MJNBZ2 | SAM | 12/27/24 17:33 | | Jaswal | OK |
| 47 | P5250-07 | MJNBZ2D | DUP | 12/27/24 17:36 | | Jaswal | OK |
| 48 | P5250-06L | MJNBZ2L | SD | 12/27/24 17:39 | | Jaswal | OK |
| 49 | P5250-08 | MJNBZ2S | MS | 12/27/24 17:42 | MS Fail For Sb(Below RL),As(9.80ppb),Cd(Below RL),Mo(Below RL),Se(Below RL),Tl(Below RL) | Jaswal | OK |
| 50 | PB165880BL | PBS880 | MB | 12/27/24 17:45 | | Jaswal | OK |
| 51 | PB165880BS | LCS880 | LCS | 12/27/24 17:49 | | Jaswal | OK |
| 52 | PB165859BL | PBW859 | MB | 12/27/24 17:52 | | Jaswal | OK |
| 53 | PB165859BS | LCS859 | LCS | 12/27/24 17:55 | | Jaswal | OK |
| 54 | CCV013 | CCV013 | CCV | 12/27/24 18:01 | | Jaswal | OK |
| 55 | CCB013 | CCB013 | CCB | 12/27/24 18:11 | Inst. paused for review | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/30/2024 3:27:20 AM |
| Supervise By | Mohan Bera | Supervise On | 12/30/2024 3:28:46 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 56 | PB165867BL | PBS867 | MB | 12/27/24 18:14 | | Jaswal | OK |
| 57 | PB165867BS | LCS867 | LCS | 12/27/24 18:18 | | Jaswal | OK |
| 58 | PB165866BL | PBS866 | MB | 12/27/24 18:21 | | Jaswal | OK |
| 59 | PB165866BS | LCS866 | LCS | 12/27/24 18:24 | | Jaswal | OK |
| 60 | P5347-05 | MJNBZ5 | SAM | 12/27/24 18:28 | | Jaswal | OK |
| 61 | P5347-06 | MJNBZ5D | DUP | 12/27/24 18:31 | | Jaswal | OK |
| 62 | P5347-05L | MJNBZ5L | SD | 12/27/24 18:34 | | Jaswal | OK |
| 63 | P5347-07 | MJNBZ5S | MS | 12/27/24 18:37 | MS Fail For Sb,As,Cd,Se,Tl | Jaswal | OK |
| 64 | P5364-06 | MJNKB1 | SAM | 12/27/24 18:40 | As,Zn High | Jaswal | Dilution |
| 65 | P5364-07 | MJNKB1D | DUP | 12/27/24 18:43 | As,Zn High | Jaswal | Dilution |
| 66 | P5364-06L | MJNKB1L | SD | 12/27/24 18:46 | As,Zn High | Jaswal | Dilution |
| 67 | P5364-08 | MJNKB1S | MS | 12/27/24 18:49 | As,Zn High | Jaswal | Dilution |
| 68 | P5352-04 | ME2926 | SAM | 12/27/24 18:52 | | Jaswal | OK |
| 69 | P5352-05 | ME2926D | DUP | 12/27/24 18:56 | | Jaswal | OK |
| 70 | P5352-04L | ME2926L | SD | 12/27/24 18:59 | | Jaswal | OK |
| 71 | P5352-06 | ME2926S | MS | 12/27/24 19:02 | MS Fail For Sb,As,Cd,Se,Tl | Jaswal | OK |
| 72 | P5363-06 | MJNKA6 | SAM | 12/27/24 19:05 | | Jaswal | OK |
| 73 | P5363-07 | MJNKA6D | DUP | 12/27/24 19:08 | | Jaswal | OK |
| 74 | P5363-06L | MJNKA6L | SD | 12/27/24 19:11 | | Jaswal | OK |
| 75 | P5363-06RE | MJNKA6 | SAM | 12/27/24 19:15 | Not Use | Jaswal | Not Ok |

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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/30/2024 3:27:20 AM |
| Supervise By | Mohan Bera | Supervise On | 12/30/2024 3:28:46 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 76 | P5347-01 | MJNBZ9 | SAM | 12/27/24 19:18 | | Jaswal | OK |
| 77 | CCV014 | CCV014 | CCV | 12/27/24 19:21 | | Jaswal | OK |
| 78 | CCB014 | CCB014 | CCB | 12/27/24 19:24 | | Jaswal | OK |
| 79 | P5347-02 | MJNBZ9D | DUP | 12/27/24 19:27 | | Jaswal | OK |
| 80 | P5347-01L | MJNBZ9L | SD | 12/27/24 19:31 | | Jaswal | OK |
| 81 | P5347-03 | MJNBZ9S | MS | 12/27/24 19:34 | | Jaswal | OK |
| 82 | P5354-02 | ME2928 | SAM | 12/27/24 19:37 | | Jaswal | OK |
| 83 | P5354-03 | ME2928D | DUP | 12/27/24 19:40 | | Jaswal | OK |
| 84 | P5354-02L | ME2928L | SD | 12/27/24 19:44 | | Jaswal | OK |
| 85 | P5354-04 | ME2928S | MS | 12/27/24 19:47 | | Jaswal | OK |
| 86 | P5254-12 | MJNLG1 | SAM | 12/27/24 19:50 | | Jaswal | OK |
| 87 | P5255-07 | MJNLC3 | SAM | 12/27/24 19:54 | | Jaswal | OK |
| 88 | P5347-04 | MJNC00 | SAM | 12/27/24 19:57 | | Jaswal | OK |
| 89 | P5354-01 | ME2927 | SAM | 12/27/24 20:00 | | Jaswal | OK |
| 90 | P5363-14 | MJNLE3 | SAM | 12/27/24 20:04 | | Jaswal | OK |
| 91 | P5363-15 | MJNLF9 | SAM | 12/27/24 20:07 | | Jaswal | OK |
| 92 | P5363-16 | MJNLG0 | SAM | 12/27/24 20:10 | | Jaswal | OK |
| 93 | P5364-20 | MJNLC4 | SAM | 12/27/24 20:13 | | Jaswal | OK |
| 94 | P5364-01 | MJNKA1 | SAM | 12/27/24 20:17 | | Jaswal | OK |
| 95 | P5364-02 | MJNKA7 | SAM | 12/27/24 20:20 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/30/2024 3:27:20 AM |
| Supervise By | Mohan Bera | Supervise On | 12/30/2024 3:28:46 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 96 | P5364-03 | MJNKA8 | SAM | 12/27/24 20:23 | | Jaswal | OK |
| 97 | P5364-04 | MJNKA9 | SAM | 12/27/24 20:26 | | Jaswal | OK |
| 98 | P5364-05 | MJNKB0 | SAM | 12/27/24 20:29 | As High | Jaswal | Dilution |
| 99 | P5364-09 | MJNKB2 | SAM | 12/27/24 20:32 | As,Zn High | Jaswal | Dilution |
| 100 | P5364-10 | MJNKB3 | SAM | 12/27/24 20:36 | | Jaswal | OK |
| 101 | P5364-11 | MJNKB4 | SAM | 12/27/24 20:39 | As,Zn High | Jaswal | Dilution |
| 102 | P5364-12 | MJNKB5 | SAM | 12/27/24 20:42 | | Jaswal | OK |
| 103 | P5364-13 | MJNKB9 | SAM | 12/27/24 20:45 | | Jaswal | OK |
| 104 | P5364-14 | MJNKC1 | SAM | 12/27/24 20:49 | | Jaswal | OK |
| 105 | P5364-15 | MJNKC2 | SAM | 12/27/24 20:52 | | Jaswal | OK |
| 106 | CCV015 | CCV015 | CCV | 12/27/24 20:55 | | Jaswal | OK |
| 107 | CCB015 | CCB015 | CCB | 12/27/24 21:06 | Inst. paused for review | Jaswal | OK |
| 108 | P5364-16 | MJNKC3 | SAM | 12/27/24 21:09 | | Jaswal | OK |
| 109 | P5364-17 | MJNKG8 | SAM | 12/27/24 21:12 | | Jaswal | OK |
| 110 | P5364-18 | MJNKH9 | SAM | 12/27/24 21:15 | | Jaswal | OK |
| 111 | P5364-19 | MJNKJ1 | SAM | 12/27/24 21:19 | | Jaswal | OK |
| 112 | P5352-01 | ME2922 | SAM | 12/27/24 21:22 | | Jaswal | OK |
| 113 | P5352-02 | ME2924 | SAM | 12/27/24 21:25 | | Jaswal | OK |
| 114 | P5352-03 | ME2925 | SAM | 12/27/24 21:28 | | Jaswal | OK |
| 115 | P5363-01 | MJNKA0 | SAM | 12/27/24 21:32 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/30/2024 3:27:20 AM |
| Supervise By | Mohan Bera | Supervise On | 12/30/2024 3:28:46 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 116 | P5363-02 | MJNKA2 | SAM | 12/27/24 21:35 | As High | Jaswal | Dilution |
| 117 | P5363-08 | MJNKA6S | MS | 12/27/24 21:38 | | Jaswal | OK |
| 118 | P5363-03 | MJNKA3 | SAM | 12/27/24 21:41 | As High | Jaswal | Dilution |
| 119 | P5363-04 | MJNKA4 | SAM | 12/27/24 21:44 | As High | Jaswal | Dilution |
| 120 | P5363-05 | MJNKA5 | SAM | 12/27/24 21:47 | As,Pb,Zn High | Jaswal | Dilution |
| 121 | P5363-09 | MJNKB6 | SAM | 12/27/24 21:50 | As,Pb,Zn High | Jaswal | Dilution |
| 122 | P5363-10 | MJNKC4 | SAM | 12/27/24 21:53 | | Jaswal | OK |
| 123 | P5363-11 | MJNKG9 | SAM | 12/27/24 21:56 | | Jaswal | OK |
| 124 | P5363-12 | MJNKH0 | SAM | 12/27/24 21:59 | | Jaswal | OK |
| 125 | P5363-13 | MJNKJ0 | SAM | 12/27/24 22:02 | | Jaswal | OK |
| 126 | CCV016 | CCV016 | CCV | 12/27/24 22:32 | | Jaswal | OK |
| 127 | CCB016 | CCB016 | CCB | 12/27/24 22:35 | | Jaswal | OK |
| 128 | P5364-06ARE | MJNKB1A | PS | 12/27/24 22:41 | Not Use | Jaswal | Not Ok |
| 129 | P5266-04ARE | ME28Y9A | PS | 12/27/24 22:43 | Not Use | Jaswal | Not Ok |
| 130 | P5352-04ARE | ME2926A | PS | 12/27/24 22:47 | Not Use | Jaswal | Not Ok |
| 131 | P5347-05ARE | MJNBZ5A | PS | 12/27/24 22:50 | Not Use | Jaswal | Not Ok |
| 132 | P5250-06ARE | MJNBZ2A | PS | 12/27/24 22:53 | Not Use | Jaswal | Not Ok |
| 133 | P5364-06ARE2 | MJNKB1A | PS | 12/27/24 22:56 | Not Use | Jaswal | Not Ok |
| 134 | CCV017 | CCV017 | CCV | 12/27/24 23:44 | | Jaswal | OK |
| 135 | CCB017 | CCB017 | CCB | 12/27/24 23:47 | | Jaswal | OK |

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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/30/2024 3:27:20 AM |
| Supervise By | Mohan Bera | Supervise On | 12/30/2024 3:28:46 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 136 | P5266-02DL | ME28Y7 | SAM | 12/27/24 23:51 | Not Required | Jaswal | Not Ok |
| 137 | P5364-06DL | MJNKB1 | SAM | 12/27/24 23:54 | 2X For As,Zn , Still As High | Jaswal | Dilution |
| 138 | P5364-07DL | MJNKB1D | DUP | 12/27/24 23:57 | 2X For As,Zn , Still As High | Jaswal | Dilution |
| 139 | P5364-06LDL | MJNKB1L | SD | 12/28/24 | 10X For As,Zn , Still As High | Jaswal | Confirms |
| 140 | P5364-08DL | MJNKB1S | MS | 12/28/24 00:03 | 2X For As,Zn , Still As High | Jaswal | Dilution |
| 141 | P5364-06DL2 | MJNKB1 | SAM | 12/28/24 00:06 | Not Use | Jaswal | Not Ok |
| 142 | P5364-07DL2 | MJNKB1D | DUP | 12/28/24 00:09 | Not Use | Jaswal | Not Ok |
| 143 | P5364-06LDL2 | MJNKB1L | SD | 12/28/24 00:12 | Not Use | Jaswal | Not Ok |
| 144 | P5364-08DL2 | MJNKB1S | MS | 12/28/24 00:16 | Not Use | Jaswal | Not Ok |
| 145 | P5364-06DL3 | MJNKB1 | SAM | 12/28/24 00:19 | 10X For As | Jaswal | Confirms |
| 146 | P5364-07DL3 | MJNKB1D | DUP | 12/28/24 00:22 | 10X For As | Jaswal | Confirms |
| 147 | P5364-06LDL3 | MJNKB1L | SD | 12/28/24 00:25 | 50X For As | Jaswal | Confirms |
| 148 | P5364-08DL3 | MJNKB1S | MS | 12/28/24 00:28 | 10X For As | Jaswal | Confirms |
| 149 | P5364-05DL | MJNKB0 | SAM | 12/28/24 00:32 | 2X For As | Jaswal | Confirms |
| 150 | P5364-09DL | MJNKB2 | SAM | 12/28/24 00:35 | 5X For As,Zn , Still As High | Jaswal | Dilution |
| 151 | P5364-09DL2 | MJNKB2 | SAM | 12/28/24 00:38 | 20X for As | Jaswal | Confirms |
| 152 | P5364-11DL | MJNKB4 | SAM | 12/28/24 00:41 | 2X For As,Zn , Still As High | Jaswal | Dilution |
| 153 | P5364-11DL2 | MJNKB4 | SAM | 12/28/24 00:44 | Not Use | Jaswal | Not Ok |
| 154 | P5364-11DL3 | MJNKB4 | SAM | 12/28/24 00:47 | 10X For As | Jaswal | Confirms |

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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/30/2024 3:27:20 AM |
| Supervise By | Mohan Bera | Supervise On | 12/30/2024 3:28:46 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 155 | P5363-02DL | MJNKA2 | SAM | 12/28/24 00:50 | Not Use | Jaswal | Not Ok |
| 156 | P5363-02DL2 | MJNKA2 | SAM | 12/28/24 00:54 | 5X For As | Jaswal | Confirms |
| 157 | P5363-03DL | MJNKA3 | SAM | 12/28/24 00:57 | 5X For As | Jaswal | Confirms |
| 158 | CCV018 | CCV018 | CCV | 12/28/24 01:00 | | Jaswal | OK |
| 159 | CCB018 | CCB018 | CCB | 12/28/24 01:03 | | Jaswal | OK |
| 160 | P5363-04DL | MJNKA4 | SAM | 12/28/24 01:06 | Not Use | Jaswal | Not Ok |
| 161 | P5363-04DL2 | MJNKA4 | SAM | 12/28/24 01:09 | 5X For As | Jaswal | Confirms |
| 162 | P5363-05DL | MJNKA5 | SAM | 12/28/24 01:12 | Not use | Jaswal | Not Ok |
| 163 | P5363-05DL2 | MJNKA5 | SAM | 12/28/24 01:15 | 10X For As,Pb,Zn , Still As High | Jaswal | Dilution |
| 164 | P5363-05DL3 | MJNKA5 | SAM | 12/28/24 01:18 | 25X For As | Jaswal | Confirms |
| 165 | P5363-09DL | MJNKB6 | SAM | 12/28/24 01:22 | 2X For As,Pb,Zn , Still As,Zn High | Jaswal | Dilution |
| 166 | P5363-09DL2 | MJNKB6 | SAM | 12/28/24 01:25 | 5X For As,Zn, Still As High | Jaswal | Dilution |
| 167 | P5363-09DL3 | MJNKB6 | SAM | 12/28/24 01:28 | Not Use | Jaswal | Not Ok |
| 168 | P5363-09DL4 | MJNKB6 | SAM | 12/28/24 01:31 | 25X For As | Jaswal | Confirms |
| 169 | P5364-06A | MJNKB1A | PS | 12/28/24 01:34 | Not Required | Jaswal | Not Ok |
| 170 | P5266-04A | ME28Y9A | PS | 12/28/24 01:37 | PS For Sb,As,Cd,Se,Tl,Zn | Jaswal | OK |
| 171 | P5352-04A | ME2926A | PS | 12/28/24 01:40 | PS For Sb,As,Cd,Se,Tl | Jaswal | OK |
| 172 | P5347-05A | MJNBZ5A | PS | 12/28/24 01:43 | PS For Sb,As,Cd,Se,Tl | Jaswal | OK |
| 173 | P5250-06A | MJNBZ2A | PS | 12/28/24 01:47 | Not Use | Jaswal | Not Ok |

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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/30/2024 3:27:20 AM |
| Supervise By | Mohan Bera | Supervise On | 12/30/2024 3:28:46 AM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636 |
| ICV Standard | MP83629 |
| CCV Standard | MP83632 |
| ICSA Standard | MP83630,MP83631 |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 174 | CCV019 | CCV019 | CCV | 12/28/24 01:50 | | Jaswal | OK |
| 175 | CCB019 | CCB019 | CCB | 12/28/24 01:53 | | Jaswal | OK |

ORIGIN ID:BVUA (425) 941-1406
ATTN: CANDICE SCHWARTZ
CH2MHILL
1100 112TH AVE NE
SUITE 500
BELLEVUE, WA 98004
UNITED STATES US

SHIP DATE: 10DEC24
ACTWGT: 40.00 LB
CAD: 105505917/INET4535
DIMS: 24x14x14 IN

BILL SENDER

Cooler 9

TO **MOHAMMAD AHMED**
**ALLIANCE TECHNICAL (CLP LAB)**
**284 SHEFFIELD STREET MOUNTAINSIDE** 12-11-24 9:40 2-1

**MOUNTAINSIDE NJ 07092**
(908) 728-3151
INV:
PO: ASARCO / E. GRIFFITHS
REF: D3656100.B.PN.ODC.01.6-2
DEPT:

58CJ4/EB78/C6C4

J244024091001uv

FedEx Express

WED - 11 DEC 12:00P
PRIORITY OVERNIGHT

TRK# 0201 **7706 5417 6396**

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**07092**
**NJ-US EWR**

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ATTN: CANDICE SCHWARTZ
CH2MHILL
11100 112TH AVE NE
SUITE 500
BELLEVUE, WA 98004
UNITED STATES US

SHIP DATE: 10DEC24
ACTWGT: 50.00 LB
CAD: 105050917/INET4535
DIMS: 24x14x14 IN

BILL SENDER

Cooler 10

TO **MOHAMMAD AHMED**
**ALLIANCE TECHNICAL (CLP LAB)**
**284 SHEFFIELD STREET MOUNTAINSIDE**

12-11-24
9:40
2 of 2

**MOUNTAINSIDE NJ 07092**
(908) 728-3151
INV:
PO: ASARCO / E. GRIFFITHS
REF: D3856100.B.PN.ODC.01.6-2
DEPT:

58CJ4/EB78/C6C4

J244024091001uv

FedEx Express

**WED - 11 DEC 12:00P**
**PRIORITY OVERNIGHT**

TRK# 0201 **7706 5594 5660**

**XE KBCA**

**NJ-US EWR 07092**

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# Login Summary Report

| | | | | | |
|---|---|---|---|---|---|
| Order ID : | P5254 | Order Date : | 12/11/2024 9:40:00 AM | Project Mgr : | Deepak |
| Client : | USEPA CLP SMO | Project : | 51821 | Report Type : | USEPA CLP |
| Contact : | Anita Kapadia | Receive Date : | 12/11/2024 9:40:00 AM | EDD Type : | EPA CLP |
| Date Sign Off : | 12/13/2024 10:26:18 AM | | | | |

| Sample ID | Client ID | Matrix | Sampling Date | Test | Test Group | Method | TAT Days | Fax Due Date | HC Due Date |
|---|---|---|---|---|---|---|---|---|---|
| P5254-01 | MJNKK5 | Solid | 12/09/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-02 | MJNKK5D | Solid | 12/09/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-03 | MJNKK5S | Solid | 12/09/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-04 | MJNKL7 | Solid | 12/09/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-05 | MJNKP2 | Solid | 12/09/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-06 | MJNKP3 | Solid | 12/09/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-07 | MJNKP4 | Solid | 12/09/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-08 | MJNKP5 | Solid | 12/09/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-09 | MJNKX2 | Solid | 12/09/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-10 | MJNL82 | Solid | 12/06/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| P5254-11 | MJNL83 | Solid | 12/06/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-12 | MJNLG1 | Water | 12/09/2024 | | EB | | | | |
| | | | | Metals CLP MS-CLP4 | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| P5254-13 | MJNKK3 | Solid | 12/05/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-14 | MJNKK4 | Solid | 12/05/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-15 | MJNKN6 | Solid | 12/05/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-16 | MJNKN7 | Solid | 12/05/2024 | | FD | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-17 | MJNKN8 | Solid | 12/05/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-18 | MJNKQ9 | Solid | 12/09/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-19 | MJNKT0 | Solid | 12/04/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-20 | MJNKW1 | Solid | 12/05/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-21 | MJNKW2 | Solid | 12/05/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |
| P5254-22 | MJNKY3 | Solid | 12/05/2024 | | | | | | |
| | | | | Metals CLP4 MS | | SFAM_MS | 15 | 01/01/2025 | 01/01/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/01/2025 | 01/01/2025 |

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** PB165756 **WorkList ID :** 186482 **Department :** Digestion **Date :** 12-19-2024 09:14:4

2005

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5254-01 | MJNKK5 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-02 | MJNKK5D | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-03 | MJNKK5S | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-04 | MJNKL7 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-05 | MJNKP2 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-06 | MJNKP3 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-07 | MJNKP4 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-08 | MJNKP5 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-09 | MJNKX2 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-10 | MJNL82 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-11 | MJNL83 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/06/2024 | SFAM_MS |
| P5254-13 | MJNKK3 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/06/2024 | SFAM_MS |
| P5254-14 | MJNKK4 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | SFAM_MS |
| P5254-15 | MJNKN6 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | SFAM_MS |
| P5254-16 | MJNKN7 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | SFAM_MS |
| P5254-17 | MJNKN8 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | SFAM_MS |
| P5254-18 | MJNKQ9 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | SFAM_MS |
| P5254-19 | MJNKT0 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5254-20 | MJNKW1 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/04/2024 | SFAM_MS |
| P5254-21 | MJNKW2 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | SFAM_MS |
| P5254-22 | MJNKY3 | Solid | Metals CLP4 MS | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | SFAM_MS |

**Date/Time** 12/19/24 9:35

**Raw Sample Received by:** SKG. met digestion

**Raw Sample Relinquished by:** JDCSM)

**Date/Time** 12/29/24 10:35

**Raw Sample Received by:** JDCSM)

**Raw Sample Relinquished by:** SKG. met digestion

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** PB165859 **WorkList ID :** 186623 **Department :** Digestion **Date :** 12-26-2024 11:22:16

2006

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5254-12 | MJNLG1 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5255-07 | MJNLC3 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C12 | 12/05/2024 | SFAM_MS |
| P5347-01 | MJNBZ9 | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/16/2024 | SFAM_MS |
| P5347-02 | MJNBZ9D | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/16/2024 | SFAM_MS |
| P5347-03 | MJNBZ9S | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/16/2024 | SFAM_MS |
| P5347-04 | MJNC00 | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/16/2024 | SFAM_MS |
| P5354-01 | ME2927 | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/17/2024 | SFAM_MS |
| P5354-02 | ME2928 | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_MS |
| P5354-03 | ME2928D | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_MS |
| P5354-04 | ME2928S | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_MS |
| P5363-14 | MJNLE3 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_MS |
| P5363-15 | MJNLF9 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C21 | 12/12/2024 | SFAM_MS |
| P5363-16 | MJNLG0 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C21 | 12/13/2024 | SFAM_MS |
| P5364-20 | MJNLC4 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C12 | 12/19/2024 | SFAM_MS |

**Date/Time** 12/26/24 11:38
**Raw Sample Received by:** SLD. met digestion
**Raw Sample Relinquished by:**



**Date/Time** 12/26/24 12:38
**Raw Sample Received by:**
**Raw Sample Relinquished by:** SLD. met digestion