# SDG COVER PAGE

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

Lab Code: ACE Case No.: 51918 MA No.: 3157.0 SDG No.: MJNBZ1

SOW No. : SFAM01.1

| EPA Sample No. | Lab Sample Id | Analysis Method ICP-AES | ICP-MS | Mercury | Cyanide |
|---|---|---|---|---|---|
| MJNBZ1 | P5250-01 | | X | X | |
| MJNBZ3 | P5250-02 | | X | X | |
| MJNBZ4 | P5250-03 | | X | X | |
| MJNBZ7 | P5250-04 | | X | X | |
| MJNBZ8 | P5250-05 | | X | X | |
| MJNBZ2 | P5250-06 | | X | X | |
| MJNBZ2D | P5250-07 | | X | X | |
| MJNBZ2S | P5250-08 | | X | 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 # MJNBZ1

**USEPA CLP COC (LAB COPY)**

**CHAIN OF CUSTODY RECORD**

**No: 10-120324-132121-0003**

DateShipped: 12/9/2024
CarrierName: FedEx
AirbillNo: 7706 2369 0648

Case #: 51918
Cooler #:

Lab: Alliance Technical Group, LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-789-8900

| Sample Identifier | CLP Sample No. | Matrix/Sampler | Coll. Method | Analysis/Turnaround (Days) | Tag/Preservative/Bottles | Location | Collection Date/Time | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| WSTB-J003SB-~~2~~ 51-3 | MJNBZ1 | Soil Subsurface/ | Disposable Hand Trowel | ICP/MS(21) | 1042 (< 6 C) (2) | WSTB-J003SB | 12/05/2024 1044 | |

Special Instructions:

**Shipment for Case Complete? N**

**Samples Transferred From Chain of Custody #**

Analysis Key: ICP/MS=CLP TAL Metals ICP-MS (Incl. Hg + Molybdenum)

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| MJNBZ1 | Jennifer Mead | 12/5/24 1215 | Emily Ozg WSP | 12/5/24 1215 | Good |
| | | | | 7:40 12-11-24 | ICP-Cont #1 2.0 Custody Seal Intact Temp Blank present |
| | | | | | |

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68HERH20D0011

SDG # MJNBZ1

**USEPA CLP COC (LAB COPY)**

**CHAIN OF CUSTODY RECORD**

**No: 10-120324-181024-0008**

DateShipped: 12/9/2024
CarrierName: Fedex
AirbillNo: 7706 2369 0648

Case #: 51918
Cooler #:

Alliance Technical Group, LLC. Lab:
Mohammad Ahmed Lab Contact:
908-789-8900 Lab Phone:

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| Sample Identifier | CLP Sample No. | Matrix/Sampler | Coll. Method | Analysis/Turnaround (Days) | Tag/Preservative/Bottles | Location | Collection Date/Time | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| SNBL-J018SB-1-2 | MJNBZ3 | Soil Subsurface/ | Direct Push Technology | ICP/MS(21) | 1003 (< 6 C) (2) | SNBL-J018SB | 12/11/2024 1033 | |
| SNBL-J018SB-2-3 | MJNBZ4 | Soil Subsurface/ | Direct Push Technology | ICP/MS(21) | 1020 (< 6 C) (2) | SNBL-J018SB | 12/11/2024 1040 | |
| ~~SNBL-J019SB-1-2~~ | ~~MJNBZ5~~ | ~~Soil Subsurface/~~ | ~~Direct Push Technology~~ | ~~ICP/MS(21)~~ | ~~1025 (< 6 C) (2)~~ | ~~SNBL-J019SB~~ | ~~12/11/2024~~ | |
| ~~SNBL-J019SB-2-3~~ | ~~MJNBZ6~~ | ~~Soil Subsurface/~~ | ~~Direct Push Technology~~ | ~~ICP/MS(21)~~ | ~~1021 (< 6 C) (2)~~ | ~~SNBL-J019SB~~ | ~~12/11/2024~~ | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Special Instructions:

**Shipment for Case Complete? N**

**Samples Transferred From Chain of Custody #**

Analysis Key: ICP/MS=CLP TAL Metals ICP-MS (Incl. Hg + Molybdenum)

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| ~~MJNBZ3~~, MJNBZ4 | Jennifer Ulich | 12/6/24 1110 | Emily Os WSP | 12/6/24 1110 | |
| | | | | 7:40 12-11-24 | IR-Gun #1 2.0°C Custody Seal Intact Temp Blank present |
| | | | | | |

68HERH20D0011

SDG # MJNBZ1

**USEPA CLP COC (LAB COPY)**

**CHAIN OF CUSTODY RECORD**

**No: 10-120324-182542-0011**

DateShipped: ~~12/12/2024~~ 12/13/2024

CarrierName: Fedex

AirbillNo: 7707 5761 1280

Case #: 51918

Cooler #:

Lab: Alliance Technical Group, LLC

Lab Contact: Mohammad Ahmed

Lab Phone: 908-789-8900

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| Sample Identifier | CLP Sample No. | Matrix/Sampler | Coll. Method | Analysis/Turnaround (Days) | Tag/Preservative/Bottles | Location | Collection Date/Time | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| ROAD-J004SS | MJNBZ7 | Soil Surface/ | Disposable Hand Trowel | ICP/MS(21) | 1002 (< 6 C) (~~2~~) (1) | ROAD-J004SS | 12/12/2024 1030 | |
| WSTB-J002SS | MJNBZ8 | Soil Surface/ | Disposable Hand Trowel | ICP/MS(21) | 1037 (< 6 C) (~~2~~) (1) | WSTB-J002SS | 12/12/2024 0925 | |
| SNBL-J001SB-1-2 | MJNBZ2 | Soil Subsurface | Direct Push Technology | ICP/MS (21) | 1030 (<6 C) (~~2~~) (1) | SNBL-J001SB | 12/11/2024 1000 | |

Special Instructions:

**Shipment for Case Complete? N**

**Samples Transferred From Chain of Custody #**

Analysis Key: ICP/MS=CLP TAL Metals ICP-MS (Incl. Hg + Molybdenum)

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| MJNBZ7, MJNBZ8, MJNBZ2 | Jennifer Ulrich | 12/12/24 1250 | Emily Oz WSP | 12/12/24 1250 | Good |
| | | | | 12/14/24 10:35 | 2.1°C Iblem HH Tey blank Rec'd |

FORM DC-1

SAMPLE LOG-IN SHEET

| | | |
|---|---|---|
| Lab Name : Alliance Technical Group, LLC | | Page 1 of 2 |
| Received By (Print Name) Rosana Piña | | Log-in Date 12/11/2024 |
| Received By (Signature) | | |
| Case Number 51918 | SDG No. MJNBZ1 | MA No. 3157.0 |

| Remarks: | |
|---|---|
| 1. Custody Seal (s) | Present, Intact |
| 2. Custody Seal Nos. | n/a |
| 3. Traffic Reports/Chain Of Custody Records | Present |
| 4. Airbill | Present |
| 5. Airbill No. and Shipping Container ID No. | 770623690648<br>1 |
| 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 | 07:40 |

| | EPA Sample # | Aqueous/ Water Sample pH | Corresponding Sample Tag # | Corresponding Assigned Lab # | Remarks: Condition of Sample Shipment, etc. |
|---|---|---|---|---|---|
| 1 | MJNBZ1 | N/A | 1042 | P5250-01 | Intact |
| 2 | MJNBZ3 | N/A | ~~1033~~ 1033 AA | P5250-02 | Intact |
| 3 | MJNBZ4 | N/A | 1020 | P5250-03 | Intact |
| 4 | N/A | N/A | N/A | N/A | N/A |
| 5 | N/A | N/A | N/A | N/A | N/A |
| 6 | N/A | N/A | N/A | N/A | N/A |
| 7 | N/A | N/A | N/A | N/A | N/A |
| 8 | N/A | N/A | N/A | N/A | N/A |
| 9 | N/A | N/A | N/A | N/A | N/A |
| 10 | N/A | N/A | N/A | N/A | N/A |
| 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-1

SAMPLE LOG-IN SHEET

| | | |
|---|---|---|
| Lab Name : Alliance Technical Group, LLC | | Page 2 of 2 |
| Received By (Print Name) Gasparova Rina | | Log-in Date 12/14/2024 |
| Received By (Signature) | | |
| Case Number 51918 | SDG No. MJNBZ1 | MA No. ~~N/A~~ 31570 or |

| Remarks: | |
|---|---|
| 1. Custody Seal (s) | Present, Intact |
| 2. Custody Seal Nos. | n/a |
| 3. Traffic Reports/Chain Of Custody Records | Present |
| 4. Airbill | Present |
| 5. Airbill No. and Shipping Container ID No. | 770757611280<br>2 |
| 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 | 12/14/2024 |
| 12.Time Received | 10:35 |

| | EPA Sample # | Aqueous/ Water Sample pH | Corresponding Sample Tag # | Corresponding Assigned Lab # | Remarks: Condition of Sample Shipment, etc. |
|---|---|---|---|---|---|
| 1 | MJNBZ7 | N/A | 1002 | P5250-04 | Intact |
| 2 | MJNBZ8 | N/A | 1037 | P5250-05 | Intact |
| 3 | MJNBZ2 | N/A | 1030 | P5250-06 | Intact |
| 4 | MJNBZ2D | N/A | 1030 | P5250-07 | Intact |
| 5 | MJNBZ2S | N/A | 1030 | P5250-08 | Intact |
| 6 | N/A | N/A | N/A | N/A | N/A |
| 7 | N/A | N/A | N/A | N/A | N/A |
| 8 | N/A | N/A | N/A | N/A | N/A |
| 9 | N/A | N/A | N/A | N/A | N/A |
| 10 | N/A | N/A | N/A | N/A | N/A |
| 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 | 12/16/24 | 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. | **51918** | SDG NO. | **MJNBZ1** |
| MA NO. | **3157.0** | 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 | 4 | ✓ | |
| 3 . Sample Log-In Sheet (DC-1) | 5 | 6 | ✓ | |
| 4 . CSF Inventory Sheet (DC-2) | 7 | 9 | ✓ | |
| 5 . SDG Narrative | 10 | 14 | ✓ | |
| 6 . Communication Logs | 15 | 19 | ✓ | |
| 7 . Percent Solids Log | 20 | 21 | ✓ | |
| **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 | 22 | 27 | ✓ | |
| 18 . Instrument raw data by instrument in analysis order | 28 | 1311 | ✓ | |
| **Other Data** | | | | |
| 19 . Standard and Reagent Preparation Logs | 1312 | 1446 | ✓ | |
| 20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks | 1447 | 1448 | ✓ | |
| 21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks | 1449 | 1460 | ✓ | |
| 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 | 1461 | 1466 | ✓ | |
| 27. Instrument raw data by instrument in analysis order | 1467 | 1468 | ✓ | |
| **Other Data** | | | | |
| 28. Standard and Reagent Preparation Logs | 1469 | 1493 | ✓ | |
| 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks | 1494 | 1495 | ✓ | |
| 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks | 1496 | 1497 | ✓ | |
| 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 ) | 1498 | 1499 | ✓ | |
| Sample Tags | NA | NA | ✓ | |
| Sample Log-In Sheet (Lab) | 1500 | 1501 | ✓ | |
| 45. Misc. Shipping/Receiving Records (list all individual records) | | | | |
| | NA | NA | ✓ | |
| | | | | |
| | | | | |
| 46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list) | | | | |
| | 1502 | 1503 | ✓ | |
| | | | | |
| 47. Other Records and related Communication Logs (describe or list) | | | | |
| | NA | NA | ✓ | |
| | | | | |
| | | | | |

48. Comments:

Completed by:
(CLP Lab)

| (Signature) | Nimisha Pandya, Document Control Officer (Print Name & Title) | (Date) |
|---|---|---|

Audited by:
(EPA)

| (Signature) | (Print Name & Title) | (Date) |
|---|---|---|

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

**SDG NARRATIVE**

**USEPA**
**SDG # MJNBZ1**
**CASE # 51918**
**CONTRACT # 68HERH20D0011**
**SOW# SFAM01.1**
**LAB NAME: Alliance Technical Group, LLC**
**LAB CODE: ACE**
**LAB ORDER ID # P5250**
**MODIFIED ANALYSIS #3157.0**

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

06 Soil samples was delivered to the laboratory intact on 12/11/2024, 12/14/2024.

B. Parameters

Test requested for Metals CLP MS FULL = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc & Mercury.

**C. Cooler Temp**

Indicator Bottle**: Presence/**Absence

Cooler: 2.0$^{o}$C, 2.1$^{o}$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: There is no sample designated on the COC for laboratory QC for ICP-MS Metals and Hg analyses in SDG MJNBZ1. The laboratory has selected sample MJNBZ2 for laboratory QC for ICP-MS Metals and Hg, and confirms that the sample is not a PT, blank, or rinsate sample.

Issue 3: According to the COC, samples shipped on 12/09/2024, but the collection date for samples MJNBZ3 and MJNBZ4 is 12/11/2024, indicating these samples were collected two days after the ship date. 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 SFAM01.1 Exhibit A, Section 5.5.4.1., the laboratory should note the issue in the SDG Narrative and proceed with analysis of the samples.

Resolution 3: Per Region 10, the laboratory should proceed with a sample collection date of 12/06/2024 for samples MJNBZ3 and MJNBZ4. 12/11/2024 was the date that the samples were originally planned to be collected, but these samples were actually collected on 12/06/2024. 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 MJNBZ1 For Arsenic:**

If C = 9.24 ppb
Vf = 500 ml
W = 1.16 g
S = 0.894 (89.4/100)
DF = 1

$$\text{Concentration (mg/kg)} = 9.24 \times \frac{500}{1.16 \times 0.894} \times 1 / 1000$$

$$= 4.4549 \text{ mg/kg}$$

$$= 4.5 \text{ mg/kg (Reported Result with Signification)}$$

**Calculation for Hg 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 response in µg/L from the calibration curve.
Vf = Final prepared (absorbing solution) 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 MJNBZ1:**

If C =0.4461 ppb
Vf = 100 mL
W = 0.60g
S = 0.894(89.4/100)
DF = 1

$$\text{Concentration (mg/kg)} = 0.4461 \times \frac{100}{0.60 \times 0.894} \times 1 / 1000$$

$$= 0.083165 \text{ mg/kg}$$

$$= 0.083 \text{ mg/kg (Reported Result with Signification)}$$

**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. MS Spike sample did meet requirements. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

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 |
|---|---|

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

| | |
|---|---|
| Antimony | 159Tb |
| Arsenic | 89Y |
| Barium | 159Tb |
| Beryllium | 6Li |
| Cadmium | 159Tb |
| Chromium | 45Sc |
| Cobalt | 45Sc |
| Copper | 45Sc |
| Lead | 209Bi |
| Manganese | 45Sc |
| Molybdenum | 89Y |
| Nickel | 45Sc |
| Selenium | 89Y |
| Silver | 159Tb |
| Thallium | 209Bi |
| Vanadium | 45Sc |
| 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

| **Date:** 05/11/2017 | **MA:** 3157.0 | **Title:** ICP-MS Analysis Plus Molybdenum |
|---|---|---|
| **Method Source:** SFAM01.1 | **Method:** ICP-MS | |
| **Matrix:** Soil/Sediment | | |

**Summary of Modification**

The purpose of this modified analysis is to analyze soil/sediment samples by ICP-MS with the addition of the non-routine analyte Molybdenum (Mo). Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

**I. Analyte Modifications** **Not applicable** ☐

| Analyte | CAS Number | CRQL (mg/kg) | Spike Added (mg/kg) |
|---|---|---|---|
| Molybdenum (Mo) | 7439-98-7 | 2.0 | 100 |

**II. Calibration and QC Requirements** **Not applicable** ☐

The Laboratory shall:

- Ensure that a Method Detection Limit has been determined for Mo in soil/sediment matrix by the preparation method used for the samples that meets all applicable SOW requirements.
- Perform the Initial Calibration with at least one non-blank standard at or below the modified CRQL, converted to µg/L.
- Add Mo to the ICV and CCV at appropriate mid-range concentrations.
- Evaluate the ICB and CCB against the modified CRQL converted to µg/L.
- Evaluate the Preparation Blanks using the modified CRQL.
- Perform the Matrix Spike at the level specified above. Post-digestion spike requirements are per the SOW.
- Flag the Duplicates based on the modified CRQL.
- Prepare the LCS at 2 times the modified CRQL.

**III. Preparation and Method Modifications** **Not applicable** ☒

**IV. Special Reporting Requirements** **Not applicable** ☐

The Laboratory shall:

- Add Molybdenum to Form 1.
- Report the "J" and "U" qualifiers in accordance with the requirements in Exhibit B, Section 3.4.3.2.4.2, using the modified CRQL.
- Ensure that the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the corrective action taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses or re-preparations performed, and problems with the analysis of samples. Also include a discussion of any SOW Modified Analysis including a copy of the approved modification with the SDG Narrative.

**From:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Sent:** Monday, December 16, 2024 10:29 AM
**To:** Mohammad Ahmed; Deepak Parmar; Sohil Jodhani
**Cc:** Johnson, Matthew; Bauer, Heather E; Dunn, Meghan (she/her/hers; Reece, Caitlin; Britz, Helen; Moody, Brett; Gambrah, Derrick; Taylor, Lucinda; Myer, Shari; Patel, Bhavita; Vargas, Magda (she/her/hers
**Subject:** Region 10 | Case 51918 | Lab ACE | Issue Insufficient/inappropriate designation of laboratory QC | FINAL
**Attachments:** 51918-COC.pdf

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Good morning,

Please see the below resolution.

Issue: There is no sample designated on the COC for laboratory QC for ICP-MS Metals and Hg analyses in SDG MJNBZ1. The laboratory has selected sample MJNBZ2 for laboratory QC for ICP-MS Metals and Hg, and confirms that the sample is not a PT, blank, or rinsate sample.
Resolution: Per SFAM01.1 Exhibit A, Section 5.5.4.1., the laboratory should 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

GENERAL DYNAMICS
information technology

**Leave Alert: December 24, 2024**

**From:** Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Sent:** Monday, December 16, 2024 7:49 AM
**To:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Cc:** Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
**Subject:** Region 10 | Case 51918 | 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 : One SDG MJNBZ1 is open without lab QC for ICP-MS and Hg analysis However, a sample was not designated for Laboratory QC. Lab like to use sample MJNBZ2 for Lab QC. these samples are not blanks, rinsates or PE samples.

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:** Monday, December 16, 2024 1:35 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 51918 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC | FINAL
**Attachments:** P5250-TR.pdf

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Good afternoon,

Please see the below resolution from Region 10.

Issue: According to the COC, samples shipped on 12/09/2024, but the collection date for samples MJNBZ3 and MJNBZ4 is 12/11/2024, indicating these samples were collected two days after the ship date. Please advise on how the laboratory may proceed.
Resolution: Per Region 10, the laboratory should proceed with a sample collection date of 12/06/2024 for samples MJNBZ3 and MJNBZ4. 12/11/2024 was the date that the samples were originally planned to be collected, but these samples were actually collected on 12/06/2024. 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

GENERAL DYNAMICS
information technology

**Leave Alert: December 24, 2024**

**From:** Reece, Caitlin <Reece.Caitlin@epa.gov>
**Sent:** Monday, December 16, 2024 12:53 PM
**To:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
**Subject:** RE: Region 10 | Case 51918 | 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.

Hello Casey,

Below is the other resolution for ACE. Thank you!

**Resolution**2 (ACE): The collection date on the CoC is incorrect. The date of 12/11/24 was the planned date. Please use collection date of 12/6/24 for both samples.

Kind regards,
**Caitlin Reece**
QA Chemist
US Environmental Protection Agency, Region 10 – Seattle, WA
Laboratory Services & Applied Sciences Division
(206) 553-1813
reece.caitlin@epa.gov

**From:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Sent:** Monday, December 16, 2024 8:16 AM
**To:** Reece, Caitlin <Reece.Caitlin@epa.gov>; Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
**Subject:** Region 10 | Case 51918 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

**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 issue from ACE.

Issue: According to the COC, samples shipped on 12/09/2024, but the collection date for samples MJNBZ3 and MJNBZ4 is 12/11/2024, indicating these samples were collected two days after the ship date. 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***

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:** Monday, December 16, 2024 11:07 AM
**To:** Shaeffer, Casey <Casey.Shaeffer@gdit.com>
**Cc:** Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
**Subject:** Region 10 | Case 51918 | 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: Sample MJNBZ3 and MJNBZ4 collection dated on COC is after sample shipping dated ,therefore lab would like to confirm that lab how can 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

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 12/17/2024

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 14:25
**In Date:** 12/16/2024
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 103
**Time OUT:** 07:55
**Out Date:** 12/17/2024
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID- OVEN

**QC:** LB133958

| 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 |
|---|---|---|---|---|---|---|---|---|
| P5250-01 | MJNBZ1 | 1 | 1.15 | 8.67 | 9.82 | 8.9 | 89.4 | |
| P5250-02 | MJNBZ3 | 2 | 1.19 | 8.62 | 9.81 | 8.04 | 79.5 | |
| P5250-03 | MJNBZ4 | 3 | 1.18 | 8.42 | 9.6 | 7.55 | 75.7 | |
| P5250-04 | MJNBZ7 | 4 | 1.15 | 8.50 | 9.65 | 6.79 | 66.4 | |
| P5250-05 | MJNBZ8 | 5 | 1.15 | 8.80 | 9.95 | 8.36 | 81.9 | |
| P5250-06 | MJNBZ2 | 6 | 1.15 | 8.38 | 9.53 | 8.74 | 90.6 | |
| P5250-07 | MJNBZ2D | 7 | 1.15 | 8.38 | 9.53 | 8.74 | 90.6 | |
| P5250-08 | MJNBZ2S | 8 | 1.15 | 8.38 | 9.53 | 8.74 | 90.6 | |

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

# WORKLIST(Hardcopy Internal Chain)

1333958

**WorkList Name :** %1-p5250 **WorkList ID :** 186369 **Department :** Wet-Chemistry **Date :** 12-16-2024 10:40:13

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5250-01 | MJNBZ1 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | Chemtech -SO |
| P5250-02 | MJNBZ3 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | Chemtech -SO |
| P5250-03 | MJNBZ4 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | Chemtech -SO |
| P5250-04 | MJNBZ7 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/12/2024 | Chemtech -SO |
| P5250-05 | MJNBZ8 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/12/2024 | Chemtech -SO |
| P5250-06 | MJNBZ2 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | Chemtech -SO |
| P5250-07 | MJNBZ2D | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | Chemtech -SO |
| P5250-08 | MJNBZ2S | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | Chemtech -SO |

21

**Date/Time** 12-16-24 13:30

**Raw Sample Received by:** [signature]

**Raw Sample Relinquished by:** [signature]



**Date/Time** 12-16-24 14:30

**Raw Sample Received by:** [signature]

**Raw Sample Relinquished by:** [signature]

EPA SAMPLE NO.

MJNBZ1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-01

% Solids: 89.4 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 |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.082 | J | 12/27/2024 | 1712 |
| 7440-38-2 | Arsenic | 4.5 | | 12/27/2024 | 1712 |
| 7440-39-3 | Barium | 110 | | 12/27/2024 | 1712 |
| 7440-41-7 | Beryllium | 0.51 | | 12/27/2024 | 1712 |
| 7440-43-9 | Cadmium | 0.16 | J | 12/27/2024 | 1712 |
| 7440-47-3 | Chromium | 19 | | 12/27/2024 | 1712 |
| 7440-48-4 | Cobalt | 16 | | 12/27/2024 | 1712 |
| 7440-50-8 | Copper | 39 | | 12/27/2024 | 1712 |
| 7439-92-1 | Lead | 8.6 | | 12/27/2024 | 1712 |
| 7439-96-5 | Manganese | 450 | | 12/27/2024 | 1712 |
| 7440-02-0 | Nickel | 26 | | 12/27/2024 | 1712 |
| 7782-49-2 | Selenium | 0.35 | J | 12/27/2024 | 1712 |
| 7439-98-7 | Molybdenum | 0.35 | J | 12/27/2024 | 1712 |
| 7440-22-4 | Silver | 0.077 | J | 12/27/2024 | 1712 |
| 7440-28-0 | Thallium | 0.13 | J | 12/27/2024 | 1712 |
| 7440-62-2 | Vanadium | 79 | | 12/27/2024 | 1712 |
| 7440-66-6 | Zinc | 66 | | 12/27/2024 | 1712 |

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

Comments:

EPA SAMPLE NO.

MJNBZ2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-06

% Solids: 90.6 Date Received: 12/14/2024

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 |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.11 | J | 01/03/2025 | 2048 |
| 7440-38-2 | Arsenic | 4.6 | | 01/03/2025 | 2048 |
| 7440-39-3 | Barium | 82 | | 01/03/2025 | 2048 |
| 7440-41-7 | Beryllium | 0.39 | J | 01/03/2025 | 2048 |
| 7440-43-9 | Cadmium | 0.14 | J | 01/03/2025 | 2048 |
| 7440-47-3 | Chromium | 11 | | 01/03/2025 | 2048 |
| 7440-48-4 | Cobalt | 14 | | 01/03/2025 | 2048 |
| 7440-50-8 | Copper | 32 | | 01/03/2025 | 2048 |
| 7439-92-1 | Lead | 21 | | 01/03/2025 | 2048 |
| 7439-96-5 | Manganese | 490 | | 01/03/2025 | 2048 |
| 7440-02-0 | Nickel | 23 | | 01/03/2025 | 2048 |
| 7782-49-2 | Selenium | 0.30 | J | 01/03/2025 | 2048 |
| 7439-98-7 | Molybdenum | 0.36 | J | 01/03/2025 | 2048 |
| 7440-22-4 | Silver | 0.096 | J | 01/03/2025 | 2048 |
| 7440-28-0 | Thallium | 0.15 | J | 01/03/2025 | 2048 |
| 7440-62-2 | Vanadium | 59 | | 01/03/2025 | 2048 |
| 7440-66-6 | Zinc | 63 | | 01/03/2025 | 2048 |

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

Comments:

EPA SAMPLE NO.

MJNBZ3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-02

% Solids: 79.5 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 |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.048 | J | 12/27/2024 | 1716 |
| 7440-38-2 | Arsenic | 3.3 | | 12/27/2024 | 1716 |
| 7440-39-3 | Barium | 100 | | 12/27/2024 | 1716 |
| 7440-41-7 | Beryllium | 0.59 | | 12/27/2024 | 1716 |
| 7440-43-9 | Cadmium | 0.21 | J | 12/27/2024 | 1716 |
| 7440-47-3 | Chromium | 26 | | 12/27/2024 | 1716 |
| 7440-48-4 | Cobalt | 17 | | 12/27/2024 | 1716 |
| 7440-50-8 | Copper | 49 | | 12/27/2024 | 1716 |
| 7439-92-1 | Lead | 12 | | 12/27/2024 | 1716 |
| 7439-96-5 | Manganese | 530 | | 12/27/2024 | 1716 |
| 7440-02-0 | Nickel | 27 | | 12/27/2024 | 1716 |
| 7782-49-2 | Selenium | 0.30 | J | 12/27/2024 | 1716 |
| 7439-98-7 | Molybdenum | 0.26 | J | 12/27/2024 | 1716 |
| 7440-22-4 | Silver | 0.057 | J | 12/27/2024 | 1716 |
| 7440-28-0 | Thallium | 0.081 | J | 12/27/2024 | 1716 |
| 7440-62-2 | Vanadium | 73 | | 12/27/2024 | 1716 |
| 7440-66-6 | Zinc | 120 | | 12/27/2024 | 1716 |

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

Comments:

EPA SAMPLE NO.

MJNBZ4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-03

% Solids: 75.7 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 |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.075 | J | 12/27/2024 | 1723 |
| 7440-38-2 | Arsenic | 3.6 | | 12/27/2024 | 1723 |
| 7440-39-3 | Barium | 130 | | 12/27/2024 | 1723 |
| 7440-41-7 | Beryllium | 0.56 | J | 12/27/2024 | 1723 |
| 7440-43-9 | Cadmium | 0.40 | J | 12/27/2024 | 1723 |
| 7440-47-3 | Chromium | 21 | | 12/27/2024 | 1723 |
| 7440-48-4 | Cobalt | 14 | | 12/27/2024 | 1723 |
| 7440-50-8 | Copper | 34 | | 12/27/2024 | 1723 |
| 7439-92-1 | Lead | 26 | | 12/27/2024 | 1723 |
| 7439-96-5 | Manganese | 490 | | 12/27/2024 | 1723 |
| 7440-02-0 | Nickel | 22 | | 12/27/2024 | 1723 |
| 7782-49-2 | Selenium | 2.9 | U | 12/27/2024 | 1723 |
| 7439-98-7 | Molybdenum | 0.30 | J | 12/27/2024 | 1723 |
| 7440-22-4 | Silver | 0.063 | J | 12/27/2024 | 1723 |
| 7440-28-0 | Thallium | 0.086 | J | 12/27/2024 | 1723 |
| 7440-62-2 | Vanadium | 70 | | 12/27/2024 | 1723 |
| 7440-66-6 | Zinc | 190 | | 12/27/2024 | 1723 |

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

Comments:

EPA SAMPLE NO.

MJNBZ7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-04

% Solids: 66.4 Date Received: 12/14/2024

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 |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.062 | J | 12/27/2024 | 1726 |
| 7440-38-2 | Arsenic | 4.7 | | 12/27/2024 | 1726 |
| 7440-39-3 | Barium | 150 | | 12/27/2024 | 1726 |
| 7440-41-7 | Beryllium | 0.58 | | 12/27/2024 | 1726 |
| 7440-43-9 | Cadmium | 0.18 | J | 12/27/2024 | 1726 |
| 7440-47-3 | Chromium | 26 | | 12/27/2024 | 1726 |
| 7440-48-4 | Cobalt | 18 | | 12/27/2024 | 1726 |
| 7440-50-8 | Copper | 54 | | 12/27/2024 | 1726 |
| 7439-92-1 | Lead | 20 | | 12/27/2024 | 1726 |
| 7439-96-5 | Manganese | 880 | | 12/27/2024 | 1726 |
| 7440-02-0 | Nickel | 23 | | 12/27/2024 | 1726 |
| 7782-49-2 | Selenium | 2.8 | U | 12/27/2024 | 1726 |
| 7439-98-7 | Molybdenum | 0.26 | J | 12/27/2024 | 1726 |
| 7440-22-4 | Silver | 0.079 | J | 12/27/2024 | 1726 |
| 7440-28-0 | Thallium | 0.14 | J | 12/27/2024 | 1726 |
| 7440-62-2 | Vanadium | 87 | | 12/27/2024 | 1726 |
| 7440-66-6 | Zinc | 81 | | 12/27/2024 | 1726 |

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

Comments:

EPA SAMPLE NO.

MJNBZ8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-05

% Solids: 81.9 Date Received: 12/14/2024

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 |
|---|---|---|---|---|---|
| 7440-36-0 | Antimony | 0.074 | J | 12/27/2024 | 1729 |
| 7440-38-2 | Arsenic | 3.4 | | 12/27/2024 | 1729 |
| 7440-39-3 | Barium | 110 | | 12/27/2024 | 1729 |
| 7440-41-7 | Beryllium | 0.41 | J | 12/27/2024 | 1729 |
| 7440-43-9 | Cadmium | 0.31 | J | 12/27/2024 | 1729 |
| 7440-47-3 | Chromium | 16 | | 12/27/2024 | 1729 |
| 7440-48-4 | Cobalt | 13 | | 12/27/2024 | 1729 |
| 7440-50-8 | Copper | 25 | | 12/27/2024 | 1729 |
| 7439-92-1 | Lead | 20 | | 12/27/2024 | 1729 |
| 7439-96-5 | Manganese | 370 | | 12/27/2024 | 1729 |
| 7440-02-0 | Nickel | 19 | | 12/27/2024 | 1729 |
| 7782-49-2 | Selenium | 2.7 | U | 12/27/2024 | 1729 |
| 7439-98-7 | Molybdenum | 0.37 | J | 12/27/2024 | 1729 |
| 7440-22-4 | Silver | 0.053 | J | 12/27/2024 | 1729 |
| 7440-28-0 | Thallium | 0.10 | J | 12/27/2024 | 1729 |
| 7440-62-2 | Vanadium | 84 | | 12/27/2024 | 1729 |
| 7440-66-6 | Zinc | 130 | | 12/27/2024 | 1729 |

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

Comments:

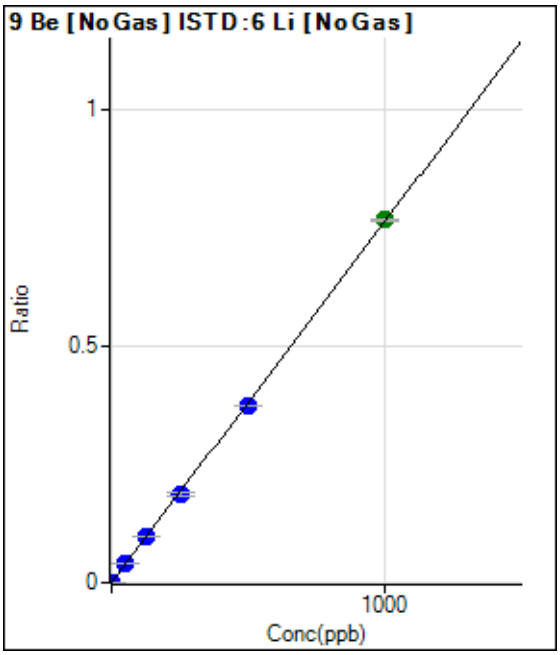
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7



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 |

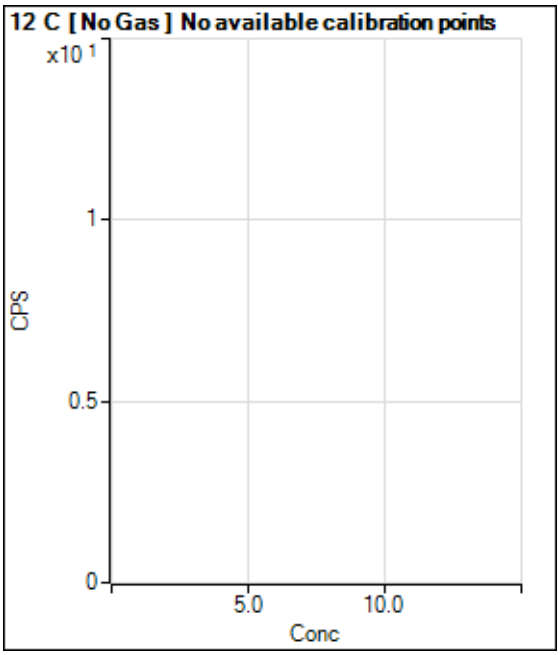
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 70.00 | 0.0000 | P | 9.7 |
| 2 | ☐ | 0.100 | 0.125 | 257.78 | 0.0001 | P | 10.2 |
| 3 | ☐ | 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 |

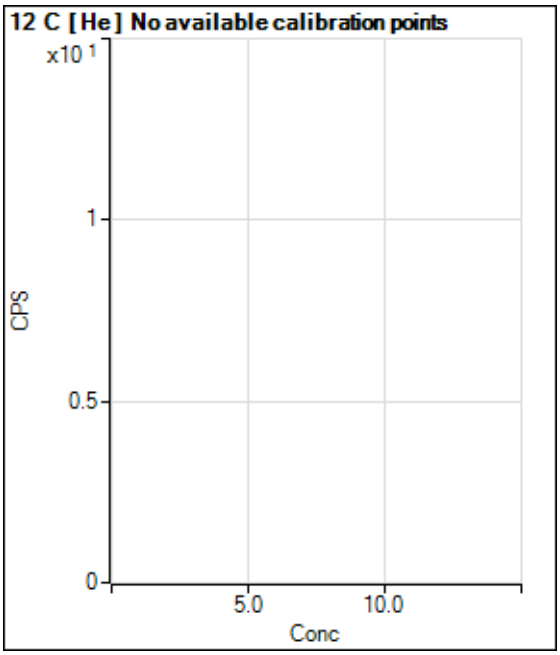
y = 7.6314E-004 * x + 3.5823E-005
R = 0.9999
DL = 0.01364
BEC = 0.04694

Weight: <None>
Min Conc: 0

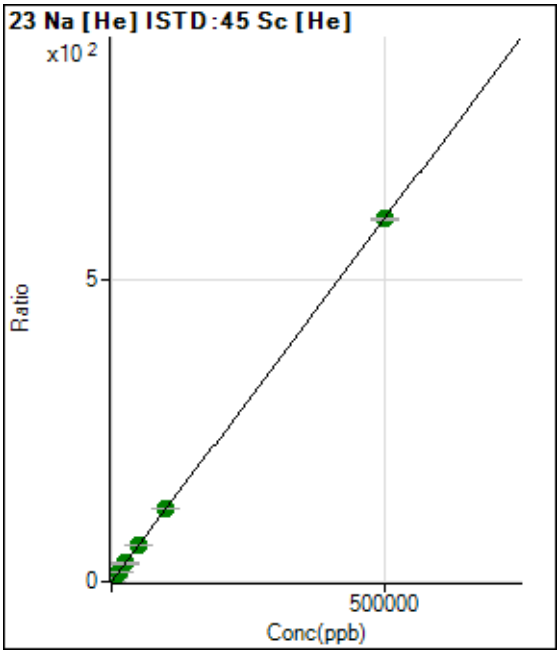



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

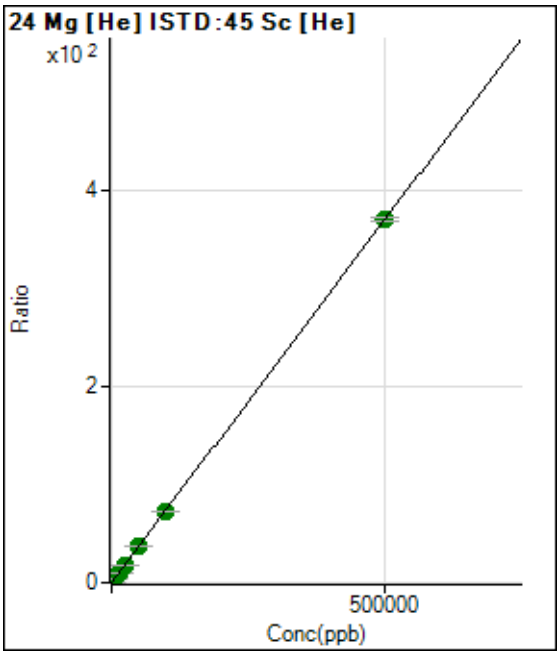



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19727.18 | 0.0306 | P | 1.0 |
| 2 | ☐ | 50.000 | 49.073 | 59310.36 | 0.0895 | P | 1.0 |
| 3 | ☐ | 500.000 | 494.691 | 413279.69 | 0.6249 | P | 1.4 |
| 4 | ☐ | 5000.000 | 5255.212 | 4004839.25 | 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

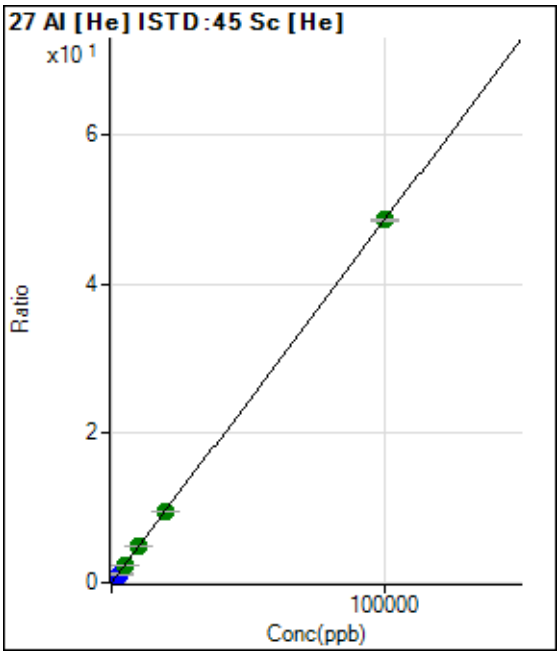
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 982.26 | 0.0015 | P | 8.0 |
| 2 | ☐ | 50.000 | 53.402 | 27107.25 | 0.0409 | P | 1.1 |
| 3 | ☐ | 500.000 | 533.822 | 261412.79 | 0.3953 | 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

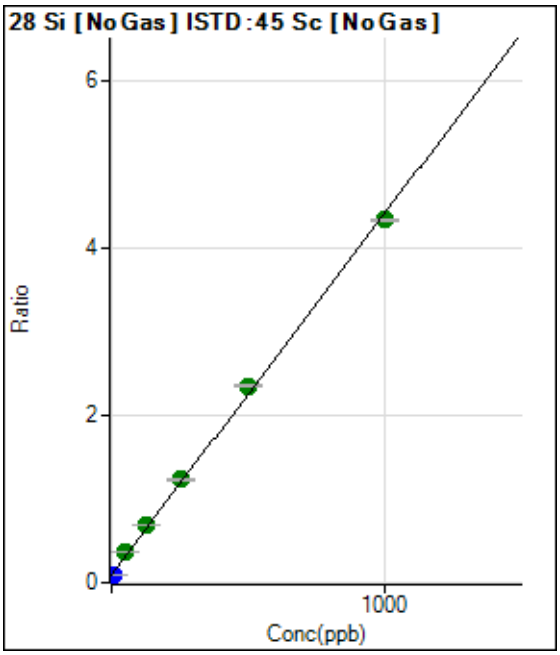



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 97.78 | 0.0002 | P | 8.5 |
| 2 | ☐ | 2.000 | 2.483 | 900.03 | 0.0014 | P | 3.0 |
| 3 | ☐ | 20.000 | 19.729 | 6441.40 | 0.0097 | P | 1.8 |
| 4 | ☐ | 1000.000 | 989.508 | 303664.81 | 0.4811 | 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

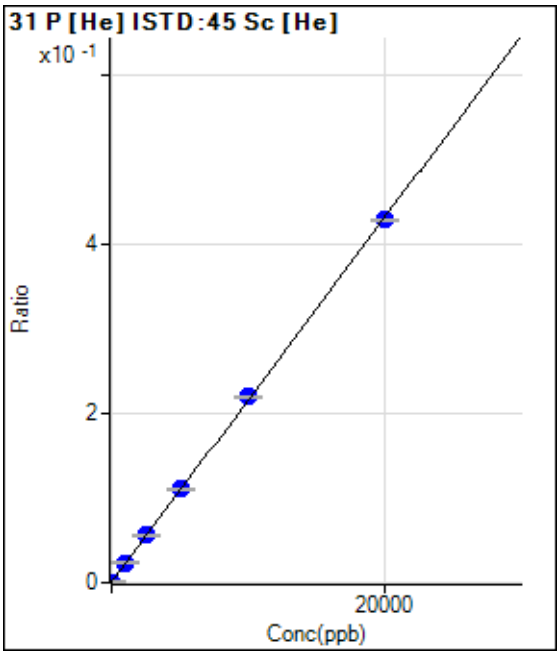
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 671428.24 | 0.0950 | P | 0.9 |
| 2 | ☐ | 1.000 | 0.703 | 701235.96 | 0.0981 | P | 4.5 |
| 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

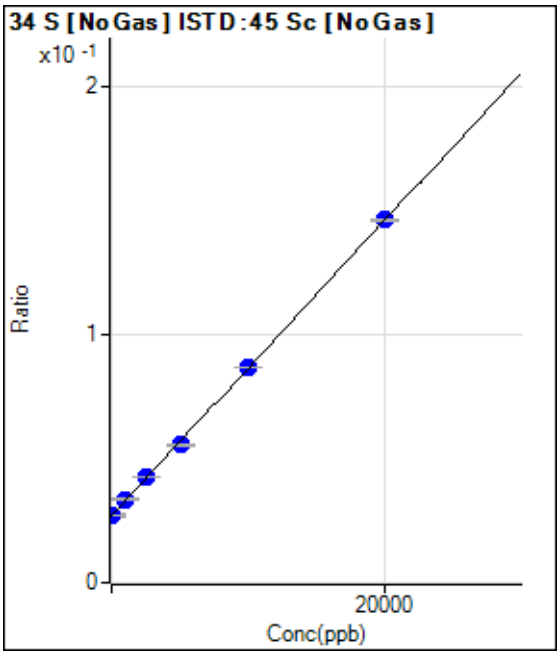



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -14.275 | 171.11 | 0.0003 | P | 13.1 |
| 2 | ☐ | 0.000 | -11.168 | 220.00 | 0.0003 | P | 6.6 |
| 3 | ☐ | 0.000 | 25.444 | 741.14 | 0.0011 | P | 8.3 |
| 4 | ☐ | 1000.000 | 1075.103 | 14986.32 | 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

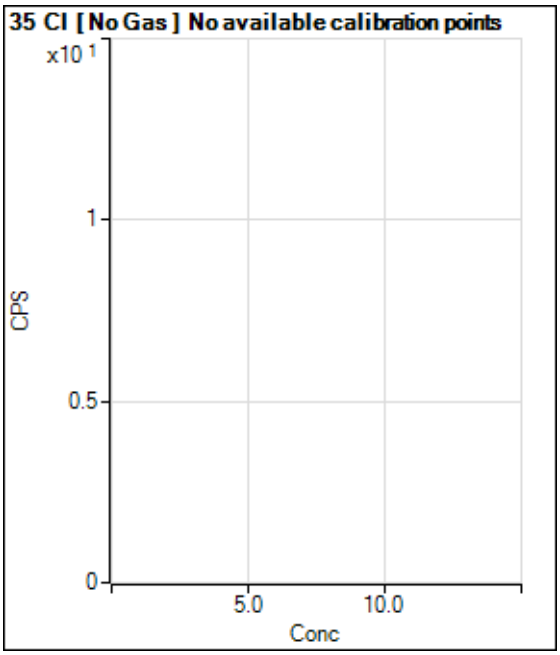
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -17.338 | 190300.33 | 0.0269 | P | 0.6 |
| 2 | ☐ | 0.000 | -0.606 | 193323.98 | 0.0270 | P | 4.1 |
| 3 | ☐ | 0.000 | 17.944 | 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 |

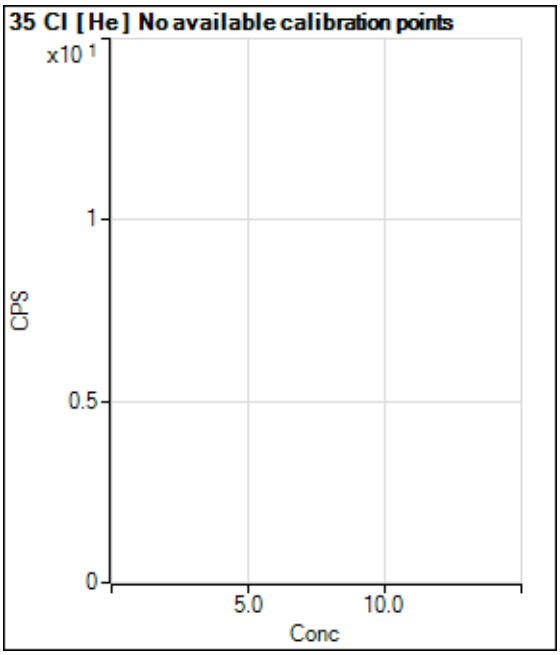
y = 5.9621E-006 * x + 0.0270
R = 0.9999
DL = 295.1
BEC = 4534

Weight: <None>
Min Conc: 0

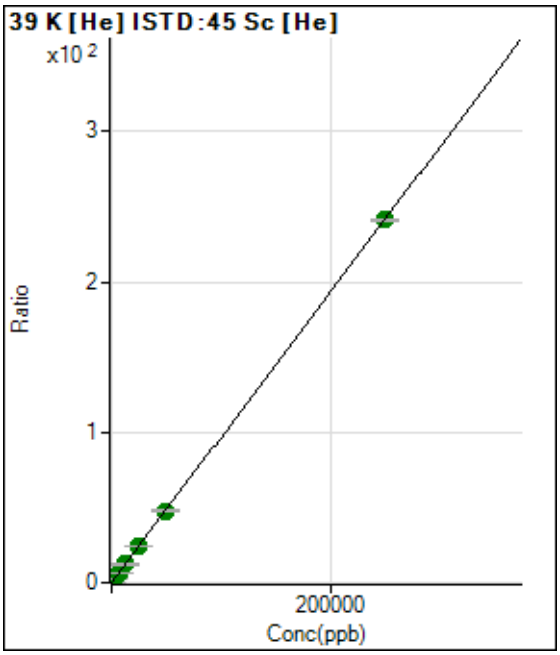



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

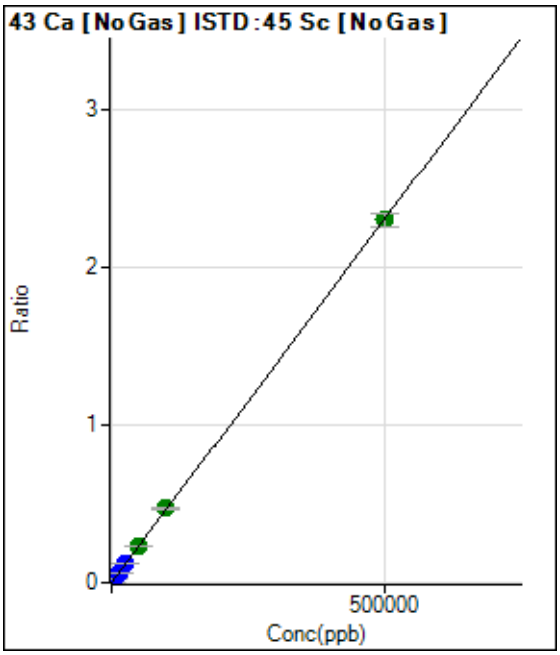



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 58032.30 | 0.0899 | P | 1.7 |
| 2 | ☐ | 50.000 | 54.164 | 94159.89 | 0.1421 | P | 0.6 |
| 3 | ☐ | 500.000 | 548.403 | 409097.28 | 0.6186 | P | 1.3 |
| 4 | ☐ | 2500.000 | 2645.931 | 1666855.34 | 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

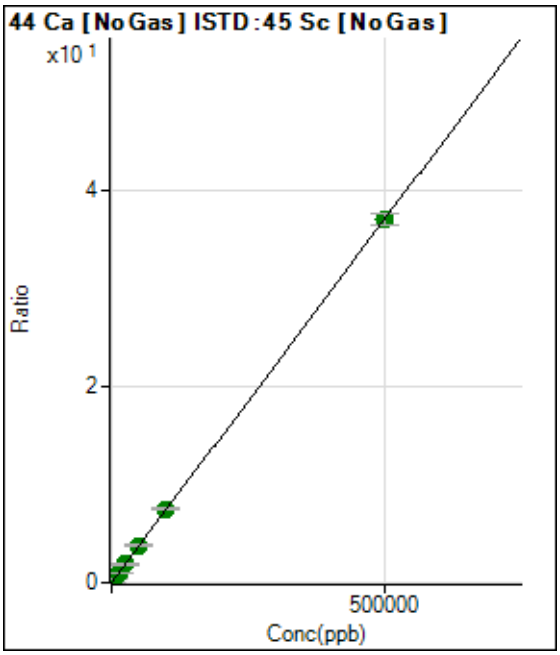
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 214.45 | 0.0000 | P | 12.5 |
| 2 | ☐ | 50.000 | 58.169 | 2130.17 | 0.0003 | P | 5.5 |
| 3 | ☐ | 500.000 | 544.360 | 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

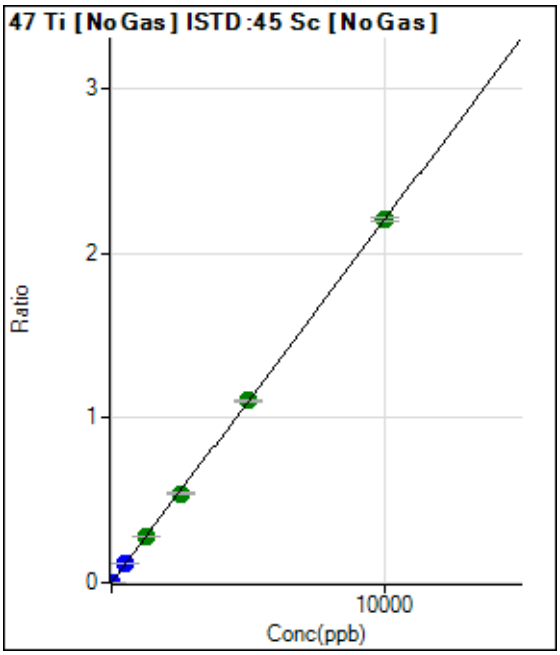



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 6617.06 | 0.0009 | P | 1.4 |
| 2 | ☐ | 50.000 | 58.593 | 37677.79 | 0.0053 | P | 4.6 |
| 3 | ☐ | 500.000 | 556.661 | 308207.99 | 0.0421 | P | 1.5 |
| 4 | ☐ | 5000.000 | 5316.397 | 2829020.90 | 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

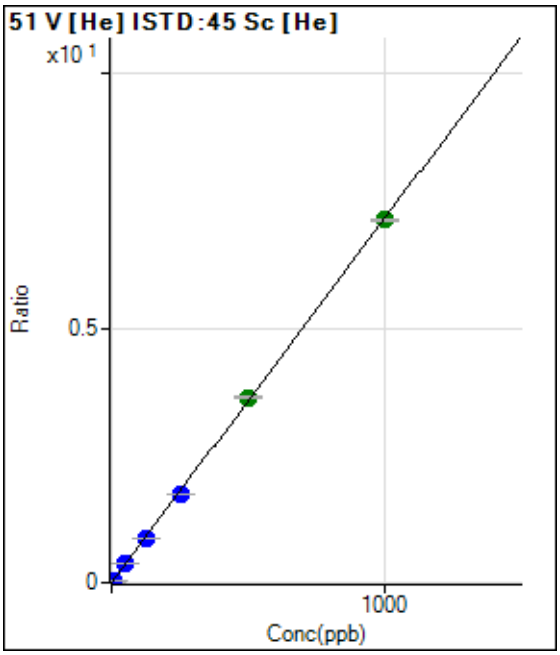
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 66.67 | 0.0000 | P | 5.9 |
| 2 | ☐ | 0.500 | 0.565 | 955.60 | 0.0001 | P | 7.2 |
| 3 | ☐ | 5.000 | 5.290 | 8593.61 | 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

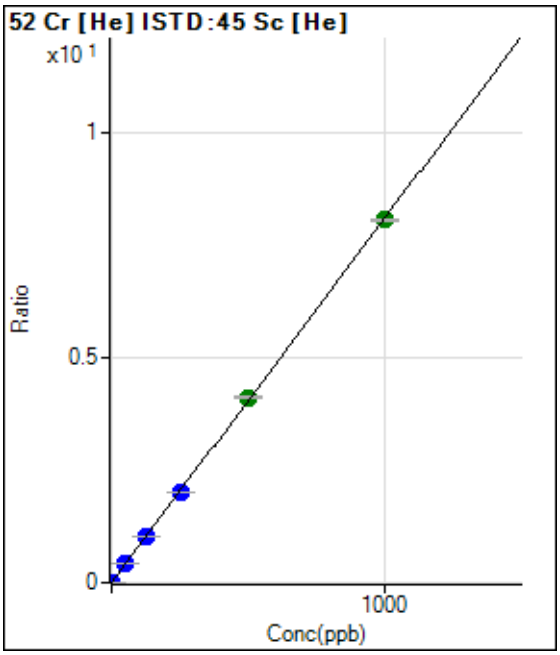



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 31.11 | 0.0000 | P | 21.9 |
| 2 | ☐ | 0.500 | 0.531 | 2546.90 | 0.0038 | P | 4.3 |
| 3 | ☐ | 5.000 | 5.438 | 25763.12 | 0.0390 | P | 0.6 |
| 4 | ☐ | 50.000 | 51.556 | 232869.24 | 0.3689 | 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

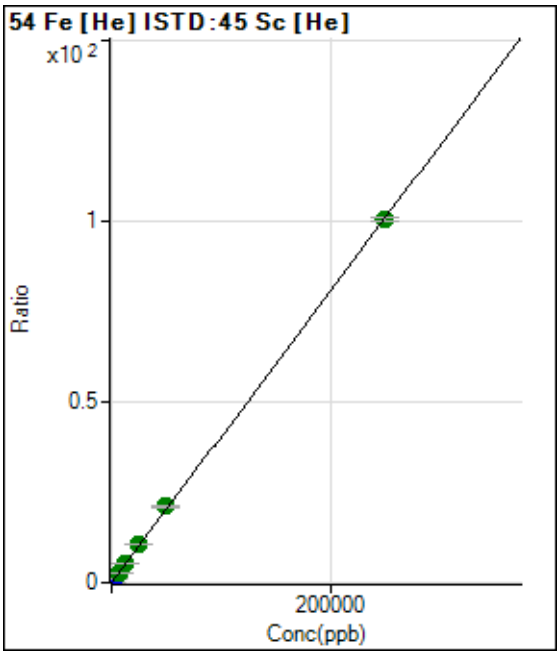
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2269.08 | 0.0035 | P | 3.6 |
| 2 | ☐ | 0.200 | 0.194 | 3370.41 | 0.0051 | P | 1.7 |
| 3 | ☐ | 2.000 | 2.130 | 13721.90 | 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

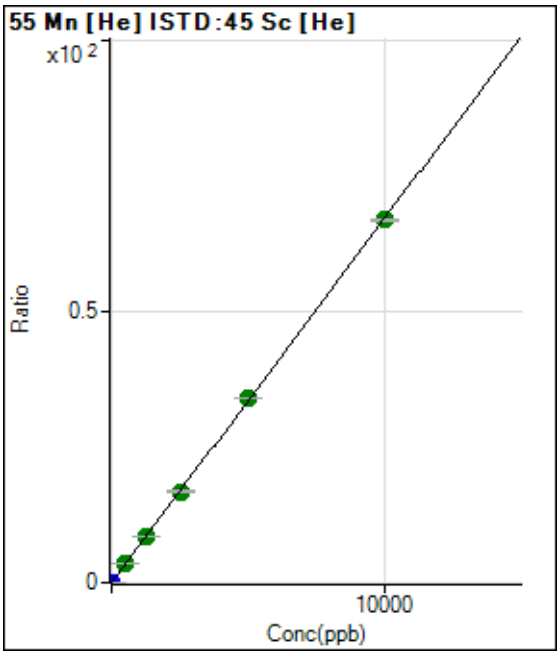



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2790.29 | 0.0043 | P | 2.6 |
| 2 | ☐ | 5.000 | 5.966 | 4457.37 | 0.0067 | P | 2.3 |
| 3 | ☐ | 50.000 | 58.591 | 18480.31 | 0.0279 | P | 1.2 |
| 4 | ☐ | 2500.000 | 2800.161 | 715313.99 | 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

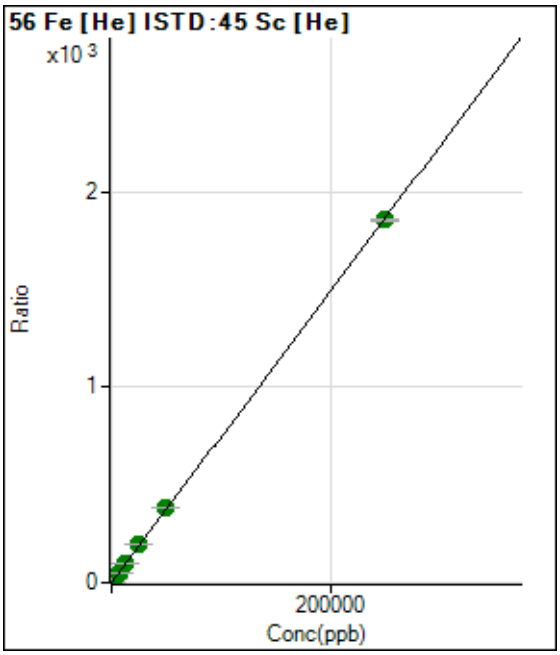
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 298.90 | 0.0005 | P | 4.2 |
| 2 | ☐ | 0.100 | 0.103 | 766.69 | 0.0012 | P | 6.9 |
| 3 | ☐ | 1.000 | 1.026 | 4860.84 | 0.0073 | P | 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

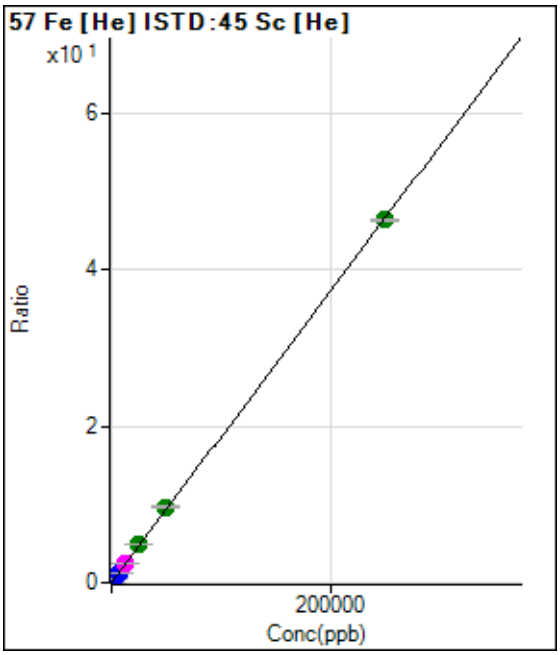



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 22232.51 | 0.0344 | P | 4.3 |
| 2 | ☐ | 5.000 | 5.397 | 49426.42 | 0.0746 | P | 1.0 |
| 3 | ☐ | 50.000 | 56.839 | 302444.68 | 0.4573 | P | 0.8 |
| 4 | ☐ | 2500.000 | 2738.558 | 12882686.06 | 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

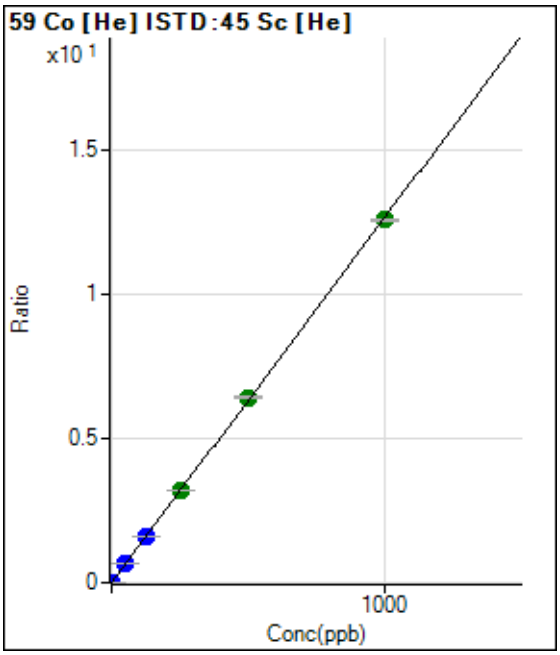
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1251.18 | 0.0019 | P | 9.0 |
| 2 | ☐ | 5.000 | 5.894 | 2011.27 | 0.0030 | P | 2.8 |
| 3 | ☐ | 50.000 | 59.629 | 8619.21 | 0.0130 | 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

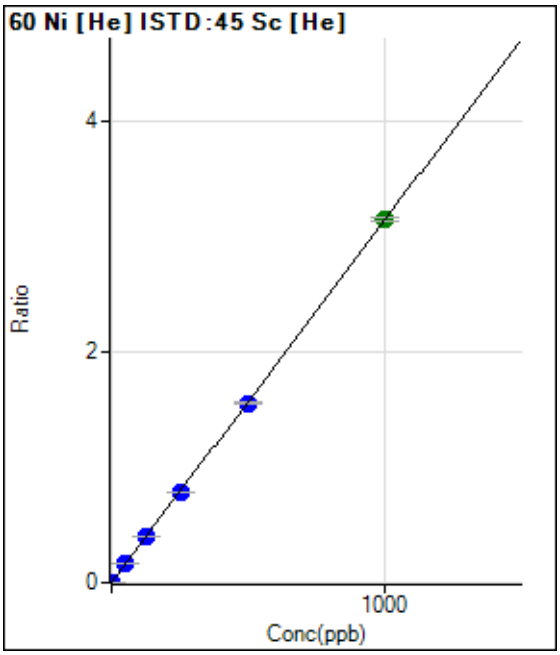



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 188.89 | 0.0003 | P | 5.9 |
| 2 | ☐ | 0.100 | 0.114 | 1148.94 | 0.0017 | P | 5.1 |
| 3 | ☐ | 1.000 | 1.109 | 9478.62 | 0.0143 | P | 1.6 |
| 4 | ☐ | 50.000 | 52.047 | 416179.81 | 0.6593 | 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

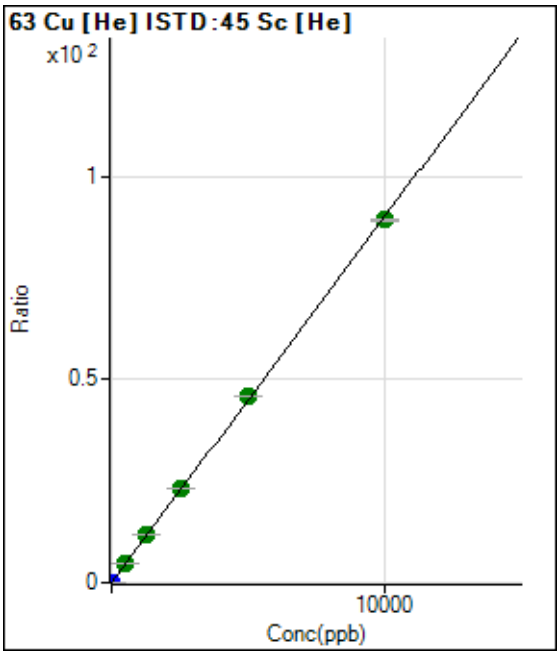
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 703.36 | 0.0011 | P | 3.5 |
| 2 | ☐ | 0.100 | 0.103 | 935.59 | 0.0014 | P | 7.0 |
| 3 | ☐ | 1.000 | 1.076 | 2958.09 | 0.0045 | P | 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

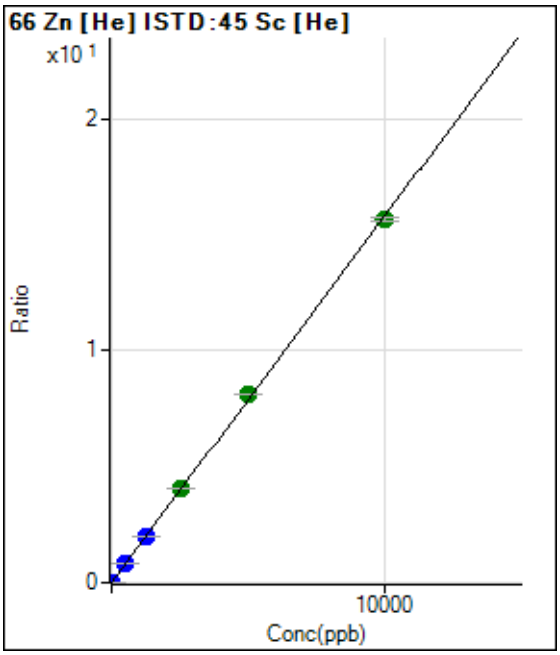



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1065.60 | 0.0017 | P | 4.9 |
| 2 | ☐ | 0.200 | 0.212 | 2357.99 | 0.0036 | P | 3.5 |
| 3 | ☐ | 2.000 | 2.057 | 13336.02 | 0.0202 | P | 2.1 |
| 4 | ☐ | 500.000 | 547.447 | 3112025.06 | 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

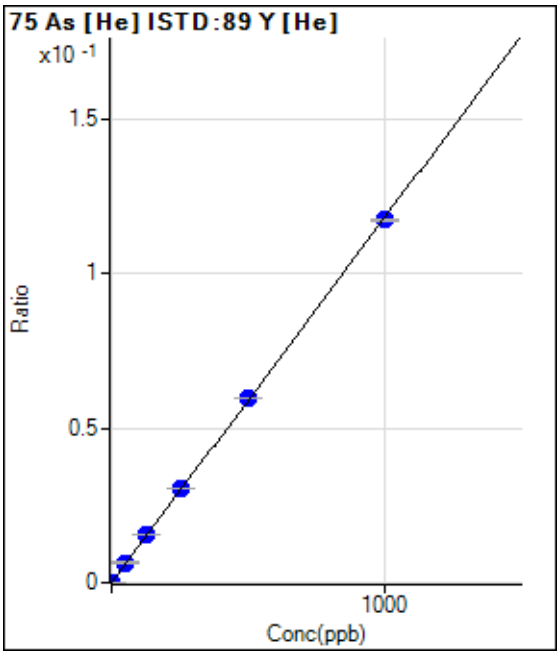
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 140.00 | 0.0002 | P | 13.2 |
| 2 | ☐ | 0.500 | 0.574 | 743.36 | 0.0011 | P | 7.8 |
| 3 | ☐ | 5.000 | 5.336 | 5710.04 | 0.0086 | P | 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

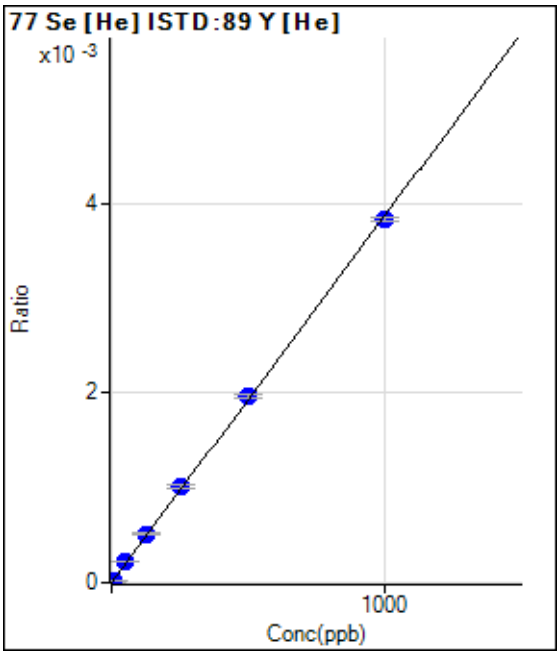



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 17.78 | 0.0000 | P | 38.2 |
| 2 | ☐ | 0.100 | 0.119 | 97.78 | 0.0000 | P | 17.7 |
| 3 | ☐ | 1.000 | 1.289 | 877.81 | 0.0002 | P | 9.8 |
| 4 | ☐ | 50.000 | 55.071 | 35509.08 | 0.0065 | 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

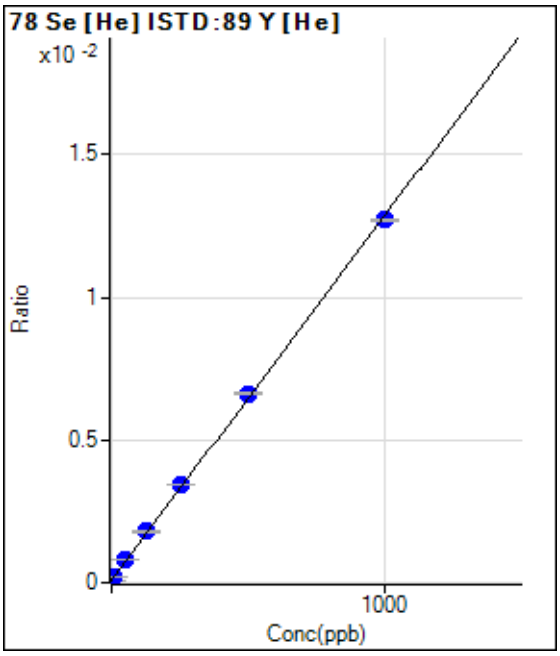
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | |
| 2 | ☐ | 0.500 | 0.556 | 12.22 | 0.0000 | P | 63.1 |
| 3 | ☐ | 5.000 | 5.374 | 117.78 | 0.0000 | P | 20.2 |
| 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

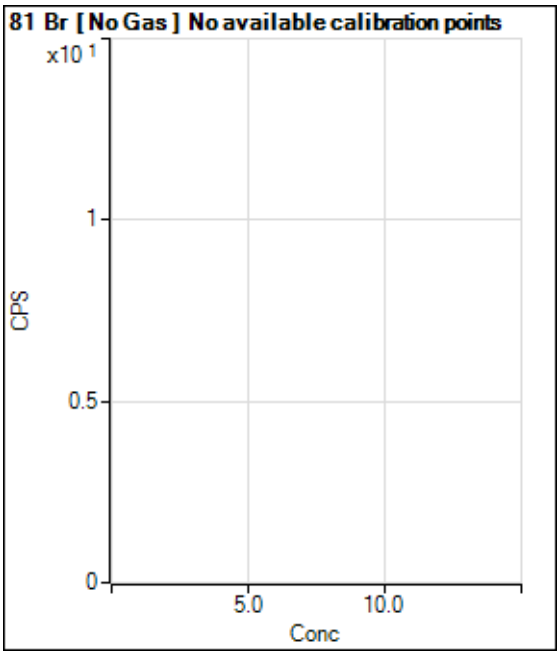



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 480.01 | 0.0001 | P | 6.0 |
| 2 | ☐ | 0.500 | 0.558 | 533.35 | 0.0001 | P | 9.2 |
| 3 | ☐ | 5.000 | 6.664 | 971.15 | 0.0002 | P | 3.4 |
| 4 | ☐ | 50.000 | 56.067 | 4386.25 | 0.0008 | 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 |

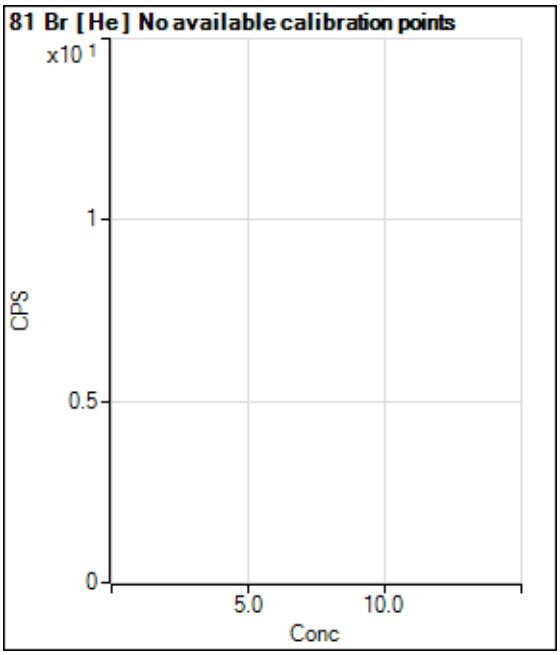
y = 1.2766E-005 * x + 8.6545E-005
R = 0.9998
DL = 1.227
BEC = 6.78

Weight: <None>
Min Conc: 0

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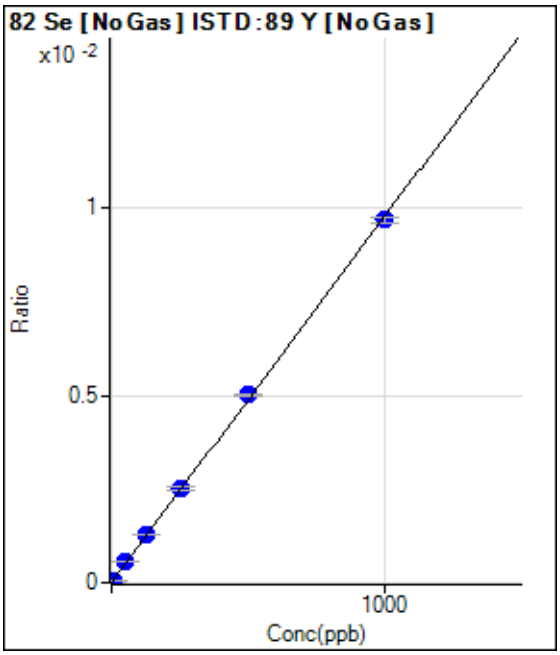



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 15062.23 | | P | 1.6 |
| 2 | ☐ | | | 15345.84 | | P | 1.6 |
| 3 | ☐ | | | 15670.65 | | P | 1.7 |
| 4 | ☐ | | | 15181.25 | | P | 0.5 |
| 5 | ☐ | | | 13928.90 | | P | 1.5 |
| 6 | ☐ | | | 12653.29 | | 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 |

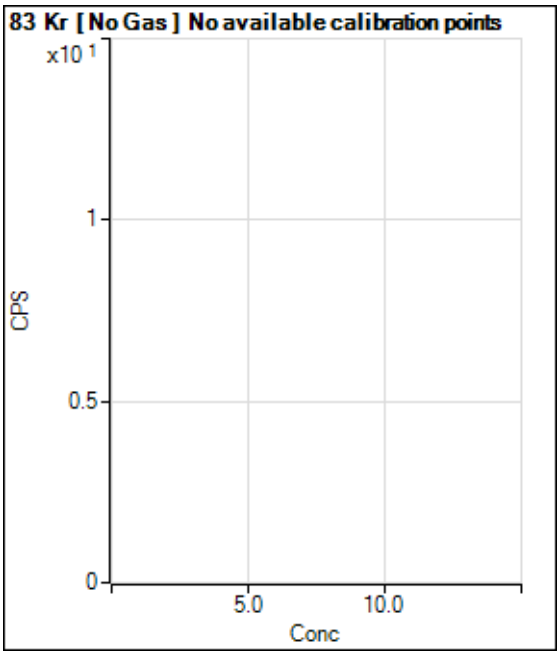
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 128.11 | 0.0000 | P | 34.4 |
| 2 | ☐ | 0.500 | 0.495 | 225.03 | 0.0000 | P | 16.6 |
| 3 | ☐ | 5.000 | 5.531 | 1206.07 | 0.0001 | 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 |

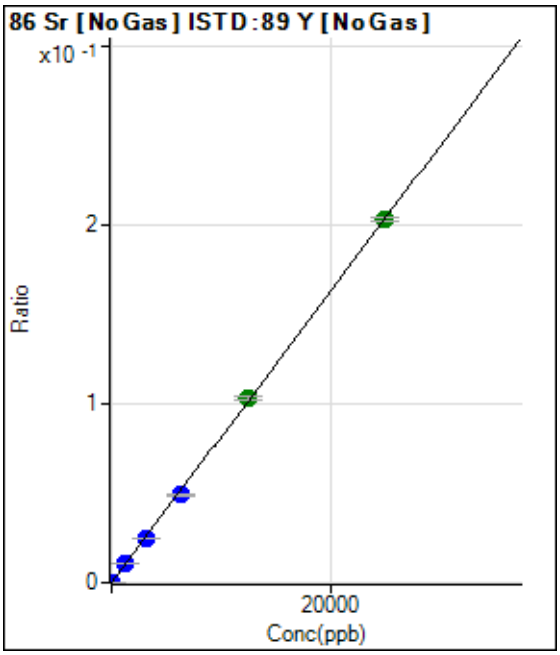
y = 9.7592E-006 * x + 6.6943E-006
R = 0.9999
DL = 0.707
BEC = 0.6859

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 |

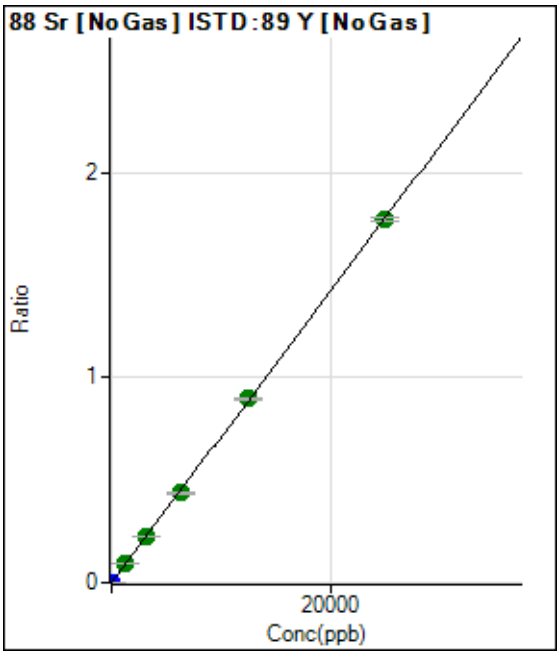
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 338.90 | 0.0000 | P | 4.0 |
| 2 | ☐ | 0.100 | 2.759 | 781.14 | 0.0000 | P | 7.2 |
| 3 | ☐ | 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

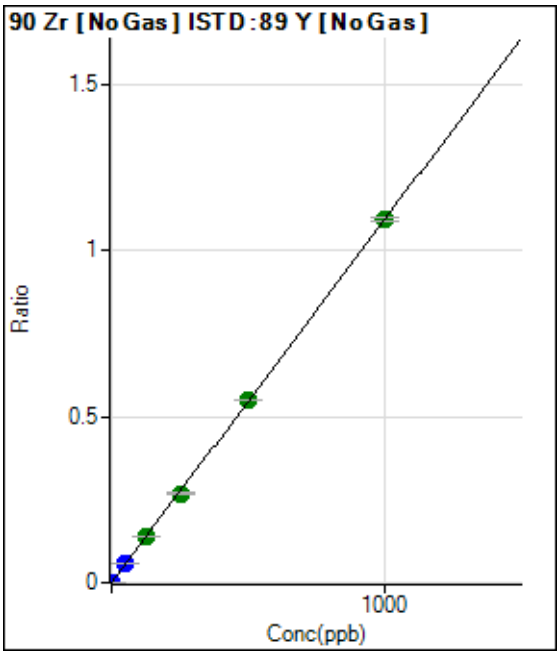



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 172.23 | 0.0000 | P | 6.0 |
| 2 | ☐ | 0.100 | 2.700 | 3909.44 | 0.0002 | P | 4.1 |
| 3 | ☐ | 1.000 | 26.423 | 37441.99 | 0.0019 | P | 0.8 |
| 4 | ☐ | 1250.000 | 1324.294 | 1837975.23 | 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

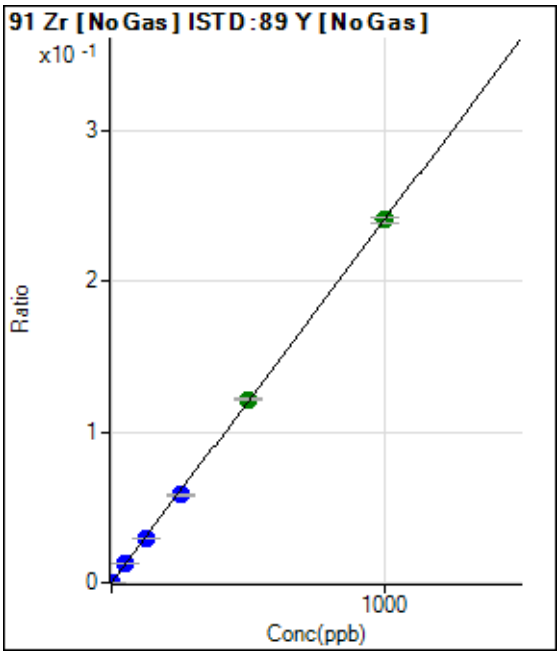
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 760.03 | 0.0000 | P | 2.5 |
| 2 | ☐ | 0.100 | 0.099 | 2881.42 | 0.0001 | P | 4.5 |
| 3 | ☐ | 1.000 | 1.006 | 22633.09 | 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

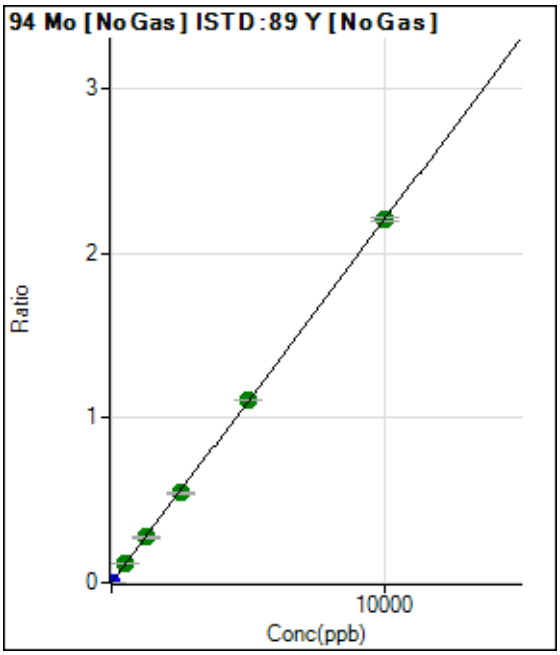



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 126.67 | 0.0000 | P | 24.9 |
| 2 | ☐ | 0.100 | 0.096 | 581.13 | 0.0000 | P | 2.0 |
| 3 | ☐ | 1.000 | 1.022 | 5018.68 | 0.0003 | P | 5.4 |
| 4 | ☐ | 50.000 | 51.268 | 241492.26 | 0.0123 | 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

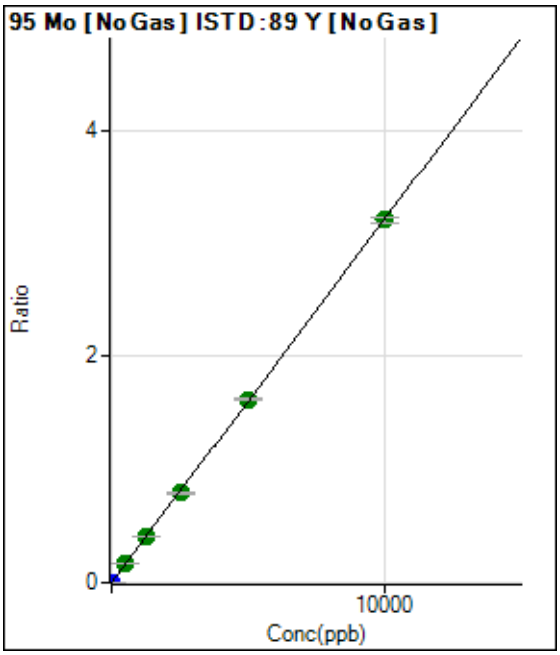
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 390.01 | 0.0000 | P | 15.3 |
| 2 | ☐ | 0.500 | 0.609 | 3015.89 | 0.0002 | P | 6.1 |
| 3 | ☐ | 5.000 | 6.149 | 27363.36 | 0.0014 | 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

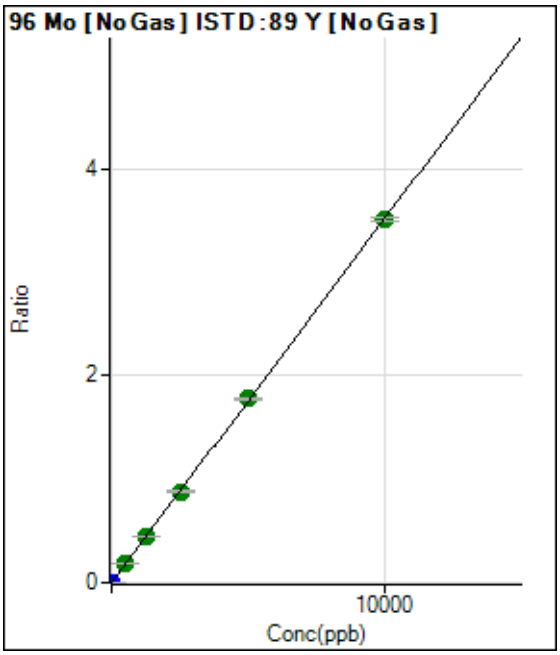



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 318.90 | 0.0000 | P | 1.3 |
| 2 | ☐ | 0.500 | 0.525 | 3606.03 | 0.0002 | P | 4.5 |
| 3 | ☐ | 5.000 | 5.226 | 33675.34 | 0.0017 | P | 0.7 |
| 4 | ☐ | 500.000 | 524.469 | 3293095.16 | 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

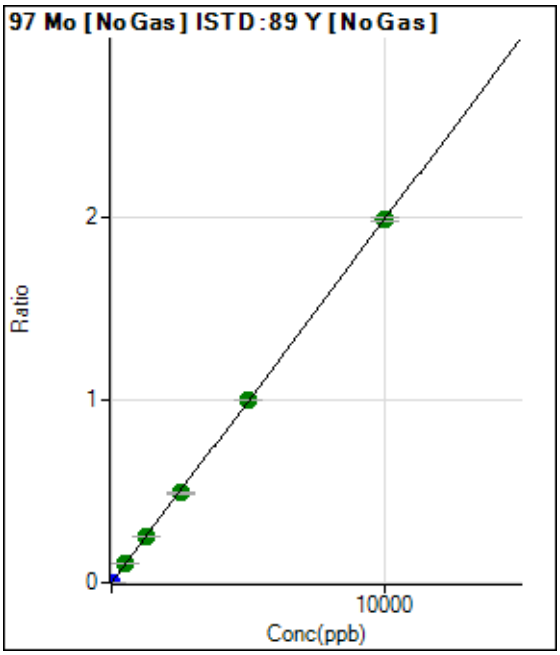
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 337.79 | 0.0000 | P | 6.3 |
| 2 | ☐ | 0.500 | 0.543 | 4060.61 | 0.0002 | P | 3.0 |
| 3 | ☐ | 5.000 | 5.298 | 37348.67 | 0.0019 | 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

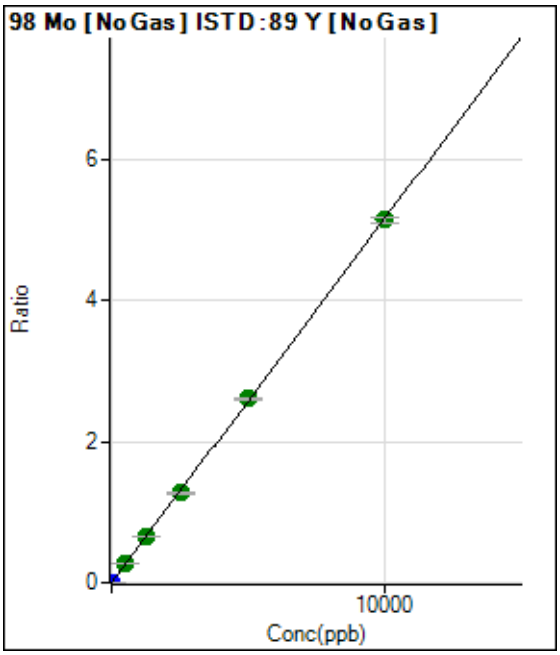



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 170.00 | 0.0000 | P | 9.4 |
| 2 | ☐ | 0.500 | 0.537 | 2255.76 | 0.0001 | P | 8.4 |
| 3 | ☐ | 5.000 | 5.284 | 21093.05 | 0.0011 | P | 0.5 |
| 4 | ☐ | 500.000 | 529.357 | 2061978.77 | 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

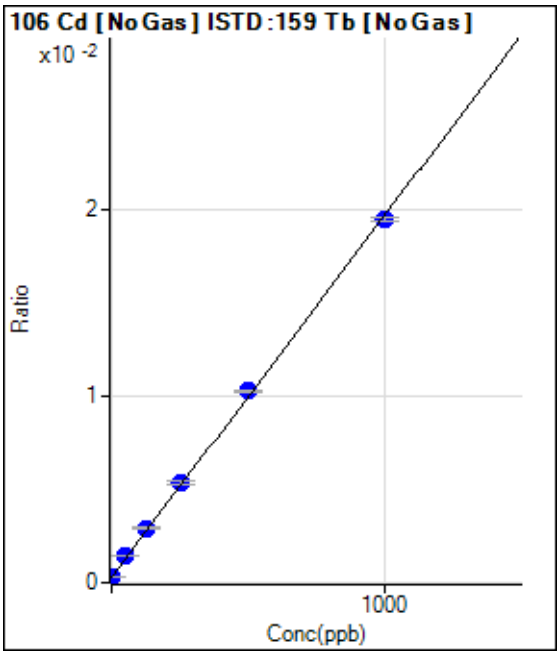
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 437.79 | 0.0000 | P | 7.2 |
| 2 | ☐ | 0.500 | 0.514 | 5601.12 | 0.0003 | P | 7.2 |
| 3 | ☐ | 5.000 | 5.182 | 53485.15 | 0.0027 | 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

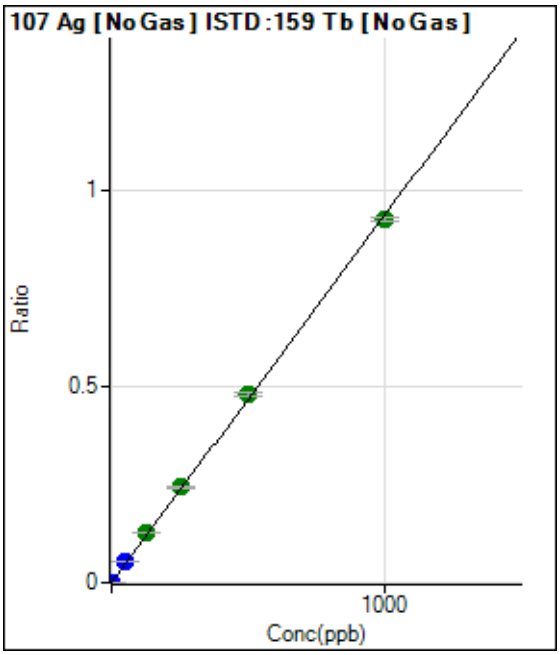



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4468.51 | 0.0003 | P | 4.6 |
| 2 | ☐ | 0.100 | 0.543 | 4685.24 | 0.0003 | P | 3.4 |
| 3 | ☐ | 1.000 | 1.796 | 5118.73 | 0.0003 | P | 0.9 |
| 4 | ☐ | 50.000 | 59.153 | 22834.71 | 0.0014 | 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

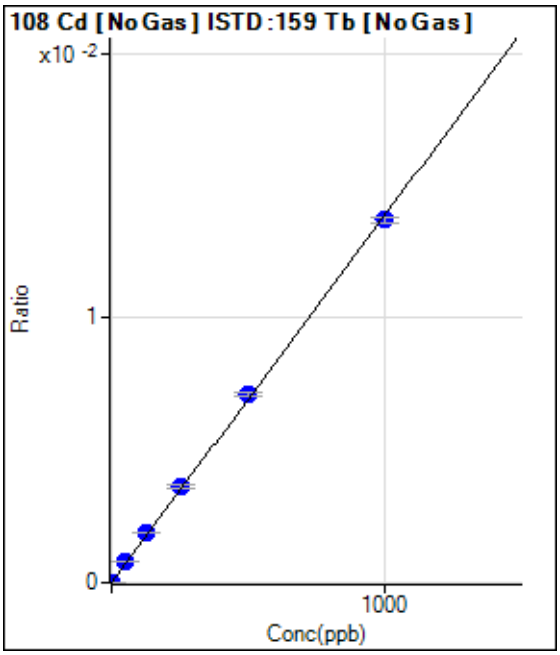
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 106.67 | 0.0000 | P | 16.3 |
| 2 | ☐ | 0.100 | 0.105 | 1659.00 | 0.0001 | P | 5.2 |
| 3 | ☐ | 1.000 | 1.123 | 16857.64 | 0.0011 | 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

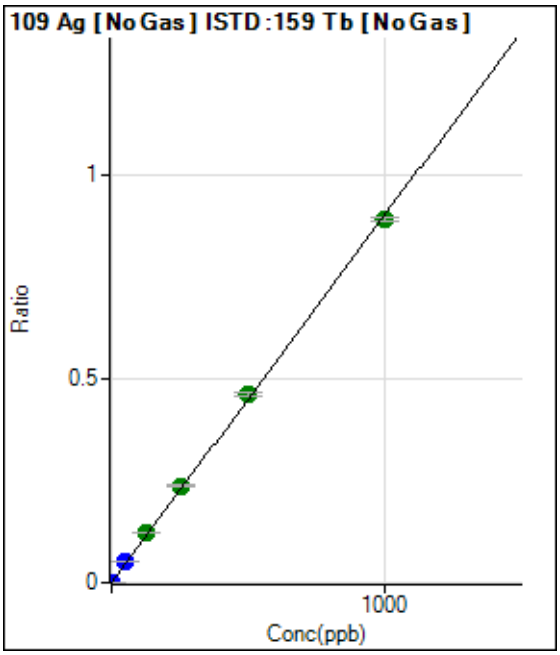



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0000 | P | 63.2 |
| 2 | ☐ | 0.100 | 0.135 | 42.22 | 0.0000 | P | 36.8 |
| 3 | ☐ | 1.000 | 1.224 | 282.23 | 0.0000 | P | 6.6 |
| 4 | ☐ | 50.000 | 57.519 | 12729.00 | 0.0008 | 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

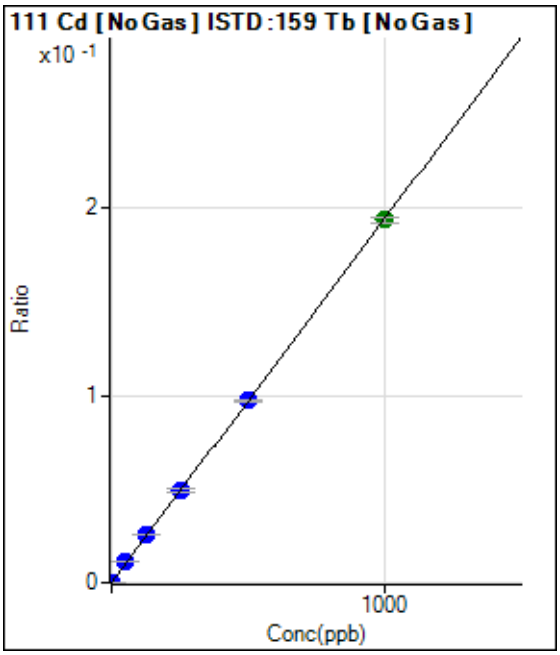
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 53.33 | 0.0000 | P | 12.4 |
| 2 | ☐ | 0.100 | 0.109 | 1595.66 | 0.0001 | P | 6.5 |
| 3 | ☐ | 1.000 | 1.120 | 16076.79 | 0.0010 | 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

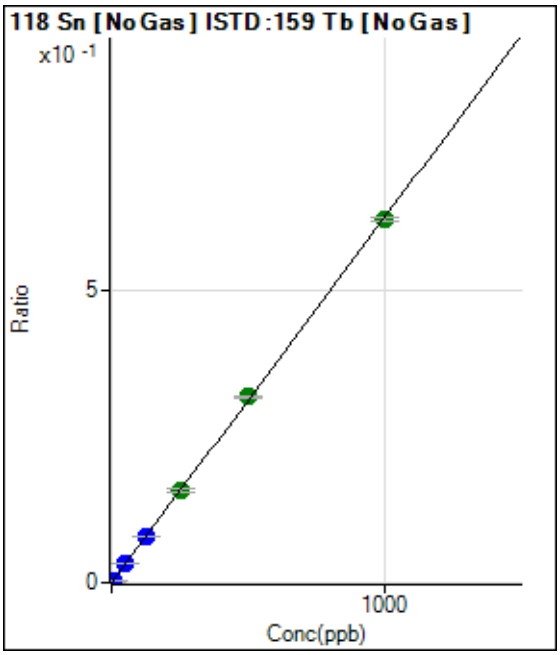



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 908.54 | 0.0001 | P | 4.3 |
| 2 | ☑ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.207 | 4656.84 | 0.0003 | P | 3.7 |
| 4 | ☐ | 50.000 | 55.666 | 173452.76 | 0.0109 | P | 1.3 |
| 5 | ☐ | 125.000 | 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

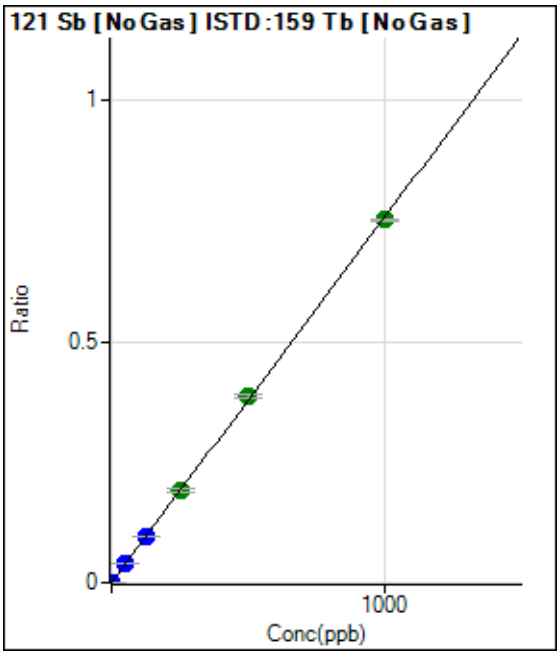
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1097.83 | 0.0001 | P | 8.2 |
| 2 | ☐ | 0.500 | 0.587 | 6862.80 | 0.0004 | P | 3.6 |
| 3 | ☐ | 5.000 | 5.630 | 56876.25 | 0.0036 | 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

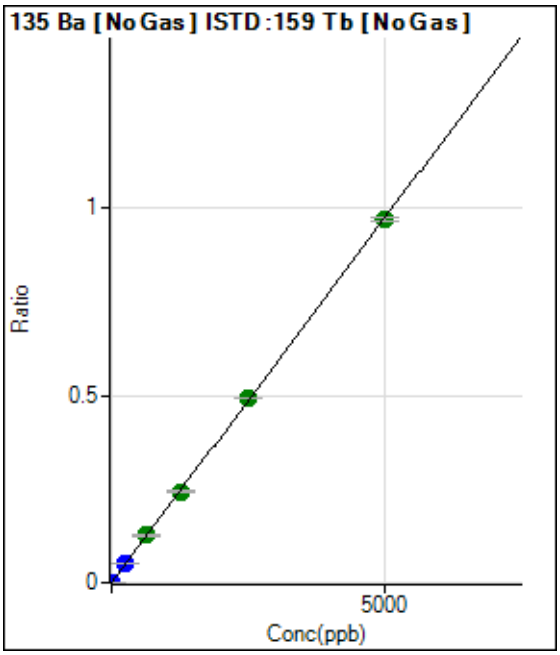



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 58.89 | 0.0000 | P | 32.7 |
| 2 | ☐ | 0.200 | 0.230 | 2793.63 | 0.0002 | P | 4.9 |
| 3 | ☐ | 2.000 | 2.196 | 26491.13 | 0.0017 | P | 2.7 |
| 4 | ☐ | 50.000 | 53.243 | 643034.95 | 0.0403 | 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

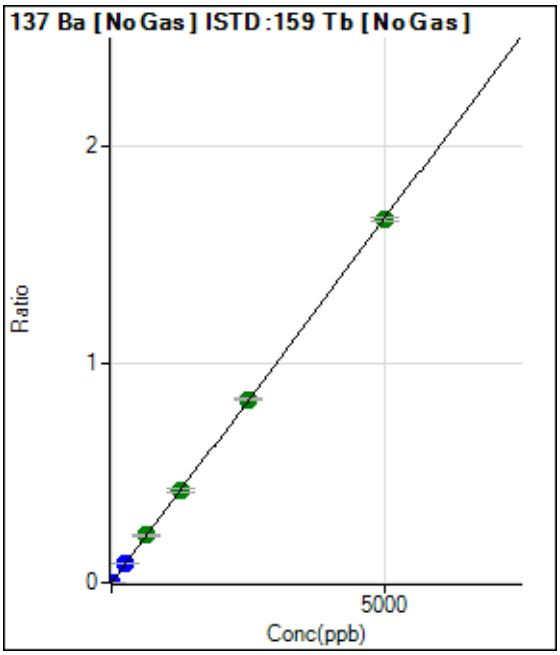
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 61.11 | 0.0000 | P | 14.2 |
| 2 | ☐ | 1.000 | 1.084 | 3374.88 | 0.0002 | P | 3.5 |
| 3 | ☐ | 10.000 | 10.794 | 33414.73 | 0.0021 | 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

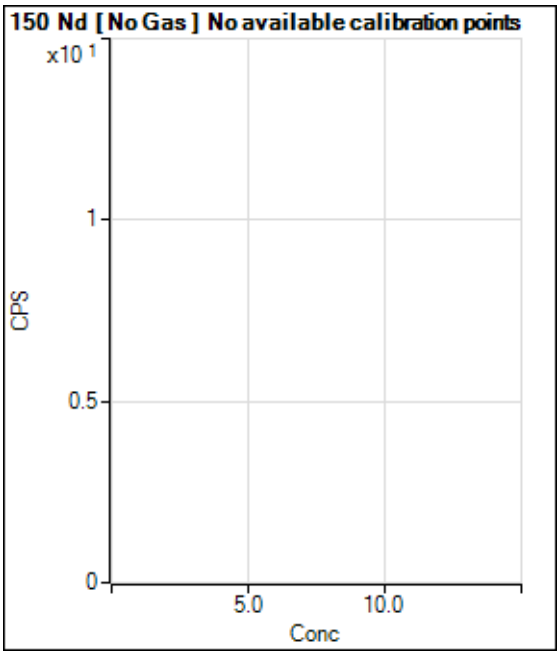



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 84.44 | 0.0000 | P | 28.9 |
| 2 | ☐ | 1.000 | 1.085 | 5779.00 | 0.0004 | P | 3.2 |
| 3 | ☐ | 10.000 | 10.813 | 57454.18 | 0.0036 | P | 1.2 |
| 4 | ☐ | 250.000 | 264.606 | 1408703.85 | 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 |

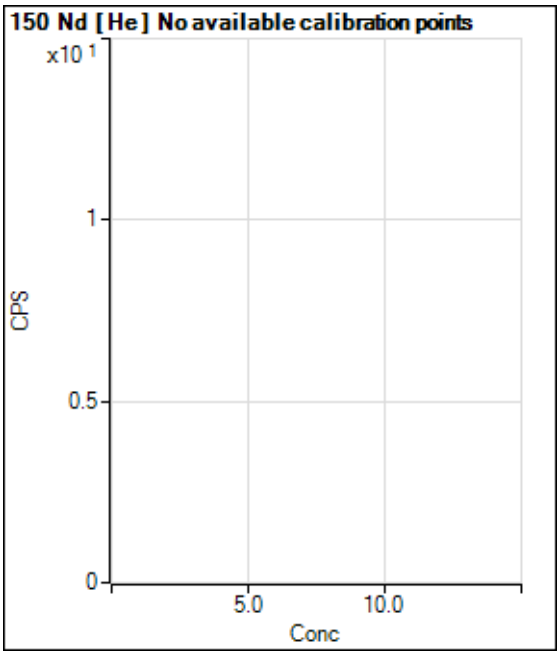
y = 3.3368E-004 * x + 5.4260E-006
R = 1.0000
DL = 0.0141
BEC = 0.01626

Weight: <None>
Min Conc: 0

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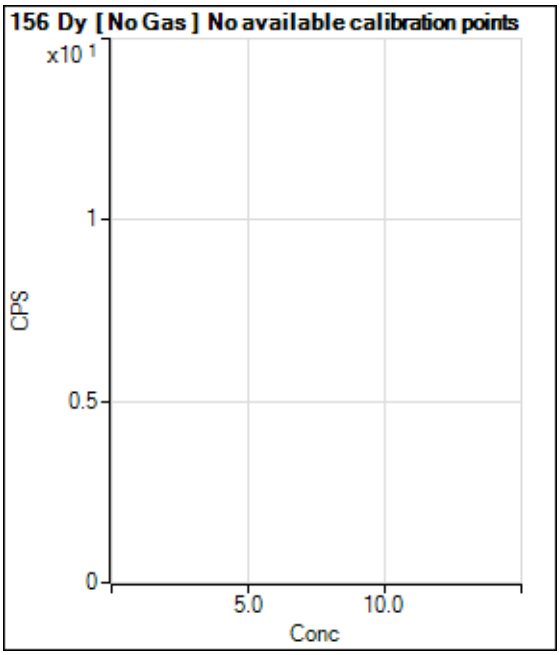



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 6.67 | | P | 0.0 |
| 2 | ☐ | | | 10.00 | | P | 33.3 |
| 3 | ☐ | | | 5.56 | | P | 34.7 |
| 4 | ☐ | | | 54.44 | | P | 31.4 |
| 5 | ☐ | | | 98.89 | | P | 10.3 |
| 6 | ☐ | | | 206.67 | | P | 14.8 |
| 7 | ☐ | | | 392.23 | | P | 1.3 |
| 8 | ☐ | | | 751.14 | | P | 3.8 |
| 9 | ☐ | | | 260.00 | | P | 20.1 |

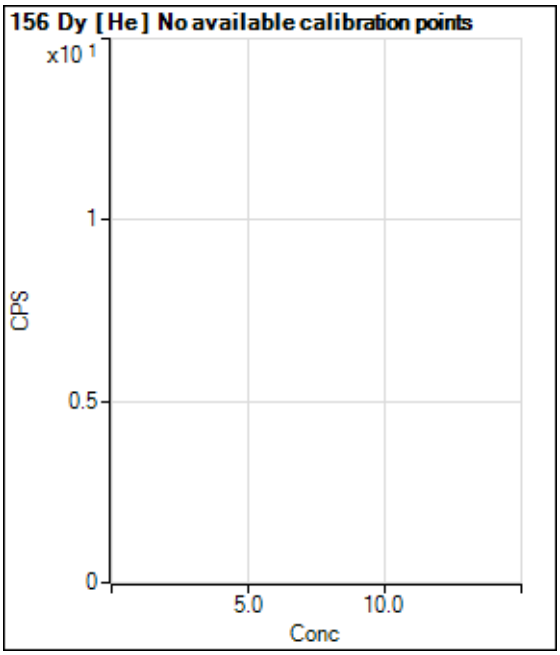



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2.22 | | P | 86.6 |
| 2 | ☐ | | | 3.33 | | P | 0.0 |
| 3 | ☐ | | | 3.33 | | P | 100. |
| 4 | ☐ | | | 15.55 | | P | 44.6 |
| 5 | ☐ | | | 27.78 | | P | 25.0 |
| 6 | ☐ | | | 62.22 | | P | 30.5 |
| 7 | ☐ | | | 103.33 | | P | 11.6 |
| 8 | ☐ | | | 202.22 | | P | 6.7 |
| 9 | ☐ | | | 131.11 | | P | 16.5 |

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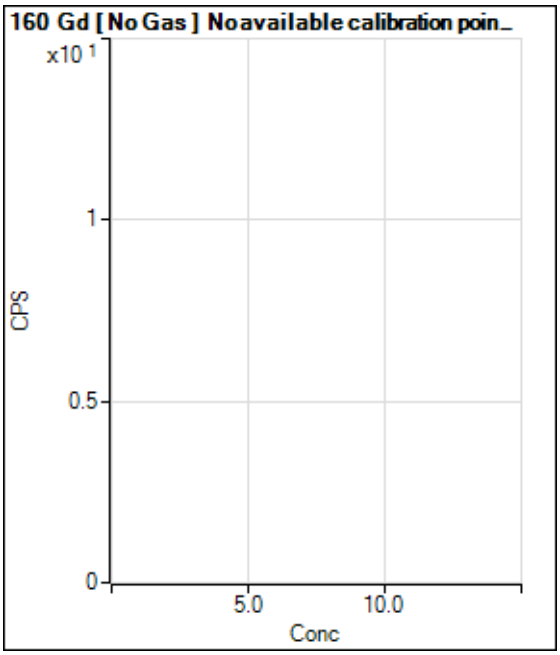



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 12.22 | | P | 56.8 |
| 2 | ☐ | | | 10.00 | | P | 66.7 |
| 3 | ☐ | | | 15.56 | | P | 49.5 |
| 4 | ☐ | | | 30.00 | | P | 80.1 |
| 5 | ☐ | | | 52.22 | | P | 43.4 |
| 6 | ☐ | | | 70.00 | | P | 29.7 |
| 7 | ☐ | | | 133.33 | | P | 8.7 |
| 8 | ☐ | | | 240.01 | | P | 7.2 |
| 9 | ☐ | | | 395.57 | | P | 9.3 |

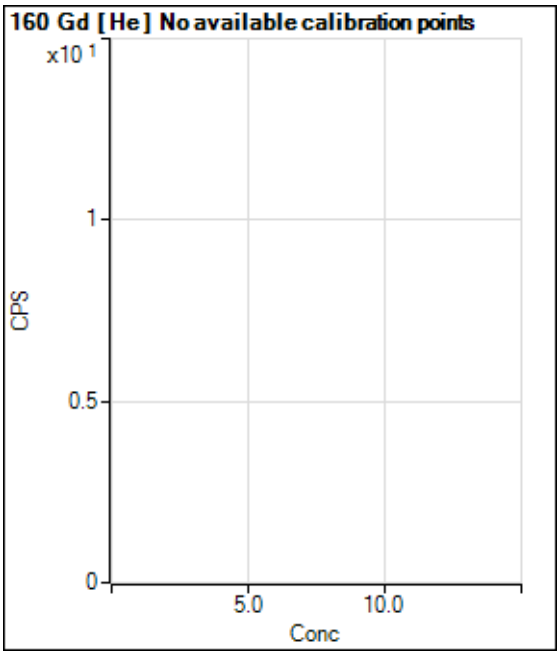



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 8.89 | | P | 57.3 |
| 2 | ☐ | | | 6.67 | | P | 100. |
| 3 | ☐ | | | 5.56 | | P | 91.6 |
| 4 | ☐ | | | 47.78 | | P | 34.4 |
| 5 | ☐ | | | 116.67 | | P | 14.8 |
| 6 | ☐ | | | 208.89 | | P | 13.0 |
| 7 | ☐ | | | 408.90 | | P | 11.6 |
| 8 | ☐ | | | 797.81 | | P | 9.3 |
| 9 | ☐ | | | 406.68 | | P | 9.8 |

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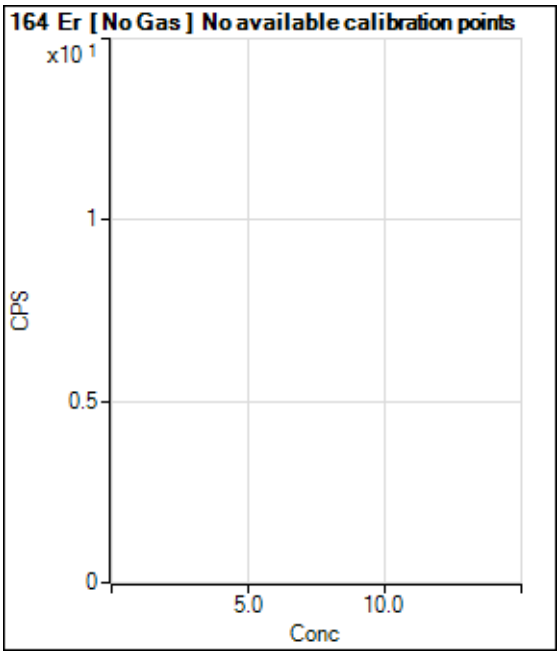



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 60.00 | | P | 43.4 |
| 2 | ☐ | | | 51.11 | | P | 32.2 |
| 3 | ☐ | | | 58.89 | | P | 34.6 |
| 4 | ☐ | | | 58.89 | | P | 13.1 |
| 5 | ☐ | | | 75.56 | | P | 29.4 |
| 6 | ☐ | | | 82.22 | | P | 18.7 |
| 7 | ☐ | | | 130.00 | | P | 2.6 |
| 8 | ☐ | | | 192.22 | | P | 5.6 |
| 9 | ☐ | | | 470.01 | | P | 12.5 |

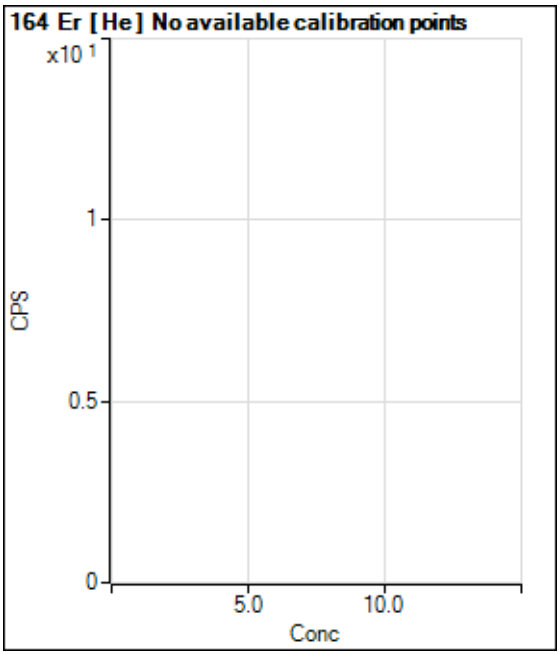



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 686.69 | | P | 3.7 |
| 2 | ☐ | | | 704.47 | | P | 5.0 |
| 3 | ☐ | | | 724.47 | | P | 7.9 |
| 4 | ☐ | | | 727.80 | | P | 9.4 |
| 5 | ☐ | | | 665.58 | | P | 11.0 |
| 6 | ☐ | | | 684.47 | | P | 6.2 |
| 7 | ☐ | | | 705.58 | | P | 12.2 |
| 8 | ☐ | | | 756.70 | | P | 7.5 |
| 9 | ☐ | | | 900.04 | | P | 6.1 |

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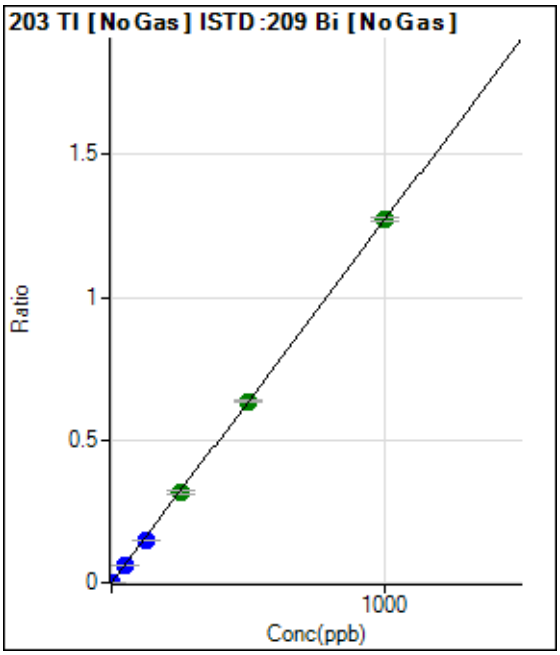



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 70.00 | | P | 24.7 |
| 2 | ☐ | | | 75.56 | | P | 6.7 |
| 3 | ☐ | | | 62.22 | | P | 29.5 |
| 4 | ☐ | | | 67.78 | | P | 10.2 |
| 5 | ☐ | | | 97.78 | | P | 24.2 |
| 6 | ☐ | | | 105.56 | | P | 23.7 |
| 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 |

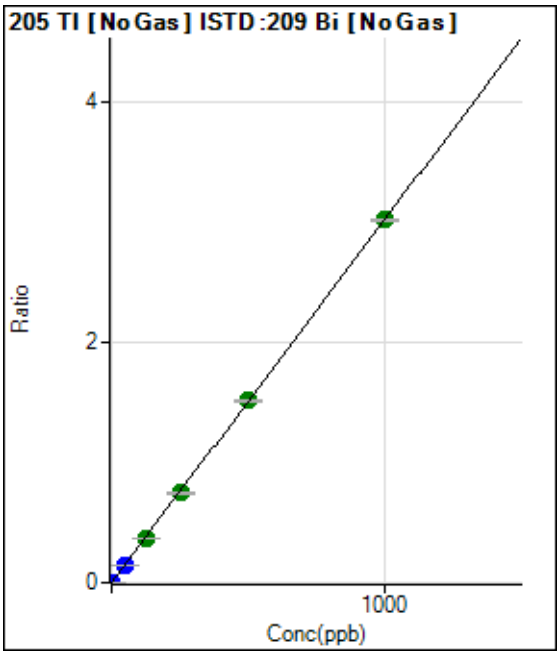
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 395.57 | 0.0000 | P | 9.2 |
| 2 | ☐ | 0.100 | 0.095 | 1524.55 | 0.0002 | P | 6.0 |
| 3 | ☐ | 1.000 | 1.020 | 12433.56 | 0.0013 | 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

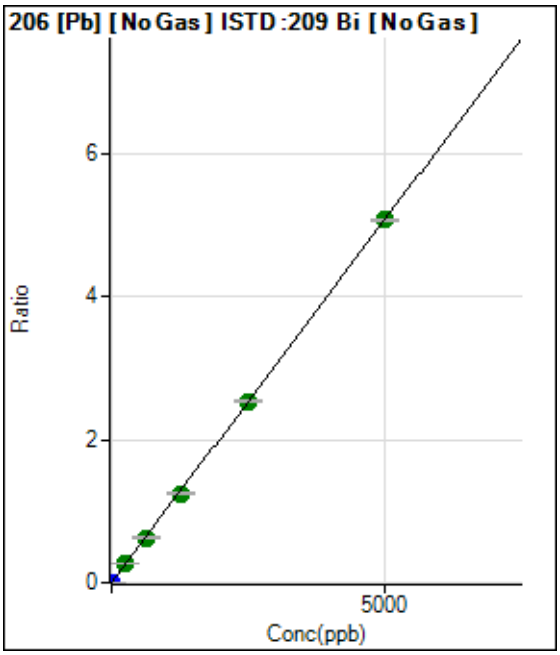



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 864.48 | 0.0001 | P | 9.1 |
| 2 | ☐ | 0.100 | 0.095 | 3551.61 | 0.0004 | P | 4.1 |
| 3 | ☐ | 1.000 | 1.008 | 29083.37 | 0.0031 | P | 2.8 |
| 4 | ☐ | 50.000 | 49.564 | 1395092.85 | 0.1495 | 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

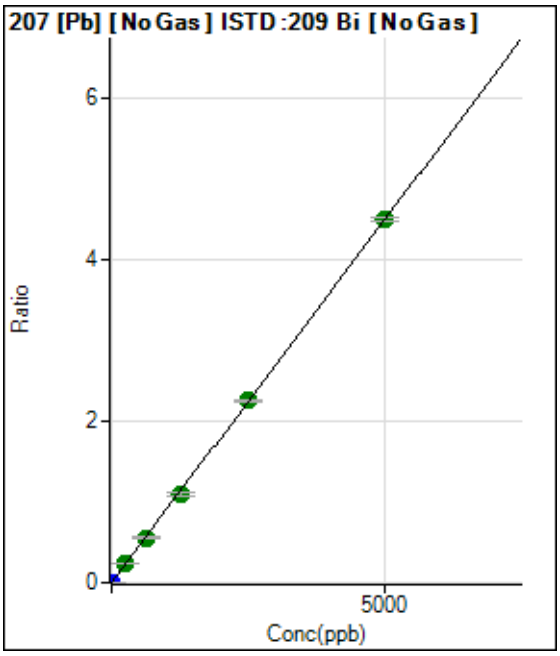
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 411.12 | 0.0000 | P | 9.7 |
| 2 | ☐ | 0.100 | 0.100 | 1360.09 | 0.0001 | P | 4.1 |
| 3 | ☐ | 1.000 | 1.008 | 9913.71 | 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

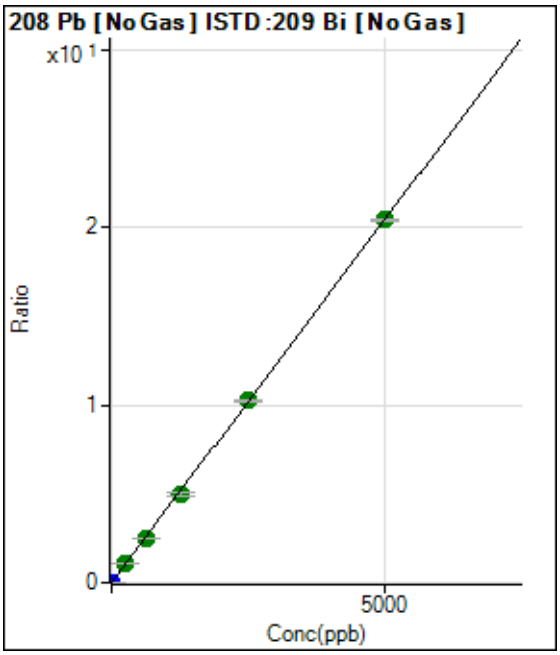



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 356.68 | 0.0000 | P | 7.6 |
| 2 | ☐ | 0.100 | 0.097 | 1174.51 | 0.0001 | P | 2.3 |
| 3 | ☐ | 1.000 | 1.006 | 8755.12 | 0.0009 | P | 0.9 |
| 4 | ☐ | 250.000 | 257.651 | 2160061.16 | 0.2314 | 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

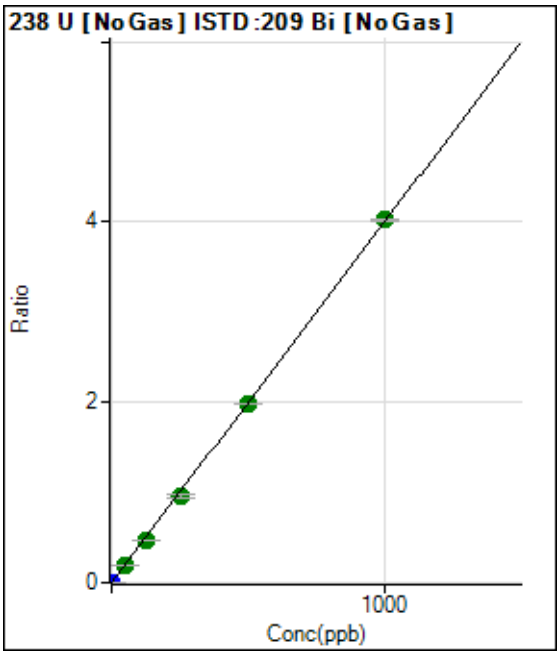
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1564.50 | 0.0002 | P | 3.1 |
| 2 | ☐ | 0.100 | 0.099 | 5344.92 | 0.0006 | P | 3.4 |
| 3 | ☐ | 1.000 | 1.000 | 39520.50 | 0.0043 | 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

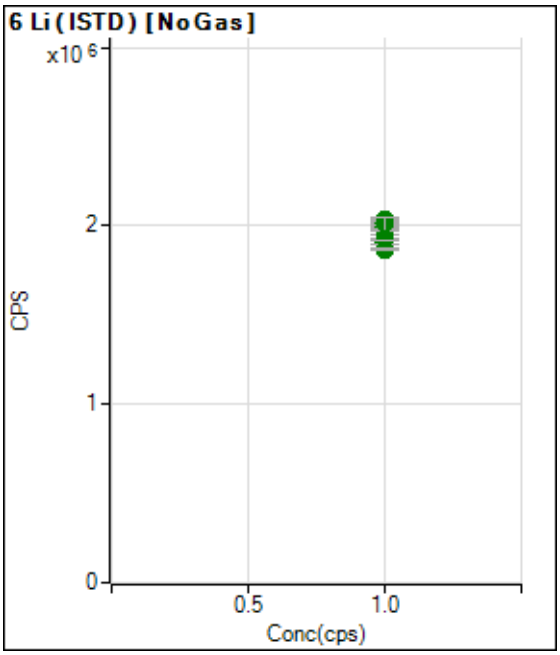



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0000 | P | 56.7 |
| 2 | ☐ | 0.100 | 0.090 | 3363.80 | 0.0004 | P | 3.4 |
| 3 | ☐ | 1.000 | 0.928 | 34476.83 | 0.0037 | P | 2.7 |
| 4 | ☐ | 50.000 | 48.935 | 1827307.77 | 0.1958 | 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 |

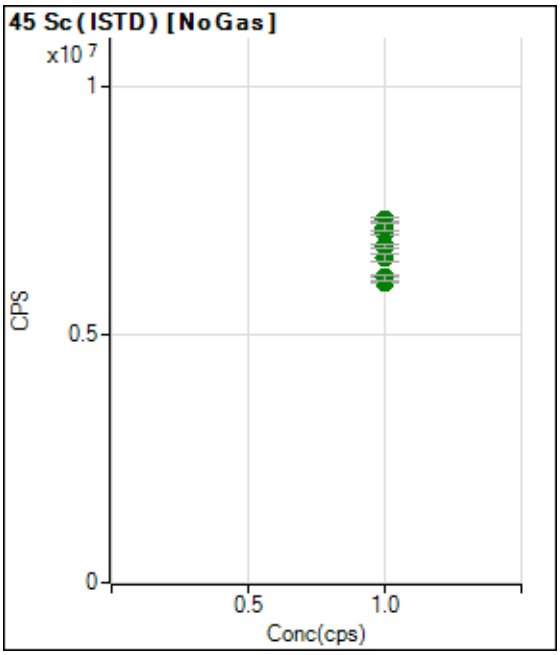
y = 0.0040 * x + 1.3380E-006
R = 0.9999
DL = 0.0005685
BEC = 0.0003344

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

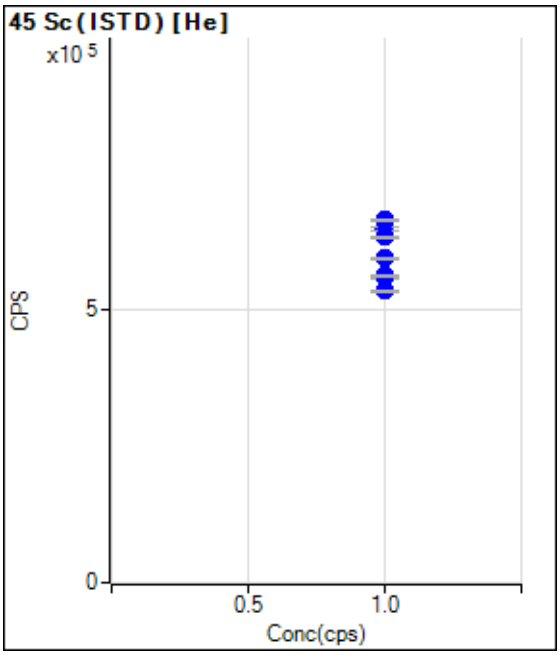



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1954229.99 | | A | 0.2 |
| 2 | ☐ | 1.000 | | 1974647.30 | | A | 5.5 |
| 3 | ☐ | 1.000 | | 2008203.55 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 2033670.73 | | A | 0.4 |
| 5 | ☐ | 1.000 | | 1994896.78 | | 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 |

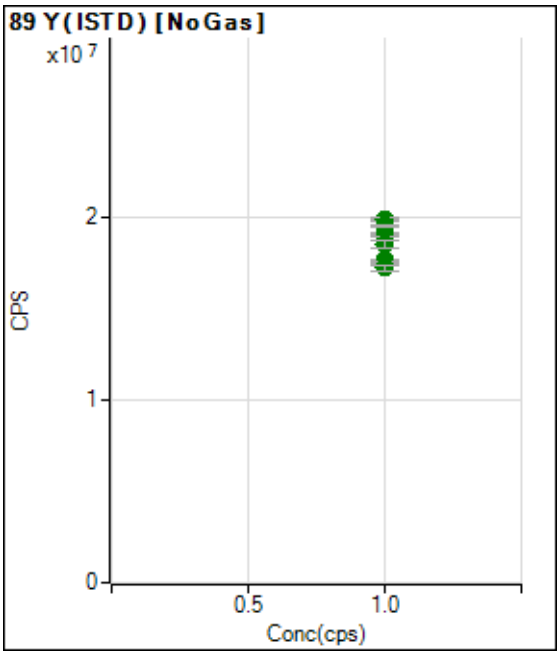



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7066083.02 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 7159420.80 | | A | 3.9 |
| 3 | ☐ | 1.000 | | 7322207.46 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 7180610.03 | | A | 1.8 |
| 5 | ☐ | 1.000 | | 6783289.69 | | 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

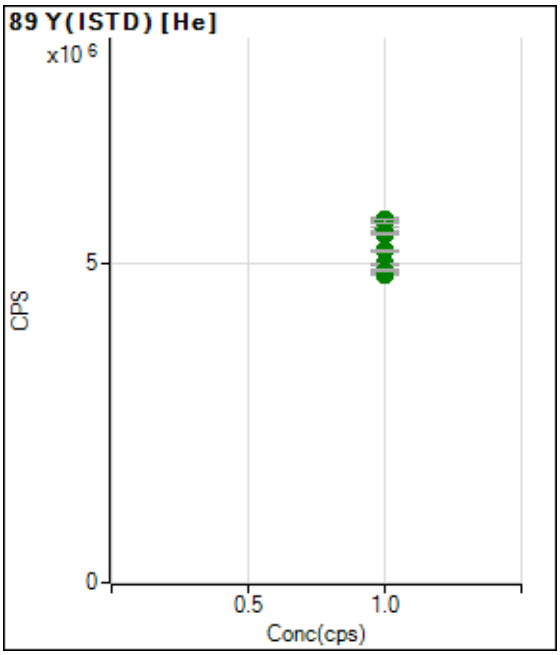



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 645578.91 | | P | 0.8 |
| 2 | ☐ | 1.000 | | 662554.35 | | P | 0.1 |
| 3 | ☐ | 1.000 | | 661361.55 | | P | 0.8 |
| 4 | ☐ | 1.000 | | 631213.47 | | P | 0.8 |
| 5 | ☐ | 1.000 | | 591752.27 | | 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 |

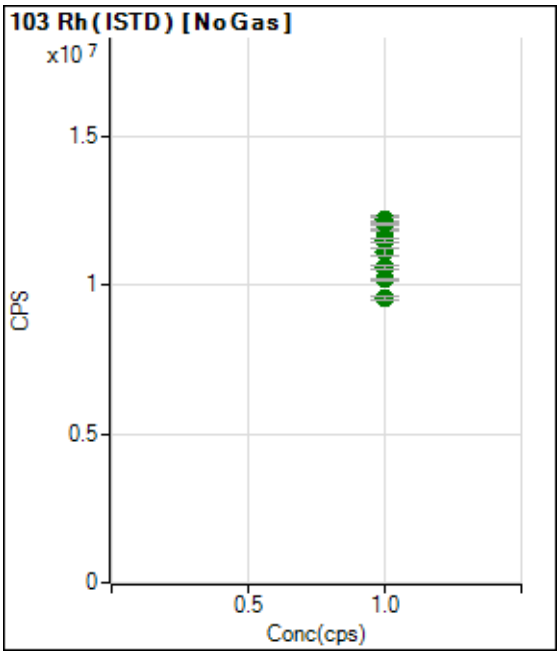



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 19142123.47 | | A | 0.4 |
| 2 | ☐ | 1.000 | | 19513656.79 | | A | 4.2 |
| 3 | ☐ | 1.000 | | 19877604.43 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 19560334.99 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 18968148.47 | | 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 |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

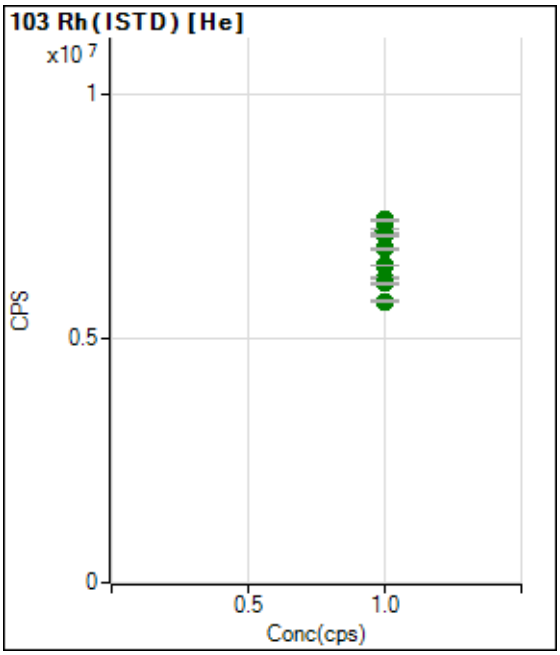



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 5547282.49 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 5691696.44 | | A | 0.9 |
| 3 | ☐ | 1.000 | | 5660092.35 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 5467609.22 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 5204723.15 | | 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 |

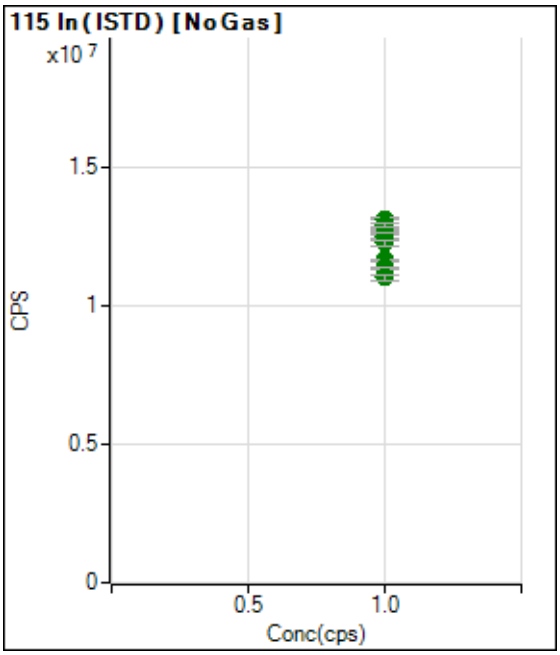



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11834991.35 | | A | 0.7 |
| 2 | ☐ | 1.000 | | 12091493.43 | | A | 4.1 |
| 3 | ☐ | 1.000 | | 12187458.71 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 12052011.35 | | A | 0.2 |
| 5 | ☐ | 1.000 | | 11482968.58 | | 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

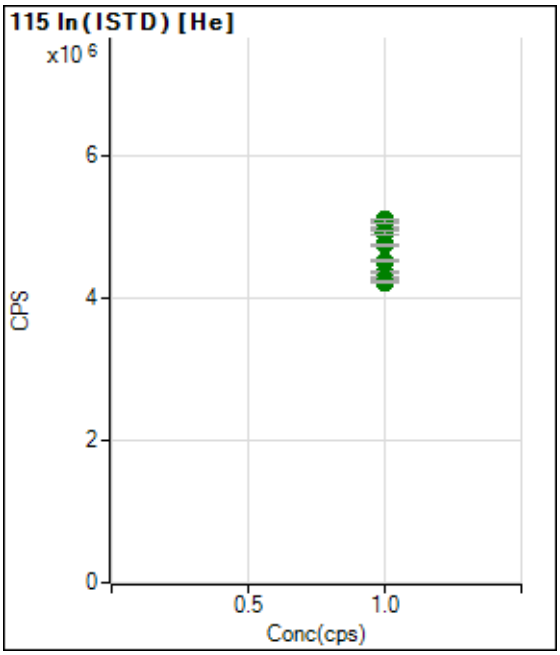



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7206836.77 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 7442425.03 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 7421020.17 | | A | 0.6 |
| 4 | ☐ | 1.000 | | 7127492.33 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 6847515.11 | | 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 |

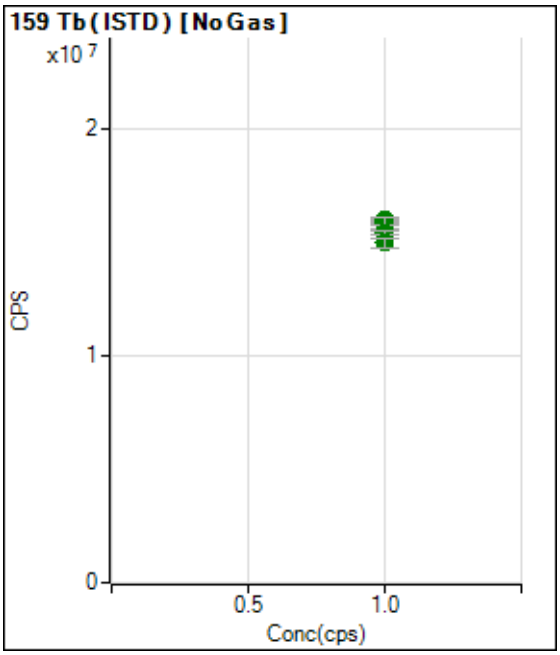



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 12704592.99 | | A | 0.5 |
| 2 | ☐ | 1.000 | | 12842685.66 | | A | 4.4 |
| 3 | ☐ | 1.000 | | 13073276.15 | | A | 1.7 |
| 4 | ☐ | 1.000 | | 12899935.69 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 12492072.90 | | 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

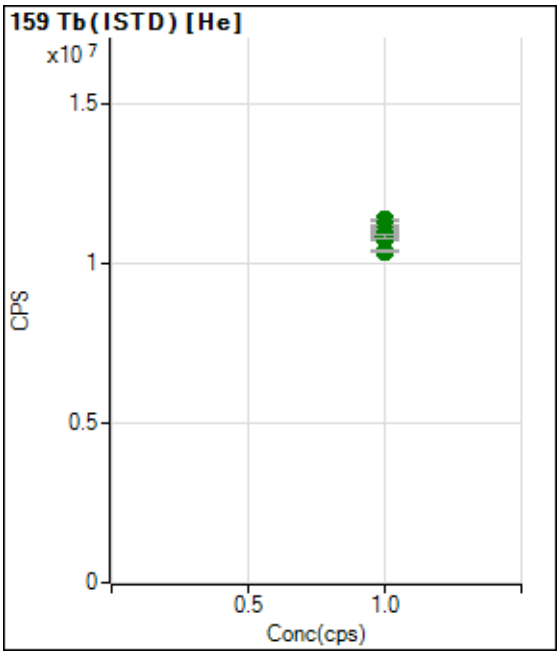



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4991854.58 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 5108322.07 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 5086472.18 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 4935463.34 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 4757380.33 | | 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 |

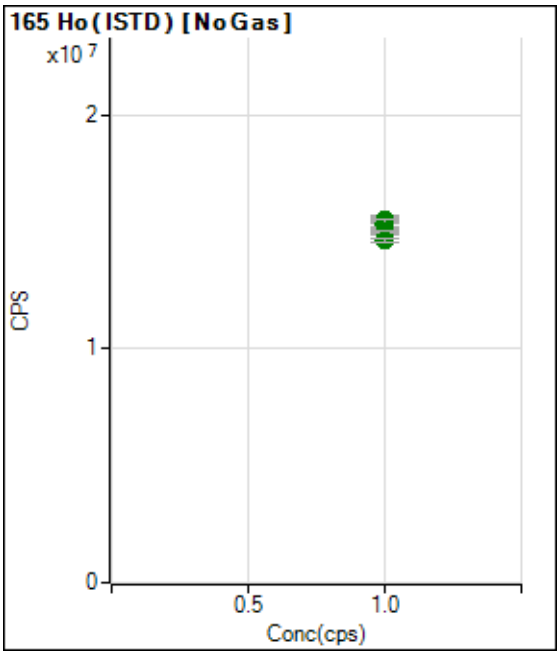



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 15557257.54 | | A | 0.5 |
| 2 | ☐ | 1.000 | | 15739112.96 | | A | 3.1 |
| 3 | ☐ | 1.000 | | 15901546.29 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 15956250.04 | | A | 1.4 |
| 5 | ☐ | 1.000 | | 15795988.37 | | 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

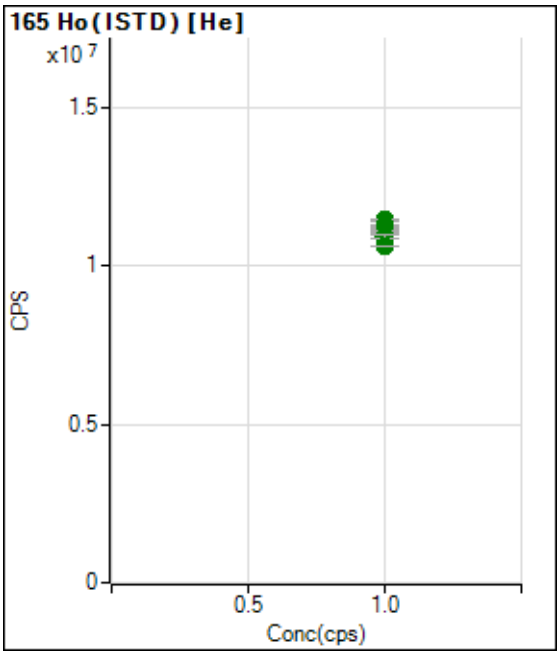



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11134491.64 | | A | 1.5 |
| 2 | ☐ | 1.000 | | 11348718.44 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 11355734.83 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 11168428.03 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 11034654.42 | | 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 |

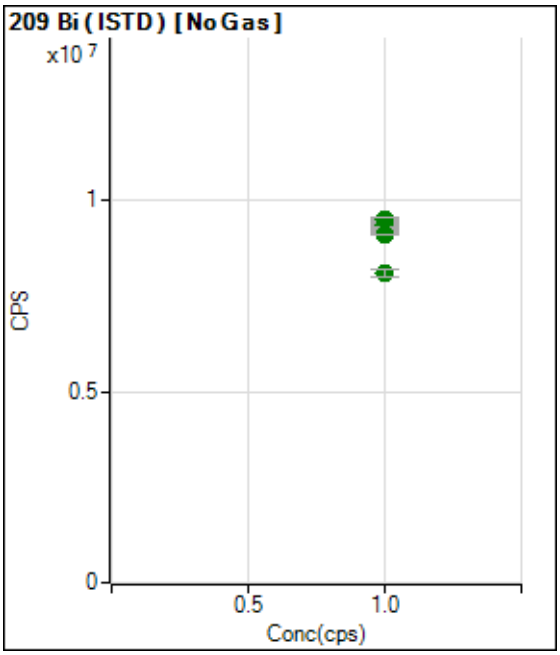



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 15049907.55 | | A | 1.2 |
| 2 | ☐ | 1.000 | | 15433620.60 | | A | 3.8 |
| 3 | ☐ | 1.000 | | 15520439.63 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 15462475.60 | | A | 0.2 |
| 5 | ☐ | 1.000 | | 15303541.02 | | 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 |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

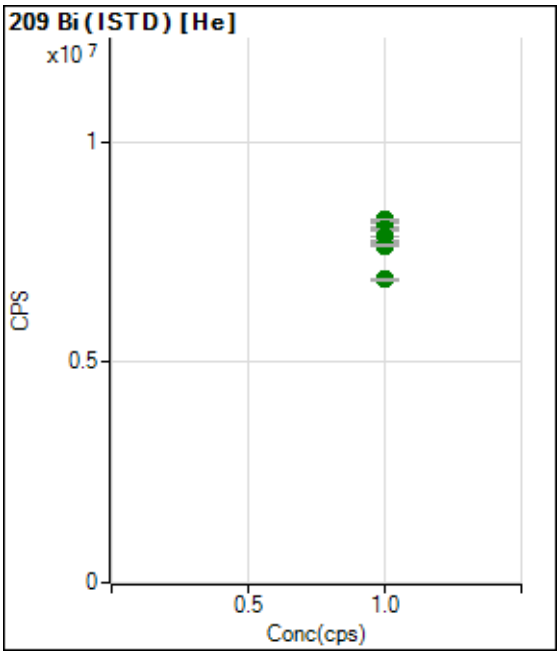



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11301950.39 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 11454861.22 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 11454848.58 | | A | 0.4 |
| 4 | ☐ | 1.000 | | 11288924.28 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 11200243.03 | | 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 | |

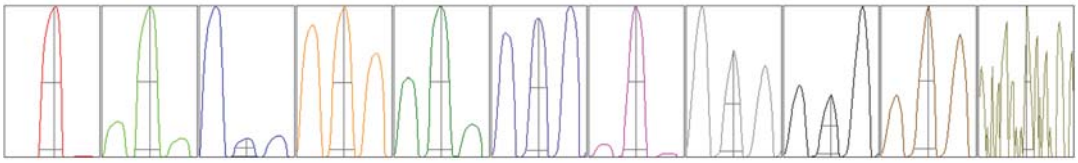
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 7587 | 7490 | 7581 | 7617 | 7628 |
| 24 | 229970 | 229225 | 232129 | 231138 | 235634 |
| 25 | 26895 | 26696 | 26967 | 27138 | 27414 |
| 26 | 30120 | 29899 | 30274 | 30382 | 30455 |
| 59 | 84592 | 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 |

| | | | |
|---|---|---|---|
| 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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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 | 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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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 |
|---|---|---|---|---|---|---|---|
| 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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On:12/30/2024 3:28:46 AM
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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

| | | | |
|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

Reviewed By:Mohan
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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 |

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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 | 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 |

| | | | |
|---|---|---|---|
| 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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| | | | |
|---|---|---|---|
| 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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| | | | |
|---|---|---|---|
| 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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| | | | |
|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 | 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 |

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 | 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 |

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 : | P5306-02DUPDLX10 | 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

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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 |
|---|---|---|---|---|---|---|---|
| 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

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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 |
|---|---|---|---|---|---|---|---|
| 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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|---|---|---|---|
| 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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|---|---|---|---|
| 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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|---|---|---|---|
| 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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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 |
|---|---|---|---|---|---|---|---|
| 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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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

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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 |
|---|---|---|---|---|---|---|---|
| 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

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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 |
|---|---|---|---|---|---|---|---|
| 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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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

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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 |
|---|---|---|---|---|---|---|---|
| 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

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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 |
|---|---|---|---|---|---|---|---|
| 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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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 |

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 | 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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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 | 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

| | | | |
|---|---|---|---|
| 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 |

Reviewed By:Mohan
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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

| | | | |
|---|---|---|---|
| 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

| | | | |
|---|---|---|---|
| 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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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 | 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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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 |
|---|---|---|---|---|---|---|---|
| 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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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 | 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 : | P5266-04LX5 | 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 |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04LX5 | 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 |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04LX5 | 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 |

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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 | 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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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Inst Id :P7

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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Inst Id :P7

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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 |
|---|---|---|---|---|---|---|---|
| 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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Inst Id :P7

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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

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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 |
|---|---|---|---|---|---|---|---|
| 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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On:12/30/2024 3:28:46 AM
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

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 | 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 |

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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 | 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 |

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| | | | |
|---|---|---|---|
| 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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| | | | |
|---|---|---|---|
| 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 |

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|---|---|---|---|
| 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 |

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|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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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|---|---|---|---|
| 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 |

Reviewed By:Mohan
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 | 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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On:12/30/2024 3:28:46 AM
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 |

Reviewed By:Mohan
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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 |
|---|---|---|---|---|---|---|---|
| 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 |

Reviewed By:Mohan
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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 |
|---|---|---|---|---|---|---|---|
| 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

| | | | |
|---|---|---|---|
| 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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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 | 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 |

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 : | 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 |

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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 | 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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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 |
|---|---|---|---|---|---|---|---|
| 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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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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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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|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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
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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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
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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
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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 |

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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 |

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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 |

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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 |

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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 |

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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 |

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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 | 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 |

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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 |

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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 | 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 |

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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 | 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
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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 | 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 |

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 | 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
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 |
|---|---|---|---|---|---|---|---|
| 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

| | | | |
|---|---|---|---|
| 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

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|---|---|---|---|
| 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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|---|---|---|---|
| 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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|---|---|---|---|
| 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 |

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On:12/30/2024 3:28:46 AM
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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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|---|---|---|---|
| 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 |

Reviewed By:Mohan
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Inst Id :P7

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|---|---|---|---|
| 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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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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Inst Id :P7

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|---|---|---|---|
| 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

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|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

Reviewed By:Mohan
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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 | 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

| | | | |
|---|---|---|---|
| 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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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 | 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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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 | 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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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 | 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

| | | | |
|---|---|---|---|
| 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

| | | | |
|---|---|---|---|
| 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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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 | 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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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 | 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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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 |
|---|---|---|---|---|---|---|---|
| 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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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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|---|---|---|---|
| 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

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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 |
|---|---|---|---|---|---|---|---|
| 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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On:12/30/2024 3:28:46 AM
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 |
|---|---|---|---|---|---|---|---|
| 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

| | | | |
|---|---|---|---|
| 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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Inst Id :P7

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|---|---|---|---|
| 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

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|---|---|---|---|
| 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

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|---|---|---|---|
| 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 |

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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 : | P5354-04 | 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

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|---|---|---|---|
| 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 |

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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
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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 |

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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 |

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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 |

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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 |

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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 |

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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 |

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
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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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
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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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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 | 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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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|---|---|---|---|
| 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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| | | | |
|---|---|---|---|
| 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 |

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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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 | 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

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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 |
|---|---|---|---|---|---|---|---|
| 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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|---|---|---|---|
| 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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|---|---|---|---|
| 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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|---|---|---|---|
| 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 |

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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 |

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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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|---|---|---|---|
| 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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|---|---|---|---|
| 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

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|---|---|---|---|
| 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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|---|---|---|---|
| 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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|---|---|---|---|
| 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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|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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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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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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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:09:25 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6188.31 | 6069.43 | 6110.77 | 6122.83 | 0.99 | ppb |
| Antimony | 121-1 | 5.77 | 5.95 | 5.81 | 5.84 | 1.61 | ppb |
| Arsenic | 75-2 | 28.93 | 29.76 | 29.28 | 29.32 | 1.43 | ppb |
| Barium | 135-1 | 17.04 | 17.48 | 18.20 | 17.57 | 3.32 | ppb |
| Barium | 137-1 | 17.34 | 17.73 | 18.07 | 17.71 | 2.06 | ppb |
| Beryllium | 9-1 | 0.18 | 0.16 | 0.20 | 0.18 | 8.60 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.71 | 0.71 | 0.76 | 0.73 | 3.38 | ppb |
| Cadmium | 106-1 | 0.66 | 0.35 | -0.50 | 0.17 | 353.28 | ppb |
| Cadmium | 111-1 | 0.51 | 0.50 | 0.54 | 0.51 | 4.10 | ppb |
| Calcium | 43-1 | 16973.42 | 17272.93 | 17323.16 | 17189.84 | 1.10 | ppb |
| Calcium | 44-1 | 16598.78 | 16563.98 | 16689.01 | 16617.26 | 0.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 17.59 | 17.54 | 17.50 | 17.55 | 0.26 | ppb |
| Cobalt | 59-2 | 6.35 | 6.27 | 6.42 | 6.35 | 1.21 | ppb |
| Copper | 63-2 | 221.80 | 221.24 | 224.35 | 222.46 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 11869.34 | 11966.05 | 11998.30 | 11944.56 | 0.56 | ppb |
| Iron | 57-2 | 11994.19 | 12015.26 | 12034.64 | 12014.70 | 0.17 | ppb |
| Iron | 54-2 | 12032.72 | 11989.98 | 12025.89 | 12016.20 | 0.19 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:09:25 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 67.38 | 67.15 | 68.60 | 67.71 | 1.15 | ppb |
| Lead | 207-1 | 65.32 | 64.49 | 66.16 | 65.32 | 1.28 | ppb |
| Lead | 208-1 | 65.53 | 65.27 | 66.55 | 65.78 | 1.02 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 5374.31 | 5495.96 | 5454.69 | 5441.65 | 1.14 | ppb |
| Manganese | 55-2 | 152.48 | 151.65 | 152.56 | 152.23 | 0.33 | ppb |
| Molybdenum | 94-1 | 5.52 | 5.59 | 5.64 | 5.59 | 1.09 | ppb |
| Molybdenum | 95-1 | 2.27 | 2.29 | 2.32 | 2.29 | 1.00 | ppb |
| Molybdenum | 96-1 | 2.71 | 2.67 | 2.68 | 2.68 | 0.79 | ppb |
| Molybdenum | 97-1 | 2.30 | 2.27 | 2.29 | 2.28 | 0.56 | ppb |
| Molybdenum | 98-1 | 2.25 | 2.29 | 2.30 | 2.28 | 1.17 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.78 | 19.36 | 19.06 | 19.07 | 1.52 | ppb |
| Phosphorus | 31-2 | 576.94 | 603.50 | 618.70 | 599.71 | 3.52 | ppb |
| Potassium | 39-2 | 1516.44 | 1514.56 | 1508.70 | 1513.24 | 0.27 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 1.44 | 0.90 | 1.05 | 1.13 | 24.82 | ppb |
| Selenium | 77-2 | 3.16 | 2.90 | 2.40 | 2.82 | 13.63 | ppb |
| Selenium | 78-2 | 0.88 | 0.63 | 0.41 | 0.64 | 37.28 | ppb |
| Silicon | 28-1 | 132.24 | 131.05 | 168.02 | 143.77 | 14.61 | ppb |
| Silver | 107-1 | 0.78 | 0.80 | 0.78 | 0.79 | 1.74 | ppb |
| Silver | 109-1 | 0.79 | 0.80 | 0.78 | 0.79 | 1.40 | ppb |
| Sodium | 23-2 | 13549.38 | 13449.33 | 13509.73 | 13502.81 | 0.37 | ppb |
| Strontium | 86-1 | 4202.78 | 4245.54 | 4323.14 | 4257.15 | 1.43 | ppb |
| Strontium | 88-1 | 4305.91 | 4394.08 | 4347.16 | 4349.05 | 1.01 | ppb |
| Sulfur | 34-1 | 5336.76 | 5478.72 | 5559.41 | 5458.30 | 2.07 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.15 | 0.14 | 0.15 | 0.15 | 3.27 | ppb |
| Thallium | 205-1 | 0.15 | 0.15 | 0.15 | 0.15 | 0.08 | ppb |
| Tin | 118-1 | 12.44 | 12.67 | 12.79 | 12.63 | 1.40 | ppb |
| Titanium | 47-1 | 236.90 | 234.62 | 236.24 | 235.92 | 0.50 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:09:25 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.66 | 1.64 | 1.69 | 1.66 | 1.48 | ppb |
| Vanadium | 51-2 | 24.94 | 25.20 | 25.21 | 25.12 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 99.93 | 101.07 | 100.94 | 100.64 | 0.62 | ppb |
| Zirconium | 90-1 | 2.01 | 2.01 | 2.34 | 2.12 | 8.99 | ppb |
| Zirconium | 91-1 | 2.07 | 2.00 | 2.13 | 2.07 | 3.32 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:12:35 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6116.48 | 6236.09 | 6381.43 | 6244.67 | 2.12 | ppb |
| Antimony | 121-1 | 19.05 | 19.37 | 19.48 | 19.30 | 1.14 | ppb |
| Arsenic | 75-2 | 39.17 | 38.85 | 38.07 | 38.70 | 1.46 | ppb |
| Barium | 135-1 | 17.44 | 17.73 | 17.89 | 17.69 | 1.29 | ppb |
| Barium | 137-1 | 17.88 | 18.10 | 17.94 | 17.97 | 0.63 | ppb |
| Beryllium | 9-1 | 0.20 | 0.16 | 0.22 | 0.19 | 15.71 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.46 | 0.41 | 0.50 | 0.46 | 9.26 | ppb |
| Cadmium | 106-1 | 0.17 | 0.04 | -0.01 | 0.07 | 132.16 | ppb |
| Cadmium | 111-1 | 0.18 | 0.19 | 0.17 | 0.18 | 7.10 | ppb |
| Calcium | 43-1 | 4971.18 | 4968.67 | 5076.25 | 5005.37 | 1.23 | ppb |
| Calcium | 44-1 | 4879.95 | 4879.21 | 4865.89 | 4875.02 | 0.16 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19.64 | 19.43 | 19.60 | 19.56 | 0.57 | ppb |
| Cobalt | 59-2 | 9.11 | 9.13 | 9.22 | 9.16 | 0.63 | ppb |
| Copper | 63-2 | 73.22 | 73.15 | 73.10 | 73.16 | 0.09 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 17441.92 | 17462.00 | 17327.27 | 17410.39 | 0.42 | ppb |
| Iron | 57-2 | 17155.34 | 17103.71 | 17186.33 | 17148.46 | 0.24 | ppb |
| Iron | 54-2 | 17502.76 | 17284.76 | 17490.16 | 17425.89 | 0.70 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:12:35 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 50.03 | 49.72 | 50.11 | 49.95 | 0.41 | ppb |
| Lead | 207-1 | 48.05 | 48.07 | 48.21 | 48.11 | 0.18 | ppb |
| Lead | 208-1 | 48.90 | 48.69 | 48.77 | 48.79 | 0.22 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 4688.82 | 4563.84 | 4673.46 | 4642.04 | 1.47 | ppb |
| Manganese | 55-2 | 160.43 | 162.48 | 161.43 | 161.44 | 0.63 | ppb |
| Molybdenum | 94-1 | 6.51 | 6.29 | 7.12 | 6.64 | 6.47 | ppb |
| Molybdenum | 95-1 | 0.99 | 1.04 | 1.03 | 1.02 | 2.84 | ppb |
| Molybdenum | 96-1 | 1.70 | 1.73 | 1.69 | 1.71 | 1.40 | ppb |
| Molybdenum | 97-1 | 1.02 | 1.03 | 0.96 | 1.00 | 3.85 | ppb |
| Molybdenum | 98-1 | 0.98 | 1.02 | 1.01 | 1.00 | 2.01 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 20.81 | 21.33 | 20.87 | 21.00 | 1.35 | ppb |
| Phosphorus | 31-2 | 866.62 | 901.00 | 873.94 | 880.52 | 2.06 | ppb |
| Potassium | 39-2 | 1553.36 | 1558.94 | 1572.73 | 1561.68 | 0.64 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.22 | 0.69 | 0.42 | 0.44 | 53.41 | ppb |
| Selenium | 77-2 | 3.84 | 2.61 | 3.33 | 3.26 | 18.93 | ppb |
| Selenium | 78-2 | 0.43 | 0.20 | 0.29 | 0.30 | 38.49 | ppb |
| Silicon | 28-1 | 153.67 | 130.15 | 136.52 | 140.11 | 8.68 | ppb |
| Silver | 107-1 | 0.20 | 0.20 | 0.19 | 0.20 | 3.23 | ppb |
| Silver | 109-1 | 0.21 | 0.18 | 0.21 | 0.20 | 6.61 | ppb |
| Sodium | 23-2 | 6524.73 | 6506.19 | 6470.33 | 6500.42 | 0.43 | ppb |
| Strontium | 86-1 | 1058.24 | 1053.79 | 1072.32 | 1061.45 | 0.91 | ppb |
| Strontium | 88-1 | 1077.82 | 1090.26 | 1090.79 | 1086.29 | 0.68 | ppb |
| Sulfur | 34-1 | 1087.86 | 1018.67 | 1008.73 | 1038.42 | 4.15 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.11 | 0.12 | 0.12 | 0.12 | 6.40 | ppb |
| Thallium | 205-1 | 0.12 | 0.12 | 0.12 | 0.12 | 2.84 | ppb |
| Tin | 118-1 | 5.57 | 5.75 | 5.55 | 5.63 | 1.97 | ppb |
| Titanium | 47-1 | 375.83 | 383.60 | 384.29 | 381.24 | 1.23 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:12:35 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.38 | 0.38 | 0.38 | 0.38 | 0.82 | ppb |
| Vanadium | 51-2 | 34.03 | 33.80 | 34.12 | 33.98 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 157.63 | 157.68 | 158.91 | 158.07 | 0.46 | ppb |
| Zirconium | 90-1 | 3.06 | 3.08 | 3.16 | 3.10 | 1.75 | ppb |
| Zirconium | 91-1 | 3.03 | 3.11 | 3.19 | 3.11 | 2.56 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:15:46 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10046.10 | 10105.94 | 9917.16 | 10023.07 | 0.96 | ppb |
| Antimony | 121-1 | 27.33 | 27.73 | 27.89 | 27.65 | 1.05 | ppb |
| Arsenic | 75-2 | 106.53 | 107.50 | 106.31 | 106.78 | 0.60 | ppb |
| Barium | 135-1 | 71.90 | 71.27 | 72.63 | 71.93 | 0.95 | ppb |
| Barium | 137-1 | 72.70 | 72.78 | 73.59 | 73.03 | 0.68 | ppb |
| Beryllium | 9-1 | 0.28 | 0.27 | 0.28 | 0.28 | 2.65 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.62 | 1.16 | 1.44 | 1.41 | 16.40 | ppb |
| Cadmium | 106-1 | 1.46 | 1.24 | 1.27 | 1.32 | 8.82 | ppb |
| Cadmium | 111-1 | 0.99 | 1.02 | 1.01 | 1.01 | 1.71 | ppb |
| Calcium | 43-1 | 7631.37 | 7649.08 | 7611.95 | 7630.80 | 0.24 | ppb |
| Calcium | 44-1 | 7361.36 | 7356.67 | 7317.51 | 7345.18 | 0.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 33.72 | 33.67 | 33.87 | 33.75 | 0.31 | ppb |
| Cobalt | 59-2 | 21.73 | 21.74 | 22.07 | 21.85 | 0.90 | ppb |
| Copper | 63-2 | 1138.53 | 1151.79 | 1148.56 | 1146.29 | 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 | | | | 112 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 26927.24 | 27130.31 | 26993.82 | 27017.12 | 0.38 | ppb |
| Iron | 57-2 | 26849.81 | 27094.07 | 26802.87 | 26915.58 | 0.58 | ppb |
| Iron | 54-2 | 26818.75 | 27068.75 | 27188.83 | 27025.44 | 0.70 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:15:46 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 225.77 | 234.89 | 230.52 | 230.39 | 1.98 | ppb |
| Lead | 207-1 | 224.90 | 228.37 | 228.59 | 227.29 | 0.91 | ppb |
| Lead | 208-1 | 226.12 | 230.47 | 228.97 | 228.52 | 0.97 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 6430.89 | 6449.43 | 6524.52 | 6468.28 | 0.77 | ppb |
| Manganese | 55-2 | 189.64 | 191.85 | 192.82 | 191.44 | 0.85 | ppb |
| Molybdenum | 94-1 | 8.73 | 8.79 | 8.64 | 8.72 | 0.89 | ppb |
| Molybdenum | 95-1 | 4.66 | 4.67 | 4.63 | 4.65 | 0.50 | ppb |
| Molybdenum | 96-1 | 5.32 | 5.30 | 5.29 | 5.30 | 0.30 | ppb |
| Molybdenum | 97-1 | 4.85 | 4.76 | 4.65 | 4.75 | 2.03 | ppb |
| Molybdenum | 98-1 | 4.60 | 4.77 | 4.66 | 4.68 | 1.80 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 23.97 | 24.70 | 23.99 | 24.22 | 1.73 | ppb |
| Phosphorus | 31-2 | 842.73 | 819.82 | 849.25 | 837.27 | 1.85 | ppb |
| Potassium | 39-2 | 2210.14 | 2239.15 | 2294.04 | 2247.78 | 1.90 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 1.22 | 1.42 | 1.16 | 1.27 | 10.65 | ppb |
| Selenium | 77-2 | 3.43 | 3.30 | 4.75 | 3.83 | 20.98 | ppb |
| Selenium | 78-2 | 1.62 | 1.68 | 1.94 | 1.75 | 10.00 | ppb |
| Silicon | 28-1 | 264.85 | 378.98 | 251.14 | 298.32 | 23.53 | ppb |
| Silver | 107-1 | 4.46 | 4.56 | 4.62 | 4.55 | 1.85 | ppb |
| Silver | 109-1 | 4.44 | 4.55 | 4.57 | 4.52 | 1.48 | ppb |
| Sodium | 23-2 | 13219.34 | 13252.79 | 13454.31 | 13308.81 | 0.96 | ppb |
| Strontium | 86-1 | 1678.10 | 1685.18 | 1665.67 | 1676.32 | 0.59 | ppb |
| Strontium | 88-1 | 1717.38 | 1719.86 | 1711.17 | 1716.14 | 0.26 | ppb |
| Sulfur | 34-1 | 5401.74 | 5362.91 | 5306.66 | 5357.10 | 0.89 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.24 | 0.25 | 0.26 | 0.25 | 4.89 | ppb |
| Thallium | 205-1 | 0.26 | 0.25 | 0.25 | 0.25 | 1.08 | ppb |
| Tin | 118-1 | 21.40 | 21.04 | 21.67 | 21.37 | 1.47 | ppb |
| Titanium | 47-1 | 402.61 | 401.22 | 397.17 | 400.33 | 0.71 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:15:46 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.06 | 1.11 | 1.08 | 1.08 | 2.15 | ppb |
| Vanadium | 51-2 | 36.69 | 37.22 | 37.04 | 36.98 | 0.73 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 784.58 | 787.92 | 792.12 | 788.21 | 0.48 | ppb |
| Zirconium | 90-1 | 2.65 | 2.59 | 2.58 | 2.61 | 1.38 | ppb |
| Zirconium | 91-1 | 2.70 | 2.63 | 2.60 | 2.64 | 1.97 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:19:33 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7565.24 | 7408.71 | 7908.17 | 7627.37 | 3.35 | ppb |
| Antimony | 121-1 | 10.31 | 10.20 | 10.30 | 10.27 | 0.58 | ppb |
| Arsenic | 75-2 | 48.76 | 48.35 | 49.01 | 48.70 | 0.68 | ppb |
| Barium | 135-1 | 27.96 | 28.02 | 28.23 | 28.07 | 0.50 | ppb |
| Barium | 137-1 | 28.30 | 28.04 | 28.01 | 28.12 | 0.56 | ppb |
| Beryllium | 9-1 | 0.18 | 0.19 | 0.19 | 0.19 | 1.01 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.33 | 0.75 | 0.80 | 0.96 | 33.26 | ppb |
| Cadmium | 106-1 | 1.22 | -0.02 | 0.24 | 0.48 | 136.67 | ppb |
| Cadmium | 111-1 | 0.64 | 0.72 | 0.66 | 0.67 | 6.27 | ppb |
| Calcium | 43-1 | 26494.40 | 26601.30 | 26792.97 | 26629.56 | 0.57 | ppb |
| Calcium | 44-1 | 25638.48 | 25871.63 | 26235.66 | 25915.26 | 1.16 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 25.24 | 25.50 | 25.67 | 25.47 | 0.85 | ppb |
| Cobalt | 59-2 | 6.01 | 6.06 | 6.18 | 6.09 | 1.41 | ppb |
| Copper | 63-2 | 880.64 | 878.71 | 891.88 | 883.74 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 15797.92 | 15720.32 | 16008.40 | 15842.21 | 0.94 | ppb |
| Iron | 57-2 | 16116.24 | 15890.09 | 16085.49 | 16030.61 | 0.77 | ppb |
| Iron | 54-2 | 15897.34 | 15989.21 | 15945.16 | 15943.90 | 0.29 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:19:33 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 113.95 | 113.63 | 116.38 | 114.65 | 1.31 | ppb |
| Lead | 207-1 | 110.34 | 110.87 | 111.60 | 110.94 | 0.57 | ppb |
| Lead | 208-1 | 114.97 | 115.29 | 116.77 | 115.68 | 0.83 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 4770.95 | 4733.92 | 4718.50 | 4741.12 | 0.57 | ppb |
| Manganese | 55-2 | 109.72 | 109.70 | 110.51 | 109.98 | 0.42 | ppb |
| Molybdenum | 94-1 | 6.39 | 6.35 | 6.59 | 6.44 | 2.05 | ppb |
| Molybdenum | 95-1 | 3.01 | 2.93 | 2.96 | 2.97 | 1.27 | ppb |
| Molybdenum | 96-1 | 3.44 | 3.41 | 3.59 | 3.48 | 2.91 | ppb |
| Molybdenum | 97-1 | 3.05 | 3.00 | 2.98 | 3.01 | 1.30 | ppb |
| Molybdenum | 98-1 | 2.94 | 3.06 | 3.05 | 3.02 | 2.26 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.15 | 18.47 | 18.61 | 18.41 | 1.28 | ppb |
| Phosphorus | 31-2 | 728.50 | 780.55 | 765.24 | 758.10 | 3.53 | ppb |
| Potassium | 39-2 | 1558.62 | 1553.47 | 1574.62 | 1562.24 | 0.71 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 1.00 | 1.12 | 1.02 | 1.05 | 6.47 | ppb |
| Selenium | 77-2 | 3.58 | 2.84 | 3.48 | 3.30 | 12.15 | ppb |
| Selenium | 78-2 | -0.27 | -0.13 | -1.22 | -0.54 | | ppb |
| Silicon | 28-1 | 221.23 | 190.59 | 261.18 | 224.33 | 15.78 | ppb |
| Silver | 107-1 | 2.84 | 2.79 | 2.78 | 2.80 | 1.17 | ppb |
| Silver | 109-1 | 2.93 | 2.79 | 2.77 | 2.83 | 3.17 | ppb |
| Sodium | 23-2 | 12512.44 | 12400.85 | 12690.48 | 12534.59 | 1.17 | ppb |
| Strontium | 86-1 | 5332.09 | 5396.43 | 5415.67 | 5381.40 | 0.81 | ppb |
| Strontium | 88-1 | 5367.22 | 5523.78 | 5576.17 | 5489.06 | 1.98 | ppb |
| Sulfur | 34-1 | 7601.22 | 7642.71 | 7739.35 | 7661.09 | 0.93 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.18 | 0.20 | 0.21 | 0.20 | 5.44 | ppb |
| Thallium | 205-1 | 0.19 | 0.20 | 0.21 | 0.20 | 4.22 | ppb |
| Tin | 118-1 | 10.38 | 10.18 | 10.35 | 10.31 | 1.03 | ppb |
| Titanium | 47-1 | 382.34 | 379.00 | 381.66 | 381.00 | 0.46 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:19:33 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.76 | 0.75 | 0.78 | 0.77 | 1.87 | ppb |
| Vanadium | 51-2 | 27.37 | 27.69 | 28.08 | 27.72 | 1.29 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 220.81 | 219.65 | 221.38 | 220.61 | 0.40 | ppb |
| Zirconium | 90-1 | 2.25 | 2.11 | 2.15 | 2.17 | 3.32 | ppb |
| Zirconium | 91-1 | 2.14 | 2.21 | 2.18 | 2.18 | 1.60 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2922 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:22:41 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14118.90 | 13696.76 | 12913.31 | 13576.32 | 4.51 | ppb |
| Antimony | 121-1 | 0.75 | 0.74 | 0.73 | 0.74 | 0.89 | ppb |
| Arsenic | 75-2 | 13.00 | 11.88 | 12.36 | 12.41 | 4.53 | ppb |
| Barium | 135-1 | 131.41 | 132.03 | 130.97 | 131.47 | 0.41 | ppb |
| Barium | 137-1 | 132.52 | 134.09 | 134.19 | 133.60 | 0.70 | ppb |
| Beryllium | 9-1 | 0.92 | 0.96 | 0.98 | 0.95 | 3.62 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.56 | 0.68 | 0.67 | 0.64 | 10.60 | ppb |
| Cadmium | 106-1 | 0.48 | 0.83 | 0.80 | 0.70 | 27.01 | ppb |
| Cadmium | 111-1 | 0.58 | 0.60 | 0.53 | 0.57 | 6.09 | ppb |
| Calcium | 43-1 | 52518.18 | 53200.89 | 54609.62 | 53442.90 | 2.00 | ppb |
| Calcium | 44-1 | 52619.39 | 53937.30 | 53790.58 | 53449.09 | 1.35 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 38.63 | 37.59 | 35.14 | 37.12 | 4.84 | ppb |
| Cobalt | 59-2 | 17.82 | 17.21 | 16.38 | 17.14 | 4.23 | ppb |
| Copper | 63-2 | 36.37 | 35.49 | 33.48 | 35.11 | 4.21 | 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 | | | | 113 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 40368.10 | 38947.15 | 36742.57 | 38685.94 | 4.72 | ppb |
| Iron | 57-2 | 40432.25 | 38842.92 | 36741.52 | 38672.23 | 4.79 | ppb |
| Iron | 54-2 | 40408.18 | 38967.69 | 36787.12 | 38721.00 | 4.71 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2922 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:22:41 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 58.78 | 60.42 | 60.00 | 59.74 | 1.43 | ppb |
| Lead | 207-1 | 54.49 | 54.94 | 54.91 | 54.78 | 0.45 | ppb |
| Lead | 208-1 | 55.82 | 56.90 | 56.86 | 56.53 | 1.08 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 24467.26 | 23916.21 | 22439.15 | 23607.54 | 4.44 | ppb |
| Manganese | 55-2 | 740.37 | 711.78 | 673.17 | 708.44 | 4.76 | ppb |
| Molybdenum | 94-1 | 5.58 | 5.86 | 5.68 | 5.71 | 2.56 | ppb |
| Molybdenum | 95-1 | 2.20 | 2.23 | 2.23 | 2.22 | 0.73 | ppb |
| Molybdenum | 96-1 | 2.86 | 2.93 | 2.87 | 2.88 | 1.25 | ppb |
| Molybdenum | 97-1 | 2.25 | 2.30 | 2.27 | 2.27 | 1.05 | ppb |
| Molybdenum | 98-1 | 2.26 | 2.23 | 2.30 | 2.26 | 1.54 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 48.23 | 46.58 | 44.22 | 46.34 | 4.36 | ppb |
| Phosphorus | 31-2 | 901.28 | 859.26 | 826.53 | 862.35 | 4.35 | ppb |
| Potassium | 39-2 | 2475.60 | 2370.00 | 2322.95 | 2389.52 | 3.27 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 0.94 | 1.04 | 1.09 | 1.02 | 7.24 | ppb |
| Selenium | 77-2 | 6.02 | 6.45 | 5.83 | 6.10 | 5.27 | ppb |
| Selenium | 78-2 | 1.48 | 0.39 | 0.01 | 0.63 | 121.87 | ppb |
| Silicon | 28-1 | 292.21 | 327.13 | 364.22 | 327.85 | 10.98 | ppb |
| Silver | 107-1 | 0.19 | 0.18 | 0.19 | 0.19 | 3.80 | ppb |
| Silver | 109-1 | 0.19 | 0.20 | 0.18 | 0.19 | 3.86 | ppb |
| Sodium | 23-2 | 204.33 | 200.91 | 186.92 | 197.39 | 4.67 | ppb |
| Strontium | 86-1 | 2223.52 | 2250.15 | 2271.93 | 2248.53 | 1.08 | ppb |
| Strontium | 88-1 | 2297.47 | 2306.69 | 2312.03 | 2305.40 | 0.32 | ppb |
| Sulfur | 34-1 | 507.12 | 639.66 | 666.49 | 604.43 | 14.12 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.30 | 0.31 | 0.29 | 0.30 | 2.70 | ppb |
| Thallium | 205-1 | 0.27 | 0.30 | 0.29 | 0.29 | 4.61 | ppb |
| Tin | 118-1 | 2.21 | 2.32 | 2.24 | 2.26 | 2.37 | ppb |
| Titanium | 47-1 | 157.14 | 167.35 | 164.14 | 162.88 | 3.21 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2922 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:22:41 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.38 | 1.39 | 1.40 | 1.39 | 0.72 | ppb |
| Vanadium | 51-2 | 45.25 | 44.18 | 41.68 | 43.70 | 4.19 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 169.34 | 164.02 | 155.65 | 163.01 | 4.23 | ppb |
| Zirconium | 90-1 | 2.04 | 2.12 | 2.34 | 2.17 | 7.14 | ppb |
| Zirconium | 91-1 | 2.12 | 2.10 | 2.17 | 2.13 | 1.70 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2924 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:25:49 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14716.97 | 14797.08 | 14799.43 | 14771.16 | 0.32 | ppb |
| Antimony | 121-1 | 0.66 | 0.65 | 0.61 | 0.64 | 4.11 | ppb |
| Arsenic | 75-2 | 16.16 | 16.02 | 15.27 | 15.81 | 3.04 | ppb |
| Barium | 135-1 | 142.59 | 146.84 | 145.16 | 144.86 | 1.47 | ppb |
| Barium | 137-1 | 144.78 | 148.33 | 145.20 | 146.11 | 1.33 | ppb |
| Beryllium | 9-1 | 0.97 | 0.88 | 0.97 | 0.94 | 5.67 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.87 | 0.74 | 0.87 | 0.83 | 9.18 | ppb |
| Cadmium | 106-1 | 0.54 | 1.14 | 0.99 | 0.89 | 35.25 | ppb |
| Cadmium | 111-1 | 0.53 | 0.57 | 0.59 | 0.56 | 5.31 | ppb |
| Calcium | 43-1 | 68891.13 | 71094.53 | 70272.31 | 70085.99 | 1.59 | ppb |
| Calcium | 44-1 | 67295.83 | 70914.25 | 70794.49 | 69668.19 | 2.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.52 | 43.32 | 43.42 | 43.42 | 0.23 | ppb |
| Cobalt | 59-2 | 19.13 | 19.23 | 19.25 | 19.20 | 0.33 | ppb |
| Copper | 63-2 | 38.21 | 37.95 | 38.04 | 38.06 | 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 | | | | 112 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 45139.74 | 45318.55 | 45421.32 | 45293.20 | 0.31 | ppb |
| Iron | 57-2 | 44756.59 | 45886.83 | 45151.88 | 45265.10 | 1.27 | ppb |
| Iron | 54-2 | 45628.21 | 45188.11 | 45559.43 | 45458.58 | 0.52 | 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 : | P5352-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2924 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:25:49 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 41.34 | 42.97 | 43.19 | 42.50 | 2.38 | ppb |
| Lead | 207-1 | 37.82 | 39.62 | 39.22 | 38.89 | 2.44 | ppb |
| Lead | 208-1 | 39.23 | 40.85 | 40.41 | 40.16 | 2.08 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 29020.48 | 28672.47 | 28946.98 | 28879.98 | 0.64 | ppb |
| Manganese | 55-2 | 927.30 | 931.23 | 931.12 | 929.88 | 0.24 | ppb |
| Molybdenum | 94-1 | 6.08 | 6.46 | 7.99 | 6.84 | 14.75 | ppb |
| Molybdenum | 95-1 | 2.81 | 2.90 | 2.91 | 2.87 | 1.80 | ppb |
| Molybdenum | 96-1 | 3.44 | 3.52 | 3.66 | 3.54 | 3.19 | ppb |
| Molybdenum | 97-1 | 2.95 | 2.98 | 2.98 | 2.97 | 0.62 | ppb |
| Molybdenum | 98-1 | 2.88 | 2.93 | 2.89 | 2.90 | 0.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 50.54 | 51.10 | 50.14 | 50.59 | 0.96 | ppb |
| Phosphorus | 31-2 | 798.68 | 828.18 | 851.12 | 825.99 | 3.18 | ppb |
| Potassium | 39-2 | 2289.21 | 2225.21 | 2247.65 | 2254.02 | 1.44 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 1.18 | 1.03 | 0.97 | 1.06 | 10.22 | ppb |
| Selenium | 77-2 | 8.47 | 8.65 | 6.72 | 7.95 | 13.40 | ppb |
| Selenium | 78-2 | 0.16 | 0.03 | 0.80 | 0.33 | 124.44 | ppb |
| Silicon | 28-1 | 312.89 | 329.87 | 382.77 | 341.85 | 10.66 | ppb |
| Silver | 107-1 | 0.13 | 0.14 | 0.14 | 0.14 | 4.49 | ppb |
| Silver | 109-1 | 0.14 | 0.13 | 0.13 | 0.14 | 2.97 | ppb |
| Sodium | 23-2 | 209.62 | 208.33 | 217.30 | 211.75 | 2.29 | ppb |
| Strontium | 86-1 | 2023.79 | 2091.08 | 2090.63 | 2068.50 | 1.87 | ppb |
| Strontium | 88-1 | 2058.72 | 2128.92 | 2158.14 | 2115.26 | 2.42 | ppb |
| Sulfur | 34-1 | 953.36 | 1093.85 | 1210.42 | 1085.88 | 11.85 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.31 | 0.30 | 0.31 | 0.31 | 2.33 | ppb |
| Thallium | 205-1 | 0.31 | 0.32 | 0.30 | 0.31 | 3.44 | ppb |
| Tin | 118-1 | 1.44 | 1.45 | 1.44 | 1.44 | 0.18 | ppb |
| Titanium | 47-1 | 155.65 | 163.00 | 165.79 | 161.48 | 3.24 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2924 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:25:49 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.35 | 1.36 | 1.37 | 1.36 | 0.56 | ppb |
| Vanadium | 51-2 | 48.52 | 48.67 | 48.92 | 48.70 | 0.41 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 142.09 | 143.27 | 141.05 | 142.13 | 0.78 | ppb |
| Zirconium | 90-1 | 2.17 | 2.17 | 2.15 | 2.16 | 0.57 | ppb |
| Zirconium | 91-1 | 2.11 | 2.12 | 2.16 | 2.13 | 1.29 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2925 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:28:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 22182.65 | 21858.12 | 21795.49 | 21945.42 | 0.95 | ppb |
| Antimony | 121-1 | 0.55 | 0.57 | 0.57 | 0.56 | 2.32 | ppb |
| Arsenic | 75-2 | 15.28 | 15.31 | 15.42 | 15.34 | 0.45 | ppb |
| Barium | 135-1 | 230.18 | 231.48 | 231.79 | 231.15 | 0.37 | ppb |
| Barium | 137-1 | 231.60 | 233.92 | 233.86 | 233.13 | 0.57 | ppb |
| Beryllium | 9-1 | 1.28 | 1.42 | 1.34 | 1.35 | 5.43 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.59 | 1.71 | 1.65 | 1.65 | 3.35 | ppb |
| Cadmium | 106-1 | 2.63 | 2.06 | 2.25 | 2.31 | 12.60 | ppb |
| Cadmium | 111-1 | 0.85 | 0.84 | 0.85 | 0.85 | 0.78 | ppb |
| Calcium | 43-1 | 86819.80 | 87093.57 | 88521.60 | 87478.32 | 1.04 | ppb |
| Calcium | 44-1 | 85984.91 | 86774.02 | 88043.74 | 86934.22 | 1.19 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 46.34 | 45.86 | 45.71 | 45.97 | 0.71 | ppb |
| Cobalt | 59-2 | 29.06 | 28.62 | 28.59 | 28.76 | 0.91 | ppb |
| Copper | 63-2 | 53.65 | 54.08 | 53.42 | 53.72 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 55520.27 | 55145.06 | 55731.66 | 55465.66 | 0.54 | ppb |
| Iron | 57-2 | 55156.22 | 55292.03 | 54965.45 | 55137.90 | 0.30 | ppb |
| Iron | 54-2 | 55599.85 | 55729.33 | 55438.27 | 55589.15 | 0.26 | ppb |
| Krypton | 83-1 | | | | | | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2925 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:28:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 49.62 | 50.24 | 50.20 | 50.02 | 0.69 | ppb |
| Lead | 207-1 | 45.86 | 46.00 | 46.15 | 46.00 | 0.32 | ppb |
| Lead | 208-1 | 46.99 | 47.56 | 47.80 | 47.45 | 0.88 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 30651.85 | 30602.61 | 30841.45 | 30698.64 | 0.41 | ppb |
| Manganese | 55-2 | 1065.12 | 1054.43 | 1045.17 | 1054.91 | 0.95 | ppb |
| Molybdenum | 94-1 | 21.20 | 22.17 | 21.39 | 21.59 | 2.40 | ppb |
| Molybdenum | 95-1 | 3.89 | 3.96 | 3.94 | 3.93 | 0.82 | ppb |
| Molybdenum | 96-1 | 6.12 | 6.29 | 6.20 | 6.21 | 1.35 | ppb |
| Molybdenum | 97-1 | 3.87 | 4.05 | 4.01 | 3.98 | 2.33 | ppb |
| Molybdenum | 98-1 | 3.93 | 4.01 | 4.02 | 3.99 | 1.26 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 78.38 | 77.02 | 78.23 | 77.88 | 0.96 | ppb |
| Phosphorus | 31-2 | 912.06 | 873.24 | 873.92 | 886.40 | 2.51 | ppb |
| Potassium | 39-2 | 3161.52 | 3082.42 | 3105.54 | 3116.49 | 1.30 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 1.01 | 0.54 | 0.43 | 0.66 | 46.62 | ppb |
| Selenium | 77-2 | 9.23 | 10.67 | 8.33 | 9.41 | 12.53 | ppb |
| Selenium | 78-2 | 0.42 | 1.44 | 0.17 | 0.68 | 98.84 | ppb |
| Silicon | 28-1 | 314.48 | 321.70 | 324.86 | 320.34 | 1.66 | ppb |
| Silver | 107-1 | 0.14 | 0.15 | 0.14 | 0.14 | 3.37 | ppb |
| Silver | 109-1 | 0.12 | 0.12 | 0.14 | 0.13 | 6.87 | ppb |
| Sodium | 23-2 | 277.66 | 282.53 | 274.59 | 278.26 | 1.44 | ppb |
| Strontium | 86-1 | 2928.35 | 2983.47 | 2956.38 | 2956.07 | 0.93 | ppb |
| Strontium | 88-1 | 3030.08 | 3056.95 | 3029.55 | 3038.86 | 0.52 | ppb |
| Sulfur | 34-1 | 1272.60 | 1398.01 | 1512.21 | 1394.27 | 8.60 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.30 | 0.32 | 0.32 | 0.31 | 3.65 | ppb |
| Thallium | 205-1 | 0.31 | 0.30 | 0.32 | 0.31 | 2.72 | ppb |
| Tin | 118-1 | 1.48 | 1.50 | 1.53 | 1.50 | 1.84 | ppb |
| Titanium | 47-1 | 213.66 | 217.76 | 217.23 | 216.22 | 1.03 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2925 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:28:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.91 | 1.92 | 1.95 | 1.93 | 1.04 | ppb |
| Vanadium | 51-2 | 54.07 | 54.16 | 53.53 | 53.92 | 0.63 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 223.66 | 219.03 | 218.53 | 220.40 | 1.28 | ppb |
| Zirconium | 90-1 | 9.95 | 10.19 | 10.20 | 10.12 | 1.38 | ppb |
| Zirconium | 91-1 | 10.12 | 10.26 | 10.28 | 10.22 | 0.83 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:32:11 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9345.40 | 9320.10 | 9383.17 | 9349.55 | 0.34 | ppb |
| Antimony | 121-1 | 227.63 | 252.33 | 257.65 | 245.87 | 6.51 | ppb |
| Arsenic | 75-2 | 502.15 | 497.63 | 503.11 | 500.96 | 0.58 | ppb |
| Barium | 135-1 | 75.69 | 84.92 | 86.28 | 82.30 | 7.00 | ppb |
| Barium | 137-1 | 76.89 | 85.20 | 88.01 | 83.37 | 6.93 | ppb |
| Beryllium | 9-1 | 0.27 | 0.26 | 0.29 | 0.27 | 5.54 | ppb |
| Bismuth | 209-1 | | | | 116 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.25 | 1.69 | 1.70 | 1.55 | 16.79 | ppb |
| Cadmium | 106-1 | 1.01 | 1.59 | 1.70 | 1.43 | 25.65 | ppb |
| Cadmium | 111-1 | 0.81 | 0.91 | 0.92 | 0.88 | 6.64 | ppb |
| Calcium | 43-1 | 5180.98 | 5886.25 | 5866.88 | 5644.70 | 7.12 | ppb |
| Calcium | 44-1 | 5103.67 | 5768.81 | 5691.69 | 5521.39 | 6.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 32.82 | 32.69 | 32.80 | 32.77 | 0.22 | ppb |
| Cobalt | 59-2 | 40.81 | 40.35 | 40.84 | 40.67 | 0.67 | ppb |
| Copper | 63-2 | 193.71 | 191.64 | 194.11 | 193.15 | 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 | | | | 115 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 110 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 39667.96 | 39523.92 | 39785.08 | 39658.99 | 0.33 | ppb |
| Iron | 57-2 | 39328.56 | 39221.75 | 39182.83 | 39244.38 | 0.19 | ppb |
| Iron | 54-2 | 39983.18 | 39516.22 | 40165.10 | 39888.17 | 0.84 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:32:11 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 387.21 | 432.24 | 437.13 | 418.86 | 6.57 | ppb |
| Lead | 207-1 | 387.28 | 431.28 | 425.76 | 414.77 | 5.78 | ppb |
| Lead | 208-1 | 382.17 | 426.61 | 428.15 | 412.31 | 6.33 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 7563.48 | 7448.76 | 7449.25 | 7487.16 | 0.88 | ppb |
| Manganese | 55-2 | 1350.39 | 1338.60 | 1349.24 | 1346.08 | 0.48 | ppb |
| Molybdenum | 94-1 | 9.80 | 10.75 | 11.12 | 10.56 | 6.45 | ppb |
| Molybdenum | 95-1 | 7.03 | 7.79 | 8.04 | 7.62 | 6.93 | ppb |
| Molybdenum | 96-1 | 7.64 | 8.33 | 8.66 | 8.21 | 6.33 | ppb |
| Molybdenum | 97-1 | 7.02 | 7.92 | 8.29 | 7.74 | 8.46 | ppb |
| Molybdenum | 98-1 | 7.05 | 7.86 | 8.02 | 7.64 | 6.79 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 48.52 | 48.95 | 49.27 | 48.92 | 0.77 | ppb |
| Phosphorus | 31-2 | 1021.32 | 1017.00 | 1022.36 | 1020.22 | 0.28 | ppb |
| Potassium | 39-2 | 2145.23 | 2074.18 | 2117.22 | 2112.21 | 1.69 | ppb |
| Rhodium | 103-1 | | | | 107 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.34 | 0.44 | 0.54 | 0.44 | 22.77 | ppb |
| Selenium | 77-2 | 3.53 | 3.66 | 1.68 | 2.96 | 37.46 | ppb |
| Selenium | 78-2 | 0.98 | 0.34 | 1.09 | 0.81 | 50.18 | ppb |
| Silicon | 28-1 | 281.07 | 337.42 | 328.80 | 315.76 | 9.61 | ppb |
| Silver | 107-1 | 0.55 | 0.62 | 0.64 | 0.60 | 7.61 | ppb |
| Silver | 109-1 | 0.54 | 0.62 | 0.61 | 0.59 | 7.61 | ppb |
| Sodium | 23-2 | 7177.64 | 7061.54 | 7213.88 | 7151.02 | 1.11 | ppb |
| Strontium | 86-1 | 1218.20 | 1353.69 | 1386.14 | 1319.34 | 6.75 | ppb |
| Strontium | 88-1 | 1258.95 | 1411.97 | 1437.19 | 1369.37 | 7.04 | ppb |
| Sulfur | 34-1 | 804.79 | 1247.16 | 1161.95 | 1071.30 | 21.91 | ppb |
| Terbium | 159-1 | | | | 114 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.24 | 0.27 | 0.28 | 0.26 | 7.85 | ppb |
| Thallium | 205-1 | 0.25 | 0.29 | 0.28 | 0.27 | 7.60 | ppb |
| Tin | 118-1 | 36.62 | 41.10 | 41.78 | 39.83 | 7.03 | ppb |
| Titanium | 47-1 | 262.63 | 298.19 | 301.52 | 287.45 | 7.50 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:32:11 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.57 | 0.65 | 0.64 | 0.62 | 7.48 | ppb |
| Vanadium | 51-2 | 39.02 | 39.07 | 39.32 | 39.14 | 0.41 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 1710.93 | 1712.79 | 1765.53 | 1729.75 | 1.79 | ppb |
| Zirconium | 90-1 | 2.25 | 2.53 | 2.52 | 2.44 | 6.51 | ppb |
| Zirconium | 91-1 | 2.39 | 2.62 | 2.68 | 2.57 | 6.01 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:35:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17931.99 | 17902.68 | 17908.87 | 17914.51 | 0.09 | ppb |
| Antimony | 121-1 | 1425.15 | 1428.84 | 1435.25 | 1429.75 | 0.36 | ppb |
| Arsenic | 75-2 | 3093.73 | 3042.58 | 3101.02 | 3079.11 | 1.03 | ppb |
| Barium | 135-1 | 295.76 | 299.86 | 297.55 | 297.72 | 0.69 | ppb |
| Barium | 137-1 | 312.08 | 313.63 | 313.33 | 313.01 | 0.26 | ppb |
| Beryllium | 9-1 | 0.68 | 0.65 | 0.56 | 0.63 | 9.46 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 7.96 | 8.19 | 8.23 | 8.12 | 1.80 | ppb |
| Cadmium | 106-1 | 9.45 | 9.26 | 7.99 | 8.90 | 8.90 | ppb |
| Cadmium | 111-1 | 4.65 | 4.56 | 4.73 | 4.65 | 1.76 | ppb |
| Calcium | 43-1 | 19423.65 | 19457.40 | 19527.94 | 19469.67 | 0.27 | ppb |
| Calcium | 44-1 | 18826.73 | 18906.25 | 18637.71 | 18790.23 | 0.73 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 54.31 | 54.25 | 54.12 | 54.23 | 0.19 | ppb |
| Cobalt | 59-2 | 137.42 | 136.63 | 137.87 | 137.31 | 0.46 | ppb |
| Copper | 63-2 | 1125.26 | 1114.63 | 1139.23 | 1126.37 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 118 | | % |
| Indium | 115-2 | | | | 113 | | % |
| Iron | 56-2 | 109540.68 | 109112.61 | 109928.55 | 109527.28 | 0.37 | ppb |
| Iron | 57-2 | 108534.76 | 108235.29 | 107813.44 | 108194.50 | 0.33 | ppb |
| Iron | 54-2 | 109929.04 | 109576.91 | 110573.74 | 110026.56 | 0.46 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:35:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2296.28 | 2320.43 | 2325.00 | 2313.90 | 0.67 | ppb |
| Lead | 207-1 | 2252.47 | 2290.03 | 2293.66 | 2278.72 | 1.00 | ppb |
| Lead | 208-1 | 2270.96 | 2290.20 | 2293.56 | 2284.91 | 0.53 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 10837.29 | 10725.02 | 10789.01 | 10783.77 | 0.52 | ppb |
| Manganese | 55-2 | 1337.44 | 1328.98 | 1350.11 | 1338.84 | 0.79 | ppb |
| Molybdenum | 94-1 | 46.26 | 46.47 | 45.51 | 46.08 | 1.10 | ppb |
| Molybdenum | 95-1 | 39.16 | 39.69 | 38.62 | 39.16 | 1.37 | ppb |
| Molybdenum | 96-1 | 40.77 | 40.91 | 39.97 | 40.55 | 1.24 | ppb |
| Molybdenum | 97-1 | 39.63 | 39.82 | 38.81 | 39.42 | 1.36 | ppb |
| Molybdenum | 98-1 | 39.31 | 39.64 | 38.90 | 39.28 | 0.93 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 74.40 | 74.67 | 75.58 | 74.88 | 0.82 | ppb |
| Phosphorus | 31-2 | 1253.78 | 1223.85 | 1234.45 | 1237.36 | 1.23 | ppb |
| Potassium | 39-2 | 4848.66 | 4800.43 | 4767.39 | 4805.49 | 0.85 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 2.93 | 2.34 | 2.74 | 2.67 | 11.23 | ppb |
| Selenium | 77-2 | 4.92 | 6.60 | 7.69 | 6.40 | 21.79 | ppb |
| Selenium | 78-2 | 3.02 | 2.04 | 2.76 | 2.61 | 19.55 | ppb |
| Silicon | 28-1 | 1054.96 | 1042.53 | 1058.41 | 1051.97 | 0.79 | ppb |
| Silver | 107-1 | 3.96 | 4.04 | 4.03 | 4.01 | 1.09 | ppb |
| Silver | 109-1 | 3.96 | 4.06 | 4.04 | 4.02 | 1.37 | ppb |
| Sodium | 23-2 | 14143.86 | 13971.43 | 14186.13 | 14100.47 | 0.81 | ppb |
| Strontium | 86-1 | 3243.13 | 3283.17 | 3176.74 | 3234.35 | 1.66 | ppb |
| Strontium | 88-1 | 3342.61 | 3310.13 | 3272.60 | 3308.45 | 1.06 | ppb |
| Sulfur | 34-1 | 2841.89 | 2736.84 | 2827.91 | 2802.22 | 2.04 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 1.09 | 1.12 | 1.10 | 1.10 | 1.55 | ppb |
| Thallium | 205-1 | 1.10 | 1.13 | 1.11 | 1.11 | 1.55 | ppb |
| Tin | 118-1 | 328.77 | 329.25 | 327.82 | 328.61 | 0.22 | ppb |
| Titanium | 47-1 | 594.87 | 596.03 | 601.63 | 597.51 | 0.60 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:35:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.11 | 3.15 | 3.11 | 3.13 | 0.81 | ppb |
| Vanadium | 51-2 | 63.87 | 63.70 | 63.49 | 63.69 | 0.30 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 9282.19 | 9170.65 | 9286.80 | 9246.55 | 0.71 | ppb |
| Zirconium | 90-1 | 7.47 | 7.47 | 7.43 | 7.45 | 0.34 | ppb |
| Zirconium | 91-1 | 8.05 | 8.25 | 8.16 | 8.16 | 1.24 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:38:19 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8520.27 | 8797.67 | 8734.24 | 8684.06 | 1.67 | ppb |
| Antimony | 121-1 | 132.75 | 133.60 | 133.34 | 133.23 | 0.33 | ppb |
| Arsenic | 75-2 | 435.51 | 452.82 | 434.34 | 440.89 | 2.35 | ppb |
| Barium | 135-1 | 510.43 | 517.35 | 504.06 | 510.62 | 1.30 | ppb |
| Barium | 137-1 | 512.29 | 515.53 | 514.01 | 513.94 | 0.32 | ppb |
| Beryllium | 9-1 | 10.11 | 9.95 | 10.27 | 10.11 | 1.61 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 96.50 | 96.78 | 95.02 | 96.10 | 0.98 | ppb |
| Cadmium | 106-1 | 94.02 | 94.48 | 94.83 | 94.44 | 0.43 | ppb |
| Cadmium | 111-1 | 100.59 | 99.57 | 99.58 | 99.91 | 0.59 | ppb |
| Calcium | 43-1 | 28191.39 | 28510.46 | 28477.72 | 28393.19 | 0.62 | ppb |
| Calcium | 44-1 | 27713.98 | 27911.38 | 27714.09 | 27779.81 | 0.41 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 68.66 | 71.86 | 69.48 | 70.00 | 2.38 | ppb |
| Cobalt | 59-2 | 136.49 | 142.42 | 139.00 | 139.30 | 2.14 | ppb |
| Copper | 63-2 | 565.58 | 591.39 | 571.94 | 576.30 | 2.33 | 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 | | | | 109 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 32583.92 | 34306.01 | 33223.84 | 33371.26 | 2.61 | ppb |
| Iron | 57-2 | 31991.34 | 33937.12 | 32958.20 | 32962.22 | 2.95 | ppb |
| Iron | 54-2 | 32514.90 | 34346.62 | 33288.45 | 33383.32 | 2.75 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:38:19 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 533.81 | 537.76 | 541.15 | 537.57 | 0.68 | ppb |
| Lead | 207-1 | 518.49 | 524.08 | 515.54 | 519.37 | 0.84 | ppb |
| Lead | 208-1 | 522.94 | 525.80 | 522.80 | 523.85 | 0.32 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 5529.44 | 5750.49 | 5560.26 | 5613.40 | 2.13 | ppb |
| Manganese | 55-2 | 380.96 | 399.21 | 385.38 | 388.51 | 2.45 | ppb |
| Molybdenum | 94-1 | 12.74 | 12.65 | 12.60 | 12.66 | 0.58 | ppb |
| Molybdenum | 95-1 | 8.41 | 8.61 | 8.42 | 8.48 | 1.35 | ppb |
| Molybdenum | 96-1 | 9.07 | 9.15 | 9.26 | 9.16 | 1.06 | ppb |
| Molybdenum | 97-1 | 8.48 | 8.53 | 8.56 | 8.53 | 0.48 | ppb |
| Molybdenum | 98-1 | 8.49 | 8.59 | 8.69 | 8.59 | 1.18 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 127.19 | 133.40 | 130.10 | 130.23 | 2.39 | ppb |
| Phosphorus | 31-2 | 877.13 | 939.31 | 933.73 | 916.72 | 3.75 | ppb |
| Potassium | 39-2 | 2143.24 | 2237.91 | 2179.38 | 2186.84 | 2.18 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 229.66 | 227.73 | 230.35 | 229.25 | 0.59 | ppb |
| Selenium | 77-2 | 239.12 | 242.07 | 236.59 | 239.26 | 1.15 | ppb |
| Selenium | 78-2 | 232.06 | 243.19 | 238.47 | 237.91 | 2.35 | ppb |
| Silicon | 28-1 | 560.29 | 303.90 | 341.00 | 401.73 | 34.49 | ppb |
| Silver | 107-1 | 11.64 | 11.62 | 11.48 | 11.58 | 0.72 | ppb |
| Silver | 109-1 | 11.54 | 11.58 | 11.45 | 11.52 | 0.58 | ppb |
| Sodium | 23-2 | 11922.07 | 12455.87 | 12108.93 | 12162.29 | 2.23 | ppb |
| Strontium | 86-1 | 5123.76 | 5154.81 | 5161.31 | 5146.63 | 0.39 | ppb |
| Strontium | 88-1 | 5203.31 | 5290.94 | 5293.94 | 5262.73 | 0.98 | ppb |
| Sulfur | 34-1 | 3627.60 | 3724.69 | 3762.77 | 3705.02 | 1.88 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 179.56 | 181.36 | 184.53 | 181.82 | 1.38 | ppb |
| Thallium | 205-1 | 175.94 | 181.83 | 184.17 | 180.65 | 2.35 | ppb |
| Tin | 118-1 | 37.56 | 37.52 | 37.35 | 37.48 | 0.30 | ppb |
| Titanium | 47-1 | 502.30 | 512.09 | 508.57 | 507.65 | 0.98 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:38:19 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.31 | 1.32 | 1.34 | 1.32 | 0.92 | ppb |
| Vanadium | 51-2 | 138.15 | 144.96 | 142.17 | 141.76 | 2.41 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 1845.19 | 1949.33 | 1910.06 | 1901.53 | 2.77 | ppb |
| Zirconium | 90-1 | 3.02 | 3.07 | 3.00 | 3.03 | 1.14 | ppb |
| Zirconium | 91-1 | 3.09 | 3.17 | 3.13 | 3.13 | 1.38 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:41:20 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14125.39 | 13892.07 | 14207.27 | 14074.91 | 1.16 | ppb |
| Antimony | 121-1 | 710.08 | 732.38 | 718.66 | 720.37 | 1.56 | ppb |
| Arsenic | 75-2 | 1787.63 | 1811.44 | 1816.70 | 1805.26 | 0.86 | ppb |
| Barium | 135-1 | 314.41 | 329.01 | 321.86 | 321.76 | 2.27 | ppb |
| Barium | 137-1 | 331.38 | 342.10 | 333.28 | 335.58 | 1.70 | ppb |
| Beryllium | 9-1 | 0.56 | 0.64 | 0.65 | 0.62 | 7.82 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.81 | 6.14 | 5.60 | 5.85 | 4.61 | ppb |
| Cadmium | 106-1 | 7.73 | 7.80 | 6.36 | 7.30 | 11.14 | ppb |
| Cadmium | 111-1 | 2.55 | 2.67 | 2.60 | 2.61 | 2.31 | ppb |
| Calcium | 43-1 | 42828.80 | 44566.43 | 43897.60 | 43764.28 | 2.00 | ppb |
| Calcium | 44-1 | 43044.85 | 44284.42 | 43606.99 | 43645.42 | 1.42 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 39.40 | 39.46 | 39.31 | 39.39 | 0.19 | ppb |
| Cobalt | 59-2 | 157.43 | 155.65 | 158.38 | 157.15 | 0.88 | ppb |
| Copper | 63-2 | 953.50 | 947.25 | 948.85 | 949.87 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 115 | | % |
| Indium | 115-2 | | | | 109 | | % |
| Iron | 56-2 | 106860.97 | 106004.34 | 106346.04 | 106403.78 | 0.41 | ppb |
| Iron | 57-2 | 104812.97 | 104862.21 | 105696.77 | 105123.98 | 0.47 | ppb |
| Iron | 54-2 | 107227.03 | 106690.23 | 107315.64 | 107077.63 | 0.32 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:41:20 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1582.07 | 1620.14 | 1614.34 | 1605.52 | 1.28 | ppb |
| Lead | 207-1 | 1557.55 | 1577.73 | 1599.30 | 1578.19 | 1.32 | ppb |
| Lead | 208-1 | 1562.71 | 1585.97 | 1598.52 | 1582.40 | 1.15 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 9025.80 | 9050.41 | 9068.32 | 9048.17 | 0.24 | ppb |
| Manganese | 55-2 | 795.67 | 796.09 | 798.91 | 796.89 | 0.22 | ppb |
| Molybdenum | 94-1 | 40.48 | 41.65 | 41.02 | 41.05 | 1.42 | ppb |
| Molybdenum | 95-1 | 21.93 | 22.71 | 22.28 | 22.31 | 1.75 | ppb |
| Molybdenum | 96-1 | 24.76 | 25.60 | 25.15 | 25.17 | 1.67 | ppb |
| Molybdenum | 97-1 | 22.05 | 22.62 | 22.87 | 22.52 | 1.87 | ppb |
| Molybdenum | 98-1 | 22.13 | 22.89 | 22.78 | 22.60 | 1.82 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 41.70 | 41.77 | 42.00 | 41.82 | 0.37 | ppb |
| Phosphorus | 31-2 | 1805.93 | 1772.44 | 1800.42 | 1792.93 | 1.00 | ppb |
| Potassium | 39-2 | 4450.52 | 4405.74 | 4462.66 | 4439.64 | 0.68 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 1.98 | 2.22 | 1.97 | 2.06 | 6.90 | ppb |
| Selenium | 77-2 | 7.16 | 5.95 | 6.55 | 6.55 | 9.21 | ppb |
| Selenium | 78-2 | 0.57 | 1.78 | 0.61 | 0.99 | 69.85 | ppb |
| Silicon | 28-1 | 563.44 | 562.16 | 572.68 | 566.10 | 1.01 | ppb |
| Silver | 107-1 | 2.70 | 2.82 | 2.78 | 2.77 | 2.34 | ppb |
| Silver | 109-1 | 2.68 | 2.76 | 2.63 | 2.69 | 2.43 | ppb |
| Sodium | 23-2 | 12242.02 | 12103.91 | 12235.66 | 12193.86 | 0.64 | ppb |
| Strontium | 86-1 | 9897.43 | 10080.34 | 9765.08 | 9914.28 | 1.60 | ppb |
| Strontium | 88-1 | 9780.94 | 9991.86 | 9888.20 | 9887.00 | 1.07 | ppb |
| Sulfur | 34-1 | 2162.66 | 2350.77 | 2295.67 | 2269.70 | 4.26 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.66 | 0.66 | 0.64 | 0.65 | 1.65 | ppb |
| Thallium | 205-1 | 0.68 | 0.67 | 0.67 | 0.67 | 1.03 | ppb |
| Tin | 118-1 | 204.88 | 214.20 | 204.98 | 208.02 | 2.58 | ppb |
| Titanium | 47-1 | 625.48 | 646.78 | 639.51 | 637.26 | 1.70 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:41:20 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.91 | 1.96 | 1.98 | 1.95 | 1.85 | ppb |
| Vanadium | 51-2 | 55.80 | 55.24 | 55.68 | 55.57 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 7432.83 | 7349.17 | 7477.02 | 7419.67 | 0.88 | ppb |
| Zirconium | 90-1 | 12.11 | 12.42 | 12.30 | 12.28 | 1.26 | ppb |
| Zirconium | 91-1 | 12.28 | 12.82 | 12.85 | 12.65 | 2.53 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:44:18 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17297.38 | 17498.22 | 16964.88 | 17253.49 | 1.56 | ppb |
| Antimony | 121-1 | 1081.99 | 1056.35 | 1095.04 | 1077.79 | 1.83 | ppb |
| Arsenic | 75-2 | 2930.76 | 3014.76 | 2920.30 | 2955.28 | 1.75 | ppb |
| Barium | 135-1 | 211.43 | 211.24 | 216.74 | 213.14 | 1.47 | ppb |
| Barium | 137-1 | 215.31 | 213.86 | 218.00 | 215.72 | 0.97 | ppb |
| Beryllium | 9-1 | 0.65 | 0.66 | 0.73 | 0.68 | 6.64 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.27 | 6.34 | 6.78 | 6.47 | 4.29 | ppb |
| Cadmium | 106-1 | 7.61 | 6.63 | 7.07 | 7.10 | 6.86 | ppb |
| Cadmium | 111-1 | 3.67 | 3.58 | 3.95 | 3.74 | 5.12 | ppb |
| Calcium | 43-1 | 16731.46 | 16793.79 | 16883.93 | 16803.06 | 0.46 | ppb |
| Calcium | 44-1 | 16238.37 | 16175.72 | 16315.34 | 16243.14 | 0.43 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 55.13 | 55.48 | 55.13 | 55.25 | 0.37 | ppb |
| Cobalt | 59-2 | 201.09 | 200.98 | 200.18 | 200.75 | 0.25 | ppb |
| Copper | 63-2 | 1196.54 | 1191.17 | 1193.44 | 1193.72 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 119 | | % |
| Indium | 115-2 | | | | 113 | | % |
| Iron | 56-2 | 101691.48 | 102616.40 | 100804.36 | 101704.08 | 0.89 | ppb |
| Iron | 57-2 | 100985.59 | 101421.90 | 99377.29 | 100594.93 | 1.07 | ppb |
| Iron | 54-2 | 101381.45 | 102125.92 | 101615.35 | 101707.57 | 0.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:44:18 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1959.62 | 1990.32 | 1986.52 | 1978.82 | 0.85 | ppb |
| Lead | 207-1 | 1943.40 | 1956.46 | 1961.56 | 1953.80 | 0.48 | ppb |
| Lead | 208-1 | 1938.98 | 1958.36 | 1963.11 | 1953.48 | 0.65 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 10126.92 | 10173.97 | 10055.79 | 10118.89 | 0.59 | ppb |
| Manganese | 55-2 | 839.84 | 848.75 | 831.51 | 840.03 | 1.03 | ppb |
| Molybdenum | 94-1 | 50.56 | 50.38 | 51.03 | 50.66 | 0.66 | ppb |
| Molybdenum | 95-1 | 47.88 | 48.10 | 48.57 | 48.18 | 0.73 | ppb |
| Molybdenum | 96-1 | 48.51 | 49.70 | 49.35 | 49.19 | 1.24 | ppb |
| Molybdenum | 97-1 | 48.26 | 48.30 | 48.91 | 48.49 | 0.75 | ppb |
| Molybdenum | 98-1 | 48.13 | 48.33 | 48.82 | 48.43 | 0.73 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 71.65 | 71.47 | 70.77 | 71.30 | 0.65 | ppb |
| Phosphorus | 31-2 | 1097.91 | 1069.74 | 1085.56 | 1084.40 | 1.30 | ppb |
| Potassium | 39-2 | 5085.50 | 5106.50 | 5067.31 | 5086.44 | 0.39 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 2.93 | 2.62 | 2.67 | 2.74 | 5.98 | ppb |
| Selenium | 77-2 | 5.90 | 6.10 | 5.20 | 5.74 | 8.23 | ppb |
| Selenium | 78-2 | 2.47 | 2.42 | 2.54 | 2.48 | 2.50 | ppb |
| Silicon | 28-1 | 547.15 | 563.95 | 580.30 | 563.80 | 2.94 | ppb |
| Silver | 107-1 | 3.29 | 3.24 | 3.38 | 3.30 | 2.23 | ppb |
| Silver | 109-1 | 3.22 | 3.20 | 3.32 | 3.25 | 1.99 | ppb |
| Sodium | 23-2 | 14540.41 | 14732.52 | 14438.03 | 14570.32 | 1.03 | ppb |
| Strontium | 86-1 | 2601.34 | 2649.18 | 2687.51 | 2646.01 | 1.63 | ppb |
| Strontium | 88-1 | 2702.00 | 2732.40 | 2730.39 | 2721.60 | 0.62 | ppb |
| Sulfur | 34-1 | 2557.79 | 2583.34 | 2516.64 | 2552.59 | 1.32 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 1.29 | 1.35 | 1.32 | 1.32 | 2.38 | ppb |
| Thallium | 205-1 | 1.31 | 1.30 | 1.32 | 1.31 | 0.58 | ppb |
| Tin | 118-1 | 367.12 | 365.62 | 376.96 | 369.90 | 1.66 | ppb |
| Titanium | 47-1 | 551.98 | 554.61 | 557.23 | 554.61 | 0.47 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:44:18 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.20 | 3.16 | 3.16 | 3.18 | 0.76 | ppb |
| Vanadium | 51-2 | 61.58 | 62.11 | 61.19 | 61.62 | 0.75 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 6743.47 | 6707.91 | 6655.32 | 6702.23 | 0.66 | ppb |
| Zirconium | 90-1 | 5.87 | 5.88 | 6.02 | 5.92 | 1.41 | ppb |
| Zirconium | 91-1 | 6.33 | 6.47 | 6.78 | 6.53 | 3.54 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:47:17 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 28378.69 | 28495.32 | 28708.72 | 28527.57 | 0.59 | ppb |
| Antimony | 121-1 | 7535.54 | 8744.99 | 9066.86 | 8449.13 | 9.56 | ppb |
| Arsenic | 75-2 | 15197.25 | 14974.98 | 15065.12 | 15079.12 | 0.74 | ppb |
| Barium | 135-1 | 924.49 | 1071.29 | 1124.89 | 1040.22 | 9.97 | ppb |
| Barium | 137-1 | 929.50 | 1084.51 | 1113.73 | 1042.58 | 9.50 | ppb |
| Beryllium | 9-1 | 1.75 | 1.97 | 2.08 | 1.93 | 8.49 | ppb |
| Bismuth | 209-1 | | | | 126 | | % |
| Bismuth | 209-2 | | | | 116 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 35.05 | 41.56 | 43.01 | 39.87 | 10.63 | ppb |
| Cadmium | 106-1 | 34.87 | 42.02 | 44.66 | 40.52 | 12.50 | ppb |
| Cadmium | 111-1 | 22.16 | 25.75 | 26.60 | 24.84 | 9.50 | ppb |
| Calcium | 43-1 | 37218.46 | 43771.98 | 44353.49 | 41781.31 | 9.48 | ppb |
| Calcium | 44-1 | 37207.71 | 42808.07 | 43680.81 | 41232.20 | 8.52 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 95.67 | 96.28 | 95.98 | 95.98 | 0.31 | ppb |
| Cobalt | 59-2 | 341.83 | 339.29 | 341.87 | 341.00 | 0.43 | ppb |
| Copper | 63-2 | 6157.80 | 6234.87 | 6193.69 | 6195.45 | 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 | | | | 116 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 172 | | % |
| Indium | 115-2 | | | | 162 | | % |
| Iron | 56-2 | 316280.37 | 318449.74 | 315490.05 | 316740.05 | 0.48 | ppb |
| Iron | 57-2 | 313374.74 | 313695.10 | 314267.25 | 313779.03 | 0.14 | ppb |
| Iron | 54-2 | 316908.41 | 318624.89 | 317106.61 | 317546.64 | 0.30 | 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 : | P5363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:47:17 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 12678.27 | 14151.19 | 14540.35 | 13789.93 | 7.12 | ppb |
| Lead | 207-1 | 12516.39 | 13863.83 | 14368.15 | 13582.79 | 7.05 | ppb |
| Lead | 208-1 | 12530.05 | 13942.60 | 14446.51 | 13639.72 | 7.28 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 8855.95 | 8952.99 | 9046.50 | 8951.81 | 1.06 | ppb |
| Manganese | 55-2 | 2009.61 | 2001.42 | 2003.03 | 2004.69 | 0.22 | ppb |
| Molybdenum | 94-1 | 159.78 | 187.38 | 190.70 | 179.29 | 9.47 | ppb |
| Molybdenum | 95-1 | 161.58 | 192.21 | 192.43 | 182.07 | 9.75 | ppb |
| Molybdenum | 96-1 | 168.91 | 197.63 | 198.48 | 188.34 | 8.94 | ppb |
| Molybdenum | 97-1 | 162.69 | 193.07 | 194.59 | 183.45 | 9.81 | ppb |
| Molybdenum | 98-1 | 165.01 | 195.48 | 196.38 | 185.62 | 9.62 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 230.17 | 232.83 | 231.64 | 231.55 | 0.57 | ppb |
| Phosphorus | 31-2 | 693.01 | 652.29 | 695.13 | 680.14 | 3.55 | ppb |
| Potassium | 39-2 | 11441.20 | 11572.94 | 11519.90 | 11511.34 | 0.58 | ppb |
| Rhodium | 103-1 | | | | 108 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 109 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 9.45 | 11.31 | 11.17 | 10.64 | 9.70 | ppb |
| Selenium | 77-2 | 13.68 | 14.48 | 15.04 | 14.40 | 4.72 | ppb |
| Selenium | 78-2 | 12.32 | 11.73 | 12.45 | 12.16 | 3.16 | ppb |
| Silicon | 28-1 | 2023.07 | 2363.69 | 2405.91 | 2264.22 | 9.27 | ppb |
| Silver | 107-1 | 20.16 | 23.71 | 24.45 | 22.77 | 10.07 | ppb |
| Silver | 109-1 | 20.07 | 23.30 | 24.31 | 22.56 | 9.82 | ppb |
| Sodium | 23-2 | 15147.31 | 15205.78 | 15325.92 | 15226.34 | 0.60 | ppb |
| Strontium | 86-1 | 4695.53 | 5565.73 | 5603.36 | 5288.21 | 9.71 | ppb |
| Strontium | 88-1 | 4853.45 | 5630.53 | 5684.24 | 5389.41 | 8.63 | ppb |
| Sulfur | 34-1 | 3569.99 | 4648.43 | 4786.93 | 4335.12 | 15.37 | ppb |
| Terbium | 159-1 | | | | 115 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 4.87 | 5.52 | 5.76 | 5.38 | 8.61 | ppb |
| Thallium | 205-1 | 4.93 | 5.56 | 5.67 | 5.39 | 7.47 | ppb |
| Tin | 118-1 | 1806.68 | 2104.47 | 2202.74 | 2037.96 | 10.12 | ppb |
| Titanium | 47-1 | 725.15 | 840.53 | 848.95 | 804.87 | 8.59 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:47:17 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6.02 | 6.80 | 7.04 | 6.62 | 8.01 | ppb |
| Vanadium | 51-2 | 83.07 | 83.66 | 83.37 | 83.37 | 0.35 | ppb |
| Yttrium | 89-1 | | | | 115 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 40097.99 | 40459.46 | 40267.82 | 40275.09 | 0.45 | ppb |
| Zirconium | 90-1 | 13.77 | 16.36 | 16.65 | 15.59 | 10.16 | ppb |
| Zirconium | 91-1 | 16.31 | 19.16 | 19.55 | 18.34 | 9.64 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:50:10 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 30273.90 | 29934.42 | 29824.52 | 30010.94 | 0.78 | ppb |
| Antimony | 121-1 | 4004.03 | 4062.59 | 4050.66 | 4039.09 | 0.77 | ppb |
| Arsenic | 75-2 | 10534.39 | 10541.95 | 10382.32 | 10486.22 | 0.86 | ppb |
| Barium | 135-1 | 851.13 | 871.65 | 859.96 | 860.91 | 1.20 | ppb |
| Barium | 137-1 | 855.44 | 860.74 | 858.86 | 858.35 | 0.31 | ppb |
| Beryllium | 9-1 | 1.82 | 1.86 | 1.82 | 1.84 | 1.29 | ppb |
| Bismuth | 209-1 | | | | 116 | | % |
| Bismuth | 209-2 | | | | 111 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 19.01 | 19.53 | 19.05 | 19.20 | 1.52 | ppb |
| Cadmium | 106-1 | 21.09 | 20.40 | 20.05 | 20.51 | 2.57 | ppb |
| Cadmium | 111-1 | 8.91 | 8.65 | 8.83 | 8.80 | 1.49 | ppb |
| Calcium | 43-1 | 66644.90 | 66848.44 | 66669.89 | 66721.08 | 0.17 | ppb |
| Calcium | 44-1 | 65885.32 | 66151.41 | 66233.19 | 66089.98 | 0.28 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 53.03 | 52.91 | 52.64 | 52.86 | 0.38 | ppb |
| Cobalt | 59-2 | 972.47 | 983.88 | 980.11 | 978.82 | 0.59 | ppb |
| Copper | 63-2 | 4345.70 | 4387.66 | 4349.02 | 4360.79 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 171 | | % |
| Indium | 115-2 | | | | 161 | | % |
| Iron | 56-2 | 311651.05 | 315643.02 | 315985.79 | 314426.62 | 0.77 | ppb |
| Iron | 57-2 | 311668.62 | 313108.01 | 313026.27 | 312600.97 | 0.26 | ppb |
| Iron | 54-2 | 316842.25 | 316851.30 | 316312.20 | 316668.58 | 0.10 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:50:10 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5865.39 | 6047.71 | 6121.51 | 6011.54 | 2.19 | ppb |
| Lead | 207-1 | 5847.70 | 6028.53 | 6116.29 | 5997.51 | 2.28 | ppb |
| Lead | 208-1 | 5881.36 | 6018.29 | 6093.14 | 5997.60 | 1.79 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 9595.65 | 9648.42 | 9543.67 | 9595.92 | 0.55 | ppb |
| Manganese | 55-2 | 2044.53 | 2032.30 | 2041.25 | 2039.36 | 0.31 | ppb |
| Molybdenum | 94-1 | 120.59 | 120.09 | 121.77 | 120.82 | 0.71 | ppb |
| Molybdenum | 95-1 | 97.20 | 97.71 | 98.34 | 97.75 | 0.58 | ppb |
| Molybdenum | 96-1 | 101.63 | 101.77 | 102.29 | 101.90 | 0.34 | ppb |
| Molybdenum | 97-1 | 98.57 | 97.80 | 99.24 | 98.54 | 0.73 | ppb |
| Molybdenum | 98-1 | 98.08 | 97.71 | 98.94 | 98.24 | 0.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 99.47 | 99.38 | 98.04 | 98.96 | 0.81 | ppb |
| Phosphorus | 31-2 | 700.90 | 714.17 | 700.45 | 705.17 | 1.11 | ppb |
| Potassium | 39-2 | 13284.37 | 13453.67 | 13437.83 | 13391.96 | 0.70 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 105 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 7.21 | 6.68 | 7.34 | 7.08 | 4.99 | ppb |
| Selenium | 77-2 | 11.58 | 7.52 | 8.36 | 9.15 | 23.40 | ppb |
| Selenium | 78-2 | 7.60 | 7.51 | 7.35 | 7.49 | 1.67 | ppb |
| Silicon | 28-1 | 4231.22 | 4348.43 | 4329.19 | 4302.95 | 1.46 | ppb |
| Silver | 107-1 | 11.94 | 12.01 | 12.00 | 11.98 | 0.32 | ppb |
| Silver | 109-1 | 11.66 | 11.97 | 11.84 | 11.82 | 1.30 | ppb |
| Sodium | 23-2 | 16742.26 | 16974.68 | 16748.39 | 16821.78 | 0.79 | ppb |
| Strontium | 86-1 | 6948.44 | 6914.58 | 6987.11 | 6950.04 | 0.52 | ppb |
| Strontium | 88-1 | 7129.60 | 7114.67 | 7226.01 | 7156.76 | 0.84 | ppb |
| Sulfur | 34-1 | 5624.74 | 5704.81 | 5712.84 | 5680.80 | 0.86 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 2.67 | 2.75 | 2.84 | 2.76 | 3.05 | ppb |
| Thallium | 205-1 | 2.66 | 2.74 | 2.81 | 2.74 | 2.82 | ppb |
| Tin | 118-1 | 1114.47 | 1112.12 | 1119.36 | 1115.32 | 0.33 | ppb |
| Titanium | 47-1 | 1036.55 | 1052.92 | 1056.52 | 1048.66 | 1.02 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:50:10 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4.68 | 4.81 | 4.98 | 4.82 | 3.20 | ppb |
| Vanadium | 51-2 | 80.62 | 81.11 | 80.29 | 80.67 | 0.51 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 23463.03 | 23691.68 | 23593.58 | 23582.76 | 0.49 | ppb |
| Zirconium | 90-1 | 22.04 | 22.01 | 22.39 | 22.15 | 0.95 | ppb |
| Zirconium | 91-1 | 24.01 | 24.24 | 24.84 | 24.36 | 1.75 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:53:07 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5176.90 | 5282.36 | 5183.27 | 5214.18 | 1.13 | ppb |
| Antimony | 121-1 | 3.88 | 3.61 | 3.55 | 3.68 | 4.68 | ppb |
| Arsenic | 75-2 | 10.58 | 10.49 | 10.87 | 10.65 | 1.89 | ppb |
| Barium | 135-1 | 13.86 | 14.94 | 14.68 | 14.49 | 3.89 | ppb |
| Barium | 137-1 | 14.01 | 15.02 | 14.80 | 14.61 | 3.63 | ppb |
| Beryllium | 9-1 | 0.16 | 0.14 | 0.16 | 0.15 | 8.22 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.31 | 0.41 | 0.28 | 0.33 | 20.35 | ppb |
| Cadmium | 106-1 | 0.28 | -0.67 | -0.98 | -0.46 | | ppb |
| Cadmium | 111-1 | 0.18 | 0.21 | 0.19 | 0.19 | 7.40 | ppb |
| Calcium | 43-1 | 5899.49 | 6309.31 | 6290.46 | 6166.42 | 3.75 | ppb |
| Calcium | 44-1 | 5724.65 | 6175.88 | 6049.85 | 5983.46 | 3.89 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 15.70 | 15.65 | 15.75 | 15.70 | 0.34 | ppb |
| Cobalt | 59-2 | 5.89 | 5.83 | 5.83 | 5.85 | 0.60 | ppb |
| Copper | 63-2 | 61.68 | 62.00 | 61.93 | 61.87 | 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 | | | | 113 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 109 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 10289.54 | 10240.27 | 10333.15 | 10287.66 | 0.45 | ppb |
| Iron | 57-2 | 10200.89 | 10235.00 | 10242.58 | 10226.15 | 0.22 | ppb |
| Iron | 54-2 | 10393.24 | 10360.52 | 10314.51 | 10356.09 | 0.38 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:53:07 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 34.50 | 36.41 | 36.28 | 35.73 | 2.99 | ppb |
| Lead | 207-1 | 33.17 | 34.75 | 35.35 | 34.42 | 3.27 | ppb |
| Lead | 208-1 | 33.47 | 35.46 | 35.41 | 34.78 | 3.27 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 4590.37 | 4576.10 | 4606.26 | 4590.91 | 0.33 | ppb |
| Manganese | 55-2 | 134.61 | 135.23 | 135.25 | 135.03 | 0.27 | ppb |
| Molybdenum | 94-1 | 2.10 | 2.23 | 2.26 | 2.20 | 3.79 | ppb |
| Molybdenum | 95-1 | 0.62 | 0.65 | 0.62 | 0.63 | 2.94 | ppb |
| Molybdenum | 96-1 | 0.84 | 0.86 | 0.90 | 0.87 | 3.28 | ppb |
| Molybdenum | 97-1 | 0.61 | 0.62 | 0.61 | 0.61 | 0.80 | ppb |
| Molybdenum | 98-1 | 0.63 | 0.63 | 0.67 | 0.64 | 3.59 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.49 | 18.28 | 18.61 | 18.46 | 0.88 | ppb |
| Phosphorus | 31-2 | 616.60 | 654.96 | 632.63 | 634.73 | 3.03 | ppb |
| Potassium | 39-2 | 1431.93 | 1427.63 | 1428.79 | 1429.45 | 0.16 | ppb |
| Rhodium | 103-1 | | | | 107 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.66 | 0.74 | 0.70 | 0.70 | 5.65 | ppb |
| Selenium | 77-2 | 2.40 | 3.04 | 2.46 | 2.63 | 13.36 | ppb |
| Selenium | 78-2 | 0.36 | 0.40 | -0.49 | 0.09 | 559.89 | ppb |
| Silicon | 28-1 | 150.96 | 156.19 | 149.28 | 152.15 | 2.37 | ppb |
| Silver | 107-1 | 0.34 | 0.31 | 0.30 | 0.32 | 7.53 | ppb |
| Silver | 109-1 | 0.34 | 0.32 | 0.30 | 0.32 | 6.50 | ppb |
| Sodium | 23-2 | 10292.52 | 10228.89 | 10274.93 | 10265.45 | 0.32 | ppb |
| Strontium | 86-1 | 1438.45 | 1506.80 | 1547.18 | 1497.48 | 3.67 | ppb |
| Strontium | 88-1 | 1497.25 | 1561.11 | 1580.11 | 1546.16 | 2.81 | ppb |
| Sulfur | 34-1 | 1512.32 | 1914.75 | 1918.34 | 1781.80 | 13.10 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.12 | 0.13 | 0.13 | 0.13 | 6.47 | ppb |
| Thallium | 205-1 | 0.13 | 0.14 | 0.14 | 0.14 | 3.95 | ppb |
| Tin | 118-1 | 4.47 | 4.61 | 4.64 | 4.57 | 1.93 | ppb |
| Titanium | 47-1 | 163.15 | 175.32 | 181.43 | 173.30 | 5.37 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:53:07 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.73 | 0.79 | 0.79 | 0.77 | 4.33 | ppb |
| Vanadium | 51-2 | 19.59 | 20.10 | 19.93 | 19.87 | 1.31 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 53.62 | 52.79 | 52.51 | 52.98 | 1.09 | ppb |
| Zirconium | 90-1 | 0.86 | 0.86 | 1.24 | 0.99 | 22.10 | ppb |
| Zirconium | 91-1 | 0.87 | 0.90 | 0.95 | 0.91 | 4.61 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:56:16 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7295.83 | 7176.94 | 7188.93 | 7220.56 | 0.91 | ppb |
| Antimony | 121-1 | 5.31 | 5.25 | 5.25 | 5.27 | 0.61 | ppb |
| Arsenic | 75-2 | 48.00 | 49.01 | 49.51 | 48.84 | 1.57 | ppb |
| Barium | 135-1 | 18.02 | 17.94 | 17.99 | 17.98 | 0.23 | ppb |
| Barium | 137-1 | 18.25 | 18.18 | 18.37 | 18.27 | 0.54 | ppb |
| Beryllium | 9-1 | 0.16 | 0.15 | 0.21 | 0.17 | 16.62 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.26 | 0.51 | 0.32 | 0.36 | 35.90 | ppb |
| Cadmium | 106-1 | 0.15 | -0.58 | -0.50 | -0.31 | | ppb |
| Cadmium | 111-1 | 0.23 | 0.19 | 0.22 | 0.21 | 9.10 | ppb |
| Calcium | 43-1 | 4101.42 | 4070.20 | 4051.10 | 4074.24 | 0.62 | ppb |
| Calcium | 44-1 | 3986.60 | 3938.55 | 3951.29 | 3958.82 | 0.63 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 16.47 | 16.74 | 16.54 | 16.58 | 0.84 | ppb |
| Cobalt | 59-2 | 4.48 | 4.50 | 4.40 | 4.46 | 1.21 | ppb |
| Copper | 63-2 | 537.20 | 534.27 | 536.31 | 535.93 | 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 | | | | 112 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 14088.77 | 14046.63 | 14021.35 | 14052.25 | 0.24 | ppb |
| Iron | 57-2 | 14018.29 | 13969.41 | 13958.53 | 13982.08 | 0.23 | ppb |
| Iron | 54-2 | 14418.86 | 14128.41 | 14071.16 | 14206.15 | 1.31 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:56:16 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 129.49 | 129.89 | 130.24 | 129.88 | 0.29 | ppb |
| Lead | 207-1 | 125.60 | 127.18 | 126.69 | 126.49 | 0.64 | ppb |
| Lead | 208-1 | 130.26 | 130.32 | 130.73 | 130.44 | 0.20 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 3761.30 | 3757.33 | 3751.20 | 3756.61 | 0.14 | ppb |
| Manganese | 55-2 | 109.87 | 109.30 | 109.68 | 109.62 | 0.26 | ppb |
| Molybdenum | 94-1 | 3.13 | 3.20 | 3.21 | 3.18 | 1.34 | ppb |
| Molybdenum | 95-1 | 0.69 | 0.72 | 0.66 | 0.69 | 4.42 | ppb |
| Molybdenum | 96-1 | 1.09 | 1.09 | 1.06 | 1.08 | 1.83 | ppb |
| Molybdenum | 97-1 | 0.71 | 0.72 | 0.68 | 0.70 | 3.25 | ppb |
| Molybdenum | 98-1 | 0.67 | 0.72 | 0.71 | 0.70 | 3.73 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.77 | 18.80 | 19.05 | 18.87 | 0.81 | ppb |
| Phosphorus | 31-2 | 1190.04 | 1198.36 | 1166.85 | 1185.08 | 1.38 | ppb |
| Potassium | 39-2 | 1183.11 | 1177.49 | 1175.69 | 1178.77 | 0.33 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 0.44 | 0.52 | 0.49 | 0.48 | 8.82 | ppb |
| Selenium | 77-2 | 4.99 | 3.04 | 2.28 | 3.44 | 40.58 | ppb |
| Selenium | 78-2 | -0.09 | 0.96 | 0.37 | 0.41 | 127.66 | ppb |
| Silicon | 28-1 | 129.20 | 121.08 | 119.07 | 123.12 | 4.35 | ppb |
| Silver | 107-1 | 0.27 | 0.27 | 0.28 | 0.27 | 1.28 | ppb |
| Silver | 109-1 | 0.26 | 0.27 | 0.27 | 0.26 | 1.35 | ppb |
| Sodium | 23-2 | 6836.25 | 6753.27 | 6860.63 | 6816.72 | 0.83 | ppb |
| Strontium | 86-1 | 747.60 | 752.39 | 741.00 | 747.00 | 0.77 | ppb |
| Strontium | 88-1 | 745.21 | 747.65 | 751.33 | 748.06 | 0.41 | ppb |
| Sulfur | 34-1 | 297.91 | 226.03 | 158.34 | 227.43 | 30.69 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.07 | 0.07 | 0.06 | 0.07 | 5.21 | ppb |
| Thallium | 205-1 | 0.07 | 0.07 | 0.07 | 0.07 | 2.66 | ppb |
| Tin | 118-1 | 4.34 | 4.36 | 4.35 | 4.35 | 0.16 | ppb |
| Titanium | 47-1 | 495.69 | 489.45 | 487.33 | 490.82 | 0.89 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:56:16 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.07 | 1.07 | 1.08 | 1.07 | 0.34 | ppb |
| Vanadium | 51-2 | 37.20 | 37.41 | 37.53 | 37.38 | 0.45 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 113.60 | 113.73 | 113.23 | 113.52 | 0.23 | ppb |
| Zirconium | 90-1 | 1.43 | 1.41 | 1.51 | 1.45 | 3.86 | ppb |
| Zirconium | 91-1 | 1.48 | 1.45 | 1.44 | 1.46 | 1.55 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:59:25 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11908.36 | 11858.57 | 11723.03 | 11829.99 | 0.81 | ppb |
| Antimony | 121-1 | 42.30 | 47.08 | 46.90 | 45.42 | 5.96 | ppb |
| Arsenic | 75-2 | 143.15 | 141.50 | 141.97 | 142.21 | 0.60 | ppb |
| Barium | 135-1 | 125.17 | 138.97 | 138.90 | 134.35 | 5.92 | ppb |
| Barium | 137-1 | 125.71 | 141.21 | 139.33 | 135.41 | 6.25 | ppb |
| Beryllium | 9-1 | 0.26 | 0.33 | 0.29 | 0.29 | 10.67 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.21 | 2.07 | 2.17 | 2.15 | 3.30 | ppb |
| Cadmium | 106-1 | 2.45 | 1.93 | 2.17 | 2.18 | 12.04 | ppb |
| Cadmium | 111-1 | 1.30 | 1.46 | 1.46 | 1.40 | 6.46 | ppb |
| Calcium | 43-1 | 7661.74 | 8613.24 | 8619.24 | 8298.07 | 6.64 | ppb |
| Calcium | 44-1 | 7463.68 | 8277.56 | 8351.83 | 8031.02 | 6.14 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 38.17 | 38.11 | 37.75 | 38.01 | 0.59 | ppb |
| Cobalt | 59-2 | 39.21 | 39.33 | 39.08 | 39.21 | 0.32 | ppb |
| Copper | 63-2 | 1007.58 | 1010.09 | 1002.23 | 1006.63 | 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 | | | | 113 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 109 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 42081.10 | 42155.72 | 42019.10 | 42085.31 | 0.16 | ppb |
| Iron | 57-2 | 41386.90 | 41746.33 | 41807.49 | 41646.91 | 0.55 | ppb |
| Iron | 54-2 | 42422.22 | 42313.44 | 42225.58 | 42320.41 | 0.23 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:59:25 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 316.73 | 348.64 | 342.13 | 335.83 | 5.02 | ppb |
| Lead | 207-1 | 302.18 | 344.81 | 335.43 | 327.47 | 6.84 | ppb |
| Lead | 208-1 | 306.08 | 341.31 | 336.20 | 327.86 | 5.81 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 7321.80 | 7378.35 | 7423.43 | 7374.53 | 0.69 | ppb |
| Manganese | 55-2 | 292.91 | 293.39 | 292.50 | 292.93 | 0.15 | ppb |
| Molybdenum | 94-1 | 11.51 | 12.16 | 12.78 | 12.15 | 5.22 | ppb |
| Molybdenum | 95-1 | 5.53 | 6.07 | 6.28 | 5.96 | 6.50 | ppb |
| Molybdenum | 96-1 | 6.39 | 7.02 | 7.27 | 6.89 | 6.52 | ppb |
| Molybdenum | 97-1 | 5.61 | 6.24 | 6.16 | 6.00 | 5.79 | ppb |
| Molybdenum | 98-1 | 5.63 | 6.12 | 6.37 | 6.04 | 6.19 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 28.40 | 28.98 | 28.47 | 28.62 | 1.10 | ppb |
| Phosphorus | 31-2 | 1209.60 | 1150.50 | 1199.84 | 1186.65 | 2.67 | ppb |
| Potassium | 39-2 | 2771.43 | 2771.84 | 2752.09 | 2765.12 | 0.41 | ppb |
| Rhodium | 103-1 | | | | 107 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 1.09 | 0.99 | 1.07 | 1.05 | 5.27 | ppb |
| Selenium | 77-2 | 5.29 | 3.77 | 4.66 | 4.57 | 16.61 | ppb |
| Selenium | 78-2 | 0.17 | 1.77 | 1.02 | 0.99 | 81.03 | ppb |
| Silicon | 28-1 | 311.28 | 357.49 | 315.75 | 328.17 | 7.77 | ppb |
| Silver | 107-1 | 3.00 | 3.30 | 3.34 | 3.21 | 5.79 | ppb |
| Silver | 109-1 | 2.96 | 3.29 | 3.27 | 3.17 | 5.79 | ppb |
| Sodium | 23-2 | 13359.52 | 13278.10 | 13247.53 | 13295.05 | 0.44 | ppb |
| Strontium | 86-1 | 1744.12 | 1909.02 | 1944.47 | 1865.87 | 5.73 | ppb |
| Strontium | 88-1 | 1792.03 | 1955.57 | 2013.75 | 1920.45 | 5.99 | ppb |
| Sulfur | 34-1 | 2786.39 | 3612.36 | 3492.36 | 3297.04 | 13.54 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.20 | 0.23 | 0.20 | 0.21 | 7.57 | ppb |
| Thallium | 205-1 | 0.20 | 0.23 | 0.21 | 0.22 | 7.57 | ppb |
| Tin | 118-1 | 28.95 | 32.59 | 32.28 | 31.27 | 6.44 | ppb |
| Titanium | 47-1 | 509.11 | 578.42 | 571.50 | 553.01 | 6.90 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:59:25 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.84 | 2.04 | 1.97 | 1.95 | 5.38 | ppb |
| Vanadium | 51-2 | 48.60 | 48.96 | 48.05 | 48.54 | 0.95 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 2076.58 | 2055.78 | 2094.56 | 2075.64 | 0.93 | ppb |
| Zirconium | 90-1 | 3.75 | 3.99 | 4.09 | 3.94 | 4.48 | ppb |
| Zirconium | 91-1 | 3.77 | 4.49 | 4.14 | 4.13 | 8.80 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:02:28 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8558.96 | 8452.52 | 8502.26 | 8504.58 | 0.63 | ppb |
| Antimony | 121-1 | 13.94 | 14.03 | 13.91 | 13.96 | 0.44 | ppb |
| Arsenic | 75-2 | 66.74 | 65.40 | 66.36 | 66.17 | 1.05 | ppb |
| Barium | 135-1 | 34.04 | 33.78 | 33.12 | 33.65 | 1.41 | ppb |
| Barium | 137-1 | 33.95 | 34.14 | 34.24 | 34.11 | 0.43 | ppb |
| Beryllium | 9-1 | 0.23 | 0.25 | 0.24 | 0.24 | 4.08 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.29 | 0.95 | 1.05 | 1.10 | 15.90 | ppb |
| Cadmium | 106-1 | 0.31 | 1.00 | 0.10 | 0.47 | 99.78 | ppb |
| Cadmium | 111-1 | 0.82 | 0.87 | 0.85 | 0.84 | 2.87 | ppb |
| Calcium | 43-1 | 6314.19 | 6240.03 | 6417.02 | 6323.75 | 1.41 | ppb |
| Calcium | 44-1 | 6220.73 | 6134.06 | 6135.29 | 6163.36 | 0.81 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 29.79 | 29.79 | 29.89 | 29.82 | 0.20 | ppb |
| Cobalt | 59-2 | 7.43 | 7.32 | 7.49 | 7.41 | 1.18 | ppb |
| Copper | 63-2 | 1068.25 | 1048.14 | 1057.45 | 1057.94 | 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 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 18566.47 | 18266.15 | 18558.17 | 18463.60 | 0.93 | ppb |
| Iron | 57-2 | 18661.83 | 18222.87 | 18409.19 | 18431.30 | 1.20 | ppb |
| Iron | 54-2 | 18691.16 | 18537.47 | 18589.37 | 18606.00 | 0.42 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:02:28 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 155.32 | 153.47 | 155.43 | 154.74 | 0.71 | ppb |
| Lead | 207-1 | 149.23 | 148.27 | 153.06 | 150.19 | 1.69 | ppb |
| Lead | 208-1 | 156.00 | 154.35 | 158.81 | 156.39 | 1.44 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 5551.40 | 5478.65 | 5553.65 | 5527.90 | 0.77 | ppb |
| Manganese | 55-2 | 124.03 | 122.40 | 123.75 | 123.40 | 0.71 | ppb |
| Molybdenum | 94-1 | 6.60 | 6.82 | 6.91 | 6.77 | 2.37 | ppb |
| Molybdenum | 95-1 | 3.80 | 3.96 | 3.86 | 3.87 | 2.02 | ppb |
| Molybdenum | 96-1 | 4.30 | 4.34 | 4.25 | 4.29 | 1.10 | ppb |
| Molybdenum | 97-1 | 3.78 | 3.90 | 3.98 | 3.89 | 2.62 | ppb |
| Molybdenum | 98-1 | 3.86 | 3.92 | 3.93 | 3.91 | 1.01 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 19.30 | 19.52 | 19.35 | 19.39 | 0.59 | ppb |
| Phosphorus | 31-2 | 878.89 | 849.68 | 885.42 | 871.33 | 2.18 | ppb |
| Potassium | 39-2 | 1855.17 | 1847.25 | 1849.47 | 1850.63 | 0.22 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 1.15 | 1.25 | 1.21 | 1.20 | 3.84 | ppb |
| Selenium | 77-2 | 4.15 | 4.41 | 2.92 | 3.83 | 20.92 | ppb |
| Selenium | 78-2 | 0.90 | 0.32 | 0.70 | 0.64 | 45.88 | ppb |
| Silicon | 28-1 | 232.51 | 170.43 | 186.64 | 196.53 | 16.38 | ppb |
| Silver | 107-1 | 3.86 | 3.76 | 3.74 | 3.79 | 1.60 | ppb |
| Silver | 109-1 | 3.84 | 3.79 | 3.73 | 3.79 | 1.41 | ppb |
| Sodium | 23-2 | 16281.79 | 16013.72 | 16111.20 | 16135.57 | 0.84 | ppb |
| Strontium | 86-1 | 1336.30 | 1360.56 | 1350.77 | 1349.21 | 0.90 | ppb |
| Strontium | 88-1 | 1372.24 | 1396.54 | 1395.61 | 1388.13 | 0.99 | ppb |
| Sulfur | 34-1 | 8810.44 | 8726.90 | 8990.64 | 8842.66 | 1.52 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.23 | 0.23 | 0.25 | 0.24 | 4.78 | ppb |
| Thallium | 205-1 | 0.25 | 0.24 | 0.25 | 0.24 | 2.00 | ppb |
| Tin | 118-1 | 13.45 | 13.46 | 13.41 | 13.44 | 0.22 | ppb |
| Titanium | 47-1 | 414.62 | 408.99 | 416.13 | 413.25 | 0.91 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:02:28 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.97 | 0.95 | 0.98 | 0.97 | 1.17 | ppb |
| Vanadium | 51-2 | 32.23 | 31.79 | 31.94 | 31.99 | 0.70 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 304.91 | 303.29 | 304.25 | 304.15 | 0.27 | ppb |
| Zirconium | 90-1 | 1.91 | 1.97 | 1.96 | 1.95 | 1.77 | ppb |
| Zirconium | 91-1 | 2.00 | 1.93 | 1.96 | 1.96 | 1.95 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:32:10 | DataFile Name : | 135CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50315.29 | 50267.30 | 50835.91 | 50472.83 | 0.62 | ppb |
| Antimony | 121-1 | 480.53 | 506.69 | 503.17 | 496.80 | 2.86 | ppb |
| Arsenic | 75-2 | 498.48 | 494.57 | 495.85 | 496.30 | 0.40 | ppb |
| Barium | 135-1 | 2446.78 | 2566.32 | 2531.24 | 2514.78 | 2.44 | ppb |
| Barium | 137-1 | 2467.31 | 2558.12 | 2549.49 | 2524.97 | 1.99 | ppb |
| Beryllium | 9-1 | 509.10 | 509.46 | 511.18 | 509.91 | 0.22 | ppb |
| Bismuth | 209-1 | | | | 94 | | % |
| Bismuth | 209-2 | | | | 90 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 485.96 | 495.11 | 488.11 | 489.73 | 0.98 | ppb |
| Cadmium | 106-1 | 481.23 | 496.95 | 490.35 | 489.51 | 1.61 | ppb |
| Cadmium | 111-1 | 457.68 | 477.75 | 474.06 | 469.83 | 2.27 | ppb |
| Calcium | 43-1 | 243756.65 | 253815.15 | 253718.41 | 250430.07 | 2.31 | ppb |
| Calcium | 44-1 | 243389.54 | 255472.53 | 253619.27 | 250827.11 | 2.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 510.70 | 506.55 | 507.66 | 508.30 | 0.42 | ppb |
| Cobalt | 59-2 | 501.94 | 498.44 | 501.75 | 500.71 | 0.39 | ppb |
| Copper | 63-2 | 4909.32 | 4959.69 | 4917.36 | 4928.79 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 95 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 83 | | % |
| Iron | 56-2 | 130069.04 | 129253.57 | 129587.00 | 129636.53 | 0.32 | ppb |
| Iron | 57-2 | 130269.21 | 129116.08 | 129691.68 | 129692.32 | 0.44 | ppb |
| Iron | 54-2 | 129764.32 | 129410.61 | 130160.55 | 129778.49 | 0.29 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:32:10 | DataFile Name : | 135CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2498.66 | 2598.91 | 2610.09 | 2569.22 | 2.39 | ppb |
| Lead | 207-1 | 2472.10 | 2579.13 | 2596.20 | 2549.15 | 2.64 | ppb |
| Lead | 208-1 | 2473.20 | 2574.36 | 2592.03 | 2546.53 | 2.52 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 248031.49 | 250002.58 | 249025.87 | 249019.98 | 0.40 | ppb |
| Manganese | 55-2 | 5027.66 | 4999.39 | 4997.60 | 5008.22 | 0.34 | ppb |
| Molybdenum | 94-1 | 4880.65 | 5126.94 | 5050.56 | 5019.38 | 2.51 | ppb |
| Molybdenum | 95-1 | 4884.85 | 5078.29 | 5057.54 | 5006.89 | 2.12 | ppb |
| Molybdenum | 96-1 | 4891.79 | 5078.24 | 5111.75 | 5027.26 | 2.36 | ppb |
| Molybdenum | 97-1 | 4875.23 | 5076.27 | 5119.33 | 5023.61 | 2.59 | ppb |
| Molybdenum | 98-1 | 4887.03 | 5044.17 | 5039.89 | 4990.36 | 1.79 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 477.24 | 474.35 | 479.49 | 477.03 | 0.54 | ppb |
| Phosphorus | 31-2 | 9882.89 | 9859.94 | 9953.08 | 9898.63 | 0.49 | ppb |
| Potassium | 39-2 | 123010.03 | 121709.47 | 123902.15 | 122873.88 | 0.90 | ppb |
| Rhodium | 103-1 | | | | 86 | | % |
| Rhodium | 103-2 | | | | 82 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 80 | | % |
| Selenium | 82-1 | 464.08 | 479.37 | 484.03 | 475.83 | 2.19 | ppb |
| Selenium | 77-2 | 484.94 | 473.18 | 496.37 | 484.83 | 2.39 | ppb |
| Selenium | 78-2 | 491.56 | 482.78 | 481.17 | 485.17 | 1.15 | ppb |
| Silicon | 28-1 | 239.79 | 249.62 | 246.11 | 245.17 | 2.03 | ppb |
| Silver | 107-1 | 487.48 | 497.59 | 493.19 | 492.75 | 1.03 | ppb |
| Silver | 109-1 | 486.38 | 495.25 | 486.10 | 489.24 | 1.06 | ppb |
| Sodium | 23-2 | 247540.82 | 248906.71 | 249930.52 | 248792.68 | 0.48 | ppb |
| Strontium | 86-1 | 12237.44 | 12569.78 | 12602.60 | 12469.94 | 1.62 | ppb |
| Strontium | 88-1 | 12161.03 | 12523.13 | 12734.52 | 12472.89 | 2.33 | ppb |
| Sulfur | 34-1 | 9690.79 | 10186.93 | 10244.46 | 10040.73 | 3.03 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 94 | | % |
| Thallium | 203-1 | 503.44 | 525.62 | 530.81 | 519.96 | 2.80 | ppb |
| Thallium | 205-1 | 503.35 | 525.17 | 528.71 | 519.08 | 2.65 | ppb |
| Tin | 118-1 | 485.45 | 508.93 | 503.37 | 499.25 | 2.46 | ppb |
| Titanium | 47-1 | 4852.07 | 5022.67 | 5050.94 | 4975.23 | 2.16 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:32:10 | DataFile Name : | 135CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 493.54 | 524.77 | 524.74 | 514.35 | 3.50 | ppb |
| Vanadium | 51-2 | 519.73 | 509.55 | 513.11 | 514.13 | 1.01 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 85 | | % |
| Zinc | 66-2 | 4829.48 | 4840.89 | 4811.41 | 4827.26 | 0.31 | ppb |
| Zirconium | 90-1 | 490.77 | 507.52 | 499.12 | 499.14 | 1.68 | ppb |
| Zirconium | 91-1 | 496.47 | 509.03 | 510.54 | 505.35 | 1.53 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:35:11 | DataFile Name : | 136CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1.08 | 0.85 | 0.94 | 0.96 | 11.86 | ppb |
| Antimony | 121-1 | 0.18 | 0.19 | 0.16 | 0.18 | 6.90 | ppb |
| Arsenic | 75-2 | 0.05 | 0.02 | 0.00 | 0.02 | 96.09 | ppb |
| Barium | 135-1 | 0.11 | 0.10 | 0.05 | 0.08 | 35.97 | ppb |
| Barium | 137-1 | 0.11 | 0.08 | 0.07 | 0.09 | 19.39 | ppb |
| Beryllium | 9-1 | 0.04 | 0.03 | 0.05 | 0.04 | 18.20 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.06 | -0.04 | 0.05 | 0.03 | 228.64 | ppb |
| Cadmium | 106-1 | -1.36 | -1.24 | -1.43 | -1.34 | | ppb |
| Cadmium | 111-1 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |
| Calcium | 43-1 | 9.75 | 9.11 | 6.39 | 8.42 | 21.18 | ppb |
| Calcium | 44-1 | 10.34 | 8.87 | 7.02 | 8.74 | 19.02 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | 0.00 | 0.03 | 0.01 | 202.47 | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.13 | 0.12 | 0.13 | 0.13 | 2.10 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 3.10 | 2.59 | 2.23 | 2.64 | 16.62 | ppb |
| Iron | 57-2 | -0.53 | 0.02 | 0.91 | 0.13 | 545.71 | ppb |
| Iron | 54-2 | 2.47 | 2.32 | 1.58 | 2.13 | 22.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:35:11 | DataFile Name : | 136CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.16 | 0.16 | 0.12 | 0.15 | 14.58 | ppb |
| Lead | 207-1 | 0.14 | 0.15 | 0.13 | 0.14 | 9.48 | ppb |
| Lead | 208-1 | 0.15 | 0.15 | 0.13 | 0.14 | 8.47 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 4.42 | 3.53 | 2.99 | 3.65 | 19.71 | ppb |
| Manganese | 55-2 | 0.11 | 0.13 | 0.09 | 0.11 | 18.34 | ppb |
| Molybdenum | 94-1 | 0.37 | 0.31 | 0.23 | 0.30 | 21.87 | ppb |
| Molybdenum | 95-1 | 0.30 | 0.26 | 0.22 | 0.26 | 16.05 | ppb |
| Molybdenum | 96-1 | 0.32 | 0.28 | 0.25 | 0.29 | 13.05 | ppb |
| Molybdenum | 97-1 | 0.30 | 0.27 | 0.23 | 0.27 | 13.49 | ppb |
| Molybdenum | 98-1 | 0.32 | 0.28 | 0.24 | 0.28 | 15.18 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.03 | -0.04 | -0.05 | -0.04 | | ppb |
| Phosphorus | 31-2 | -18.61 | -16.49 | -16.85 | -17.32 | | ppb |
| Potassium | 39-2 | 6.07 | 6.96 | 5.82 | 6.28 | 9.61 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 87 | | % |
| Scandium | 45-2 | | | | 84 | | % |
| Selenium | 82-1 | 0.70 | 0.19 | 0.03 | 0.31 | 114.62 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.15 | -0.40 | -0.83 | -0.46 | | ppb |
| Silicon | 28-1 | -3.83 | -3.62 | -3.82 | -3.76 | | ppb |
| Silver | 107-1 | 0.05 | 0.04 | 0.03 | 0.04 | 21.99 | ppb |
| Silver | 109-1 | 0.05 | 0.04 | 0.03 | 0.04 | 18.81 | ppb |
| Sodium | 23-2 | 16.89 | 16.56 | 15.86 | 16.43 | 3.20 | ppb |
| Strontium | 86-1 | 0.39 | 0.84 | 0.67 | 0.63 | 36.14 | ppb |
| Strontium | 88-1 | 0.56 | 0.51 | 0.43 | 0.50 | 12.67 | ppb |
| Sulfur | 34-1 | -138.29 | -129.22 | -120.44 | -129.31 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.04 | 0.03 | 0.04 | 0.04 | 19.31 | ppb |
| Thallium | 205-1 | 0.06 | 0.04 | 0.04 | 0.05 | 18.57 | ppb |
| Tin | 118-1 | 0.05 | 0.05 | 0.03 | 0.04 | 23.16 | ppb |
| Titanium | 47-1 | 0.28 | 0.22 | 0.15 | 0.22 | 28.88 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:35:11 | DataFile Name : | 136CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.03 | 0.02 | 0.02 | 0.02 | 21.54 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 12.21 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 0.19 | 0.19 | 0.14 | 0.18 | 16.13 | ppb |
| Zirconium | 90-1 | 0.03 | 0.03 | 0.03 | 0.03 | 8.67 | ppb |
| Zirconium | 91-1 | 0.04 | 0.04 | 0.05 | 0.04 | 8.01 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:41:08 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14162.86 | 14526.38 | 14318.20 | 14335.81 | 1.27 | ppb |
| Antimony | 121-1 | 2153.47 | 2203.96 | 2178.93 | 2178.79 | 1.16 | ppb |
| Arsenic | 75-2 | 6062.96 | 5844.21 | 6152.97 | 6020.05 | 2.64 | ppb |
| Barium | 135-1 | 210.56 | 216.32 | 212.80 | 213.23 | 1.36 | ppb |
| Barium | 137-1 | 213.53 | 216.95 | 214.46 | 214.98 | 0.82 | ppb |
| Beryllium | 9-1 | 1.40 | 1.41 | 1.40 | 1.40 | 0.59 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 119.62 | 122.32 | 123.93 | 121.96 | 1.79 | ppb |
| Cadmium | 106-1 | 117.10 | 117.68 | 120.05 | 118.27 | 1.32 | ppb |
| Cadmium | 111-1 | 117.93 | 119.21 | 119.68 | 118.94 | 0.76 | ppb |
| Calcium | 43-1 | 47325.71 | 49460.66 | 47442.45 | 48076.27 | 2.50 | ppb |
| Calcium | 44-1 | 46848.66 | 48626.59 | 47221.45 | 47565.57 | 1.97 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 275.35 | 280.58 | 280.14 | 278.69 | 1.04 | ppb |
| Cobalt | 59-2 | 497.78 | 500.02 | 501.97 | 499.92 | 0.42 | ppb |
| Copper | 63-2 | 2233.99 | 2246.99 | 2274.71 | 2251.90 | 0.92 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 119 | | % |
| Indium | 115-2 | | | | 117 | | % |
| Iron | 56-2 | 177580.32 | 176867.91 | 177058.86 | 177169.03 | 0.21 | ppb |
| Iron | 57-2 | 174734.82 | 175111.64 | 177511.24 | 175785.90 | 0.86 | ppb |
| Iron | 54-2 | 177894.60 | 176864.22 | 179399.89 | 178052.90 | 0.72 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:41:08 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3375.76 | 3492.89 | 3393.00 | 3420.55 | 1.85 | ppb |
| Lead | 207-1 | 3308.50 | 3412.16 | 3355.76 | 3358.81 | 1.55 | ppb |
| Lead | 208-1 | 3339.59 | 3434.38 | 3341.54 | 3371.84 | 1.61 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 6602.61 | 6724.09 | 6716.51 | 6681.07 | 1.02 | ppb |
| Manganese | 55-2 | 701.31 | 703.06 | 703.75 | 702.71 | 0.18 | ppb |
| Molybdenum | 94-1 | 380.19 | 380.62 | 386.80 | 382.54 | 0.97 | ppb |
| Molybdenum | 95-1 | 417.99 | 431.46 | 420.24 | 423.23 | 1.70 | ppb |
| Molybdenum | 96-1 | 424.02 | 427.97 | 417.66 | 423.22 | 1.23 | ppb |
| Molybdenum | 97-1 | 429.80 | 428.74 | 426.97 | 428.50 | 0.33 | ppb |
| Molybdenum | 98-1 | 424.05 | 424.14 | 416.84 | 421.68 | 0.99 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 77.56 | 76.46 | 78.07 | 77.36 | 1.06 | ppb |
| Phosphorus | 31-2 | 1014.88 | 983.85 | 1029.36 | 1009.36 | 2.30 | ppb |
| Potassium | 39-2 | 3544.02 | 3563.92 | 3577.50 | 3561.82 | 0.47 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 235.20 | 238.92 | 236.76 | 236.96 | 0.79 | ppb |
| Selenium | 77-2 | 247.85 | 239.63 | 244.89 | 244.12 | 1.71 | ppb |
| Selenium | 78-2 | 242.81 | 236.84 | 250.14 | 243.27 | 2.74 | ppb |
| Silicon | 28-1 | 1746.59 | 1802.83 | 1806.59 | 1785.34 | 1.88 | ppb |
| Silver | 107-1 | 5.29 | 5.38 | 5.28 | 5.32 | 1.05 | ppb |
| Silver | 109-1 | 5.14 | 5.24 | 5.28 | 5.22 | 1.32 | ppb |
| Sodium | 23-2 | 11368.84 | 11545.59 | 11522.17 | 11478.87 | 0.84 | ppb |
| Strontium | 86-1 | 5659.86 | 5720.02 | 5649.26 | 5676.38 | 0.67 | ppb |
| Strontium | 88-1 | 5825.16 | 5919.29 | 5748.94 | 5831.13 | 1.46 | ppb |
| Sulfur | 34-1 | 3834.17 | 4082.49 | 3860.90 | 3925.85 | 3.47 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 175.02 | 177.47 | 176.25 | 176.24 | 0.70 | ppb |
| Thallium | 205-1 | 173.50 | 180.31 | 176.00 | 176.60 | 1.95 | ppb |
| Tin | 118-1 | 483.86 | 490.21 | 489.68 | 487.92 | 0.72 | ppb |
| Titanium | 47-1 | 720.56 | 744.65 | 734.46 | 733.22 | 1.65 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:41:08 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4.59 | 4.65 | 4.62 | 4.62 | 0.69 | ppb |
| Vanadium | 51-2 | 44.17 | 45.32 | 45.25 | 44.91 | 1.44 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 11741.68 | 11845.63 | 12019.87 | 11869.06 | 1.18 | ppb |
| Zirconium | 90-1 | 17.34 | 17.69 | 17.58 | 17.54 | 1.04 | ppb |
| Zirconium | 91-1 | 19.38 | 18.96 | 18.87 | 19.07 | 1.43 | ppb |

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 : | P5266-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:43:58 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11324.77 | 11369.55 | 11200.13 | 11298.15 | 0.78 | ppb |
| Antimony | 121-1 | 5.01 | 4.88 | 4.58 | 4.82 | 4.59 | ppb |
| Arsenic | 75-2 | 260.00 | 254.33 | 257.59 | 257.31 | 1.11 | ppb |
| Barium | 135-1 | 174.63 | 175.20 | 178.05 | 175.96 | 1.04 | ppb |
| Barium | 137-1 | 177.02 | 177.93 | 179.18 | 178.04 | 0.61 | ppb |
| Beryllium | 9-1 | 0.90 | 0.94 | 0.82 | 0.89 | 6.71 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 93.12 | 94.27 | 92.31 | 93.23 | 1.05 | ppb |
| Cadmium | 106-1 | 95.01 | 92.01 | 93.95 | 93.66 | 1.63 | ppb |
| Cadmium | 111-1 | 98.03 | 98.87 | 99.55 | 98.82 | 0.77 | ppb |
| Calcium | 43-1 | 72806.49 | 72118.08 | 72169.91 | 72364.83 | 0.53 | ppb |
| Calcium | 44-1 | 71080.50 | 71872.23 | 72167.79 | 71706.84 | 0.78 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 44.59 | 44.86 | 44.46 | 44.64 | 0.46 | ppb |
| Cobalt | 59-2 | 18.53 | 18.59 | 18.41 | 18.51 | 0.48 | ppb |
| Copper | 63-2 | 43.48 | 43.87 | 43.95 | 43.76 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 42887.37 | 43505.35 | 42757.20 | 43049.97 | 0.93 | ppb |
| Iron | 57-2 | 42937.25 | 42903.24 | 43211.21 | 43017.23 | 0.39 | ppb |
| Iron | 54-2 | 42871.77 | 43702.58 | 43232.77 | 43269.04 | 0.96 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:43:58 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 81.30 | 81.52 | 82.46 | 81.76 | 0.75 | ppb |
| Lead | 207-1 | 74.58 | 74.37 | 74.86 | 74.60 | 0.33 | ppb |
| Lead | 208-1 | 76.67 | 77.17 | 77.57 | 77.14 | 0.59 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 32609.86 | 33057.39 | 32596.36 | 32754.54 | 0.80 | ppb |
| Manganese | 55-2 | 1588.20 | 1608.91 | 1594.85 | 1597.32 | 0.66 | ppb |
| Molybdenum | 94-1 | 9.24 | 9.38 | 9.26 | 9.29 | 0.81 | ppb |
| Molybdenum | 95-1 | 3.59 | 3.80 | 3.50 | 3.63 | 4.19 | ppb |
| Molybdenum | 96-1 | 4.53 | 4.70 | 4.33 | 4.52 | 4.02 | ppb |
| Molybdenum | 97-1 | 3.48 | 3.67 | 3.57 | 3.57 | 2.62 | ppb |
| Molybdenum | 98-1 | 3.51 | 3.63 | 3.50 | 3.55 | 2.00 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 55.00 | 55.94 | 55.82 | 55.59 | 0.93 | ppb |
| Phosphorus | 31-2 | 971.91 | 949.70 | 919.95 | 947.19 | 2.75 | ppb |
| Potassium | 39-2 | 1983.65 | 1991.44 | 1986.62 | 1987.23 | 0.20 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 234.57 | 232.89 | 235.83 | 234.43 | 0.63 | ppb |
| Selenium | 77-2 | 251.27 | 239.13 | 236.20 | 242.20 | 3.30 | ppb |
| Selenium | 78-2 | 240.41 | 244.03 | 243.05 | 242.50 | 0.77 | ppb |
| Silicon | 28-1 | 933.23 | 926.26 | 945.64 | 935.04 | 1.05 | ppb |
| Silver | 107-1 | 0.32 | 0.32 | 0.30 | 0.32 | 4.39 | ppb |
| Silver | 109-1 | 0.33 | 0.32 | 0.30 | 0.32 | 3.82 | ppb |
| Sodium | 23-2 | 183.09 | 186.88 | 185.18 | 185.05 | 1.03 | ppb |
| Strontium | 86-1 | 1790.81 | 1791.59 | 1794.26 | 1792.22 | 0.10 | ppb |
| Strontium | 88-1 | 1864.41 | 1847.19 | 1850.49 | 1854.03 | 0.49 | ppb |
| Sulfur | 34-1 | 996.47 | 1057.39 | 1071.26 | 1041.70 | 3.82 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 174.06 | 175.52 | 178.95 | 176.18 | 1.42 | ppb |
| Thallium | 205-1 | 173.73 | 177.94 | 178.32 | 176.66 | 1.44 | ppb |
| Tin | 118-1 | 1.68 | 1.66 | 1.60 | 1.64 | 2.34 | ppb |
| Titanium | 47-1 | 204.97 | 209.43 | 209.90 | 208.10 | 1.31 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:43:58 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.08 | 1.09 | 1.10 | 1.09 | 0.97 | ppb |
| Vanadium | 51-2 | 38.31 | 38.62 | 38.51 | 38.48 | 0.41 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 496.22 | 502.03 | 496.09 | 498.11 | 0.68 | ppb |
| Zirconium | 90-1 | 3.39 | 3.48 | 3.45 | 3.44 | 1.43 | ppb |
| Zirconium | 91-1 | 3.45 | 3.42 | 3.55 | 3.47 | 2.09 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:47:06 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20928.21 | 21572.18 | 21560.31 | 21353.56 | 1.73 | ppb |
| Antimony | 121-1 | 4.27 | 4.79 | 4.95 | 4.67 | 7.57 | ppb |
| Arsenic | 75-2 | 265.06 | 266.91 | 267.59 | 266.52 | 0.49 | ppb |
| Barium | 135-1 | 215.41 | 242.39 | 247.03 | 234.94 | 7.27 | ppb |
| Barium | 137-1 | 218.83 | 246.68 | 250.80 | 238.77 | 7.28 | ppb |
| Beryllium | 9-1 | 1.22 | 1.39 | 1.30 | 1.30 | 6.56 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 80.91 | 91.12 | 91.37 | 87.80 | 6.80 | ppb |
| Cadmium | 106-1 | 80.40 | 91.09 | 91.65 | 87.72 | 7.23 | ppb |
| Cadmium | 111-1 | 84.25 | 95.07 | 97.21 | 92.18 | 7.54 | ppb |
| Calcium | 43-1 | 77584.96 | 90492.62 | 90141.21 | 86072.93 | 8.54 | ppb |
| Calcium | 44-1 | 77242.34 | 90616.45 | 89823.87 | 85894.22 | 8.74 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.99 | 44.67 | 44.43 | 44.36 | 0.78 | ppb |
| Cobalt | 59-2 | 28.37 | 28.91 | 28.64 | 28.64 | 0.93 | ppb |
| Copper | 63-2 | 49.63 | 50.63 | 50.02 | 50.10 | 1.01 | 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 | | | | 113 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 54191.58 | 55391.79 | 54843.66 | 54809.01 | 1.10 | ppb |
| Iron | 57-2 | 53933.49 | 55475.44 | 54906.17 | 54771.70 | 1.42 | ppb |
| Iron | 54-2 | 54786.94 | 55251.48 | 54748.48 | 54928.97 | 0.51 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:47:06 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 31.65 | 35.80 | 36.45 | 34.63 | 7.51 | ppb |
| Lead | 207-1 | 28.44 | 32.46 | 32.99 | 31.30 | 7.95 | ppb |
| Lead | 208-1 | 29.68 | 33.55 | 34.26 | 32.49 | 7.59 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 35053.42 | 35456.74 | 35164.79 | 35224.98 | 0.59 | ppb |
| Manganese | 55-2 | 962.62 | 973.80 | 960.29 | 965.57 | 0.75 | ppb |
| Molybdenum | 94-1 | 11.72 | 13.66 | 13.83 | 13.07 | 8.99 | ppb |
| Molybdenum | 95-1 | 2.28 | 2.75 | 2.68 | 2.57 | 9.85 | ppb |
| Molybdenum | 96-1 | 3.55 | 4.21 | 4.24 | 4.00 | 9.76 | ppb |
| Molybdenum | 97-1 | 2.35 | 2.79 | 2.69 | 2.61 | 8.78 | ppb |
| Molybdenum | 98-1 | 2.26 | 2.70 | 2.65 | 2.54 | 9.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 73.04 | 74.20 | 74.80 | 74.01 | 1.20 | ppb |
| Phosphorus | 31-2 | 1032.47 | 1002.25 | 1058.77 | 1031.16 | 2.74 | ppb |
| Potassium | 39-2 | 3486.61 | 3528.82 | 3468.33 | 3494.59 | 0.89 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 196.27 | 225.88 | 228.01 | 216.72 | 8.19 | ppb |
| Selenium | 77-2 | 234.22 | 247.60 | 232.39 | 238.07 | 3.49 | ppb |
| Selenium | 78-2 | 233.83 | 234.92 | 230.78 | 233.18 | 0.92 | ppb |
| Silicon | 28-1 | 325.90 | 470.04 | 317.11 | 371.02 | 23.14 | ppb |
| Silver | 107-1 | 0.12 | 0.14 | 0.15 | 0.14 | 8.44 | ppb |
| Silver | 109-1 | 0.12 | 0.14 | 0.14 | 0.13 | 9.28 | ppb |
| Sodium | 23-2 | 257.60 | 272.02 | 262.55 | 264.06 | 2.78 | ppb |
| Strontium | 86-1 | 2586.83 | 3016.52 | 2997.11 | 2866.82 | 8.46 | ppb |
| Strontium | 88-1 | 2673.10 | 3109.53 | 3179.42 | 2987.35 | 9.18 | ppb |
| Sulfur | 34-1 | 469.33 | 1176.23 | 1130.21 | 925.26 | 42.75 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 151.27 | 171.17 | 174.32 | 165.58 | 7.55 | ppb |
| Thallium | 205-1 | 154.06 | 172.35 | 177.55 | 167.99 | 7.35 | ppb |
| Tin | 118-1 | 0.90 | 1.01 | 0.99 | 0.97 | 6.24 | ppb |
| Titanium | 47-1 | 207.89 | 244.41 | 249.07 | 233.79 | 9.65 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:47:06 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.50 | 1.74 | 1.76 | 1.67 | 8.54 | ppb |
| Vanadium | 51-2 | 54.33 | 55.31 | 54.81 | 54.81 | 0.89 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 160.05 | 162.47 | 159.75 | 160.76 | 0.93 | ppb |
| Zirconium | 90-1 | 5.38 | 6.36 | 6.31 | 6.01 | 9.17 | ppb |
| Zirconium | 91-1 | 5.56 | 6.53 | 6.51 | 6.20 | 8.93 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:50:17 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 24894.87 | 25280.58 | 24966.66 | 25047.37 | 0.82 | ppb |
| Antimony | 121-1 | 4.54 | 4.59 | 4.76 | 4.63 | 2.47 | ppb |
| Arsenic | 75-2 | 280.87 | 284.10 | 277.57 | 280.84 | 1.16 | ppb |
| Barium | 135-1 | 96.54 | 97.54 | 98.99 | 97.69 | 1.26 | ppb |
| Barium | 137-1 | 97.98 | 99.88 | 99.80 | 99.22 | 1.08 | ppb |
| Beryllium | 9-1 | 0.93 | 1.01 | 1.01 | 0.98 | 4.67 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 116.71 | 117.29 | 119.91 | 117.97 | 1.45 | ppb |
| Cadmium | 106-1 | 113.66 | 117.73 | 114.97 | 115.46 | 1.80 | ppb |
| Cadmium | 111-1 | 119.99 | 121.69 | 123.41 | 121.70 | 1.41 | ppb |
| Calcium | 43-1 | 12750.70 | 12935.90 | 13005.33 | 12897.31 | 1.02 | ppb |
| Calcium | 44-1 | 12232.74 | 12429.97 | 12492.75 | 12385.15 | 1.10 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30.09 | 30.22 | 30.10 | 30.14 | 0.24 | ppb |
| Cobalt | 59-2 | 31.90 | 31.90 | 31.79 | 31.86 | 0.20 | ppb |
| Copper | 63-2 | 94.17 | 93.58 | 94.45 | 94.06 | 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 | | | | 110 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 51013.66 | 50699.31 | 51175.74 | 50962.90 | 0.48 | ppb |
| Iron | 57-2 | 51033.94 | 50509.79 | 50348.30 | 50630.68 | 0.71 | ppb |
| Iron | 54-2 | 51062.13 | 51387.20 | 51577.43 | 51342.26 | 0.51 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:50:17 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 91.83 | 94.14 | 93.03 | 93.00 | 1.24 | ppb |
| Lead | 207-1 | 86.55 | 88.38 | 87.75 | 87.56 | 1.06 | ppb |
| Lead | 208-1 | 91.36 | 92.71 | 92.51 | 92.19 | 0.79 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 12952.38 | 12897.96 | 13000.05 | 12950.13 | 0.39 | ppb |
| Manganese | 55-2 | 820.67 | 817.11 | 826.45 | 821.41 | 0.57 | ppb |
| Molybdenum | 94-1 | 9.33 | 9.28 | 9.38 | 9.33 | 0.53 | ppb |
| Molybdenum | 95-1 | 0.74 | 0.76 | 0.78 | 0.76 | 2.52 | ppb |
| Molybdenum | 96-1 | 2.05 | 2.12 | 2.06 | 2.08 | 1.69 | ppb |
| Molybdenum | 97-1 | 0.75 | 0.73 | 0.74 | 0.74 | 1.44 | ppb |
| Molybdenum | 98-1 | 0.76 | 0.76 | 0.76 | 0.76 | 0.42 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 40.40 | 39.81 | 40.39 | 40.20 | 0.84 | ppb |
| Phosphorus | 31-2 | 735.47 | 753.21 | 741.84 | 743.51 | 1.21 | ppb |
| Potassium | 39-2 | 902.41 | 897.07 | 890.57 | 896.68 | 0.66 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 286.09 | 292.00 | 292.84 | 290.31 | 1.27 | ppb |
| Selenium | 77-2 | 301.62 | 305.25 | 291.80 | 299.55 | 2.32 | ppb |
| Selenium | 78-2 | 293.38 | 308.81 | 291.78 | 297.99 | 3.16 | ppb |
| Silicon | 28-1 | 401.70 | 406.41 | 403.67 | 403.93 | 0.59 | ppb |
| Silver | 107-1 | 0.07 | 0.07 | 0.08 | 0.07 | 4.36 | ppb |
| Silver | 109-1 | 0.40 | 0.07 | 0.08 | 0.18 | 103.41 | ppb |
| Sodium | 23-2 | 239.69 | 236.85 | 237.14 | 237.90 | 0.66 | ppb |
| Strontium | 86-1 | 1713.02 | 1758.25 | 1729.89 | 1733.72 | 1.32 | ppb |
| Strontium | 88-1 | 1753.06 | 1788.90 | 1785.63 | 1775.86 | 1.12 | ppb |
| Sulfur | 34-1 | -247.61 | -344.03 | -536.76 | -376.14 | | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 199.71 | 206.96 | 203.11 | 203.26 | 1.78 | ppb |
| Thallium | 205-1 | 199.52 | 207.51 | 203.33 | 203.45 | 1.96 | ppb |
| Tin | 118-1 | 1.78 | 1.75 | 1.84 | 1.79 | 2.67 | ppb |
| Titanium | 47-1 | 240.20 | 241.61 | 240.54 | 240.78 | 0.30 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:50:17 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.96 | 0.98 | 0.94 | 0.96 | 1.77 | ppb |
| Vanadium | 51-2 | 119.57 | 119.16 | 119.23 | 119.32 | 0.18 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 118.04 | 118.52 | 118.32 | 118.29 | 0.20 | ppb |
| Zirconium | 90-1 | 4.75 | 4.92 | 4.79 | 4.82 | 1.87 | ppb |
| Zirconium | 91-1 | 4.83 | 4.97 | 4.93 | 4.91 | 1.44 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:53:25 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17844.11 | 17667.06 | 18095.67 | 17868.95 | 1.21 | ppb |
| Antimony | 121-1 | 4.34 | 4.60 | 4.56 | 4.50 | 3.15 | ppb |
| Arsenic | 75-2 | 217.81 | 215.92 | 218.53 | 217.42 | 0.62 | ppb |
| Barium | 135-1 | 134.41 | 143.00 | 142.28 | 139.90 | 3.41 | ppb |
| Barium | 137-1 | 134.39 | 143.44 | 144.52 | 140.79 | 3.95 | ppb |
| Beryllium | 9-1 | 0.74 | 0.75 | 0.75 | 0.75 | 0.89 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 90.32 | 95.69 | 97.71 | 94.57 | 4.04 | ppb |
| Cadmium | 106-1 | 93.49 | 100.22 | 96.41 | 96.71 | 3.49 | ppb |
| Cadmium | 111-1 | 91.16 | 97.24 | 97.49 | 95.30 | 3.76 | ppb |
| Calcium | 43-1 | 12652.66 | 13390.40 | 13532.64 | 13191.90 | 3.58 | ppb |
| Calcium | 44-1 | 12296.17 | 13027.99 | 13000.80 | 12774.99 | 3.25 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 26.30 | 26.17 | 26.32 | 26.26 | 0.31 | ppb |
| Cobalt | 59-2 | 24.15 | 24.19 | 24.19 | 24.17 | 0.09 | ppb |
| Copper | 63-2 | 61.53 | 61.62 | 61.05 | 61.40 | 0.50 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 54039.85 | 54282.34 | 54493.55 | 54271.91 | 0.42 | ppb |
| Iron | 57-2 | 53620.82 | 54067.60 | 53590.92 | 53759.78 | 0.50 | ppb |
| Iron | 54-2 | 54630.55 | 53910.72 | 54177.10 | 54239.46 | 0.67 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:53:25 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 37.77 | 39.66 | 39.82 | 39.08 | 2.91 | ppb |
| Lead | 207-1 | 36.15 | 37.78 | 37.93 | 37.29 | 2.64 | ppb |
| Lead | 208-1 | 36.43 | 38.47 | 38.50 | 37.80 | 3.13 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 12342.29 | 12249.38 | 12521.61 | 12371.09 | 1.12 | ppb |
| Manganese | 55-2 | 788.97 | 786.51 | 789.49 | 788.32 | 0.20 | ppb |
| Molybdenum | 94-1 | 63.59 | 66.81 | 66.07 | 65.49 | 2.58 | ppb |
| Molybdenum | 95-1 | 0.74 | 0.75 | 0.74 | 0.74 | 0.99 | ppb |
| Molybdenum | 96-1 | 7.70 | 8.21 | 8.17 | 8.03 | 3.48 | ppb |
| Molybdenum | 97-1 | 0.69 | 0.77 | 0.75 | 0.73 | 5.63 | ppb |
| Molybdenum | 98-1 | 0.74 | 0.78 | 0.75 | 0.76 | 3.18 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 46.57 | 47.34 | 46.92 | 46.94 | 0.82 | ppb |
| Phosphorus | 31-2 | 2632.65 | 2651.46 | 2622.47 | 2635.53 | 0.56 | ppb |
| Potassium | 39-2 | 1045.95 | 1046.86 | 1055.47 | 1049.42 | 0.50 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 194.68 | 206.64 | 205.71 | 202.34 | 3.29 | ppb |
| Selenium | 77-2 | 220.13 | 218.59 | 218.84 | 219.19 | 0.38 | ppb |
| Selenium | 78-2 | 210.18 | 205.08 | 209.11 | 208.12 | 1.29 | ppb |
| Silicon | 28-1 | 462.08 | 493.13 | 498.89 | 484.70 | 4.09 | ppb |
| Silver | 107-1 | 0.09 | 0.09 | 0.09 | 0.09 | 3.18 | ppb |
| Silver | 109-1 | 0.05 | 0.07 | 0.06 | 0.06 | 11.56 | ppb |
| Sodium | 23-2 | 717.09 | 714.80 | 716.41 | 716.10 | 0.16 | ppb |
| Strontium | 86-1 | 1778.11 | 1878.55 | 1835.76 | 1830.81 | 2.75 | ppb |
| Strontium | 88-1 | 1823.22 | 1914.05 | 1920.24 | 1885.84 | 2.88 | ppb |
| Sulfur | 34-1 | -863.54 | -736.66 | -751.64 | -783.95 | | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 160.08 | 168.95 | 170.49 | 166.51 | 3.38 | ppb |
| Thallium | 205-1 | 160.54 | 168.69 | 171.11 | 166.78 | 3.32 | ppb |
| Tin | 118-1 | 1.69 | 1.82 | 1.79 | 1.77 | 4.06 | ppb |
| Titanium | 47-1 | 2860.11 | 3012.68 | 2997.28 | 2956.69 | 2.84 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:53:25 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.96 | 1.02 | 1.01 | 1.00 | 3.00 | ppb |
| Vanadium | 51-2 | 134.60 | 134.75 | 134.85 | 134.73 | 0.09 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 120.82 | 120.14 | 119.71 | 120.22 | 0.46 | ppb |
| Zirconium | 90-1 | 34.44 | 36.70 | 36.23 | 35.79 | 3.33 | ppb |
| Zirconium | 91-1 | 34.59 | 36.34 | 36.37 | 35.77 | 2.84 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:56:35 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14177.00 | 14273.61 | 14191.69 | 14214.10 | 0.37 | ppb |
| Antimony | 121-1 | 2100.63 | 2175.78 | 2202.71 | 2159.71 | 2.45 | ppb |
| Arsenic | 75-2 | 6099.70 | 5932.53 | 6022.60 | 6018.28 | 1.39 | ppb |
| Barium | 135-1 | 207.64 | 212.84 | 215.90 | 212.13 | 1.97 | ppb |
| Barium | 137-1 | 212.17 | 215.07 | 218.91 | 215.39 | 1.57 | ppb |
| Beryllium | 9-1 | 1.33 | 1.41 | 1.40 | 1.38 | 3.02 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 122.03 | 126.02 | 128.98 | 125.68 | 2.77 | ppb |
| Cadmium | 106-1 | 117.28 | 122.40 | 124.15 | 121.28 | 2.94 | ppb |
| Cadmium | 111-1 | 119.83 | 121.45 | 125.34 | 122.21 | 2.32 | ppb |
| Calcium | 43-1 | 45104.66 | 48300.27 | 48177.74 | 47194.23 | 3.84 | ppb |
| Calcium | 44-1 | 45652.42 | 47580.63 | 47969.06 | 47067.37 | 2.64 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 279.76 | 274.96 | 277.40 | 277.37 | 0.87 | ppb |
| Cobalt | 59-2 | 509.13 | 514.38 | 512.00 | 511.84 | 0.51 | ppb |
| Copper | 63-2 | 2254.24 | 2246.68 | 2252.70 | 2251.21 | 0.18 | 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 | | | | 112 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 122 | | % |
| Indium | 115-2 | | | | 116 | | % |
| Iron | 56-2 | 178385.37 | 177922.87 | 178469.78 | 178259.34 | 0.17 | ppb |
| Iron | 57-2 | 177923.68 | 176574.55 | 176392.55 | 176963.59 | 0.47 | ppb |
| Iron | 54-2 | 179965.16 | 178020.83 | 178570.34 | 178852.11 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:56:35 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3299.31 | 3415.29 | 3493.20 | 3402.60 | 2.87 | ppb |
| Lead | 207-1 | 3239.20 | 3360.32 | 3417.76 | 3339.09 | 2.73 | ppb |
| Lead | 208-1 | 3252.50 | 3360.05 | 3417.67 | 3343.41 | 2.51 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 6711.47 | 6633.81 | 6606.43 | 6650.57 | 0.82 | ppb |
| Manganese | 55-2 | 708.07 | 695.19 | 701.40 | 701.56 | 0.92 | ppb |
| Molybdenum | 94-1 | 367.71 | 369.04 | 373.46 | 370.07 | 0.81 | ppb |
| Molybdenum | 95-1 | 409.87 | 422.20 | 421.98 | 418.02 | 1.69 | ppb |
| Molybdenum | 96-1 | 405.33 | 417.23 | 422.42 | 414.99 | 2.11 | ppb |
| Molybdenum | 97-1 | 402.37 | 420.59 | 426.20 | 416.39 | 2.99 | ppb |
| Molybdenum | 98-1 | 405.53 | 410.77 | 416.33 | 410.88 | 1.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 78.53 | 78.37 | 78.90 | 78.60 | 0.34 | ppb |
| Phosphorus | 31-2 | 1032.00 | 1037.96 | 1020.47 | 1030.14 | 0.86 | ppb |
| Potassium | 39-2 | 3515.10 | 3555.13 | 3488.15 | 3519.46 | 0.96 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 232.80 | 239.62 | 241.09 | 237.84 | 1.86 | ppb |
| Selenium | 77-2 | 239.03 | 249.46 | 238.98 | 242.49 | 2.49 | ppb |
| Selenium | 78-2 | 247.06 | 237.97 | 245.79 | 243.61 | 2.02 | ppb |
| Silicon | 28-1 | 1765.13 | 1849.23 | 1821.30 | 1811.89 | 2.36 | ppb |
| Silver | 107-1 | 5.14 | 5.22 | 5.34 | 5.23 | 1.95 | ppb |
| Silver | 109-1 | 5.05 | 5.17 | 5.26 | 5.16 | 2.05 | ppb |
| Sodium | 23-2 | 11476.77 | 11474.15 | 11478.87 | 11476.60 | 0.02 | ppb |
| Strontium | 86-1 | 5482.67 | 5650.00 | 5692.04 | 5608.24 | 1.97 | ppb |
| Strontium | 88-1 | 5662.55 | 5744.59 | 5816.64 | 5741.26 | 1.34 | ppb |
| Sulfur | 34-1 | 3439.50 | 3847.11 | 3855.39 | 3714.00 | 6.40 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 167.74 | 172.52 | 178.17 | 172.81 | 3.02 | ppb |
| Thallium | 205-1 | 169.23 | 173.38 | 177.44 | 173.35 | 2.37 | ppb |
| Tin | 118-1 | 475.88 | 478.68 | 495.95 | 483.50 | 2.25 | ppb |
| Titanium | 47-1 | 712.00 | 743.18 | 748.77 | 734.65 | 2.70 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:56:35 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4.45 | 4.59 | 4.63 | 4.56 | 2.05 | ppb |
| Vanadium | 51-2 | 45.39 | 44.94 | 45.45 | 45.26 | 0.62 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 12023.78 | 11963.27 | 12057.21 | 12014.75 | 0.40 | ppb |
| Zirconium | 90-1 | 16.89 | 17.44 | 17.58 | 17.30 | 2.10 | ppb |
| Zirconium | 91-1 | 18.14 | 18.55 | 18.98 | 18.56 | 2.25 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:44:56 | DataFile Name : | 143CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50568.38 | 51232.75 | 50693.69 | 50831.61 | 0.69 | ppb |
| Antimony | 121-1 | 501.54 | 500.99 | 507.62 | 503.38 | 0.73 | ppb |
| Arsenic | 75-2 | 485.26 | 499.88 | 493.16 | 492.77 | 1.49 | ppb |
| Barium | 135-1 | 2515.45 | 2517.93 | 2539.70 | 2524.36 | 0.53 | ppb |
| Barium | 137-1 | 2526.40 | 2520.52 | 2541.02 | 2529.31 | 0.42 | ppb |
| Beryllium | 9-1 | 527.99 | 522.56 | 523.48 | 524.68 | 0.55 | ppb |
| Bismuth | 209-1 | | | | 93 | | % |
| Bismuth | 209-2 | | | | 88 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 490.84 | 484.48 | 493.85 | 489.73 | 0.98 | ppb |
| Cadmium | 106-1 | 493.88 | 486.86 | 491.59 | 490.78 | 0.73 | ppb |
| Cadmium | 111-1 | 473.71 | 471.30 | 475.45 | 473.49 | 0.44 | ppb |
| Calcium | 43-1 | 254307.77 | 257674.39 | 258319.77 | 256767.31 | 0.84 | ppb |
| Calcium | 44-1 | 254053.25 | 258714.98 | 257622.34 | 256796.86 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 507.06 | 515.81 | 510.65 | 511.17 | 0.86 | ppb |
| Cobalt | 59-2 | 503.71 | 505.88 | 497.40 | 502.33 | 0.88 | ppb |
| Copper | 63-2 | 4919.74 | 4919.90 | 4909.12 | 4916.25 | 0.13 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 93 | | % |
| Indium | 115-1 | | | | 87 | | % |
| Indium | 115-2 | | | | 83 | | % |
| Iron | 56-2 | 129394.11 | 131685.70 | 128169.28 | 129749.70 | 1.38 | ppb |
| Iron | 57-2 | 129432.83 | 130656.55 | 129993.25 | 130027.54 | 0.47 | ppb |
| Iron | 54-2 | 130948.49 | 131047.61 | 130051.19 | 130682.43 | 0.42 | 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 : | CCV017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:44:56 | DataFile Name : | 143CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2577.51 | 2550.96 | 2618.86 | 2582.45 | 1.33 | ppb |
| Lead | 207-1 | 2555.78 | 2548.93 | 2581.13 | 2561.95 | 0.66 | ppb |
| Lead | 208-1 | 2569.66 | 2550.07 | 2604.45 | 2574.73 | 1.07 | ppb |
| Lithium | 6-1 | | | | 86 | | % |
| Magnesium | 24-2 | 250462.14 | 252497.60 | 249587.50 | 250849.08 | 0.60 | ppb |
| Manganese | 55-2 | 5020.99 | 5022.70 | 4926.79 | 4990.16 | 1.10 | ppb |
| Molybdenum | 94-1 | 5135.51 | 5111.51 | 5184.39 | 5143.80 | 0.72 | ppb |
| Molybdenum | 95-1 | 5129.49 | 5116.01 | 5210.79 | 5152.10 | 1.00 | ppb |
| Molybdenum | 96-1 | 5161.92 | 5128.35 | 5152.64 | 5147.63 | 0.34 | ppb |
| Molybdenum | 97-1 | 5134.48 | 5170.88 | 5179.43 | 5161.60 | 0.46 | ppb |
| Molybdenum | 98-1 | 5139.08 | 5128.51 | 5180.31 | 5149.30 | 0.53 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 476.46 | 479.41 | 474.31 | 476.73 | 0.54 | ppb |
| Phosphorus | 31-2 | 9953.94 | 10054.72 | 9791.86 | 9933.51 | 1.34 | ppb |
| Potassium | 39-2 | 123548.06 | 124191.90 | 123426.07 | 123722.01 | 0.33 | ppb |
| Rhodium | 103-1 | | | | 83 | | % |
| Rhodium | 103-2 | | | | 81 | | % |
| Scandium | 45-1 | | | | 86 | | % |
| Scandium | 45-2 | | | | 79 | | % |
| Selenium | 82-1 | 479.94 | 480.78 | 493.43 | 484.72 | 1.56 | ppb |
| Selenium | 77-2 | 469.00 | 468.54 | 469.89 | 469.14 | 0.15 | ppb |
| Selenium | 78-2 | 475.59 | 486.00 | 483.82 | 481.80 | 1.14 | ppb |
| Silicon | 28-1 | 249.66 | 251.16 | 253.07 | 251.29 | 0.68 | ppb |
| Silver | 107-1 | 496.16 | 484.52 | 489.01 | 489.90 | 1.20 | ppb |
| Silver | 109-1 | 497.62 | 489.32 | 485.82 | 490.92 | 1.23 | ppb |
| Sodium | 23-2 | 251198.29 | 253316.43 | 249670.98 | 251395.23 | 0.73 | ppb |
| Strontium | 86-1 | 12791.41 | 12859.74 | 12789.60 | 12813.59 | 0.31 | ppb |
| Strontium | 88-1 | 12642.03 | 12781.86 | 12793.53 | 12739.14 | 0.66 | ppb |
| Sulfur | 34-1 | 10477.14 | 10408.59 | 10435.26 | 10440.33 | 0.33 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 94 | | % |
| Thallium | 203-1 | 513.06 | 508.06 | 527.16 | 516.09 | 1.92 | ppb |
| Thallium | 205-1 | 522.12 | 517.61 | 528.83 | 522.85 | 1.08 | ppb |
| Tin | 118-1 | 505.12 | 505.97 | 503.12 | 504.74 | 0.29 | ppb |
| Titanium | 47-1 | 5096.16 | 5043.92 | 5090.02 | 5076.70 | 0.56 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:44:56 | DataFile Name : | 143CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 513.19 | 511.48 | 527.91 | 517.52 | 1.75 | ppb |
| Vanadium | 51-2 | 519.13 | 526.83 | 508.88 | 518.28 | 1.74 | ppb |
| Yttrium | 89-1 | | | | 90 | | % |
| Yttrium | 89-2 | | | | 84 | | % |
| Zinc | 66-2 | 4828.67 | 4906.38 | 4832.03 | 4855.69 | 0.90 | ppb |
| Zirconium | 90-1 | 505.00 | 517.04 | 510.52 | 510.86 | 1.18 | ppb |
| Zirconium | 91-1 | 513.12 | 513.59 | 527.92 | 518.21 | 1.62 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:47:40 | DataFile Name : | 144CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.25 | 0.37 | 0.48 | 0.36 | 32.01 | ppb |
| Antimony | 121-1 | 0.20 | 0.18 | 0.17 | 0.18 | 8.89 | ppb |
| Arsenic | 75-2 | -0.01 | 0.02 | 0.01 | 0.01 | 259.08 | ppb |
| Barium | 135-1 | 0.03 | 0.02 | 0.02 | 0.03 | 22.58 | ppb |
| Barium | 137-1 | 0.03 | 0.02 | 0.03 | 0.03 | 17.91 | ppb |
| Beryllium | 9-1 | 0.07 | 0.04 | 0.04 | 0.05 | 39.85 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.04 | -0.01 | -0.04 | 0.00 | | ppb |
| Cadmium | 106-1 | -0.76 | -1.21 | -1.99 | -1.32 | | ppb |
| Cadmium | 111-1 | -0.01 | -0.01 | -0.03 | -0.02 | | ppb |
| Calcium | 43-1 | 3.09 | 2.29 | 2.62 | 2.67 | 15.03 | ppb |
| Calcium | 44-1 | 2.46 | 1.63 | 1.41 | 1.83 | 30.18 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.00 | 0.03 | 0.00 | 0.01 | 156.26 | ppb |
| Cobalt | 59-2 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.07 | 0.08 | 0.07 | 0.08 | 3.84 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 96 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 1.35 | 1.11 | 1.08 | 1.18 | 12.42 | ppb |
| Iron | 57-2 | 0.01 | -0.26 | -0.48 | -0.24 | | ppb |
| Iron | 54-2 | 0.80 | 1.36 | 1.00 | 1.05 | 26.96 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:47:40 | DataFile Name : | 144CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.07 | 0.06 | 0.05 | 0.06 | 15.34 | ppb |
| Lead | 207-1 | 0.07 | 0.05 | 0.05 | 0.06 | 20.34 | ppb |
| Lead | 208-1 | 0.08 | 0.06 | 0.05 | 0.06 | 22.34 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 2.24 | 1.75 | 1.96 | 1.98 | 12.47 | ppb |
| Manganese | 55-2 | 0.07 | 0.06 | 0.07 | 0.07 | 13.39 | ppb |
| Molybdenum | 94-1 | 0.24 | 0.16 | 0.15 | 0.18 | 25.78 | ppb |
| Molybdenum | 95-1 | 0.19 | 0.14 | 0.14 | 0.16 | 20.82 | ppb |
| Molybdenum | 96-1 | 0.20 | 0.16 | 0.13 | 0.16 | 19.73 | ppb |
| Molybdenum | 97-1 | 0.21 | 0.16 | 0.17 | 0.18 | 13.15 | ppb |
| Molybdenum | 98-1 | 0.22 | 0.17 | 0.16 | 0.18 | 17.95 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.01 | -0.08 | -0.03 | -0.04 | | ppb |
| Phosphorus | 31-2 | -15.76 | -17.05 | -18.69 | -17.17 | | ppb |
| Potassium | 39-2 | 6.01 | 4.40 | 4.92 | 5.11 | 16.11 | ppb |
| Rhodium | 103-1 | | | | 90 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 83 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 0.32 | 0.50 | -0.25 | 0.19 | 206.70 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.18 | 0.06 | 173.21 | ppb |
| Selenium | 78-2 | -1.71 | -1.54 | -0.30 | -1.18 | | ppb |
| Silicon | 28-1 | -2.43 | -3.60 | -3.70 | -3.24 | | ppb |
| Silver | 107-1 | 0.05 | 0.04 | 0.03 | 0.04 | 19.28 | ppb |
| Silver | 109-1 | 0.04 | 0.04 | 0.04 | 0.04 | 6.25 | ppb |
| Sodium | 23-2 | 13.69 | 13.17 | 13.25 | 13.37 | 2.09 | ppb |
| Strontium | 86-1 | -0.11 | -0.03 | 0.36 | 0.07 | 349.60 | ppb |
| Strontium | 88-1 | 0.17 | 0.23 | 0.16 | 0.19 | 20.41 | ppb |
| Sulfur | 34-1 | 88.48 | -98.68 | -169.98 | -60.06 | | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.03 | 0.03 | 0.03 | 0.03 | 3.34 | ppb |
| Thallium | 205-1 | 0.05 | 0.04 | 0.04 | 0.04 | 14.66 | ppb |
| Tin | 118-1 | 0.05 | 0.03 | 0.04 | 0.04 | 19.48 | ppb |
| Titanium | 47-1 | 0.10 | 0.07 | 0.07 | 0.08 | 17.14 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:47:40 | DataFile Name : | 144CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.01 | 0.01 | 0.01 | 0.01 | 15.29 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 131.27 | ppb |
| Yttrium | 89-1 | | | | 90 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 0.16 | 0.07 | 0.12 | 0.12 | 37.44 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.02 | 0.02 | 13.41 | ppb |
| Zirconium | 91-1 | 0.03 | 0.03 | 0.03 | 0.03 | 12.73 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:51:01 | DataFile Name : | 145SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3628.36 | 3662.56 | 3634.83 | 3641.92 | 0.50 | ppb |
| Antimony | 121-1 | 4.36 | 4.62 | 4.50 | 4.49 | 2.89 | ppb |
| Arsenic | 75-2 | 8.29 | 8.43 | 8.40 | 8.37 | 0.90 | ppb |
| Barium | 135-1 | 82.57 | 86.26 | 85.25 | 84.70 | 2.25 | ppb |
| Barium | 137-1 | 83.32 | 87.62 | 86.33 | 85.76 | 2.57 | ppb |
| Beryllium | 9-1 | 0.58 | 0.66 | 0.64 | 0.63 | 6.75 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.11 | 3.12 | 3.38 | 3.20 | 4.72 | ppb |
| Cadmium | 106-1 | 1.98 | 1.79 | 2.07 | 1.95 | 7.28 | ppb |
| Cadmium | 111-1 | 2.53 | 2.67 | 2.65 | 2.61 | 2.93 | ppb |
| Calcium | 43-1 | 38962.15 | 40156.40 | 41120.00 | 40079.52 | 2.70 | ppb |
| Calcium | 44-1 | 38480.20 | 40174.27 | 40354.73 | 39669.73 | 2.61 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 586.72 | 581.88 | 579.13 | 582.58 | 0.66 | ppb |
| Cobalt | 59-2 | 8.28 | 8.26 | 8.14 | 8.23 | 0.91 | ppb |
| Copper | 63-2 | 47.91 | 47.88 | 48.13 | 47.97 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 88108.82 | 87492.10 | 87212.36 | 87604.43 | 0.52 | ppb |
| Iron | 57-2 | 86917.84 | 86746.68 | 86803.15 | 86822.56 | 0.10 | ppb |
| Iron | 54-2 | 88611.93 | 87743.33 | 88253.31 | 88202.86 | 0.49 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:51:01 | DataFile Name : | 145SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 408.35 | 427.40 | 428.76 | 421.50 | 2.71 | ppb |
| Lead | 207-1 | 384.64 | 400.71 | 408.16 | 397.84 | 3.02 | ppb |
| Lead | 208-1 | 392.07 | 408.67 | 412.08 | 404.27 | 2.65 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 7456.87 | 7544.67 | 7418.91 | 7473.48 | 0.86 | ppb |
| Manganese | 55-2 | 4601.61 | 4575.90 | 4513.83 | 4563.78 | 0.99 | ppb |
| Molybdenum | 94-1 | 11.16 | 11.69 | 11.86 | 11.57 | 3.18 | ppb |
| Molybdenum | 95-1 | 10.82 | 10.99 | 11.04 | 10.95 | 1.07 | ppb |
| Molybdenum | 96-1 | 11.19 | 11.60 | 11.84 | 11.55 | 2.86 | ppb |
| Molybdenum | 97-1 | 10.70 | 11.13 | 11.36 | 11.06 | 3.04 | ppb |
| Molybdenum | 98-1 | 10.63 | 11.10 | 11.07 | 10.93 | 2.41 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 211.93 | 212.11 | 212.40 | 212.15 | 0.11 | ppb |
| Phosphorus | 31-2 | 634.39 | 619.77 | 612.98 | 622.38 | 1.76 | ppb |
| Potassium | 39-2 | 717.68 | 717.34 | 712.97 | 716.00 | 0.37 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.28 | 0.76 | 0.89 | 0.64 | 49.95 | ppb |
| Selenium | 77-2 | 1.34 | 1.84 | 2.83 | 2.00 | 37.90 | ppb |
| Selenium | 78-2 | 0.37 | -0.24 | -1.03 | -0.30 | | ppb |
| Silicon | 28-1 | 380.45 | 401.84 | 400.44 | 394.25 | 3.04 | ppb |
| Silver | 107-1 | 1.43 | 1.51 | 1.47 | 1.47 | 2.83 | ppb |
| Silver | 109-1 | 1.42 | 1.52 | 1.49 | 1.48 | 3.47 | ppb |
| Sodium | 23-2 | 158.46 | 161.19 | 159.44 | 159.70 | 0.87 | ppb |
| Strontium | 86-1 | 1490.60 | 1561.63 | 1564.51 | 1538.91 | 2.72 | ppb |
| Strontium | 88-1 | 1570.17 | 1613.50 | 1613.98 | 1599.22 | 1.57 | ppb |
| Sulfur | 34-1 | 470.02 | 637.19 | 617.78 | 575.00 | 15.90 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.61 | 0.66 | 0.64 | 0.64 | 3.82 | ppb |
| Thallium | 205-1 | 0.64 | 0.66 | 0.64 | 0.65 | 2.04 | ppb |
| Tin | 118-1 | 4.72 | 4.93 | 4.89 | 4.85 | 2.37 | ppb |
| Titanium | 47-1 | 187.88 | 196.68 | 195.59 | 193.38 | 2.48 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:51:01 | DataFile Name : | 145SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.39 | 0.40 | 0.42 | 0.40 | 3.81 | ppb |
| Vanadium | 51-2 | 33.94 | 34.36 | 33.91 | 34.07 | 0.73 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 1077.13 | 1082.55 | 1083.01 | 1080.90 | 0.30 | ppb |
| Zirconium | 90-1 | 1.38 | 1.46 | 1.44 | 1.43 | 2.84 | ppb |
| Zirconium | 91-1 | 1.44 | 1.45 | 1.50 | 1.46 | 2.19 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:54:10 | DataFile Name : | 146SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6998.32 | 7007.78 | 6943.26 | 6983.12 | 0.50 | ppb |
| Antimony | 121-1 | 1092.76 | 1112.31 | 1100.14 | 1101.74 | 0.90 | ppb |
| Arsenic | 75-2 | 2867.45 | 2853.22 | 2900.18 | 2873.62 | 0.84 | ppb |
| Barium | 135-1 | 103.14 | 104.79 | 103.42 | 103.78 | 0.85 | ppb |
| Barium | 137-1 | 104.24 | 105.93 | 105.76 | 105.31 | 0.88 | ppb |
| Beryllium | 9-1 | 0.71 | 0.72 | 0.68 | 0.70 | 2.90 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 7.13 | 7.72 | 7.80 | 7.55 | 4.88 | ppb |
| Cadmium | 106-1 | 7.02 | 7.04 | 6.13 | 6.73 | 7.67 | ppb |
| Cadmium | 111-1 | 4.24 | 4.29 | 4.35 | 4.30 | 1.30 | ppb |
| Calcium | 43-1 | 24078.71 | 24419.48 | 24425.22 | 24307.80 | 0.82 | ppb |
| Calcium | 44-1 | 23763.85 | 23794.86 | 23932.92 | 23830.54 | 0.38 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 60.78 | 60.49 | 60.81 | 60.69 | 0.29 | ppb |
| Cobalt | 59-2 | 93.43 | 92.91 | 92.77 | 93.03 | 0.38 | ppb |
| Copper | 63-2 | 1120.73 | 1101.50 | 1107.06 | 1109.76 | 0.89 | ppb |
| Dysprosium | 156-1 | | | | | | 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 | | | | 108 | | % |
| Indium | 115-2 | | | | 107 | | % |
| Iron | 56-2 | 87481.05 | 87504.15 | 86749.24 | 87244.81 | 0.49 | ppb |
| Iron | 57-2 | 86146.20 | 85835.03 | 85476.68 | 85819.30 | 0.39 | ppb |
| Iron | 54-2 | 86985.23 | 87010.75 | 87442.13 | 87146.04 | 0.29 | 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 : | P5364-06DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:54:10 | DataFile Name : | 146SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1660.72 | 1670.33 | 1659.91 | 1663.65 | 0.35 | ppb |
| Lead | 207-1 | 1646.39 | 1637.61 | 1652.71 | 1645.57 | 0.46 | ppb |
| Lead | 208-1 | 1650.38 | 1656.13 | 1654.96 | 1653.82 | 0.18 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 3257.72 | 3278.98 | 3272.47 | 3269.72 | 0.33 | ppb |
| Manganese | 55-2 | 342.16 | 347.17 | 348.40 | 345.91 | 0.96 | ppb |
| Molybdenum | 94-1 | 182.19 | 186.24 | 183.27 | 183.90 | 1.14 | ppb |
| Molybdenum | 95-1 | 200.58 | 203.34 | 203.07 | 202.33 | 0.75 | ppb |
| Molybdenum | 96-1 | 199.35 | 204.33 | 204.75 | 202.81 | 1.48 | ppb |
| Molybdenum | 97-1 | 203.27 | 206.82 | 204.64 | 204.91 | 0.87 | ppb |
| Molybdenum | 98-1 | 209.45 | 212.03 | 205.38 | 208.95 | 1.61 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 38.29 | 38.08 | 38.09 | 38.15 | 0.31 | ppb |
| Phosphorus | 31-2 | 490.45 | 511.15 | 495.05 | 498.88 | 2.18 | ppb |
| Potassium | 39-2 | 1752.50 | 1759.54 | 1772.89 | 1761.64 | 0.59 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 1.84 | 1.54 | 1.66 | 1.68 | 8.87 | ppb |
| Selenium | 77-2 | 3.37 | 2.59 | 2.61 | 2.86 | 15.61 | ppb |
| Selenium | 78-2 | 0.97 | -0.23 | 1.36 | 0.70 | 118.12 | ppb |
| Silicon | 28-1 | 810.16 | 837.70 | 842.25 | 830.04 | 2.09 | ppb |
| Silver | 107-1 | 2.63 | 2.65 | 2.65 | 2.65 | 0.51 | ppb |
| Silver | 109-1 | 2.63 | 2.67 | 2.66 | 2.65 | 0.73 | ppb |
| Sodium | 23-2 | 5608.73 | 5543.05 | 5616.64 | 5589.47 | 0.72 | ppb |
| Strontium | 86-1 | 2819.82 | 2890.59 | 2829.68 | 2846.70 | 1.35 | ppb |
| Strontium | 88-1 | 2908.36 | 2955.39 | 2918.75 | 2927.50 | 0.84 | ppb |
| Sulfur | 34-1 | 1910.69 | 1880.52 | 1840.06 | 1877.09 | 1.89 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 1.86 | 1.88 | 1.86 | 1.87 | 0.67 | ppb |
| Thallium | 205-1 | 1.86 | 1.90 | 1.87 | 1.88 | 0.90 | ppb |
| Tin | 118-1 | 241.42 | 251.18 | 243.81 | 245.47 | 2.07 | ppb |
| Titanium | 47-1 | 359.22 | 358.66 | 358.61 | 358.83 | 0.09 | ppb |

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 : | P5364-06DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:54:10 | DataFile Name : | 146SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.25 | 2.29 | 2.28 | 2.27 | 0.99 | ppb |
| Vanadium | 51-2 | 22.29 | 21.74 | 22.19 | 22.08 | 1.33 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 5795.72 | 5766.24 | 5759.33 | 5773.77 | 0.33 | ppb |
| Zirconium | 90-1 | 8.63 | 8.75 | 8.66 | 8.68 | 0.70 | ppb |
| Zirconium | 91-1 | 9.20 | 9.48 | 9.22 | 9.30 | 1.65 | 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 : | P5364-07DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:57:15 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6746.63 | 6869.40 | 6770.79 | 6795.61 | 0.96 | ppb |
| Antimony | 121-1 | 1048.13 | 1099.52 | 1104.42 | 1084.02 | 2.88 | ppb |
| Arsenic | 75-2 | 2857.34 | 2878.18 | 2876.98 | 2870.83 | 0.41 | ppb |
| Barium | 135-1 | 97.39 | 103.90 | 105.15 | 102.15 | 4.08 | ppb |
| Barium | 137-1 | 98.87 | 105.08 | 105.82 | 103.26 | 3.69 | ppb |
| Beryllium | 9-1 | 0.70 | 0.73 | 0.64 | 0.69 | 6.45 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 7.58 | 7.79 | 7.55 | 7.64 | 1.71 | ppb |
| Cadmium | 106-1 | 6.88 | 6.88 | 6.80 | 6.85 | 0.70 | ppb |
| Cadmium | 111-1 | 4.07 | 4.23 | 4.26 | 4.19 | 2.43 | ppb |
| Calcium | 43-1 | 22560.15 | 23991.80 | 24130.86 | 23560.94 | 3.69 | ppb |
| Calcium | 44-1 | 22116.67 | 23343.49 | 23457.89 | 22972.68 | 3.24 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 59.12 | 60.02 | 59.63 | 59.59 | 0.76 | ppb |
| Cobalt | 59-2 | 90.64 | 91.72 | 90.36 | 90.91 | 0.79 | ppb |
| Copper | 63-2 | 1077.32 | 1089.96 | 1082.35 | 1083.21 | 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 | | | | 110 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 113 | | % |
| Indium | 115-2 | | | | 109 | | % |
| Iron | 56-2 | 84739.51 | 85720.29 | 85040.97 | 85166.92 | 0.59 | ppb |
| Iron | 57-2 | 83120.88 | 84554.44 | 83394.16 | 83689.82 | 0.91 | ppb |
| Iron | 54-2 | 84393.41 | 85988.68 | 84158.50 | 84846.86 | 1.17 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:57:15 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1548.85 | 1660.38 | 1650.61 | 1619.95 | 3.81 | ppb |
| Lead | 207-1 | 1532.20 | 1630.82 | 1611.71 | 1591.57 | 3.29 | ppb |
| Lead | 208-1 | 1541.63 | 1632.30 | 1632.95 | 1602.29 | 3.28 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 3181.60 | 3182.19 | 3193.55 | 3185.78 | 0.21 | ppb |
| Manganese | 55-2 | 340.87 | 343.64 | 337.27 | 340.59 | 0.94 | ppb |
| Molybdenum | 94-1 | 170.36 | 180.93 | 182.62 | 177.97 | 3.73 | ppb |
| Molybdenum | 95-1 | 189.33 | 199.65 | 201.66 | 196.88 | 3.36 | ppb |
| Molybdenum | 96-1 | 191.47 | 204.84 | 203.31 | 199.87 | 3.66 | ppb |
| Molybdenum | 97-1 | 191.18 | 201.98 | 202.55 | 198.57 | 3.23 | ppb |
| Molybdenum | 98-1 | 197.26 | 205.86 | 204.91 | 202.68 | 2.33 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 37.09 | 37.76 | 37.59 | 37.48 | 0.93 | ppb |
| Phosphorus | 31-2 | 468.56 | 500.58 | 479.06 | 482.73 | 3.38 | ppb |
| Potassium | 39-2 | 1709.43 | 1727.06 | 1715.68 | 1717.39 | 0.52 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 1.96 | 1.59 | 2.01 | 1.85 | 12.21 | ppb |
| Selenium | 77-2 | 3.12 | 3.95 | 4.51 | 3.86 | 18.06 | ppb |
| Selenium | 78-2 | 0.83 | 0.22 | 0.32 | 0.46 | 71.17 | ppb |
| Silicon | 28-1 | 765.32 | 818.47 | 824.27 | 802.69 | 4.05 | ppb |
| Silver | 107-1 | 2.54 | 2.66 | 2.72 | 2.64 | 3.60 | ppb |
| Silver | 109-1 | 2.49 | 2.68 | 2.66 | 2.61 | 4.04 | ppb |
| Sodium | 23-2 | 5423.89 | 5467.70 | 5492.61 | 5461.40 | 0.64 | ppb |
| Strontium | 86-1 | 2667.02 | 2834.89 | 2830.16 | 2777.36 | 3.44 | ppb |
| Strontium | 88-1 | 2736.68 | 2886.39 | 2872.61 | 2831.89 | 2.92 | ppb |
| Sulfur | 34-1 | 1450.53 | 1682.01 | 1752.03 | 1628.19 | 9.69 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 1.73 | 1.87 | 1.90 | 1.83 | 5.13 | ppb |
| Thallium | 205-1 | 1.74 | 1.90 | 1.87 | 1.84 | 4.55 | ppb |
| Tin | 118-1 | 232.62 | 249.46 | 243.28 | 241.79 | 3.52 | ppb |
| Titanium | 47-1 | 333.00 | 355.40 | 355.82 | 348.07 | 3.75 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:57:15 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.10 | 2.21 | 2.23 | 2.18 | 3.30 | ppb |
| Vanadium | 51-2 | 21.72 | 21.89 | 21.76 | 21.79 | 0.40 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 5611.39 | 5712.97 | 5676.53 | 5666.96 | 0.91 | ppb |
| Zirconium | 90-1 | 7.98 | 8.66 | 8.81 | 8.48 | 5.19 | ppb |
| Zirconium | 91-1 | 8.62 | 9.28 | 9.28 | 9.06 | 4.18 | 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 : | P5364-06LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:00:16 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1368.52 | 1353.84 | 1359.99 | 1360.78 | 0.54 | ppb |
| Antimony | 121-1 | 220.78 | 221.78 | 223.92 | 222.16 | 0.72 | ppb |
| Arsenic | 75-2 | 570.72 | 577.88 | 573.27 | 573.96 | 0.63 | ppb |
| Barium | 135-1 | 20.53 | 20.99 | 21.48 | 21.00 | 2.26 | ppb |
| Barium | 137-1 | 20.89 | 20.92 | 21.69 | 21.17 | 2.14 | ppb |
| Beryllium | 9-1 | 0.09 | 0.13 | 0.15 | 0.12 | 21.24 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.41 | 1.52 | 1.40 | 1.44 | 4.60 | ppb |
| Cadmium | 106-1 | 1.60 | 0.50 | 0.78 | 0.96 | 59.54 | ppb |
| Cadmium | 111-1 | 0.84 | 0.85 | 0.87 | 0.86 | 1.81 | ppb |
| Calcium | 43-1 | 4780.27 | 4893.59 | 4845.86 | 4839.90 | 1.18 | ppb |
| Calcium | 44-1 | 4694.95 | 4692.09 | 4723.80 | 4703.61 | 0.37 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 12.12 | 12.08 | 11.85 | 12.02 | 1.20 | ppb |
| Cobalt | 59-2 | 18.66 | 18.69 | 18.62 | 18.65 | 0.18 | ppb |
| Copper | 63-2 | 221.71 | 220.02 | 219.68 | 220.47 | 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 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 17323.37 | 17130.26 | 17133.33 | 17195.65 | 0.64 | ppb |
| Iron | 57-2 | 17434.44 | 17173.84 | 17157.03 | 17255.10 | 0.90 | ppb |
| Iron | 54-2 | 17523.11 | 17381.87 | 17341.50 | 17415.49 | 0.55 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:00:16 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 335.35 | 334.89 | 336.31 | 335.52 | 0.22 | ppb |
| Lead | 207-1 | 328.50 | 330.55 | 329.31 | 329.46 | 0.31 | ppb |
| Lead | 208-1 | 330.50 | 329.36 | 329.87 | 329.91 | 0.17 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 624.78 | 623.78 | 622.99 | 623.85 | 0.14 | ppb |
| Manganese | 55-2 | 67.58 | 67.41 | 66.60 | 67.19 | 0.78 | ppb |
| Molybdenum | 94-1 | 36.44 | 36.76 | 36.44 | 36.55 | 0.51 | ppb |
| Molybdenum | 95-1 | 40.47 | 40.33 | 40.08 | 40.29 | 0.50 | ppb |
| Molybdenum | 96-1 | 39.94 | 40.11 | 39.94 | 39.99 | 0.25 | ppb |
| Molybdenum | 97-1 | 40.63 | 41.06 | 40.87 | 40.85 | 0.53 | ppb |
| Molybdenum | 98-1 | 41.09 | 40.56 | 40.38 | 40.68 | 0.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 7.84 | 7.68 | 7.68 | 7.74 | 1.23 | ppb |
| Phosphorus | 31-2 | 88.17 | 80.05 | 86.89 | 85.04 | 5.13 | ppb |
| Potassium | 39-2 | 351.00 | 348.41 | 349.26 | 349.56 | 0.38 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.54 | 0.43 | 0.40 | 0.45 | 16.55 | ppb |
| Selenium | 77-2 | 0.77 | 0.94 | 0.62 | 0.78 | 20.45 | ppb |
| Selenium | 78-2 | -1.25 | 1.12 | -1.06 | -0.40 | | ppb |
| Silicon | 28-1 | 165.16 | 174.15 | 168.04 | 169.12 | 2.72 | ppb |
| Silver | 107-1 | 0.54 | 0.54 | 0.54 | 0.54 | 0.65 | ppb |
| Silver | 109-1 | 0.54 | 0.53 | 0.54 | 0.54 | 1.44 | ppb |
| Sodium | 23-2 | 1077.39 | 1072.57 | 1071.31 | 1073.75 | 0.30 | ppb |
| Strontium | 86-1 | 571.19 | 576.78 | 567.87 | 571.95 | 0.79 | ppb |
| Strontium | 88-1 | 565.49 | 564.92 | 567.18 | 565.86 | 0.21 | ppb |
| Sulfur | 34-1 | 28.38 | 125.80 | 55.90 | 70.03 | 71.72 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.38 | 0.37 | 0.36 | 0.37 | 2.24 | ppb |
| Thallium | 205-1 | 0.36 | 0.37 | 0.36 | 0.36 | 2.21 | ppb |
| Tin | 118-1 | 47.26 | 48.69 | 48.22 | 48.06 | 1.52 | ppb |
| Titanium | 47-1 | 70.44 | 71.67 | 70.60 | 70.91 | 0.94 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:00:16 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.45 | 0.45 | 0.45 | 0.45 | 0.36 | ppb |
| Vanadium | 51-2 | 4.49 | 4.37 | 4.24 | 4.37 | 2.83 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 1154.11 | 1150.20 | 1146.87 | 1150.39 | 0.31 | ppb |
| Zirconium | 90-1 | 1.71 | 1.73 | 1.73 | 1.72 | 0.51 | ppb |
| Zirconium | 91-1 | 1.79 | 1.82 | 1.75 | 1.79 | 2.18 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:03:25 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4190.56 | 4230.64 | 4131.67 | 4184.29 | 1.19 | ppb |
| Antimony | 121-1 | 63.91 | 64.75 | 63.55 | 64.07 | 0.96 | ppb |
| Arsenic | 75-2 | 214.57 | 217.66 | 216.49 | 216.24 | 0.72 | ppb |
| Barium | 135-1 | 241.91 | 241.34 | 238.63 | 240.63 | 0.73 | ppb |
| Barium | 137-1 | 245.39 | 245.19 | 242.20 | 244.26 | 0.73 | ppb |
| Beryllium | 9-1 | 5.31 | 5.29 | 5.23 | 5.28 | 0.78 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 47.72 | 48.80 | 46.94 | 47.82 | 1.95 | ppb |
| Cadmium | 106-1 | 46.63 | 46.82 | 46.59 | 46.68 | 0.26 | ppb |
| Cadmium | 111-1 | 50.32 | 50.12 | 49.04 | 49.83 | 1.38 | ppb |
| Calcium | 43-1 | 14020.50 | 14247.49 | 14132.57 | 14133.52 | 0.80 | ppb |
| Calcium | 44-1 | 13654.77 | 13702.95 | 13879.19 | 13745.64 | 0.86 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 33.24 | 33.98 | 33.91 | 33.71 | 1.21 | ppb |
| Cobalt | 59-2 | 66.51 | 67.29 | 67.91 | 67.24 | 1.05 | ppb |
| Copper | 63-2 | 280.39 | 278.55 | 274.27 | 277.73 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 15955.08 | 15981.45 | 16001.40 | 15979.31 | 0.15 | ppb |
| Iron | 57-2 | 15925.14 | 15861.73 | 15951.58 | 15912.82 | 0.29 | ppb |
| Iron | 54-2 | 15998.22 | 16102.19 | 16019.66 | 16040.02 | 0.34 | 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 : | P5364-08DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:03:25 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 262.21 | 265.75 | 264.09 | 264.01 | 0.67 | ppb |
| Lead | 207-1 | 254.82 | 258.88 | 252.99 | 255.56 | 1.18 | ppb |
| Lead | 208-1 | 257.53 | 259.64 | 256.21 | 257.79 | 0.67 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 2746.28 | 2733.68 | 2706.33 | 2728.76 | 0.75 | ppb |
| Manganese | 55-2 | 181.17 | 183.42 | 181.18 | 181.92 | 0.71 | ppb |
| Molybdenum | 94-1 | 6.25 | 6.23 | 6.24 | 6.24 | 0.20 | ppb |
| Molybdenum | 95-1 | 4.39 | 4.30 | 4.25 | 4.31 | 1.67 | ppb |
| Molybdenum | 96-1 | 4.68 | 4.71 | 4.58 | 4.66 | 1.52 | ppb |
| Molybdenum | 97-1 | 4.51 | 4.50 | 4.37 | 4.46 | 1.71 | ppb |
| Molybdenum | 98-1 | 4.43 | 4.36 | 4.39 | 4.39 | 0.77 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 62.21 | 62.94 | 62.50 | 62.55 | 0.59 | ppb |
| Phosphorus | 31-2 | 456.09 | 444.59 | 420.76 | 440.48 | 4.09 | ppb |
| Potassium | 39-2 | 1061.30 | 1081.95 | 1068.67 | 1070.64 | 0.98 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 113.38 | 112.19 | 114.13 | 113.23 | 0.86 | ppb |
| Selenium | 77-2 | 107.31 | 108.20 | 122.35 | 112.62 | 7.50 | ppb |
| Selenium | 78-2 | 110.03 | 118.74 | 117.63 | 115.46 | 4.10 | ppb |
| Silicon | 28-1 | 137.97 | 163.58 | 146.70 | 149.42 | 8.71 | ppb |
| Silver | 107-1 | 5.76 | 5.89 | 5.70 | 5.78 | 1.66 | ppb |
| Silver | 109-1 | 5.86 | 5.79 | 5.67 | 5.77 | 1.70 | ppb |
| Sodium | 23-2 | 5878.82 | 5888.74 | 5923.68 | 5897.08 | 0.40 | ppb |
| Strontium | 86-1 | 2579.79 | 2529.29 | 2556.39 | 2555.16 | 0.99 | ppb |
| Strontium | 88-1 | 2642.48 | 2596.51 | 2588.58 | 2609.19 | 1.12 | ppb |
| Sulfur | 34-1 | 1532.11 | 1669.55 | 1704.56 | 1635.41 | 5.57 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 84.68 | 86.20 | 84.66 | 85.18 | 1.04 | ppb |
| Thallium | 205-1 | 88.88 | 87.96 | 88.30 | 88.38 | 0.52 | ppb |
| Tin | 118-1 | 18.79 | 18.85 | 18.56 | 18.73 | 0.81 | ppb |
| Titanium | 47-1 | 247.40 | 252.46 | 252.88 | 250.91 | 1.22 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:03:25 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.66 | 0.65 | 0.65 | 0.65 | 0.35 | ppb |
| Vanadium | 51-2 | 68.00 | 67.82 | 68.33 | 68.05 | 0.38 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 889.79 | 901.74 | 890.99 | 894.17 | 0.74 | ppb |
| Zirconium | 90-1 | 1.42 | 1.41 | 1.46 | 1.43 | 1.69 | ppb |
| Zirconium | 91-1 | 1.50 | 1.45 | 1.45 | 1.47 | 2.08 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:06:31 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2705.88 | 2697.56 | 2735.73 | 2713.06 | 0.74 | ppb |
| Antimony | 121-1 | 454.99 | 455.93 | 449.02 | 453.31 | 0.83 | ppb |
| Arsenic | 75-2 | 1122.97 | 1114.79 | 1124.10 | 1120.62 | 0.45 | ppb |
| Barium | 135-1 | 40.97 | 40.94 | 40.77 | 40.89 | 0.27 | ppb |
| Barium | 137-1 | 41.44 | 41.81 | 41.90 | 41.72 | 0.58 | ppb |
| Beryllium | 9-1 | 0.25 | 0.25 | 0.31 | 0.27 | 12.10 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.37 | 2.90 | 3.91 | 3.39 | 14.99 | ppb |
| Cadmium | 106-1 | 3.58 | 3.10 | 2.52 | 3.07 | 17.33 | ppb |
| Cadmium | 111-1 | 1.74 | 1.79 | 1.69 | 1.74 | 2.71 | ppb |
| Calcium | 43-1 | 9648.35 | 9700.66 | 9747.43 | 9698.81 | 0.51 | ppb |
| Calcium | 44-1 | 9405.70 | 9442.58 | 9472.83 | 9440.37 | 0.36 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 23.97 | 23.97 | 23.90 | 23.95 | 0.16 | ppb |
| Cobalt | 59-2 | 37.19 | 36.62 | 37.12 | 36.98 | 0.84 | ppb |
| Copper | 63-2 | 452.28 | 448.69 | 450.57 | 450.51 | 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 | | | | 104 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 34239.91 | 34067.70 | 33936.58 | 34081.39 | 0.45 | ppb |
| Iron | 57-2 | 34056.54 | 33997.80 | 33613.82 | 33889.39 | 0.71 | ppb |
| Iron | 54-2 | 34581.41 | 34138.98 | 34451.52 | 34390.64 | 0.66 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:06:31 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 660.23 | 653.68 | 658.44 | 657.45 | 0.51 | ppb |
| Lead | 207-1 | 651.99 | 642.97 | 649.09 | 648.02 | 0.71 | ppb |
| Lead | 208-1 | 655.07 | 644.96 | 650.61 | 650.21 | 0.78 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 1233.93 | 1233.10 | 1248.42 | 1238.48 | 0.70 | ppb |
| Manganese | 55-2 | 134.56 | 133.46 | 134.62 | 134.21 | 0.49 | ppb |
| Molybdenum | 94-1 | 72.01 | 73.00 | 72.51 | 72.51 | 0.68 | ppb |
| Molybdenum | 95-1 | 79.56 | 80.34 | 79.68 | 79.86 | 0.52 | ppb |
| Molybdenum | 96-1 | 79.64 | 80.73 | 79.13 | 79.83 | 1.02 | ppb |
| Molybdenum | 97-1 | 80.32 | 81.80 | 80.00 | 80.71 | 1.19 | ppb |
| Molybdenum | 98-1 | 79.65 | 81.74 | 80.36 | 80.58 | 1.32 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 15.44 | 15.40 | 15.71 | 15.52 | 1.10 | ppb |
| Phosphorus | 31-2 | 196.64 | 190.04 | 202.36 | 196.35 | 3.14 | ppb |
| Potassium | 39-2 | 704.19 | 692.62 | 699.23 | 698.68 | 0.83 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.77 | 1.30 | 0.84 | 0.97 | 29.48 | ppb |
| Selenium | 77-2 | 2.42 | 1.96 | 0.91 | 1.76 | 43.90 | ppb |
| Selenium | 78-2 | 0.60 | 0.93 | -0.16 | 0.46 | 122.56 | ppb |
| Silicon | 28-1 | 315.31 | 316.98 | 309.52 | 313.94 | 1.25 | ppb |
| Silver | 107-1 | 1.09 | 1.15 | 1.10 | 1.11 | 3.04 | ppb |
| Silver | 109-1 | 1.12 | 1.13 | 1.11 | 1.12 | 1.01 | ppb |
| Sodium | 23-2 | 2269.31 | 2257.57 | 2270.43 | 2265.77 | 0.31 | ppb |
| Strontium | 86-1 | 1124.73 | 1166.87 | 1138.48 | 1143.36 | 1.88 | ppb |
| Strontium | 88-1 | 1157.09 | 1164.19 | 1169.50 | 1163.59 | 0.53 | ppb |
| Sulfur | 34-1 | 645.34 | 611.51 | 578.99 | 611.95 | 5.42 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.76 | 0.76 | 0.76 | 0.76 | 0.34 | ppb |
| Thallium | 205-1 | 0.78 | 0.76 | 0.75 | 0.76 | 1.83 | ppb |
| Tin | 118-1 | 97.03 | 97.83 | 97.25 | 97.37 | 0.42 | ppb |
| Titanium | 47-1 | 141.39 | 141.43 | 139.15 | 140.66 | 0.93 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:06:31 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.91 | 0.88 | 0.88 | 0.89 | 1.48 | ppb |
| Vanadium | 51-2 | 8.77 | 8.67 | 8.90 | 8.78 | 1.32 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 2281.68 | 2293.15 | 2314.67 | 2296.50 | 0.73 | ppb |
| Zirconium | 90-1 | 3.43 | 3.48 | 3.37 | 3.43 | 1.58 | ppb |
| Zirconium | 91-1 | 3.74 | 3.75 | 3.72 | 3.74 | 0.34 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:09:39 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2675.96 | 2682.94 | 2676.49 | 2678.46 | 0.15 | ppb |
| Antimony | 121-1 | 450.69 | 455.82 | 452.23 | 452.91 | 0.58 | ppb |
| Arsenic | 75-2 | 1120.21 | 1138.73 | 1135.14 | 1131.36 | 0.87 | ppb |
| Barium | 135-1 | 40.40 | 40.98 | 41.33 | 40.91 | 1.15 | ppb |
| Barium | 137-1 | 41.06 | 41.47 | 41.79 | 41.44 | 0.88 | ppb |
| Beryllium | 9-1 | 0.27 | 0.25 | 0.26 | 0.26 | 4.42 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.17 | 3.25 | 3.13 | 3.18 | 2.00 | ppb |
| Cadmium | 106-1 | 2.92 | 2.56 | 2.96 | 2.81 | 7.92 | ppb |
| Cadmium | 111-1 | 1.73 | 1.64 | 1.64 | 1.67 | 3.31 | ppb |
| Calcium | 43-1 | 9541.58 | 9817.09 | 9691.76 | 9683.48 | 1.42 | ppb |
| Calcium | 44-1 | 9289.98 | 9384.56 | 9522.31 | 9398.95 | 1.24 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 23.87 | 23.62 | 24.01 | 23.83 | 0.82 | ppb |
| Cobalt | 59-2 | 36.55 | 36.51 | 36.58 | 36.55 | 0.09 | ppb |
| Copper | 63-2 | 449.03 | 441.09 | 454.62 | 448.25 | 1.52 | 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 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 33561.64 | 34011.08 | 33801.58 | 33791.43 | 0.67 | ppb |
| Iron | 57-2 | 33689.56 | 33843.85 | 33590.18 | 33707.87 | 0.38 | ppb |
| Iron | 54-2 | 34344.30 | 34146.01 | 34183.65 | 34224.65 | 0.31 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:09:39 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 642.34 | 656.32 | 656.76 | 651.81 | 1.26 | ppb |
| Lead | 207-1 | 633.49 | 647.83 | 648.90 | 643.41 | 1.34 | ppb |
| Lead | 208-1 | 635.02 | 651.60 | 650.28 | 645.64 | 1.43 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 1222.82 | 1228.34 | 1234.53 | 1228.56 | 0.48 | ppb |
| Manganese | 55-2 | 133.34 | 133.83 | 132.87 | 133.35 | 0.36 | ppb |
| Molybdenum | 94-1 | 70.99 | 72.08 | 72.57 | 71.88 | 1.12 | ppb |
| Molybdenum | 95-1 | 78.63 | 79.58 | 80.09 | 79.43 | 0.94 | ppb |
| Molybdenum | 96-1 | 78.41 | 79.25 | 79.53 | 79.06 | 0.74 | ppb |
| Molybdenum | 97-1 | 79.46 | 80.28 | 80.89 | 80.21 | 0.89 | ppb |
| Molybdenum | 98-1 | 79.31 | 80.64 | 80.77 | 80.24 | 1.00 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 15.46 | 15.13 | 15.25 | 15.28 | 1.09 | ppb |
| Phosphorus | 31-2 | 192.92 | 195.54 | 203.32 | 197.26 | 2.74 | ppb |
| Potassium | 39-2 | 692.35 | 700.16 | 700.46 | 697.66 | 0.66 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.86 | 0.75 | 0.63 | 0.75 | 15.46 | ppb |
| Selenium | 77-2 | 1.67 | 1.54 | 0.77 | 1.32 | 36.50 | ppb |
| Selenium | 78-2 | -0.32 | 0.25 | 1.30 | 0.41 | 200.05 | ppb |
| Silicon | 28-1 | 315.67 | 315.67 | 318.30 | 316.55 | 0.48 | ppb |
| Silver | 107-1 | 1.09 | 1.12 | 1.12 | 1.11 | 1.34 | ppb |
| Silver | 109-1 | 1.07 | 1.10 | 1.12 | 1.10 | 1.92 | ppb |
| Sodium | 23-2 | 2258.49 | 2285.36 | 2257.90 | 2267.25 | 0.69 | ppb |
| Strontium | 86-1 | 1126.75 | 1138.97 | 1136.90 | 1134.21 | 0.58 | ppb |
| Strontium | 88-1 | 1143.26 | 1179.78 | 1163.15 | 1162.06 | 1.57 | ppb |
| Sulfur | 34-1 | 500.27 | 629.30 | 595.16 | 574.91 | 11.63 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.73 | 0.74 | 0.73 | 0.73 | 0.86 | ppb |
| Thallium | 205-1 | 0.71 | 0.73 | 0.73 | 0.72 | 1.55 | ppb |
| Tin | 118-1 | 95.59 | 96.62 | 97.34 | 96.52 | 0.91 | ppb |
| Titanium | 47-1 | 138.88 | 142.23 | 142.06 | 141.06 | 1.34 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:09:39 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.87 | 0.89 | 0.89 | 0.89 | 1.28 | ppb |
| Vanadium | 51-2 | 8.67 | 8.75 | 8.75 | 8.72 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 2288.35 | 2304.18 | 2302.62 | 2298.38 | 0.38 | ppb |
| Zirconium | 90-1 | 3.39 | 3.46 | 3.42 | 3.42 | 1.00 | ppb |
| Zirconium | 91-1 | 3.72 | 3.66 | 3.77 | 3.72 | 1.42 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 00:12:46 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 542.19 | 539.92 | 549.37 | 543.83 | 0.91 | ppb |
| Antimony | 121-1 | 85.75 | 85.65 | 88.01 | 86.47 | 1.55 | ppb |
| Arsenic | 75-2 | 229.06 | 227.75 | 228.93 | 228.58 | 0.31 | ppb |
| Barium | 135-1 | 8.07 | 8.01 | 8.16 | 8.08 | 0.93 | ppb |
| Barium | 137-1 | 8.21 | 8.28 | 8.33 | 8.27 | 0.72 | ppb |
| Beryllium | 9-1 | 0.04 | 0.04 | 0.05 | 0.04 | 20.33 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.51 | 0.71 | 0.61 | 0.61 | 16.39 | ppb |
| Cadmium | 106-1 | 0.93 | -0.03 | 0.21 | 0.37 | 135.05 | ppb |
| Cadmium | 111-1 | 0.33 | 0.31 | 0.34 | 0.33 | 4.24 | ppb |
| Calcium | 43-1 | 1918.98 | 1967.22 | 1965.93 | 1950.71 | 1.41 | ppb |
| Calcium | 44-1 | 1904.23 | 1966.87 | 1963.58 | 1944.89 | 1.81 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.91 | 4.74 | 4.96 | 4.87 | 2.30 | ppb |
| Cobalt | 59-2 | 7.41 | 7.41 | 7.37 | 7.39 | 0.32 | ppb |
| Copper | 63-2 | 88.43 | 87.87 | 88.97 | 88.42 | 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 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 6800.48 | 6806.42 | 6834.56 | 6813.82 | 0.27 | ppb |
| Iron | 57-2 | 6825.61 | 6795.58 | 6878.30 | 6833.17 | 0.61 | ppb |
| Iron | 54-2 | 6928.83 | 6836.88 | 6832.34 | 6866.02 | 0.79 | 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 : | P5364-06LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 00:12:46 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 122.81 | 128.11 | 125.44 | 125.45 | 2.12 | ppb |
| Lead | 207-1 | 120.53 | 124.48 | 123.53 | 122.85 | 1.67 | ppb |
| Lead | 208-1 | 124.93 | 128.54 | 126.65 | 126.70 | 1.42 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 250.20 | 246.74 | 250.95 | 249.30 | 0.90 | ppb |
| Manganese | 55-2 | 27.23 | 27.06 | 27.39 | 27.22 | 0.61 | ppb |
| Molybdenum | 94-1 | 14.25 | 14.63 | 14.58 | 14.48 | 1.43 | ppb |
| Molybdenum | 95-1 | 15.76 | 16.18 | 15.89 | 15.94 | 1.34 | ppb |
| Molybdenum | 96-1 | 15.81 | 16.23 | 15.79 | 15.94 | 1.55 | ppb |
| Molybdenum | 97-1 | 15.96 | 16.20 | 16.17 | 16.11 | 0.81 | ppb |
| Molybdenum | 98-1 | 15.94 | 16.13 | 16.10 | 16.06 | 0.62 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 3.40 | 3.39 | 3.34 | 3.37 | 0.99 | ppb |
| Phosphorus | 31-2 | 24.94 | 27.44 | 21.60 | 24.66 | 11.87 | ppb |
| Potassium | 39-2 | 138.05 | 135.65 | 140.22 | 137.97 | 1.66 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.58 | 0.14 | 0.72 | 0.48 | 62.93 | ppb |
| Selenium | 77-2 | 0.15 | 0.15 | 0.61 | 0.31 | 86.52 | ppb |
| Selenium | 78-2 | -0.16 | -0.31 | -0.22 | -0.23 | | ppb |
| Silicon | 28-1 | 65.59 | 67.51 | 68.60 | 67.23 | 2.27 | ppb |
| Silver | 107-1 | 0.22 | 0.23 | 0.21 | 0.22 | 3.76 | ppb |
| Silver | 109-1 | 0.21 | 0.19 | 0.23 | 0.21 | 8.08 | ppb |
| Sodium | 23-2 | 433.90 | 431.44 | 433.77 | 433.03 | 0.32 | ppb |
| Strontium | 86-1 | 224.89 | 227.53 | 223.43 | 225.28 | 0.92 | ppb |
| Strontium | 88-1 | 220.87 | 229.20 | 227.87 | 225.98 | 1.98 | ppb |
| Sulfur | 34-1 | -176.23 | -72.10 | -63.64 | -103.99 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.13 | 0.14 | 0.13 | 0.13 | 4.88 | ppb |
| Thallium | 205-1 | 0.14 | 0.14 | 0.14 | 0.14 | 1.50 | ppb |
| Tin | 118-1 | 19.08 | 19.10 | 19.35 | 19.18 | 0.80 | ppb |
| Titanium | 47-1 | 27.59 | 28.90 | 28.37 | 28.29 | 2.33 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 00:12:46 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.17 | 0.18 | 0.18 | 0.18 | 1.57 | ppb |
| Vanadium | 51-2 | 1.70 | 1.75 | 1.76 | 1.74 | 1.90 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 451.78 | 450.00 | 453.76 | 451.85 | 0.42 | ppb |
| Zirconium | 90-1 | 0.65 | 0.69 | 0.67 | 0.67 | 2.53 | ppb |
| Zirconium | 91-1 | 0.72 | 0.72 | 0.74 | 0.73 | 1.30 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:16:06 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2701.23 | 2692.20 | 2702.30 | 2698.58 | 0.21 | ppb |
| Antimony | 121-1 | 431.41 | 437.42 | 443.11 | 437.31 | 1.34 | ppb |
| Arsenic | 75-2 | 1119.33 | 1130.84 | 1136.91 | 1129.02 | 0.79 | ppb |
| Barium | 135-1 | 116.77 | 116.10 | 118.92 | 117.26 | 1.26 | ppb |
| Barium | 137-1 | 118.48 | 117.52 | 120.63 | 118.88 | 1.34 | ppb |
| Beryllium | 9-1 | 2.30 | 2.40 | 2.29 | 2.33 | 2.54 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 22.32 | 21.40 | 22.56 | 22.09 | 2.78 | ppb |
| Cadmium | 106-1 | 21.53 | 22.41 | 21.87 | 21.94 | 2.04 | ppb |
| Cadmium | 111-1 | 21.32 | 21.34 | 22.07 | 21.58 | 1.99 | ppb |
| Calcium | 43-1 | 9334.40 | 9384.66 | 9453.30 | 9390.79 | 0.64 | ppb |
| Calcium | 44-1 | 9126.71 | 9112.22 | 9175.00 | 9137.98 | 0.36 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 31.18 | 30.86 | 31.22 | 31.09 | 0.63 | ppb |
| Cobalt | 59-2 | 55.91 | 56.14 | 55.67 | 55.91 | 0.42 | ppb |
| Copper | 63-2 | 443.93 | 437.01 | 439.46 | 440.13 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 108 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 33045.11 | 33048.82 | 32634.16 | 32909.36 | 0.72 | ppb |
| Iron | 57-2 | 32677.72 | 32438.04 | 32138.10 | 32417.95 | 0.83 | ppb |
| Iron | 54-2 | 33471.98 | 33157.00 | 33117.91 | 33248.96 | 0.58 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:16:06 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 669.25 | 670.54 | 673.80 | 671.20 | 0.35 | ppb |
| Lead | 207-1 | 660.15 | 651.00 | 655.32 | 655.49 | 0.70 | ppb |
| Lead | 208-1 | 663.26 | 661.25 | 661.17 | 661.90 | 0.18 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 1202.17 | 1196.77 | 1195.40 | 1198.11 | 0.30 | ppb |
| Manganese | 55-2 | 149.38 | 147.87 | 147.91 | 148.39 | 0.58 | ppb |
| Molybdenum | 94-1 | 70.31 | 70.23 | 70.53 | 70.36 | 0.22 | ppb |
| Molybdenum | 95-1 | 78.45 | 77.15 | 77.95 | 77.85 | 0.85 | ppb |
| Molybdenum | 96-1 | 77.27 | 76.54 | 77.76 | 77.19 | 0.80 | ppb |
| Molybdenum | 97-1 | 78.05 | 78.08 | 78.86 | 78.33 | 0.59 | ppb |
| Molybdenum | 98-1 | 78.71 | 77.95 | 78.85 | 78.50 | 0.62 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 35.37 | 35.34 | 35.37 | 35.36 | 0.05 | ppb |
| Phosphorus | 31-2 | 209.49 | 193.47 | 184.53 | 195.83 | 6.46 | ppb |
| Potassium | 39-2 | 680.03 | 677.82 | 677.61 | 678.49 | 0.20 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 46.04 | 45.75 | 45.81 | 45.87 | 0.34 | ppb |
| Selenium | 77-2 | 47.18 | 51.94 | 45.45 | 48.19 | 6.97 | ppb |
| Selenium | 78-2 | 45.37 | 45.69 | 46.05 | 45.70 | 0.74 | ppb |
| Silicon | 28-1 | 297.07 | 326.24 | 306.02 | 309.78 | 4.82 | ppb |
| Silver | 107-1 | 3.07 | 3.11 | 3.21 | 3.13 | 2.38 | ppb |
| Silver | 109-1 | 3.04 | 3.09 | 3.17 | 3.10 | 2.03 | ppb |
| Sodium | 23-2 | 2208.58 | 2202.53 | 2165.36 | 2192.16 | 1.07 | ppb |
| Strontium | 86-1 | 1115.40 | 1092.56 | 1106.93 | 1104.96 | 1.05 | ppb |
| Strontium | 88-1 | 1127.08 | 1110.04 | 1130.60 | 1122.57 | 0.98 | ppb |
| Sulfur | 34-1 | 513.37 | 497.81 | 534.93 | 515.37 | 3.62 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 35.11 | 34.77 | 34.83 | 34.91 | 0.53 | ppb |
| Thallium | 205-1 | 34.98 | 34.42 | 35.04 | 34.81 | 0.98 | ppb |
| Tin | 118-1 | 93.57 | 93.07 | 95.71 | 94.12 | 1.49 | ppb |
| Titanium | 47-1 | 137.97 | 136.87 | 138.19 | 137.68 | 0.51 | ppb |



500

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:16:06 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.87 | 0.87 | 0.87 | 0.87 | 0.34 | ppb |
| Vanadium | 51-2 | 28.87 | 28.38 | 28.17 | 28.47 | 1.26 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 2239.54 | 2254.11 | 2211.76 | 2235.14 | 0.96 | ppb |
| Zirconium | 90-1 | 3.29 | 3.28 | 3.34 | 3.30 | 0.93 | ppb |
| Zirconium | 91-1 | 3.54 | 3.67 | 3.58 | 3.60 | 1.87 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:19:13 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1339.05 | 1337.92 | 1342.35 | 1339.77 | 0.17 | ppb |
| Antimony | 121-1 | 220.83 | 231.33 | 223.45 | 225.21 | 2.43 | ppb |
| Arsenic | 75-2 | 562.37 | 566.15 | 566.48 | 565.00 | 0.40 | ppb |
| Barium | 135-1 | 19.99 | 20.38 | 20.22 | 20.20 | 0.98 | ppb |
| Barium | 137-1 | 20.54 | 20.81 | 20.58 | 20.64 | 0.72 | ppb |
| Beryllium | 9-1 | 0.10 | 0.11 | 0.13 | 0.12 | 13.42 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.59 | 1.29 | 1.57 | 1.48 | 11.27 | ppb |
| Cadmium | 106-1 | 2.46 | 1.06 | 1.41 | 1.64 | 44.29 | ppb |
| Cadmium | 111-1 | 0.85 | 0.87 | 0.82 | 0.85 | 3.12 | ppb |
| Calcium | 43-1 | 4701.65 | 4827.26 | 4755.35 | 4761.42 | 1.32 | ppb |
| Calcium | 44-1 | 4612.93 | 4567.36 | 4682.55 | 4620.95 | 1.26 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 11.59 | 11.90 | 11.95 | 11.81 | 1.63 | ppb |
| Cobalt | 59-2 | 18.18 | 18.21 | 18.12 | 18.17 | 0.24 | ppb |
| Copper | 63-2 | 216.62 | 216.84 | 217.52 | 216.99 | 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 | | | | 104 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 16759.22 | 16884.62 | 16859.04 | 16834.29 | 0.39 | ppb |
| Iron | 57-2 | 16467.04 | 16940.25 | 16647.37 | 16684.89 | 1.43 | ppb |
| Iron | 54-2 | 16759.03 | 16950.50 | 16971.78 | 16893.77 | 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 : | P5364-06DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:19:13 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 325.84 | 328.21 | 324.06 | 326.04 | 0.64 | ppb |
| Lead | 207-1 | 324.98 | 323.61 | 325.86 | 324.82 | 0.35 | ppb |
| Lead | 208-1 | 325.23 | 323.77 | 323.71 | 324.24 | 0.27 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 616.42 | 617.55 | 617.16 | 617.04 | 0.09 | ppb |
| Manganese | 55-2 | 65.72 | 66.16 | 66.19 | 66.02 | 0.40 | ppb |
| Molybdenum | 94-1 | 35.98 | 35.87 | 36.47 | 36.11 | 0.88 | ppb |
| Molybdenum | 95-1 | 39.01 | 39.16 | 39.79 | 39.32 | 1.04 | ppb |
| Molybdenum | 96-1 | 38.67 | 38.93 | 39.66 | 39.08 | 1.31 | ppb |
| Molybdenum | 97-1 | 39.52 | 40.05 | 40.02 | 39.86 | 0.75 | ppb |
| Molybdenum | 98-1 | 39.02 | 39.66 | 40.50 | 39.73 | 1.87 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 7.13 | 7.42 | 7.60 | 7.38 | 3.25 | ppb |
| Phosphorus | 31-2 | 96.25 | 85.07 | 91.16 | 90.83 | 6.16 | ppb |
| Potassium | 39-2 | 344.16 | 347.51 | 344.77 | 345.48 | 0.52 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.44 | 0.50 | 0.89 | 0.61 | 39.98 | ppb |
| Selenium | 77-2 | 0.30 | 0.31 | 0.62 | 0.41 | 43.87 | ppb |
| Selenium | 78-2 | 0.13 | 0.27 | -1.37 | -0.33 | | ppb |
| Silicon | 28-1 | 156.12 | 163.60 | 155.78 | 158.50 | 2.79 | ppb |
| Silver | 107-1 | 0.53 | 0.54 | 0.57 | 0.55 | 3.51 | ppb |
| Silver | 109-1 | 0.52 | 0.55 | 0.55 | 0.54 | 3.77 | ppb |
| Sodium | 23-2 | 1054.89 | 1051.28 | 1057.60 | 1054.59 | 0.30 | ppb |
| Strontium | 86-1 | 554.03 | 562.66 | 573.87 | 563.52 | 1.77 | ppb |
| Strontium | 88-1 | 549.06 | 558.37 | 569.43 | 558.95 | 1.83 | ppb |
| Sulfur | 34-1 | 46.54 | 70.92 | 82.54 | 66.67 | 27.56 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.38 | 0.37 | 0.38 | 0.38 | 0.47 | ppb |
| Thallium | 205-1 | 0.37 | 0.37 | 0.36 | 0.37 | 2.33 | ppb |
| Tin | 118-1 | 47.45 | 48.48 | 48.43 | 48.12 | 1.21 | ppb |
| Titanium | 47-1 | 68.69 | 69.37 | 69.31 | 69.13 | 0.54 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:19:13 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.43 | 0.44 | 0.44 | 0.44 | 1.98 | ppb |
| Vanadium | 51-2 | 4.20 | 4.46 | 4.33 | 4.33 | 2.90 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 1112.13 | 1106.41 | 1109.00 | 1109.18 | 0.26 | ppb |
| Zirconium | 90-1 | 1.68 | 1.68 | 1.68 | 1.68 | 0.23 | ppb |
| Zirconium | 91-1 | 1.80 | 1.77 | 1.84 | 1.80 | 1.91 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:22:27 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1360.65 | 1364.13 | 1375.01 | 1366.60 | 0.55 | ppb |
| Antimony | 121-1 | 222.88 | 226.65 | 233.71 | 227.74 | 2.41 | ppb |
| Arsenic | 75-2 | 571.33 | 572.92 | 577.64 | 573.96 | 0.57 | ppb |
| Barium | 135-1 | 20.12 | 20.79 | 20.99 | 20.63 | 2.19 | ppb |
| Barium | 137-1 | 20.31 | 21.28 | 21.56 | 21.05 | 3.11 | ppb |
| Beryllium | 9-1 | 0.11 | 0.15 | 0.12 | 0.12 | 16.98 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.53 | 1.59 | 1.66 | 1.59 | 4.22 | ppb |
| Cadmium | 106-1 | 1.51 | 1.60 | 0.86 | 1.32 | 30.75 | ppb |
| Cadmium | 111-1 | 0.89 | 0.86 | 0.86 | 0.87 | 1.86 | ppb |
| Calcium | 43-1 | 4713.11 | 4901.64 | 4939.48 | 4851.41 | 2.50 | ppb |
| Calcium | 44-1 | 4667.08 | 4806.39 | 4780.47 | 4751.31 | 1.56 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 11.85 | 12.13 | 12.15 | 12.04 | 1.40 | ppb |
| Cobalt | 59-2 | 18.34 | 18.48 | 18.55 | 18.46 | 0.57 | ppb |
| Copper | 63-2 | 219.19 | 219.28 | 223.40 | 220.62 | 1.09 | 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 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 16978.49 | 17164.36 | 17249.12 | 17130.66 | 0.81 | ppb |
| Iron | 57-2 | 16743.34 | 17101.40 | 16933.80 | 16926.18 | 1.06 | ppb |
| Iron | 54-2 | 17221.90 | 17319.10 | 17155.11 | 17232.04 | 0.48 | 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 : | P5364-07DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:22:27 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 325.45 | 326.34 | 328.22 | 326.67 | 0.43 | ppb |
| Lead | 207-1 | 321.69 | 329.43 | 325.68 | 325.60 | 1.19 | ppb |
| Lead | 208-1 | 324.62 | 327.22 | 324.75 | 325.53 | 0.45 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 622.39 | 628.20 | 630.02 | 626.87 | 0.64 | ppb |
| Manganese | 55-2 | 66.71 | 67.33 | 67.77 | 67.27 | 0.79 | ppb |
| Molybdenum | 94-1 | 36.07 | 36.40 | 36.96 | 36.48 | 1.23 | ppb |
| Molybdenum | 95-1 | 39.83 | 40.20 | 41.06 | 40.36 | 1.56 | ppb |
| Molybdenum | 96-1 | 39.89 | 40.51 | 40.97 | 40.46 | 1.33 | ppb |
| Molybdenum | 97-1 | 39.82 | 40.76 | 41.27 | 40.61 | 1.81 | ppb |
| Molybdenum | 98-1 | 40.07 | 40.25 | 41.30 | 40.54 | 1.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 7.60 | 7.65 | 7.73 | 7.66 | 0.85 | ppb |
| Phosphorus | 31-2 | 85.52 | 85.44 | 84.20 | 85.05 | 0.87 | ppb |
| Potassium | 39-2 | 346.66 | 350.44 | 354.89 | 350.67 | 1.17 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 1.03 | 0.52 | 0.85 | 0.80 | 32.56 | ppb |
| Selenium | 77-2 | 0.91 | 0.91 | 0.62 | 0.81 | 20.67 | ppb |
| Selenium | 78-2 | 0.12 | 1.03 | 0.21 | 0.45 | 110.22 | ppb |
| Silicon | 28-1 | 155.01 | 163.07 | 164.95 | 161.01 | 3.28 | ppb |
| Silver | 107-1 | 0.53 | 0.54 | 0.56 | 0.55 | 2.83 | ppb |
| Silver | 109-1 | 0.53 | 0.55 | 0.56 | 0.55 | 2.21 | ppb |
| Sodium | 23-2 | 1064.89 | 1075.75 | 1082.04 | 1074.23 | 0.81 | ppb |
| Strontium | 86-1 | 566.54 | 573.68 | 583.65 | 574.62 | 1.50 | ppb |
| Strontium | 88-1 | 567.86 | 570.28 | 577.02 | 571.72 | 0.83 | ppb |
| Sulfur | 34-1 | 66.97 | 170.55 | 169.12 | 135.55 | 43.82 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.34 | 0.36 | 0.39 | 0.36 | 5.62 | ppb |
| Thallium | 205-1 | 0.35 | 0.36 | 0.36 | 0.36 | 1.07 | ppb |
| Tin | 118-1 | 47.44 | 49.57 | 49.65 | 48.89 | 2.56 | ppb |
| Titanium | 47-1 | 69.87 | 70.72 | 72.10 | 70.90 | 1.59 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:22:27 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.43 | 0.45 | 0.44 | 0.44 | 2.43 | ppb |
| Vanadium | 51-2 | 4.38 | 4.47 | 4.41 | 4.42 | 1.06 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 1120.54 | 1132.15 | 1147.72 | 1133.47 | 1.20 | ppb |
| Zirconium | 90-1 | 1.68 | 1.69 | 1.71 | 1.70 | 1.00 | ppb |
| Zirconium | 91-1 | 1.87 | 1.86 | 1.90 | 1.87 | 1.09 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL3X50 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-28 00:25:37 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 263.86 | 264.80 | 268.02 | 265.56 | 0.82 | ppb |
| Antimony | 121-1 | 41.98 | 43.25 | 42.19 | 42.47 | 1.60 | ppb |
| Arsenic | 75-2 | 110.60 | 110.48 | 111.80 | 110.96 | 0.66 | ppb |
| Barium | 135-1 | 3.95 | 4.08 | 3.94 | 3.99 | 1.94 | ppb |
| Barium | 137-1 | 4.02 | 4.04 | 4.09 | 4.05 | 0.81 | ppb |
| Beryllium | 9-1 | 0.01 | 0.00 | 0.01 | 0.01 | 112.07 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.29 | 0.32 | 0.28 | 0.30 | 5.97 | ppb |
| Cadmium | 106-1 | 0.65 | 1.66 | -0.02 | 0.76 | 111.23 | ppb |
| Cadmium | 111-1 | 0.21 | 0.20 | 0.15 | 0.19 | 16.03 | ppb |
| Calcium | 43-1 | 939.64 | 937.03 | 926.90 | 934.52 | 0.72 | ppb |
| Calcium | 44-1 | 935.56 | 940.73 | 937.91 | 938.07 | 0.28 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.25 | 2.30 | 2.28 | 2.28 | 1.18 | ppb |
| Cobalt | 59-2 | 3.58 | 3.59 | 3.55 | 3.57 | 0.62 | ppb |
| Copper | 63-2 | 42.84 | 42.56 | 42.55 | 42.65 | 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 | | | | 105 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 3322.41 | 3306.48 | 3313.15 | 3314.01 | 0.24 | ppb |
| Iron | 57-2 | 3294.48 | 3321.68 | 3291.29 | 3302.48 | 0.51 | ppb |
| Iron | 54-2 | 3366.36 | 3362.84 | 3353.32 | 3360.84 | 0.20 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL3X50 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-28 00:25:37 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 60.76 | 60.81 | 61.90 | 61.16 | 1.05 | ppb |
| Lead | 207-1 | 59.07 | 59.33 | 59.96 | 59.45 | 0.77 | ppb |
| Lead | 208-1 | 59.74 | 59.83 | 60.28 | 59.95 | 0.48 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 120.10 | 119.91 | 120.06 | 120.02 | 0.08 | ppb |
| Manganese | 55-2 | 13.16 | 13.08 | 13.06 | 13.10 | 0.39 | ppb |
| Molybdenum | 94-1 | 6.89 | 7.11 | 6.90 | 6.97 | 1.78 | ppb |
| Molybdenum | 95-1 | 7.68 | 7.79 | 7.83 | 7.77 | 1.01 | ppb |
| Molybdenum | 96-1 | 7.76 | 7.62 | 7.80 | 7.73 | 1.19 | ppb |
| Molybdenum | 97-1 | 7.77 | 7.78 | 8.09 | 7.88 | 2.27 | ppb |
| Molybdenum | 98-1 | 7.72 | 7.84 | 7.85 | 7.80 | 0.94 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.48 | 1.41 | 1.44 | 1.44 | 2.53 | ppb |
| Phosphorus | 31-2 | 3.12 | 4.54 | 2.09 | 3.25 | 37.89 | ppb |
| Potassium | 39-2 | 67.82 | 66.94 | 68.81 | 67.86 | 1.37 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.33 | 0.12 | 0.04 | 0.16 | 92.49 | ppb |
| Selenium | 77-2 | 0.15 | 0.15 | 0.15 | 0.15 | 0.56 | ppb |
| Selenium | 78-2 | 0.56 | 0.09 | 1.00 | 0.55 | 83.18 | ppb |
| Silicon | 28-1 | 35.71 | 36.82 | 38.36 | 36.96 | 3.60 | ppb |
| Silver | 107-1 | 0.10 | 0.12 | 0.11 | 0.11 | 7.75 | ppb |
| Silver | 109-1 | 0.10 | 0.11 | 0.11 | 0.10 | 6.71 | ppb |
| Sodium | 23-2 | 211.11 | 209.97 | 209.62 | 210.23 | 0.37 | ppb |
| Strontium | 86-1 | 109.92 | 111.99 | 111.53 | 111.15 | 0.98 | ppb |
| Strontium | 88-1 | 109.97 | 110.50 | 110.47 | 110.31 | 0.27 | ppb |
| Sulfur | 34-1 | -208.91 | -151.21 | -201.13 | -187.08 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.06 | 0.07 | 0.07 | 0.06 | 6.84 | ppb |
| Thallium | 205-1 | 0.06 | 0.07 | 0.07 | 0.06 | 7.41 | ppb |
| Tin | 118-1 | 9.36 | 9.74 | 9.50 | 9.53 | 2.01 | ppb |
| Titanium | 47-1 | 13.64 | 13.84 | 13.81 | 13.76 | 0.80 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL3X50 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-28 00:25:37 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.09 | 0.08 | 0.08 | 0.08 | 1.47 | ppb |
| Vanadium | 51-2 | 0.84 | 0.85 | 0.81 | 0.84 | 2.45 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 219.41 | 217.24 | 219.99 | 218.88 | 0.66 | ppb |
| Zirconium | 90-1 | 0.33 | 0.33 | 0.34 | 0.33 | 2.77 | ppb |
| Zirconium | 91-1 | 0.35 | 0.36 | 0.34 | 0.35 | 3.43 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:28:59 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1344.41 | 1338.49 | 1370.74 | 1351.21 | 1.27 | ppb |
| Antimony | 121-1 | 212.29 | 218.68 | 218.17 | 216.38 | 1.64 | ppb |
| Arsenic | 75-2 | 566.37 | 561.97 | 577.88 | 568.74 | 1.44 | ppb |
| Barium | 135-1 | 57.34 | 58.70 | 58.16 | 58.07 | 1.18 | ppb |
| Barium | 137-1 | 58.33 | 59.35 | 59.00 | 58.89 | 0.88 | ppb |
| Beryllium | 9-1 | 1.07 | 1.07 | 1.07 | 1.07 | 0.35 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 10.60 | 11.46 | 10.97 | 11.01 | 3.88 | ppb |
| Cadmium | 106-1 | 10.96 | 11.05 | 9.72 | 10.58 | 6.98 | ppb |
| Cadmium | 111-1 | 10.56 | 10.80 | 10.73 | 10.70 | 1.16 | ppb |
| Calcium | 43-1 | 4596.30 | 4602.61 | 4668.84 | 4622.58 | 0.87 | ppb |
| Calcium | 44-1 | 4443.19 | 4572.21 | 4527.45 | 4514.28 | 1.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 15.36 | 15.63 | 15.47 | 15.49 | 0.87 | ppb |
| Cobalt | 59-2 | 27.57 | 28.22 | 27.49 | 27.76 | 1.45 | ppb |
| Copper | 63-2 | 213.55 | 217.64 | 217.44 | 216.21 | 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 | | | | 105 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 16224.42 | 16468.13 | 16342.01 | 16344.86 | 0.75 | ppb |
| Iron | 57-2 | 16120.27 | 16349.04 | 16160.75 | 16210.02 | 0.75 | ppb |
| Iron | 54-2 | 16589.34 | 16682.53 | 16556.06 | 16609.31 | 0.39 | 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 : | P5364-08DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:28:59 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 327.56 | 329.54 | 337.11 | 331.40 | 1.52 | ppb |
| Lead | 207-1 | 325.00 | 329.36 | 327.15 | 327.17 | 0.67 | ppb |
| Lead | 208-1 | 324.84 | 329.39 | 331.88 | 328.70 | 1.08 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 597.26 | 606.08 | 605.34 | 602.89 | 0.81 | ppb |
| Manganese | 55-2 | 73.70 | 74.14 | 73.52 | 73.78 | 0.43 | ppb |
| Molybdenum | 94-1 | 35.03 | 34.97 | 36.02 | 35.34 | 1.67 | ppb |
| Molybdenum | 95-1 | 38.57 | 39.15 | 39.52 | 39.08 | 1.22 | ppb |
| Molybdenum | 96-1 | 38.47 | 38.66 | 39.42 | 38.85 | 1.30 | ppb |
| Molybdenum | 97-1 | 38.97 | 38.85 | 40.01 | 39.27 | 1.62 | ppb |
| Molybdenum | 98-1 | 39.06 | 39.12 | 39.95 | 39.38 | 1.26 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 17.25 | 17.59 | 18.09 | 17.65 | 2.38 | ppb |
| Phosphorus | 31-2 | 89.03 | 84.04 | 81.67 | 84.92 | 4.42 | ppb |
| Potassium | 39-2 | 331.17 | 335.36 | 337.51 | 334.68 | 0.96 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 22.46 | 23.54 | 23.08 | 23.03 | 2.34 | ppb |
| Selenium | 77-2 | 23.19 | 20.81 | 23.67 | 22.55 | 6.80 | ppb |
| Selenium | 78-2 | 21.14 | 20.64 | 24.34 | 22.04 | 9.10 | ppb |
| Silicon | 28-1 | 148.99 | 152.58 | 159.67 | 153.75 | 3.54 | ppb |
| Silver | 107-1 | 1.50 | 1.56 | 1.54 | 1.53 | 1.83 | ppb |
| Silver | 109-1 | 1.50 | 1.50 | 1.50 | 1.50 | 0.19 | ppb |
| Sodium | 23-2 | 1023.66 | 1030.31 | 1030.85 | 1028.28 | 0.39 | ppb |
| Strontium | 86-1 | 551.77 | 550.30 | 561.78 | 554.62 | 1.13 | ppb |
| Strontium | 88-1 | 542.21 | 547.51 | 556.46 | 548.73 | 1.31 | ppb |
| Sulfur | 34-1 | 104.18 | 199.60 | 203.15 | 168.97 | 33.23 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 16.95 | 17.38 | 17.35 | 17.23 | 1.38 | ppb |
| Thallium | 205-1 | 16.84 | 17.23 | 17.43 | 17.16 | 1.74 | ppb |
| Tin | 118-1 | 45.85 | 46.48 | 46.85 | 46.39 | 1.08 | ppb |
| Titanium | 47-1 | 66.53 | 68.37 | 67.06 | 67.32 | 1.41 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:28:59 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.42 | 0.44 | 0.42 | 0.43 | 2.40 | ppb |
| Vanadium | 51-2 | 14.04 | 14.13 | 14.04 | 14.07 | 0.36 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 1085.32 | 1100.36 | 1094.56 | 1093.41 | 0.69 | ppb |
| Zirconium | 90-1 | 1.63 | 1.65 | 1.67 | 1.65 | 1.31 | ppb |
| Zirconium | 91-1 | 1.76 | 1.75 | 1.79 | 1.77 | 1.30 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:32:09 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5198.32 | 5354.53 | 5332.89 | 5295.25 | 1.60 | ppb |
| Antimony | 121-1 | 330.69 | 380.84 | 381.31 | 364.28 | 7.99 | ppb |
| Arsenic | 75-2 | 535.92 | 537.72 | 535.45 | 536.36 | 0.22 | ppb |
| Barium | 135-1 | 41.53 | 47.96 | 48.28 | 45.92 | 8.30 | ppb |
| Barium | 137-1 | 42.64 | 48.33 | 49.21 | 46.73 | 7.64 | ppb |
| Beryllium | 9-1 | 0.31 | 0.34 | 0.34 | 0.33 | 5.93 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.29 | 1.41 | 1.48 | 1.39 | 6.93 | ppb |
| Cadmium | 106-1 | 1.87 | 2.34 | 1.52 | 1.91 | 21.44 | ppb |
| Cadmium | 111-1 | 0.67 | 0.72 | 0.71 | 0.70 | 3.83 | ppb |
| Calcium | 43-1 | 2592.61 | 3120.17 | 3117.21 | 2943.33 | 10.32 | ppb |
| Calcium | 44-1 | 2535.47 | 3012.64 | 3004.43 | 2850.85 | 9.58 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 21.18 | 21.30 | 21.11 | 21.20 | 0.46 | ppb |
| Cobalt | 59-2 | 25.06 | 24.89 | 25.19 | 25.05 | 0.59 | ppb |
| Copper | 63-2 | 236.39 | 235.56 | 235.98 | 235.98 | 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 | | | | 114 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 113 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 26262.24 | 26254.12 | 26263.07 | 26259.81 | 0.02 | ppb |
| Iron | 57-2 | 25877.55 | 25809.69 | 26062.21 | 25916.49 | 0.50 | ppb |
| Iron | 54-2 | 26318.63 | 26089.53 | 26306.32 | 26238.16 | 0.49 | 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 : | P5364-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:32:09 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 372.15 | 421.63 | 426.50 | 406.76 | 7.39 | ppb |
| Lead | 207-1 | 368.02 | 418.79 | 422.80 | 403.20 | 7.57 | ppb |
| Lead | 208-1 | 365.76 | 419.93 | 422.81 | 402.83 | 7.98 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 3966.06 | 3919.89 | 3941.12 | 3942.36 | 0.59 | ppb |
| Manganese | 55-2 | 225.55 | 225.17 | 225.11 | 225.28 | 0.11 | ppb |
| Molybdenum | 94-1 | 22.46 | 26.57 | 26.74 | 25.26 | 9.60 | ppb |
| Molybdenum | 95-1 | 23.77 | 27.97 | 28.05 | 26.60 | 9.21 | ppb |
| Molybdenum | 96-1 | 23.82 | 28.35 | 28.01 | 26.73 | 9.44 | ppb |
| Molybdenum | 97-1 | 24.13 | 28.68 | 28.44 | 27.08 | 9.45 | ppb |
| Molybdenum | 98-1 | 23.98 | 28.38 | 28.25 | 26.87 | 9.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 31.35 | 30.94 | 31.62 | 31.31 | 1.09 | ppb |
| Phosphorus | 31-2 | 486.07 | 489.29 | 475.93 | 483.76 | 1.44 | ppb |
| Potassium | 39-2 | 1276.66 | 1285.38 | 1287.07 | 1283.04 | 0.44 | ppb |
| Rhodium | 103-1 | | | | 111 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 109 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 0.68 | 0.79 | 0.40 | 0.62 | 31.71 | ppb |
| Selenium | 77-2 | 2.08 | 1.94 | 3.11 | 2.38 | 26.98 | ppb |
| Selenium | 78-2 | 1.15 | 1.61 | -0.27 | 0.83 | 118.12 | ppb |
| Silicon | 28-1 | 133.48 | 148.27 | 152.47 | 144.74 | 6.89 | ppb |
| Silver | 107-1 | 0.73 | 0.78 | 0.81 | 0.78 | 4.79 | ppb |
| Silver | 109-1 | 0.73 | 0.83 | 0.82 | 0.79 | 6.47 | ppb |
| Sodium | 23-2 | 3537.44 | 3597.36 | 3545.79 | 3560.20 | 0.91 | ppb |
| Strontium | 86-1 | 529.05 | 626.56 | 621.63 | 592.41 | 9.27 | ppb |
| Strontium | 88-1 | 528.40 | 629.65 | 624.14 | 594.06 | 9.58 | ppb |
| Sulfur | 34-1 | -384.27 | 136.26 | 170.97 | -25.68 | | ppb |
| Terbium | 159-1 | | | | 113 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.32 | 0.37 | 0.38 | 0.36 | 8.90 | ppb |
| Thallium | 205-1 | 0.34 | 0.38 | 0.38 | 0.37 | 5.94 | ppb |
| Tin | 118-1 | 62.50 | 71.66 | 72.63 | 68.93 | 8.11 | ppb |
| Titanium | 47-1 | 153.21 | 180.74 | 184.38 | 172.77 | 9.86 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:32:09 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.52 | 0.60 | 0.59 | 0.57 | 7.21 | ppb |
| Vanadium | 51-2 | 21.18 | 21.34 | 21.22 | 21.25 | 0.40 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 1175.05 | 1180.32 | 1175.64 | 1177.01 | 0.25 | ppb |
| Zirconium | 90-1 | 1.52 | 1.78 | 1.79 | 1.70 | 9.32 | ppb |
| Zirconium | 91-1 | 1.61 | 1.90 | 1.89 | 1.80 | 9.14 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:35:19 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3668.08 | 3657.12 | 3635.79 | 3653.66 | 0.45 | ppb |
| Antimony | 121-1 | 582.15 | 582.47 | 582.74 | 582.45 | 0.05 | ppb |
| Arsenic | 75-2 | 1610.50 | 1596.09 | 1595.77 | 1600.79 | 0.53 | ppb |
| Barium | 135-1 | 58.17 | 58.37 | 59.39 | 58.64 | 1.12 | ppb |
| Barium | 137-1 | 59.54 | 59.55 | 59.28 | 59.46 | 0.26 | ppb |
| Beryllium | 9-1 | 0.34 | 0.39 | 0.41 | 0.38 | 8.80 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.33 | 4.09 | 4.42 | 4.28 | 4.05 | ppb |
| Cadmium | 106-1 | 3.69 | 4.02 | 4.04 | 3.91 | 4.98 | ppb |
| Cadmium | 111-1 | 2.59 | 2.66 | 2.55 | 2.60 | 1.99 | ppb |
| Calcium | 43-1 | 9129.88 | 9352.34 | 9266.47 | 9249.57 | 1.21 | ppb |
| Calcium | 44-1 | 8859.12 | 8981.70 | 8984.71 | 8941.85 | 0.80 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 34.65 | 35.00 | 34.59 | 34.74 | 0.64 | ppb |
| Cobalt | 59-2 | 50.80 | 51.43 | 51.49 | 51.24 | 0.75 | ppb |
| Copper | 63-2 | 634.85 | 636.75 | 640.27 | 637.29 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 109 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 47499.29 | 47960.44 | 47697.83 | 47719.19 | 0.48 | ppb |
| Iron | 57-2 | 47326.98 | 47368.96 | 47619.47 | 47438.47 | 0.33 | ppb |
| Iron | 54-2 | 47963.58 | 48430.57 | 47475.50 | 47956.55 | 1.00 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:35:19 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 924.40 | 918.69 | 937.89 | 926.99 | 1.06 | ppb |
| Lead | 207-1 | 909.73 | 901.77 | 930.54 | 914.01 | 1.63 | ppb |
| Lead | 208-1 | 914.56 | 903.55 | 929.14 | 915.75 | 1.40 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 1595.15 | 1603.19 | 1599.98 | 1599.44 | 0.25 | ppb |
| Manganese | 55-2 | 174.11 | 176.22 | 174.35 | 174.89 | 0.66 | ppb |
| Molybdenum | 94-1 | 97.64 | 99.04 | 97.25 | 97.98 | 0.96 | ppb |
| Molybdenum | 95-1 | 109.81 | 110.99 | 110.06 | 110.29 | 0.56 | ppb |
| Molybdenum | 96-1 | 109.08 | 110.19 | 109.25 | 109.51 | 0.55 | ppb |
| Molybdenum | 97-1 | 111.24 | 113.45 | 110.41 | 111.70 | 1.41 | ppb |
| Molybdenum | 98-1 | 110.62 | 112.73 | 110.45 | 111.27 | 1.14 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 19.77 | 20.35 | 19.97 | 20.03 | 1.49 | ppb |
| Phosphorus | 31-2 | 189.57 | 182.11 | 183.32 | 185.00 | 2.16 | ppb |
| Potassium | 39-2 | 945.05 | 949.38 | 944.68 | 946.37 | 0.28 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 1.14 | 1.30 | 1.21 | 1.22 | 6.56 | ppb |
| Selenium | 77-2 | 1.68 | 3.03 | 1.82 | 2.18 | 34.09 | ppb |
| Selenium | 78-2 | 1.98 | 1.77 | 0.17 | 1.31 | 75.85 | ppb |
| Silicon | 28-1 | 518.42 | 515.51 | 517.28 | 517.07 | 0.28 | ppb |
| Silver | 107-1 | 1.50 | 1.53 | 1.54 | 1.52 | 1.49 | ppb |
| Silver | 109-1 | 1.49 | 1.51 | 1.53 | 1.51 | 1.25 | ppb |
| Sodium | 23-2 | 2958.42 | 2927.80 | 2936.33 | 2940.85 | 0.54 | ppb |
| Strontium | 86-1 | 1647.94 | 1663.66 | 1644.07 | 1651.89 | 0.63 | ppb |
| Strontium | 88-1 | 1668.25 | 1695.93 | 1691.26 | 1685.15 | 0.88 | ppb |
| Sulfur | 34-1 | 638.31 | 744.49 | 724.56 | 702.45 | 8.03 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 1.00 | 1.00 | 1.02 | 1.01 | 1.38 | ppb |
| Thallium | 205-1 | 1.02 | 1.01 | 1.03 | 1.02 | 1.00 | ppb |
| Tin | 118-1 | 135.99 | 136.42 | 136.58 | 136.33 | 0.23 | ppb |
| Titanium | 47-1 | 192.66 | 198.01 | 197.46 | 196.04 | 1.50 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:35:19 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.64 | 1.65 | 1.68 | 1.66 | 1.28 | ppb |
| Vanadium | 51-2 | 11.93 | 12.02 | 11.99 | 11.98 | 0.41 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 3257.00 | 3243.59 | 3282.73 | 3261.11 | 0.61 | ppb |
| Zirconium | 90-1 | 3.29 | 3.38 | 3.32 | 3.33 | 1.38 | ppb |
| Zirconium | 91-1 | 3.60 | 3.72 | 3.69 | 3.67 | 1.73 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09DL2X20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-12-28 00:38:26 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 990.81 | 938.56 | 939.45 | 956.27 | 3.13 | ppb |
| Antimony | 121-1 | 152.79 | 149.83 | 149.96 | 150.86 | 1.11 | ppb |
| Arsenic | 75-2 | 429.18 | 417.55 | 413.49 | 420.07 | 1.94 | ppb |
| Barium | 135-1 | 15.04 | 14.41 | 14.78 | 14.74 | 2.13 | ppb |
| Barium | 137-1 | 14.98 | 15.07 | 15.03 | 15.03 | 0.28 | ppb |
| Beryllium | 9-1 | 0.05 | 0.06 | 0.08 | 0.06 | 22.53 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.19 | 1.05 | 1.12 | 1.12 | 6.27 | ppb |
| Cadmium | 106-1 | 1.34 | 0.55 | 0.21 | 0.70 | 82.41 | ppb |
| Cadmium | 111-1 | 0.67 | 0.68 | 0.60 | 0.65 | 6.95 | ppb |
| Calcium | 43-1 | 2336.58 | 2396.37 | 2355.16 | 2362.70 | 1.30 | ppb |
| Calcium | 44-1 | 2261.41 | 2313.22 | 2296.75 | 2290.46 | 1.16 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 9.44 | 8.81 | 8.90 | 9.05 | 3.76 | ppb |
| Cobalt | 59-2 | 13.84 | 13.17 | 13.15 | 13.39 | 2.90 | ppb |
| Copper | 63-2 | 168.84 | 160.19 | 160.56 | 163.20 | 3.00 | 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 | | | | 107 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 12873.47 | 12179.72 | 12322.65 | 12458.61 | 2.94 | ppb |
| Iron | 57-2 | 12743.39 | 12185.38 | 12048.83 | 12325.87 | 2.99 | ppb |
| Iron | 54-2 | 12984.29 | 12324.11 | 12407.43 | 12571.94 | 2.86 | 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 : | P5364-09DL2X20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-12-28 00:38:26 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 233.27 | 236.45 | 235.72 | 235.15 | 0.71 | ppb |
| Lead | 207-1 | 229.91 | 233.63 | 231.70 | 231.75 | 0.80 | ppb |
| Lead | 208-1 | 232.39 | 235.02 | 233.54 | 233.65 | 0.57 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 434.14 | 411.42 | 407.99 | 417.85 | 3.40 | ppb |
| Manganese | 55-2 | 47.02 | 44.98 | 44.49 | 45.50 | 2.96 | ppb |
| Molybdenum | 94-1 | 24.17 | 24.96 | 25.00 | 24.71 | 1.91 | ppb |
| Molybdenum | 95-1 | 27.59 | 28.56 | 28.00 | 28.05 | 1.74 | ppb |
| Molybdenum | 96-1 | 27.25 | 28.19 | 27.66 | 27.70 | 1.70 | ppb |
| Molybdenum | 97-1 | 27.74 | 28.46 | 28.45 | 28.22 | 1.46 | ppb |
| Molybdenum | 98-1 | 27.89 | 28.52 | 27.89 | 28.10 | 1.29 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 5.44 | 5.07 | 5.19 | 5.24 | 3.55 | ppb |
| Phosphorus | 31-2 | 46.05 | 39.18 | 36.06 | 40.43 | 12.64 | ppb |
| Potassium | 39-2 | 260.03 | 244.01 | 241.93 | 248.66 | 3.98 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.64 | 0.69 | 0.33 | 0.56 | 34.87 | ppb |
| Selenium | 77-2 | 0.16 | 0.62 | 0.16 | 0.31 | 85.97 | ppb |
| Selenium | 78-2 | -0.19 | -0.54 | 0.15 | -0.19 | | ppb |
| Silicon | 28-1 | 131.48 | 134.92 | 134.24 | 133.55 | 1.36 | ppb |
| Silver | 107-1 | 0.37 | 0.40 | 0.39 | 0.39 | 4.17 | ppb |
| Silver | 109-1 | 0.39 | 0.38 | 0.39 | 0.38 | 2.21 | ppb |
| Sodium | 23-2 | 758.21 | 718.11 | 720.61 | 732.31 | 3.07 | ppb |
| Strontium | 86-1 | 422.79 | 426.33 | 415.89 | 421.67 | 1.26 | ppb |
| Strontium | 88-1 | 415.29 | 421.09 | 417.02 | 417.80 | 0.71 | ppb |
| Sulfur | 34-1 | -133.44 | -41.35 | -84.46 | -86.42 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.24 | 0.25 | 0.25 | 0.25 | 2.07 | ppb |
| Thallium | 205-1 | 0.24 | 0.25 | 0.24 | 0.24 | 3.39 | ppb |
| Tin | 118-1 | 34.66 | 34.77 | 34.20 | 34.54 | 0.87 | ppb |
| Titanium | 47-1 | 49.65 | 50.80 | 49.75 | 50.07 | 1.27 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09DL2X20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-12-28 00:38:26 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.42 | 0.43 | 0.43 | 0.43 | 1.84 | ppb |
| Vanadium | 51-2 | 3.23 | 3.07 | 3.10 | 3.13 | 2.77 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 864.12 | 825.74 | 817.72 | 835.86 | 2.97 | ppb |
| Zirconium | 90-1 | 0.79 | 0.83 | 0.84 | 0.82 | 3.42 | ppb |
| Zirconium | 91-1 | 0.88 | 0.89 | 0.96 | 0.91 | 4.57 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:41:40 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8887.99 | 8659.89 | 8795.22 | 8781.03 | 1.31 | ppb |
| Antimony | 121-1 | 1108.41 | 1203.44 | 1220.84 | 1177.56 | 5.14 | ppb |
| Arsenic | 75-2 | 2522.80 | 2537.65 | 2535.50 | 2531.98 | 0.32 | ppb |
| Barium | 135-1 | 294.82 | 317.81 | 320.07 | 310.90 | 4.49 | ppb |
| Barium | 137-1 | 307.31 | 333.52 | 335.29 | 325.37 | 4.82 | ppb |
| Beryllium | 9-1 | 0.54 | 0.66 | 0.64 | 0.61 | 10.88 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.99 | 6.35 | 6.65 | 6.33 | 5.23 | ppb |
| Cadmium | 106-1 | 7.60 | 7.44 | 6.70 | 7.25 | 6.64 | ppb |
| Cadmium | 111-1 | 2.82 | 3.09 | 2.94 | 2.95 | 4.61 | ppb |
| Calcium | 43-1 | 33242.54 | 35290.13 | 36410.52 | 34981.06 | 4.59 | ppb |
| Calcium | 44-1 | 32708.79 | 35360.01 | 35705.11 | 34591.30 | 4.74 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 23.53 | 23.89 | 23.86 | 23.76 | 0.84 | ppb |
| Cobalt | 59-2 | 70.01 | 70.09 | 70.22 | 70.11 | 0.15 | ppb |
| Copper | 63-2 | 1173.97 | 1200.73 | 1190.84 | 1188.51 | 1.14 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 124 | | % |
| Indium | 115-2 | | | | 117 | | % |
| Iron | 56-2 | 74083.99 | 74844.64 | 74921.67 | 74616.76 | 0.62 | ppb |
| Iron | 57-2 | 73321.38 | 72989.14 | 73373.34 | 73227.96 | 0.28 | ppb |
| Iron | 54-2 | 74655.24 | 74755.88 | 75035.96 | 74815.70 | 0.26 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:41:40 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2067.88 | 2223.50 | 2257.02 | 2182.80 | 4.62 | ppb |
| Lead | 207-1 | 2081.53 | 2226.98 | 2247.10 | 2185.21 | 4.13 | ppb |
| Lead | 208-1 | 2071.20 | 2228.89 | 2241.49 | 2180.53 | 4.35 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 4647.51 | 4645.24 | 4657.64 | 4650.13 | 0.14 | ppb |
| Manganese | 55-2 | 663.18 | 669.77 | 672.44 | 668.46 | 0.71 | ppb |
| Molybdenum | 94-1 | 56.26 | 60.72 | 61.14 | 59.37 | 4.56 | ppb |
| Molybdenum | 95-1 | 51.89 | 55.67 | 55.98 | 54.51 | 4.18 | ppb |
| Molybdenum | 96-1 | 52.69 | 56.88 | 57.28 | 55.61 | 4.57 | ppb |
| Molybdenum | 97-1 | 52.12 | 56.50 | 56.61 | 55.08 | 4.65 | ppb |
| Molybdenum | 98-1 | 52.42 | 56.09 | 56.93 | 55.15 | 4.35 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 40.54 | 40.70 | 40.99 | 40.74 | 0.57 | ppb |
| Phosphorus | 31-2 | 587.33 | 584.08 | 609.02 | 593.48 | 2.28 | ppb |
| Potassium | 39-2 | 2241.89 | 2233.56 | 2245.43 | 2240.29 | 0.27 | ppb |
| Rhodium | 103-1 | | | | 107 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 1.84 | 2.53 | 2.30 | 2.23 | 15.76 | ppb |
| Selenium | 77-2 | 2.98 | 3.64 | 2.69 | 3.10 | 15.60 | ppb |
| Selenium | 78-2 | 2.02 | 1.62 | 1.83 | 1.82 | 10.91 | ppb |
| Silicon | 28-1 | 358.21 | 404.07 | 398.34 | 386.88 | 6.46 | ppb |
| Silver | 107-1 | 3.14 | 3.43 | 3.47 | 3.35 | 5.31 | ppb |
| Silver | 109-1 | 3.20 | 3.42 | 3.45 | 3.36 | 4.08 | ppb |
| Sodium | 23-2 | 7873.07 | 7791.50 | 7834.52 | 7833.03 | 0.52 | ppb |
| Strontium | 86-1 | 4925.88 | 5265.97 | 5358.01 | 5183.29 | 4.39 | ppb |
| Strontium | 88-1 | 5014.09 | 5386.57 | 5444.96 | 5281.88 | 4.43 | ppb |
| Sulfur | 34-1 | 1126.09 | 1584.95 | 1707.51 | 1472.85 | 20.81 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.55 | 0.62 | 0.60 | 0.59 | 5.61 | ppb |
| Thallium | 205-1 | 0.58 | 0.61 | 0.62 | 0.61 | 3.56 | ppb |
| Tin | 118-1 | 369.60 | 403.94 | 408.67 | 394.07 | 5.41 | ppb |
| Titanium | 47-1 | 284.81 | 311.57 | 314.23 | 303.54 | 5.36 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:41:40 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.71 | 1.87 | 1.91 | 1.83 | 5.62 | ppb |
| Vanadium | 51-2 | 25.89 | 26.13 | 26.09 | 26.03 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 7547.28 | 7707.72 | 7736.28 | 7663.76 | 1.33 | ppb |
| Zirconium | 90-1 | 7.49 | 8.11 | 8.13 | 7.91 | 4.60 | ppb |
| Zirconium | 91-1 | 7.98 | 8.61 | 8.70 | 8.43 | 4.62 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:44:41 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3478.25 | 3498.26 | 3471.89 | 3482.80 | 0.40 | ppb |
| Antimony | 121-1 | 495.51 | 500.87 | 502.05 | 499.48 | 0.70 | ppb |
| Arsenic | 75-2 | 1041.24 | 1041.10 | 1040.22 | 1040.85 | 0.05 | ppb |
| Barium | 135-1 | 130.05 | 131.28 | 131.67 | 131.00 | 0.64 | ppb |
| Barium | 137-1 | 131.48 | 131.34 | 132.41 | 131.74 | 0.44 | ppb |
| Beryllium | 9-1 | 0.22 | 0.26 | 0.30 | 0.26 | 15.45 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.67 | 2.54 | 2.74 | 2.65 | 3.82 | ppb |
| Cadmium | 106-1 | 4.34 | 3.29 | 3.31 | 3.65 | 16.53 | ppb |
| Cadmium | 111-1 | 1.24 | 1.26 | 1.21 | 1.24 | 1.83 | ppb |
| Calcium | 43-1 | 15061.64 | 15121.27 | 14974.02 | 15052.31 | 0.49 | ppb |
| Calcium | 44-1 | 14796.90 | 14642.53 | 14766.89 | 14735.44 | 0.56 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 9.90 | 9.95 | 9.74 | 9.86 | 1.13 | ppb |
| Cobalt | 59-2 | 28.46 | 28.72 | 28.79 | 28.66 | 0.60 | ppb |
| Copper | 63-2 | 491.01 | 494.30 | 496.88 | 494.06 | 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 | | | | 104 | | % |
| Indium | 115-1 | | | | 111 | | % |
| Indium | 115-2 | | | | 106 | | % |
| Iron | 56-2 | 30479.65 | 30750.04 | 30573.48 | 30601.06 | 0.45 | ppb |
| Iron | 57-2 | 30254.51 | 30244.25 | 30233.83 | 30244.20 | 0.03 | ppb |
| Iron | 54-2 | 30734.77 | 30941.17 | 30405.77 | 30693.90 | 0.88 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:44:41 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 938.76 | 940.50 | 930.38 | 936.55 | 0.58 | ppb |
| Lead | 207-1 | 936.84 | 940.78 | 927.01 | 934.88 | 0.76 | ppb |
| Lead | 208-1 | 937.17 | 936.20 | 922.99 | 932.12 | 0.85 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 1796.89 | 1806.65 | 1796.72 | 1800.08 | 0.32 | ppb |
| Manganese | 55-2 | 265.42 | 268.81 | 265.69 | 266.64 | 0.71 | ppb |
| Molybdenum | 94-1 | 25.01 | 25.36 | 25.23 | 25.20 | 0.71 | ppb |
| Molybdenum | 95-1 | 22.90 | 23.27 | 23.31 | 23.16 | 0.97 | ppb |
| Molybdenum | 96-1 | 23.38 | 23.38 | 23.90 | 23.55 | 1.29 | ppb |
| Molybdenum | 97-1 | 23.55 | 23.49 | 23.76 | 23.60 | 0.59 | ppb |
| Molybdenum | 98-1 | 23.34 | 23.01 | 23.16 | 23.17 | 0.72 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 16.81 | 16.94 | 16.76 | 16.83 | 0.57 | ppb |
| Phosphorus | 31-2 | 212.85 | 234.07 | 225.11 | 224.01 | 4.75 | ppb |
| Potassium | 39-2 | 924.01 | 932.89 | 931.31 | 929.40 | 0.51 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 1.34 | 1.07 | 1.12 | 1.18 | 12.01 | ppb |
| Selenium | 77-2 | 1.23 | 1.53 | 1.83 | 1.53 | 19.75 | ppb |
| Selenium | 78-2 | 0.38 | 0.90 | 0.99 | 0.75 | 43.68 | ppb |
| Silicon | 28-1 | 163.48 | 176.73 | 186.28 | 175.50 | 6.53 | ppb |
| Silver | 107-1 | 1.39 | 1.46 | 1.43 | 1.43 | 2.56 | ppb |
| Silver | 109-1 | 1.39 | 1.44 | 1.43 | 1.42 | 1.97 | ppb |
| Sodium | 23-2 | 3232.88 | 3216.22 | 3226.10 | 3225.07 | 0.26 | ppb |
| Strontium | 86-1 | 2190.41 | 2210.69 | 2181.11 | 2194.07 | 0.69 | ppb |
| Strontium | 88-1 | 2255.19 | 2258.73 | 2272.12 | 2262.01 | 0.39 | ppb |
| Sulfur | 34-1 | 671.79 | 614.85 | 582.82 | 623.15 | 7.23 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.23 | 0.24 | 0.24 | 0.24 | 0.99 | ppb |
| Thallium | 205-1 | 0.25 | 0.24 | 0.23 | 0.24 | 3.07 | ppb |
| Tin | 118-1 | 165.28 | 170.14 | 169.28 | 168.23 | 1.54 | ppb |
| Titanium | 47-1 | 128.69 | 128.68 | 128.84 | 128.73 | 0.07 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:44:41 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.76 | 0.78 | 0.77 | 0.77 | 1.29 | ppb |
| Vanadium | 51-2 | 10.62 | 10.82 | 10.68 | 10.71 | 0.94 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 3175.44 | 3203.91 | 3242.59 | 3207.31 | 1.05 | ppb |
| Zirconium | 90-1 | 3.26 | 3.32 | 3.27 | 3.28 | 0.96 | ppb |
| Zirconium | 91-1 | 3.41 | 3.60 | 3.56 | 3.53 | 2.80 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:47:51 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1737.83 | 1737.62 | 1739.24 | 1738.23 | 0.05 | ppb |
| Antimony | 121-1 | 232.04 | 245.90 | 246.50 | 241.48 | 3.39 | ppb |
| Arsenic | 75-2 | 516.34 | 524.28 | 517.01 | 519.21 | 0.85 | ppb |
| Barium | 135-1 | 60.47 | 63.83 | 64.61 | 62.97 | 3.49 | ppb |
| Barium | 137-1 | 61.33 | 64.86 | 65.46 | 63.88 | 3.49 | ppb |
| Beryllium | 9-1 | 0.12 | 0.14 | 0.12 | 0.13 | 7.91 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.15 | 1.31 | 1.08 | 1.18 | 9.86 | ppb |
| Cadmium | 106-1 | 1.61 | 1.30 | 1.07 | 1.33 | 20.19 | ppb |
| Cadmium | 111-1 | 0.63 | 0.57 | 0.61 | 0.60 | 4.67 | ppb |
| Calcium | 43-1 | 6960.63 | 7516.59 | 7676.29 | 7384.50 | 5.09 | ppb |
| Calcium | 44-1 | 6846.37 | 7432.64 | 7394.47 | 7224.49 | 4.54 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.85 | 5.03 | 4.89 | 4.92 | 1.98 | ppb |
| Cobalt | 59-2 | 14.35 | 14.29 | 14.27 | 14.30 | 0.29 | ppb |
| Copper | 63-2 | 240.44 | 237.36 | 238.61 | 238.80 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 109 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 15268.65 | 15092.13 | 15287.78 | 15216.19 | 0.71 | ppb |
| Iron | 57-2 | 15376.86 | 15172.94 | 14889.63 | 15146.48 | 1.62 | ppb |
| Iron | 54-2 | 15328.11 | 15170.81 | 15251.94 | 15250.28 | 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 : | P5364-11DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:47:51 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 439.58 | 468.09 | 459.39 | 455.69 | 3.21 | ppb |
| Lead | 207-1 | 430.87 | 474.28 | 460.73 | 455.29 | 4.88 | ppb |
| Lead | 208-1 | 434.51 | 466.52 | 459.98 | 453.67 | 3.73 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 905.07 | 892.39 | 896.45 | 897.97 | 0.72 | ppb |
| Manganese | 55-2 | 133.07 | 132.23 | 132.95 | 132.75 | 0.34 | ppb |
| Molybdenum | 94-1 | 11.69 | 12.37 | 12.44 | 12.17 | 3.39 | ppb |
| Molybdenum | 95-1 | 10.78 | 11.44 | 11.49 | 11.24 | 3.53 | ppb |
| Molybdenum | 96-1 | 11.01 | 11.53 | 11.70 | 11.41 | 3.14 | ppb |
| Molybdenum | 97-1 | 10.80 | 11.49 | 11.55 | 11.28 | 3.69 | ppb |
| Molybdenum | 98-1 | 10.94 | 11.44 | 11.46 | 11.28 | 2.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.45 | 8.26 | 8.46 | 8.39 | 1.33 | ppb |
| Phosphorus | 31-2 | 93.85 | 97.31 | 115.94 | 102.37 | 11.61 | ppb |
| Potassium | 39-2 | 463.81 | 460.98 | 459.73 | 461.51 | 0.45 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.86 | 0.74 | 0.41 | 0.67 | 35.46 | ppb |
| Selenium | 77-2 | 0.77 | 0.62 | 0.46 | 0.62 | 25.31 | ppb |
| Selenium | 78-2 | -0.29 | 0.47 | 0.35 | 0.18 | 233.72 | ppb |
| Silicon | 28-1 | 84.91 | 86.85 | 86.28 | 86.01 | 1.16 | ppb |
| Silver | 107-1 | 0.67 | 0.69 | 0.72 | 0.69 | 3.41 | ppb |
| Silver | 109-1 | 0.65 | 0.68 | 0.69 | 0.67 | 2.88 | ppb |
| Sodium | 23-2 | 1623.94 | 1588.22 | 1582.62 | 1598.26 | 1.40 | ppb |
| Strontium | 86-1 | 1021.11 | 1075.60 | 1098.88 | 1065.20 | 3.75 | ppb |
| Strontium | 88-1 | 1049.95 | 1118.85 | 1120.13 | 1096.31 | 3.66 | ppb |
| Sulfur | 34-1 | 30.47 | 281.90 | 357.00 | 223.12 | 76.65 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.10 | 0.12 | 0.10 | 0.11 | 8.95 | ppb |
| Thallium | 205-1 | 0.10 | 0.11 | 0.11 | 0.11 | 5.01 | ppb |
| Tin | 118-1 | 74.62 | 78.74 | 79.50 | 77.62 | 3.38 | ppb |
| Titanium | 47-1 | 59.86 | 63.62 | 65.21 | 62.90 | 4.36 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:47:51 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.37 | 0.38 | 0.40 | 0.39 | 4.04 | ppb |
| Vanadium | 51-2 | 5.38 | 5.42 | 5.27 | 5.36 | 1.39 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 1588.26 | 1563.24 | 1570.27 | 1573.92 | 0.82 | ppb |
| Zirconium | 90-1 | 1.52 | 1.63 | 1.59 | 1.58 | 3.41 | ppb |
| Zirconium | 91-1 | 1.67 | 1.75 | 1.78 | 1.73 | 3.45 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:50:59 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8769.42 | 8934.68 | 9058.75 | 8920.95 | 1.63 | ppb |
| Antimony | 121-1 | 686.67 | 702.22 | 705.73 | 698.21 | 1.45 | ppb |
| Arsenic | 75-2 | 1479.48 | 1460.32 | 1474.42 | 1471.41 | 0.67 | ppb |
| Barium | 135-1 | 144.47 | 147.59 | 149.51 | 147.19 | 1.73 | ppb |
| Barium | 137-1 | 147.31 | 148.66 | 152.37 | 149.45 | 1.75 | ppb |
| Beryllium | 9-1 | 0.34 | 0.29 | 0.32 | 0.31 | 7.94 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.94 | 4.45 | 4.23 | 4.21 | 6.02 | ppb |
| Cadmium | 106-1 | 5.16 | 4.03 | 5.10 | 4.76 | 13.42 | ppb |
| Cadmium | 111-1 | 2.27 | 2.21 | 2.41 | 2.29 | 4.48 | ppb |
| Calcium | 43-1 | 9249.76 | 9575.87 | 9596.33 | 9473.99 | 2.05 | ppb |
| Calcium | 44-1 | 8920.07 | 9219.74 | 9306.26 | 9148.69 | 2.22 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 26.60 | 26.68 | 26.85 | 26.71 | 0.48 | ppb |
| Cobalt | 59-2 | 66.36 | 68.02 | 67.54 | 67.31 | 1.27 | ppb |
| Copper | 63-2 | 552.52 | 563.89 | 560.95 | 559.12 | 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 | | | | 109 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 112 | | % |
| Indium | 115-2 | | | | 108 | | % |
| Iron | 56-2 | 53575.01 | 54154.71 | 53850.01 | 53859.91 | 0.54 | ppb |
| Iron | 57-2 | 52433.33 | 53118.19 | 52607.34 | 52719.62 | 0.68 | ppb |
| Iron | 54-2 | 53915.23 | 54343.23 | 53999.15 | 54085.87 | 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 : | P5363-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:50:59 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1110.12 | 1139.15 | 1134.78 | 1128.01 | 1.39 | ppb |
| Lead | 207-1 | 1105.84 | 1124.17 | 1122.54 | 1117.52 | 0.91 | ppb |
| Lead | 208-1 | 1098.83 | 1130.68 | 1128.68 | 1119.40 | 1.59 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 5290.88 | 5326.51 | 5391.87 | 5336.42 | 0.96 | ppb |
| Manganese | 55-2 | 667.60 | 667.67 | 659.73 | 665.00 | 0.69 | ppb |
| Molybdenum | 94-1 | 21.97 | 22.47 | 22.63 | 22.36 | 1.54 | ppb |
| Molybdenum | 95-1 | 18.75 | 19.00 | 19.26 | 19.01 | 1.35 | ppb |
| Molybdenum | 96-1 | 19.69 | 20.01 | 20.04 | 19.91 | 0.96 | ppb |
| Molybdenum | 97-1 | 18.77 | 19.42 | 19.60 | 19.26 | 2.25 | ppb |
| Molybdenum | 98-1 | 18.84 | 19.47 | 19.55 | 19.29 | 2.03 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 36.71 | 37.14 | 37.18 | 37.01 | 0.71 | ppb |
| Phosphorus | 31-2 | 597.24 | 609.44 | 623.13 | 609.93 | 2.12 | ppb |
| Potassium | 39-2 | 2411.75 | 2436.91 | 2420.31 | 2422.99 | 0.53 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 1.90 | 1.37 | 1.47 | 1.58 | 17.96 | ppb |
| Selenium | 77-2 | 2.68 | 2.81 | 3.60 | 3.03 | 16.41 | ppb |
| Selenium | 78-2 | 1.15 | 1.88 | 2.71 | 1.91 | 40.94 | ppb |
| Silicon | 28-1 | 520.63 | 524.12 | 522.75 | 522.50 | 0.34 | ppb |
| Silver | 107-1 | 2.02 | 2.02 | 2.06 | 2.04 | 1.11 | ppb |
| Silver | 109-1 | 1.98 | 2.01 | 2.04 | 2.01 | 1.62 | ppb |
| Sodium | 23-2 | 6831.43 | 6980.34 | 7000.37 | 6937.38 | 1.33 | ppb |
| Strontium | 86-1 | 1563.01 | 1600.21 | 1598.70 | 1587.31 | 1.33 | ppb |
| Strontium | 88-1 | 1597.81 | 1652.77 | 1640.40 | 1630.33 | 1.77 | ppb |
| Sulfur | 34-1 | 1121.08 | 1224.42 | 1252.94 | 1199.48 | 5.78 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.51 | 0.54 | 0.56 | 0.54 | 4.45 | ppb |
| Thallium | 205-1 | 0.53 | 0.55 | 0.55 | 0.54 | 2.03 | ppb |
| Tin | 118-1 | 158.68 | 162.51 | 164.06 | 161.75 | 1.71 | ppb |
| Titanium | 47-1 | 286.37 | 295.20 | 300.00 | 293.86 | 2.35 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:50:59 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.46 | 1.49 | 1.53 | 1.49 | 2.23 | ppb |
| Vanadium | 51-2 | 31.35 | 31.58 | 31.30 | 31.41 | 0.47 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 4480.95 | 4467.48 | 4503.93 | 4484.12 | 0.41 | ppb |
| Zirconium | 90-1 | 3.56 | 3.64 | 3.71 | 3.64 | 2.05 | ppb |
| Zirconium | 91-1 | 3.93 | 3.96 | 4.05 | 3.98 | 1.53 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:54:07 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3485.50 | 3506.59 | 3484.77 | 3492.29 | 0.35 | ppb |
| Antimony | 121-1 | 275.50 | 286.98 | 282.65 | 281.71 | 2.06 | ppb |
| Arsenic | 75-2 | 598.17 | 601.95 | 586.00 | 595.37 | 1.40 | ppb |
| Barium | 135-1 | 58.64 | 59.28 | 59.88 | 59.26 | 1.05 | ppb |
| Barium | 137-1 | 59.17 | 60.45 | 60.93 | 60.18 | 1.51 | ppb |
| Beryllium | 9-1 | 0.10 | 0.12 | 0.13 | 0.11 | 12.94 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.43 | 1.79 | 1.86 | 1.70 | 13.53 | ppb |
| Cadmium | 106-1 | 1.37 | 1.37 | 0.86 | 1.20 | 24.65 | ppb |
| Cadmium | 111-1 | 0.93 | 0.95 | 0.92 | 0.93 | 1.67 | ppb |
| Calcium | 43-1 | 3811.13 | 3798.88 | 3876.93 | 3828.98 | 1.10 | ppb |
| Calcium | 44-1 | 3749.55 | 3744.71 | 3756.36 | 3750.21 | 0.16 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 10.81 | 10.63 | 10.76 | 10.73 | 0.88 | ppb |
| Cobalt | 59-2 | 27.10 | 27.35 | 27.20 | 27.21 | 0.46 | ppb |
| Copper | 63-2 | 219.21 | 220.99 | 219.51 | 219.90 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 21611.76 | 21640.18 | 21739.91 | 21663.95 | 0.31 | ppb |
| Iron | 57-2 | 21794.92 | 21360.48 | 21229.40 | 21461.60 | 1.38 | ppb |
| Iron | 54-2 | 21733.60 | 21928.76 | 21712.88 | 21791.75 | 0.55 | 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 : | P5363-02DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:54:07 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 450.53 | 453.96 | 460.78 | 455.09 | 1.15 | ppb |
| Lead | 207-1 | 460.31 | 446.77 | 454.45 | 453.84 | 1.50 | ppb |
| Lead | 208-1 | 453.75 | 448.95 | 453.75 | 452.15 | 0.61 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 2031.72 | 2043.84 | 2035.44 | 2037.00 | 0.30 | ppb |
| Manganese | 55-2 | 260.77 | 261.58 | 260.26 | 260.87 | 0.25 | ppb |
| Molybdenum | 94-1 | 8.98 | 9.22 | 9.08 | 9.09 | 1.36 | ppb |
| Molybdenum | 95-1 | 7.74 | 7.92 | 7.71 | 7.79 | 1.45 | ppb |
| Molybdenum | 96-1 | 8.22 | 8.09 | 8.05 | 8.12 | 1.05 | ppb |
| Molybdenum | 97-1 | 7.91 | 8.02 | 8.01 | 7.98 | 0.77 | ppb |
| Molybdenum | 98-1 | 7.99 | 7.89 | 7.78 | 7.89 | 1.32 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 14.75 | 14.82 | 15.12 | 14.90 | 1.32 | ppb |
| Phosphorus | 31-2 | 223.04 | 240.37 | 232.72 | 232.04 | 3.74 | ppb |
| Potassium | 39-2 | 985.45 | 987.29 | 983.61 | 985.45 | 0.19 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.54 | 0.65 | 0.65 | 0.61 | 10.01 | ppb |
| Selenium | 77-2 | 0.77 | 0.15 | 1.51 | 0.81 | 83.91 | ppb |
| Selenium | 78-2 | 0.45 | 0.88 | -0.49 | 0.28 | 252.97 | ppb |
| Silicon | 28-1 | 202.54 | 204.67 | 212.27 | 206.49 | 2.48 | ppb |
| Silver | 107-1 | 0.79 | 0.81 | 0.86 | 0.82 | 4.32 | ppb |
| Silver | 109-1 | 0.80 | 0.83 | 0.82 | 0.82 | 1.69 | ppb |
| Sodium | 23-2 | 2819.34 | 2839.61 | 2829.34 | 2829.43 | 0.36 | ppb |
| Strontium | 86-1 | 649.38 | 646.58 | 650.64 | 648.87 | 0.32 | ppb |
| Strontium | 88-1 | 645.59 | 648.05 | 651.07 | 648.24 | 0.42 | ppb |
| Sulfur | 34-1 | 162.57 | 89.20 | 177.02 | 142.93 | 32.95 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.20 | 0.22 | 0.19 | 0.20 | 6.22 | ppb |
| Thallium | 205-1 | 0.20 | 0.19 | 0.20 | 0.20 | 3.52 | ppb |
| Tin | 118-1 | 62.82 | 63.54 | 64.06 | 63.48 | 0.98 | ppb |
| Titanium | 47-1 | 117.73 | 118.00 | 117.93 | 117.89 | 0.12 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:54:07 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.61 | 0.60 | 0.62 | 0.61 | 1.58 | ppb |
| Vanadium | 51-2 | 12.69 | 12.63 | 12.76 | 12.70 | 0.50 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 1845.09 | 1823.06 | 1818.02 | 1828.72 | 0.79 | ppb |
| Zirconium | 90-1 | 1.41 | 1.48 | 1.46 | 1.45 | 2.30 | ppb |
| Zirconium | 91-1 | 1.61 | 1.56 | 1.61 | 1.60 | 1.76 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:57:14 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2805.25 | 2814.20 | 2823.72 | 2814.39 | 0.33 | ppb |
| Antimony | 121-1 | 144.16 | 146.42 | 146.38 | 145.65 | 0.89 | ppb |
| Arsenic | 75-2 | 372.95 | 376.56 | 377.79 | 375.77 | 0.67 | ppb |
| Barium | 135-1 | 63.89 | 65.78 | 66.00 | 65.23 | 1.78 | ppb |
| Barium | 137-1 | 64.51 | 67.11 | 67.49 | 66.37 | 2.44 | ppb |
| Beryllium | 9-1 | 0.08 | 0.10 | 0.11 | 0.10 | 11.03 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.23 | 1.30 | 1.07 | 1.20 | 10.18 | ppb |
| Cadmium | 106-1 | 1.45 | 0.75 | 1.36 | 1.19 | 32.14 | ppb |
| Cadmium | 111-1 | 0.51 | 0.52 | 0.52 | 0.52 | 0.94 | ppb |
| Calcium | 43-1 | 8792.68 | 9014.68 | 9018.37 | 8941.91 | 1.45 | ppb |
| Calcium | 44-1 | 8550.78 | 8697.76 | 8810.14 | 8686.23 | 1.50 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8.06 | 8.00 | 8.04 | 8.03 | 0.39 | ppb |
| Cobalt | 59-2 | 32.06 | 31.99 | 32.16 | 32.07 | 0.27 | ppb |
| Copper | 63-2 | 189.22 | 191.09 | 190.97 | 190.42 | 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 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 21639.93 | 21720.85 | 21759.67 | 21706.81 | 0.28 | ppb |
| Iron | 57-2 | 21917.84 | 21343.54 | 21558.56 | 21606.65 | 1.34 | ppb |
| Iron | 54-2 | 21880.30 | 21436.60 | 21724.02 | 21680.31 | 1.04 | 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 : | P5363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:57:14 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 315.77 | 326.84 | 325.27 | 322.63 | 1.86 | ppb |
| Lead | 207-1 | 312.34 | 326.47 | 323.49 | 320.77 | 2.32 | ppb |
| Lead | 208-1 | 312.69 | 324.91 | 324.20 | 320.60 | 2.14 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 1754.39 | 1771.45 | 1761.23 | 1762.35 | 0.49 | ppb |
| Manganese | 55-2 | 158.19 | 157.73 | 156.44 | 157.45 | 0.57 | ppb |
| Molybdenum | 94-1 | 8.03 | 8.18 | 8.27 | 8.16 | 1.48 | ppb |
| Molybdenum | 95-1 | 4.42 | 4.67 | 4.67 | 4.58 | 3.15 | ppb |
| Molybdenum | 96-1 | 4.95 | 5.14 | 5.20 | 5.10 | 2.59 | ppb |
| Molybdenum | 97-1 | 4.39 | 4.54 | 4.71 | 4.55 | 3.52 | ppb |
| Molybdenum | 98-1 | 4.41 | 4.59 | 4.70 | 4.57 | 3.23 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.41 | 8.41 | 8.60 | 8.47 | 1.29 | ppb |
| Phosphorus | 31-2 | 359.61 | 334.60 | 354.11 | 349.44 | 3.76 | ppb |
| Potassium | 39-2 | 919.76 | 919.95 | 918.39 | 919.37 | 0.09 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.70 | 0.57 | 0.32 | 0.53 | 36.26 | ppb |
| Selenium | 77-2 | 1.37 | 0.77 | 1.09 | 1.08 | 27.79 | ppb |
| Selenium | 78-2 | 1.16 | 0.81 | 0.03 | 0.67 | 86.22 | ppb |
| Silicon | 28-1 | 113.31 | 118.06 | 126.57 | 119.31 | 5.63 | ppb |
| Silver | 107-1 | 0.55 | 0.55 | 0.56 | 0.55 | 0.83 | ppb |
| Silver | 109-1 | 0.56 | 0.56 | 0.57 | 0.56 | 1.03 | ppb |
| Sodium | 23-2 | 2474.68 | 2544.06 | 2489.33 | 2502.69 | 1.46 | ppb |
| Strontium | 86-1 | 1942.74 | 1975.70 | 2002.32 | 1973.59 | 1.51 | ppb |
| Strontium | 88-1 | 2018.65 | 2034.66 | 2059.63 | 2037.65 | 1.01 | ppb |
| Sulfur | 34-1 | 12.71 | 176.98 | 208.80 | 132.83 | 79.23 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.11 | 0.10 | 0.11 | 0.10 | 6.70 | ppb |
| Thallium | 205-1 | 0.11 | 0.11 | 0.11 | 0.11 | 2.87 | ppb |
| Tin | 118-1 | 39.82 | 40.70 | 40.86 | 40.46 | 1.38 | ppb |
| Titanium | 47-1 | 124.53 | 129.62 | 129.19 | 127.78 | 2.21 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:57:14 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.38 | 0.38 | 0.38 | 0.38 | 1.44 | ppb |
| Vanadium | 51-2 | 11.06 | 11.09 | 11.27 | 11.14 | 1.02 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 1552.84 | 1524.72 | 1497.96 | 1525.17 | 1.80 | ppb |
| Zirconium | 90-1 | 2.34 | 2.41 | 2.50 | 2.42 | 3.28 | ppb |
| Zirconium | 91-1 | 2.51 | 2.55 | 2.59 | 2.55 | 1.63 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:00:23 | DataFile Name : | 167CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50653.33 | 50342.55 | 50788.38 | 50594.75 | 0.45 | ppb |
| Antimony | 121-1 | 490.36 | 492.73 | 493.40 | 492.16 | 0.32 | ppb |
| Arsenic | 75-2 | 487.59 | 494.95 | 486.64 | 489.72 | 0.93 | ppb |
| Barium | 135-1 | 2464.87 | 2496.72 | 2485.93 | 2482.50 | 0.65 | ppb |
| Barium | 137-1 | 2502.87 | 2522.31 | 2490.07 | 2505.08 | 0.65 | ppb |
| Beryllium | 9-1 | 495.56 | 498.14 | 483.48 | 492.39 | 1.59 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 91 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 488.47 | 489.53 | 487.55 | 488.51 | 0.20 | ppb |
| Cadmium | 106-1 | 495.00 | 488.04 | 479.19 | 487.41 | 1.63 | ppb |
| Cadmium | 111-1 | 470.46 | 472.21 | 467.86 | 470.18 | 0.47 | ppb |
| Calcium | 43-1 | 250040.09 | 252995.85 | 255723.31 | 252919.75 | 1.12 | ppb |
| Calcium | 44-1 | 250527.74 | 253799.26 | 256363.71 | 253563.57 | 1.15 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 506.54 | 501.10 | 491.21 | 499.62 | 1.56 | ppb |
| Cobalt | 59-2 | 502.33 | 497.25 | 503.70 | 501.09 | 0.68 | ppb |
| Copper | 63-2 | 4910.49 | 4879.06 | 4921.49 | 4903.68 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 95 | | % |
| Indium | 115-1 | | | | 89 | | % |
| Indium | 115-2 | | | | 81 | | % |
| Iron | 56-2 | 130755.37 | 129054.13 | 130110.79 | 129973.43 | 0.66 | ppb |
| Iron | 57-2 | 130062.53 | 127189.90 | 130741.93 | 129331.45 | 1.46 | ppb |
| Iron | 54-2 | 130714.59 | 130158.54 | 129065.60 | 129979.58 | 0.65 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:00:23 | DataFile Name : | 167CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2538.65 | 2629.50 | 2603.41 | 2590.52 | 1.81 | ppb |
| Lead | 207-1 | 2511.65 | 2602.37 | 2563.82 | 2559.28 | 1.78 | ppb |
| Lead | 208-1 | 2524.68 | 2601.55 | 2575.44 | 2567.22 | 1.52 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 252101.60 | 250488.23 | 249867.62 | 250819.15 | 0.46 | ppb |
| Manganese | 55-2 | 4994.86 | 4969.13 | 5013.10 | 4992.37 | 0.44 | ppb |
| Molybdenum | 94-1 | 5050.53 | 5108.70 | 5103.27 | 5087.50 | 0.63 | ppb |
| Molybdenum | 95-1 | 5059.29 | 5033.27 | 5055.91 | 5049.49 | 0.28 | ppb |
| Molybdenum | 96-1 | 5099.89 | 5029.69 | 5082.52 | 5070.70 | 0.72 | ppb |
| Molybdenum | 97-1 | 5062.02 | 5103.90 | 5089.45 | 5085.12 | 0.42 | ppb |
| Molybdenum | 98-1 | 5048.97 | 5072.20 | 5051.58 | 5057.58 | 0.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 479.91 | 475.19 | 478.42 | 477.84 | 0.50 | ppb |
| Phosphorus | 31-2 | 9987.94 | 9882.21 | 9930.27 | 9933.47 | 0.53 | ppb |
| Potassium | 39-2 | 122059.78 | 123238.02 | 123006.18 | 122768.00 | 0.51 | ppb |
| Rhodium | 103-1 | | | | 84 | | % |
| Rhodium | 103-2 | | | | 81 | | % |
| Scandium | 45-1 | | | | 85 | | % |
| Scandium | 45-2 | | | | 78 | | % |
| Selenium | 82-1 | 481.32 | 483.46 | 483.81 | 482.86 | 0.28 | ppb |
| Selenium | 77-2 | 486.61 | 469.84 | 477.37 | 477.94 | 1.76 | ppb |
| Selenium | 78-2 | 479.44 | 483.29 | 473.37 | 478.70 | 1.04 | ppb |
| Silicon | 28-1 | 254.88 | 251.97 | 253.40 | 253.42 | 0.57 | ppb |
| Silver | 107-1 | 485.73 | 484.26 | 478.58 | 482.85 | 0.78 | ppb |
| Silver | 109-1 | 483.29 | 483.20 | 474.13 | 480.21 | 1.10 | ppb |
| Sodium | 23-2 | 254344.33 | 249077.03 | 251262.55 | 251561.31 | 1.05 | ppb |
| Strontium | 86-1 | 12646.98 | 12789.09 | 12825.67 | 12753.91 | 0.74 | ppb |
| Strontium | 88-1 | 12562.82 | 12696.34 | 12518.38 | 12592.51 | 0.74 | ppb |
| Sulfur | 34-1 | 10357.68 | 10504.52 | 10390.06 | 10417.42 | 0.74 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 94 | | % |
| Thallium | 203-1 | 508.05 | 523.76 | 530.91 | 520.90 | 2.25 | ppb |
| Thallium | 205-1 | 509.50 | 529.10 | 524.24 | 520.94 | 1.96 | ppb |
| Tin | 118-1 | 495.31 | 497.02 | 496.64 | 496.32 | 0.18 | ppb |
| Titanium | 47-1 | 4939.97 | 5029.86 | 4983.19 | 4984.34 | 0.90 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:00:23 | DataFile Name : | 167CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 514.89 | 524.18 | 523.05 | 520.70 | 0.97 | ppb |
| Vanadium | 51-2 | 518.93 | 515.08 | 511.35 | 515.12 | 0.74 | ppb |
| Yttrium | 89-1 | | | | 91 | | % |
| Yttrium | 89-2 | | | | 84 | | % |
| Zinc | 66-2 | 4855.48 | 4794.36 | 4850.92 | 4833.59 | 0.70 | ppb |
| Zirconium | 90-1 | 499.73 | 509.22 | 504.86 | 504.60 | 0.94 | ppb |
| Zirconium | 91-1 | 506.82 | 508.36 | 513.65 | 509.61 | 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 : | CCB018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:03:08 | DataFile Name : | 168CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.92 | 3.95 | 3.89 | 3.92 | 0.76 | ppb |
| Antimony | 121-1 | 0.28 | 0.25 | 0.20 | 0.24 | 15.81 | ppb |
| Arsenic | 75-2 | 0.09 | 0.02 | 0.03 | 0.05 | 88.94 | ppb |
| Barium | 135-1 | 0.36 | 0.32 | 0.26 | 0.31 | 16.73 | ppb |
| Barium | 137-1 | 0.36 | 0.29 | 0.27 | 0.31 | 16.13 | ppb |
| Beryllium | 9-1 | 0.12 | 0.15 | 0.09 | 0.12 | 25.52 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.07 | 0.04 | 0.05 | 0.05 | 28.64 | ppb |
| Cadmium | 106-1 | -0.98 | -0.93 | -1.64 | -1.18 | | ppb |
| Cadmium | 111-1 | 0.07 | 0.05 | 0.02 | 0.05 | 48.37 | ppb |
| Calcium | 43-1 | 39.21 | 32.69 | 26.08 | 32.66 | 20.10 | ppb |
| Calcium | 44-1 | 40.11 | 32.24 | 25.53 | 32.63 | 22.36 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.03 | 0.04 | 0.06 | 0.05 | 23.84 | ppb |
| Cobalt | 59-2 | 0.04 | 0.04 | 0.04 | 0.04 | 1.03 | ppb |
| Copper | 63-2 | 0.51 | 0.44 | 0.43 | 0.46 | 8.61 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 11.93 | 11.22 | 10.42 | 11.19 | 6.76 | ppb |
| Iron | 57-2 | 9.70 | 8.02 | 8.91 | 8.88 | 9.51 | ppb |
| Iron | 54-2 | 12.61 | 11.32 | 10.72 | 11.55 | 8.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:03:08 | DataFile Name : | 168CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.43 | 0.35 | 0.30 | 0.36 | 18.85 | ppb |
| Lead | 207-1 | 0.40 | 0.34 | 0.30 | 0.35 | 13.93 | ppb |
| Lead | 208-1 | 0.42 | 0.34 | 0.29 | 0.35 | 18.49 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 19.75 | 18.83 | 17.28 | 18.62 | 6.70 | ppb |
| Manganese | 55-2 | 0.46 | 0.40 | 0.39 | 0.42 | 8.80 | ppb |
| Molybdenum | 94-1 | 0.85 | 0.72 | 0.64 | 0.74 | 14.37 | ppb |
| Molybdenum | 95-1 | 0.89 | 0.71 | 0.60 | 0.73 | 19.67 | ppb |
| Molybdenum | 96-1 | 0.87 | 0.68 | 0.58 | 0.71 | 20.61 | ppb |
| Molybdenum | 97-1 | 0.89 | 0.71 | 0.61 | 0.74 | 19.42 | ppb |
| Molybdenum | 98-1 | 0.88 | 0.75 | 0.60 | 0.75 | 18.69 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.01 | -0.02 | 0.03 | 0.00 | 1611.94 | ppb |
| Phosphorus | 31-2 | -13.17 | -18.35 | -18.10 | -16.54 | | ppb |
| Potassium | 39-2 | 14.03 | 12.42 | 11.00 | 12.48 | 12.14 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 85 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 0.35 | 0.15 | 0.36 | 0.29 | 40.75 | ppb |
| Selenium | 77-2 | 0.17 | 0.00 | 0.00 | 0.06 | 173.21 | ppb |
| Selenium | 78-2 | -1.21 | -0.51 | -0.99 | -0.90 | | ppb |
| Silicon | 28-1 | -4.52 | -4.53 | -4.33 | -4.46 | | ppb |
| Silver | 107-1 | 0.12 | 0.10 | 0.09 | 0.10 | 15.61 | ppb |
| Silver | 109-1 | 0.12 | 0.09 | 0.08 | 0.09 | 23.20 | ppb |
| Sodium | 23-2 | 33.18 | 31.96 | 29.55 | 31.56 | 5.84 | ppb |
| Strontium | 86-1 | 2.10 | 1.59 | 1.33 | 1.67 | 23.30 | ppb |
| Strontium | 88-1 | 2.04 | 1.48 | 1.44 | 1.65 | 20.37 | ppb |
| Sulfur | 34-1 | -179.70 | -158.58 | -182.07 | -173.45 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.13 | 0.09 | 0.09 | 0.10 | 22.12 | ppb |
| Thallium | 205-1 | 0.13 | 0.11 | 0.09 | 0.11 | 20.93 | ppb |
| Tin | 118-1 | 0.11 | 0.09 | 0.07 | 0.09 | 22.20 | ppb |
| Titanium | 47-1 | 0.79 | 0.56 | 0.58 | 0.65 | 19.80 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:03:08 | DataFile Name : | 168CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.07 | 0.06 | 0.05 | 0.06 | 22.73 | ppb |
| Vanadium | 51-2 | 0.03 | 0.03 | 0.04 | 0.04 | 12.35 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 88 | | % |
| Zinc | 66-2 | 0.62 | 0.56 | 0.51 | 0.57 | 9.74 | ppb |
| Zirconium | 90-1 | 0.10 | 0.08 | 0.07 | 0.08 | 19.61 | ppb |
| Zirconium | 91-1 | 0.10 | 0.07 | 0.07 | 0.08 | 22.82 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:06:31 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8728.99 | 8634.08 | 8741.16 | 8701.41 | 0.67 | ppb |
| Antimony | 121-1 | 496.48 | 588.77 | 490.45 | 525.23 | 10.49 | ppb |
| Arsenic | 75-2 | 1391.40 | 1383.41 | 1375.16 | 1383.33 | 0.59 | ppb |
| Barium | 135-1 | 97.58 | 117.84 | 98.31 | 104.58 | 10.99 | ppb |
| Barium | 137-1 | 99.34 | 119.45 | 98.99 | 105.93 | 11.06 | ppb |
| Beryllium | 9-1 | 0.31 | 0.45 | 0.40 | 0.39 | 17.38 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.72 | 3.25 | 2.70 | 2.89 | 10.77 | ppb |
| Cadmium | 106-1 | 2.05 | 3.59 | 2.30 | 2.65 | 31.15 | ppb |
| Cadmium | 111-1 | 1.67 | 2.06 | 1.72 | 1.82 | 11.88 | ppb |
| Calcium | 43-1 | 7966.09 | 9506.49 | 8094.10 | 8522.23 | 10.03 | ppb |
| Calcium | 44-1 | 7720.77 | 9326.08 | 7857.73 | 8301.53 | 10.72 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 27.41 | 27.82 | 27.62 | 27.62 | 0.73 | ppb |
| Cobalt | 59-2 | 95.66 | 96.29 | 96.40 | 96.12 | 0.41 | ppb |
| Copper | 63-2 | 623.35 | 632.45 | 626.67 | 627.49 | 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 | | | | 105 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 50595.21 | 51016.72 | 50469.51 | 50693.81 | 0.57 | ppb |
| Iron | 57-2 | 49725.26 | 50293.12 | 50230.06 | 50082.81 | 0.62 | ppb |
| Iron | 54-2 | 50963.16 | 51079.73 | 50486.15 | 50843.01 | 0.62 | 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 : | P5363-04DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:06:31 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 921.88 | 1117.98 | 955.22 | 998.36 | 10.51 | ppb |
| Lead | 207-1 | 918.21 | 1098.42 | 937.12 | 984.58 | 10.06 | ppb |
| Lead | 208-1 | 918.83 | 1091.31 | 948.64 | 986.26 | 9.35 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 5130.23 | 5139.09 | 5102.74 | 5124.02 | 0.37 | ppb |
| Manganese | 55-2 | 414.68 | 418.64 | 414.38 | 415.90 | 0.57 | ppb |
| Molybdenum | 94-1 | 24.08 | 28.52 | 24.51 | 25.70 | 9.53 | ppb |
| Molybdenum | 95-1 | 22.98 | 27.52 | 23.54 | 24.68 | 10.04 | ppb |
| Molybdenum | 96-1 | 23.32 | 28.09 | 23.76 | 25.06 | 10.52 | ppb |
| Molybdenum | 97-1 | 23.20 | 27.59 | 23.52 | 24.77 | 9.86 | ppb |
| Molybdenum | 98-1 | 23.41 | 27.89 | 23.54 | 24.95 | 10.23 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 39.56 | 39.71 | 39.66 | 39.65 | 0.20 | ppb |
| Phosphorus | 31-2 | 520.48 | 533.01 | 504.93 | 519.47 | 2.71 | ppb |
| Potassium | 39-2 | 2532.69 | 2503.50 | 2515.21 | 2517.14 | 0.58 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 1.17 | 1.72 | 1.26 | 1.38 | 21.33 | ppb |
| Selenium | 77-2 | 2.70 | 2.39 | 2.03 | 2.37 | 14.17 | ppb |
| Selenium | 78-2 | 0.97 | 1.08 | 1.31 | 1.12 | 15.41 | ppb |
| Silicon | 28-1 | 252.34 | 311.53 | 269.92 | 277.93 | 10.94 | ppb |
| Silver | 107-1 | 1.57 | 1.84 | 1.53 | 1.64 | 10.47 | ppb |
| Silver | 109-1 | 1.58 | 1.81 | 1.50 | 1.63 | 10.04 | ppb |
| Sodium | 23-2 | 7224.64 | 7291.27 | 7312.46 | 7276.12 | 0.63 | ppb |
| Strontium | 86-1 | 1262.07 | 1498.38 | 1275.67 | 1345.37 | 9.86 | ppb |
| Strontium | 88-1 | 1298.61 | 1547.59 | 1298.18 | 1381.46 | 10.41 | ppb |
| Sulfur | 34-1 | 1087.49 | 2011.17 | 1099.62 | 1399.43 | 37.86 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.67 | 0.78 | 0.66 | 0.71 | 9.60 | ppb |
| Thallium | 205-1 | 0.68 | 0.80 | 0.66 | 0.71 | 10.54 | ppb |
| Tin | 118-1 | 170.37 | 202.58 | 168.18 | 180.38 | 10.68 | ppb |
| Titanium | 47-1 | 257.96 | 308.01 | 263.77 | 276.58 | 9.90 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:06:31 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.53 | 1.81 | 1.55 | 1.63 | 9.56 | ppb |
| Vanadium | 51-2 | 30.22 | 30.61 | 30.52 | 30.45 | 0.66 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 3327.40 | 3387.53 | 3374.67 | 3363.20 | 0.94 | ppb |
| Zirconium | 90-1 | 2.80 | 3.31 | 2.82 | 2.98 | 9.82 | ppb |
| Zirconium | 91-1 | 3.07 | 3.73 | 3.11 | 3.30 | 11.20 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:09:33 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3491.75 | 3520.88 | 3534.00 | 3515.54 | 0.62 | ppb |
| Antimony | 121-1 | 214.36 | 217.38 | 215.44 | 215.73 | 0.71 | ppb |
| Arsenic | 75-2 | 588.22 | 584.32 | 595.55 | 589.36 | 0.97 | ppb |
| Barium | 135-1 | 42.89 | 42.93 | 42.84 | 42.89 | 0.10 | ppb |
| Barium | 137-1 | 43.65 | 43.62 | 43.48 | 43.58 | 0.21 | ppb |
| Beryllium | 9-1 | 0.15 | 0.16 | 0.15 | 0.15 | 3.81 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.35 | 1.65 | 1.37 | 1.46 | 11.71 | ppb |
| Cadmium | 106-1 | 1.28 | 0.22 | 0.63 | 0.71 | 74.77 | ppb |
| Cadmium | 111-1 | 0.75 | 0.75 | 0.78 | 0.76 | 1.87 | ppb |
| Calcium | 43-1 | 3441.06 | 3509.18 | 3444.18 | 3464.81 | 1.11 | ppb |
| Calcium | 44-1 | 3414.17 | 3414.41 | 3404.60 | 3411.06 | 0.16 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 11.46 | 11.65 | 11.54 | 11.55 | 0.81 | ppb |
| Cobalt | 59-2 | 40.20 | 40.45 | 40.24 | 40.30 | 0.34 | ppb |
| Copper | 63-2 | 240.74 | 242.29 | 242.01 | 241.68 | 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 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 21001.99 | 21373.27 | 21121.86 | 21165.71 | 0.90 | ppb |
| Iron | 57-2 | 20703.67 | 20924.11 | 20978.08 | 20868.62 | 0.70 | ppb |
| Iron | 54-2 | 21030.15 | 21089.19 | 21474.99 | 21198.11 | 1.14 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:09:33 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 405.30 | 414.71 | 406.47 | 408.83 | 1.26 | ppb |
| Lead | 207-1 | 409.65 | 406.57 | 403.01 | 406.41 | 0.82 | ppb |
| Lead | 208-1 | 405.36 | 405.02 | 401.66 | 404.01 | 0.51 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 2007.05 | 2018.01 | 2009.45 | 2011.50 | 0.29 | ppb |
| Manganese | 55-2 | 170.00 | 171.85 | 171.53 | 171.13 | 0.58 | ppb |
| Molybdenum | 94-1 | 10.53 | 10.44 | 10.52 | 10.50 | 0.46 | ppb |
| Molybdenum | 95-1 | 10.13 | 10.09 | 10.03 | 10.08 | 0.49 | ppb |
| Molybdenum | 96-1 | 10.26 | 10.22 | 10.41 | 10.30 | 0.98 | ppb |
| Molybdenum | 97-1 | 10.20 | 10.11 | 10.33 | 10.21 | 1.08 | ppb |
| Molybdenum | 98-1 | 10.13 | 10.21 | 10.20 | 10.18 | 0.46 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 14.88 | 14.95 | 14.76 | 14.86 | 0.67 | ppb |
| Phosphorus | 31-2 | 206.78 | 217.32 | 205.60 | 209.90 | 3.07 | ppb |
| Potassium | 39-2 | 1059.53 | 1067.57 | 1068.58 | 1065.23 | 0.47 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.75 | 0.70 | 0.48 | 0.64 | 21.83 | ppb |
| Selenium | 77-2 | 0.95 | 2.03 | 1.27 | 1.42 | 39.39 | ppb |
| Selenium | 78-2 | 0.40 | 0.09 | -0.11 | 0.13 | 202.57 | ppb |
| Silicon | 28-1 | 134.76 | 116.48 | 118.99 | 123.41 | 8.03 | ppb |
| Silver | 107-1 | 0.65 | 0.66 | 0.64 | 0.65 | 1.50 | ppb |
| Silver | 109-1 | 0.65 | 0.65 | 0.64 | 0.64 | 1.19 | ppb |
| Sodium | 23-2 | 3034.98 | 3038.50 | 3053.38 | 3042.29 | 0.32 | ppb |
| Strontium | 86-1 | 550.60 | 558.22 | 550.48 | 553.10 | 0.80 | ppb |
| Strontium | 88-1 | 553.64 | 551.14 | 555.19 | 553.33 | 0.37 | ppb |
| Sulfur | 34-1 | 280.50 | 291.96 | 185.05 | 252.50 | 23.25 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.26 | 0.25 | 0.27 | 0.26 | 4.19 | ppb |
| Thallium | 205-1 | 0.27 | 0.26 | 0.26 | 0.27 | 3.04 | ppb |
| Tin | 118-1 | 71.37 | 72.08 | 70.95 | 71.47 | 0.80 | ppb |
| Titanium | 47-1 | 113.96 | 115.98 | 112.40 | 114.11 | 1.58 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:09:33 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.67 | 0.68 | 0.66 | 0.67 | 1.69 | ppb |
| Vanadium | 51-2 | 12.76 | 12.79 | 12.71 | 12.75 | 0.30 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 1360.91 | 1375.76 | 1384.75 | 1373.80 | 0.88 | ppb |
| Zirconium | 90-1 | 1.24 | 1.21 | 1.21 | 1.22 | 1.20 | ppb |
| Zirconium | 91-1 | 1.31 | 1.31 | 1.38 | 1.34 | 2.88 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:12:44 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14843.61 | 14628.82 | 14688.15 | 14720.20 | 0.75 | ppb |
| Antimony | 121-1 | 4420.45 | 4504.20 | 4474.84 | 4466.50 | 0.95 | ppb |
| Arsenic | 75-2 | 7672.09 | 7549.09 | 7613.91 | 7611.70 | 0.81 | ppb |
| Barium | 135-1 | 543.26 | 557.23 | 553.51 | 551.33 | 1.31 | ppb |
| Barium | 137-1 | 554.99 | 559.00 | 554.93 | 556.31 | 0.42 | ppb |
| Beryllium | 9-1 | 0.99 | 0.96 | 1.02 | 0.99 | 2.76 | ppb |
| Bismuth | 209-1 | | | | 116 | | % |
| Bismuth | 209-2 | | | | 111 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 20.37 | 20.80 | 21.08 | 20.75 | 1.73 | ppb |
| Cadmium | 106-1 | 20.65 | 21.84 | 19.89 | 20.79 | 4.71 | ppb |
| Cadmium | 111-1 | 13.31 | 13.07 | 13.35 | 13.24 | 1.12 | ppb |
| Calcium | 43-1 | 22457.81 | 23116.89 | 22829.18 | 22801.29 | 1.45 | ppb |
| Calcium | 44-1 | 22239.62 | 22399.81 | 22379.77 | 22339.73 | 0.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 48.00 | 48.17 | 48.23 | 48.13 | 0.25 | ppb |
| Cobalt | 59-2 | 166.42 | 166.15 | 167.17 | 166.58 | 0.32 | ppb |
| Copper | 63-2 | 3104.33 | 3098.16 | 3115.99 | 3106.16 | 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 | | | | 109 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 134 | | % |
| Indium | 115-2 | | | | 130 | | % |
| Iron | 56-2 | 162074.78 | 160787.97 | 161359.66 | 161407.47 | 0.40 | ppb |
| Iron | 57-2 | 158461.85 | 159767.61 | 159302.18 | 159177.21 | 0.42 | ppb |
| Iron | 54-2 | 160394.91 | 160100.80 | 161276.23 | 160590.65 | 0.38 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:12:44 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7837.24 | 7679.77 | 7540.46 | 7685.82 | 1.93 | ppb |
| Lead | 207-1 | 7637.70 | 7502.62 | 7408.90 | 7516.41 | 1.53 | ppb |
| Lead | 208-1 | 7706.04 | 7532.73 | 7470.03 | 7569.60 | 1.62 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 4581.77 | 4607.19 | 4580.41 | 4589.79 | 0.33 | ppb |
| Manganese | 55-2 | 1015.11 | 1017.41 | 1014.73 | 1015.75 | 0.14 | ppb |
| Molybdenum | 94-1 | 93.54 | 95.22 | 95.61 | 94.79 | 1.16 | ppb |
| Molybdenum | 95-1 | 95.06 | 98.20 | 97.93 | 97.06 | 1.79 | ppb |
| Molybdenum | 96-1 | 96.68 | 98.59 | 98.59 | 97.95 | 1.12 | ppb |
| Molybdenum | 97-1 | 97.27 | 98.76 | 99.29 | 98.44 | 1.07 | ppb |
| Molybdenum | 98-1 | 96.30 | 98.30 | 98.84 | 97.81 | 1.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 118.03 | 116.73 | 117.31 | 117.36 | 0.56 | ppb |
| Phosphorus | 31-2 | 326.93 | 326.51 | 331.25 | 328.23 | 0.80 | ppb |
| Potassium | 39-2 | 5831.99 | 5839.05 | 5795.95 | 5822.33 | 0.40 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 5.89 | 5.45 | 5.24 | 5.53 | 6.01 | ppb |
| Selenium | 77-2 | 7.46 | 5.73 | 7.92 | 7.04 | 16.41 | ppb |
| Selenium | 78-2 | 7.06 | 5.37 | 5.82 | 6.08 | 14.36 | ppb |
| Silicon | 28-1 | 1214.72 | 1238.56 | 1247.74 | 1233.68 | 1.38 | ppb |
| Silver | 107-1 | 11.90 | 12.06 | 12.13 | 12.03 | 0.97 | ppb |
| Silver | 109-1 | 11.75 | 11.99 | 12.14 | 11.96 | 1.67 | ppb |
| Sodium | 23-2 | 7944.64 | 7739.77 | 7790.41 | 7824.94 | 1.36 | ppb |
| Strontium | 86-1 | 2786.53 | 2837.71 | 2847.69 | 2823.98 | 1.16 | ppb |
| Strontium | 88-1 | 2886.20 | 2910.51 | 2900.00 | 2898.90 | 0.42 | ppb |
| Sulfur | 34-1 | 2268.17 | 2285.55 | 2293.77 | 2282.49 | 0.57 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 3.00 | 2.95 | 2.91 | 2.95 | 1.55 | ppb |
| Thallium | 205-1 | 2.99 | 2.97 | 2.95 | 2.97 | 0.77 | ppb |
| Tin | 118-1 | 1066.99 | 1082.92 | 1095.74 | 1081.88 | 1.33 | ppb |
| Titanium | 47-1 | 418.10 | 427.73 | 424.96 | 423.60 | 1.17 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:12:44 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.74 | 3.68 | 3.71 | 3.71 | 0.78 | ppb |
| Vanadium | 51-2 | 41.71 | 41.59 | 42.04 | 41.78 | 0.55 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 20599.13 | 20433.24 | 20654.40 | 20562.26 | 0.56 | ppb |
| Zirconium | 90-1 | 8.14 | 8.27 | 8.39 | 8.27 | 1.49 | ppb |
| Zirconium | 91-1 | 9.58 | 9.64 | 9.83 | 9.68 | 1.33 | ppb |

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On:12/30/2024 3:28:46 AM
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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL2X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:15:43 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2844.54 | 2845.02 | 2848.88 | 2846.15 | 0.08 | ppb |
| Antimony | 121-1 | 875.85 | 892.73 | 892.05 | 886.88 | 1.08 | ppb |
| Arsenic | 75-2 | 1455.52 | 1471.71 | 1466.90 | 1464.71 | 0.57 | ppb |
| Barium | 135-1 | 101.75 | 104.06 | 104.74 | 103.51 | 1.51 | ppb |
| Barium | 137-1 | 104.09 | 105.33 | 105.82 | 105.08 | 0.85 | ppb |
| Beryllium | 9-1 | 0.20 | 0.20 | 0.18 | 0.19 | 7.18 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.70 | 3.28 | 4.52 | 3.83 | 16.47 | ppb |
| Cadmium | 106-1 | 3.28 | 2.67 | 2.74 | 2.90 | 11.59 | ppb |
| Cadmium | 111-1 | 2.67 | 2.67 | 2.59 | 2.64 | 1.87 | ppb |
| Calcium | 43-1 | 4427.77 | 4621.89 | 4573.11 | 4540.92 | 2.22 | ppb |
| Calcium | 44-1 | 4337.84 | 4505.14 | 4384.79 | 4409.25 | 1.96 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 9.82 | 9.73 | 9.84 | 9.80 | 0.60 | ppb |
| Cobalt | 59-2 | 33.86 | 33.86 | 33.68 | 33.80 | 0.31 | ppb |
| Copper | 63-2 | 643.00 | 640.95 | 640.84 | 641.60 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 110 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 32638.79 | 32322.01 | 32679.25 | 32546.68 | 0.60 | ppb |
| Iron | 57-2 | 32003.85 | 31672.22 | 32320.08 | 31998.72 | 1.01 | ppb |
| Iron | 54-2 | 32490.90 | 32446.09 | 32420.13 | 32452.37 | 0.11 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL2X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:15:43 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1546.87 | 1593.21 | 1603.94 | 1581.34 | 1.92 | ppb |
| Lead | 207-1 | 1524.03 | 1548.48 | 1572.04 | 1548.18 | 1.55 | ppb |
| Lead | 208-1 | 1531.48 | 1558.03 | 1581.03 | 1556.85 | 1.59 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 871.33 | 865.82 | 866.95 | 868.03 | 0.34 | ppb |
| Manganese | 55-2 | 202.77 | 201.88 | 202.83 | 202.49 | 0.26 | ppb |
| Molybdenum | 94-1 | 18.49 | 19.56 | 19.43 | 19.16 | 3.06 | ppb |
| Molybdenum | 95-1 | 19.11 | 19.56 | 19.64 | 19.44 | 1.47 | ppb |
| Molybdenum | 96-1 | 19.22 | 20.06 | 19.85 | 19.71 | 2.22 | ppb |
| Molybdenum | 97-1 | 19.14 | 19.46 | 19.61 | 19.40 | 1.24 | ppb |
| Molybdenum | 98-1 | 19.15 | 19.74 | 19.79 | 19.56 | 1.81 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 24.21 | 23.77 | 23.88 | 23.95 | 0.97 | ppb |
| Phosphorus | 31-2 | 58.19 | 47.96 | 48.57 | 51.57 | 11.13 | ppb |
| Potassium | 39-2 | 1196.43 | 1189.35 | 1191.92 | 1192.57 | 0.30 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 1.27 | 1.58 | 1.52 | 1.46 | 11.14 | ppb |
| Selenium | 77-2 | 1.40 | 1.42 | 0.95 | 1.26 | 21.43 | ppb |
| Selenium | 78-2 | 0.78 | 0.77 | -0.43 | 0.37 | 188.31 | ppb |
| Silicon | 28-1 | 240.86 | 256.61 | 247.45 | 248.30 | 3.19 | ppb |
| Silver | 107-1 | 2.39 | 2.36 | 2.38 | 2.37 | 0.67 | ppb |
| Silver | 109-1 | 2.29 | 2.35 | 2.42 | 2.35 | 2.60 | ppb |
| Sodium | 23-2 | 1571.69 | 1580.43 | 1563.57 | 1571.90 | 0.54 | ppb |
| Strontium | 86-1 | 555.76 | 559.99 | 569.86 | 561.87 | 1.29 | ppb |
| Strontium | 88-1 | 553.08 | 569.67 | 567.77 | 563.51 | 1.61 | ppb |
| Sulfur | 34-1 | -122.63 | -2.94 | -134.24 | -86.60 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.60 | 0.59 | 0.57 | 0.59 | 2.06 | ppb |
| Thallium | 205-1 | 0.58 | 0.60 | 0.61 | 0.60 | 3.12 | ppb |
| Tin | 118-1 | 213.58 | 216.73 | 213.29 | 214.53 | 0.89 | ppb |
| Titanium | 47-1 | 81.80 | 85.31 | 83.50 | 83.54 | 2.10 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL2X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:15:43 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.75 | 0.75 | 0.77 | 0.75 | 1.74 | ppb |
| Vanadium | 51-2 | 8.40 | 8.37 | 8.48 | 8.42 | 0.66 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 4251.85 | 4269.07 | 4206.31 | 4242.41 | 0.76 | ppb |
| Zirconium | 90-1 | 1.57 | 1.66 | 1.66 | 1.63 | 3.02 | ppb |
| Zirconium | 91-1 | 1.84 | 1.95 | 1.90 | 1.89 | 3.05 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL3X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:18:53 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1161.89 | 1154.93 | 1160.45 | 1159.09 | 0.32 | ppb |
| Antimony | 121-1 | 351.49 | 356.89 | 349.96 | 352.78 | 1.03 | ppb |
| Arsenic | 75-2 | 603.50 | 607.24 | 598.41 | 603.05 | 0.74 | ppb |
| Barium | 135-1 | 41.01 | 41.82 | 41.17 | 41.33 | 1.05 | ppb |
| Barium | 137-1 | 41.78 | 42.44 | 41.81 | 42.01 | 0.89 | ppb |
| Beryllium | 9-1 | 0.06 | 0.07 | 0.06 | 0.07 | 12.76 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.74 | 1.77 | 1.35 | 1.62 | 14.46 | ppb |
| Cadmium | 106-1 | 0.64 | -0.05 | 0.20 | 0.26 | 133.10 | ppb |
| Cadmium | 111-1 | 1.03 | 1.00 | 1.01 | 1.01 | 1.50 | ppb |
| Calcium | 43-1 | 1827.99 | 1834.31 | 1918.80 | 1860.37 | 2.73 | ppb |
| Calcium | 44-1 | 1830.76 | 1855.49 | 1878.75 | 1855.00 | 1.29 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.96 | 3.99 | 3.88 | 3.95 | 1.45 | ppb |
| Cobalt | 59-2 | 13.71 | 13.66 | 13.65 | 13.68 | 0.24 | ppb |
| Copper | 63-2 | 253.04 | 255.27 | 253.13 | 253.81 | 0.50 | 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 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 13110.71 | 13153.36 | 13176.37 | 13146.81 | 0.25 | ppb |
| Iron | 57-2 | 12939.48 | 12922.73 | 12966.34 | 12942.85 | 0.17 | ppb |
| Iron | 54-2 | 13302.17 | 13261.66 | 13184.78 | 13249.53 | 0.45 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL3X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:18:53 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 630.92 | 643.25 | 667.76 | 647.31 | 2.90 | ppb |
| Lead | 207-1 | 625.73 | 645.26 | 654.71 | 641.90 | 2.30 | ppb |
| Lead | 208-1 | 625.94 | 643.40 | 657.03 | 642.12 | 2.43 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 353.82 | 355.42 | 356.96 | 355.40 | 0.44 | ppb |
| Manganese | 55-2 | 81.74 | 81.75 | 82.00 | 81.83 | 0.18 | ppb |
| Molybdenum | 94-1 | 7.56 | 7.85 | 7.77 | 7.73 | 1.96 | ppb |
| Molybdenum | 95-1 | 7.83 | 8.02 | 7.85 | 7.90 | 1.28 | ppb |
| Molybdenum | 96-1 | 7.86 | 8.00 | 8.03 | 7.96 | 1.10 | ppb |
| Molybdenum | 97-1 | 7.73 | 8.11 | 7.93 | 7.93 | 2.40 | ppb |
| Molybdenum | 98-1 | 7.82 | 8.02 | 7.88 | 7.91 | 1.28 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 9.51 | 9.78 | 9.73 | 9.68 | 1.48 | ppb |
| Phosphorus | 31-2 | 13.71 | 9.64 | 13.29 | 12.21 | 18.31 | ppb |
| Potassium | 39-2 | 479.41 | 482.32 | 480.23 | 480.65 | 0.31 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 0.76 | 0.54 | 0.39 | 0.57 | 32.83 | ppb |
| Selenium | 77-2 | 0.32 | 1.12 | 0.48 | 0.64 | 66.52 | ppb |
| Selenium | 78-2 | -0.94 | -1.15 | 0.30 | -0.60 | | ppb |
| Silicon | 28-1 | 98.29 | 102.57 | 106.19 | 102.35 | 3.87 | ppb |
| Silver | 107-1 | 0.93 | 0.98 | 0.94 | 0.95 | 2.74 | ppb |
| Silver | 109-1 | 0.92 | 0.97 | 0.95 | 0.95 | 2.31 | ppb |
| Sodium | 23-2 | 603.38 | 608.86 | 607.64 | 606.63 | 0.47 | ppb |
| Strontium | 86-1 | 228.35 | 228.27 | 230.94 | 229.19 | 0.66 | ppb |
| Strontium | 88-1 | 228.04 | 229.37 | 230.87 | 229.43 | 0.62 | ppb |
| Sulfur | 34-1 | -504.24 | -455.75 | -427.52 | -462.50 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.23 | 0.24 | 0.24 | 0.24 | 3.33 | ppb |
| Thallium | 205-1 | 0.24 | 0.23 | 0.24 | 0.24 | 2.06 | ppb |
| Tin | 118-1 | 82.55 | 83.57 | 82.87 | 83.00 | 0.63 | ppb |
| Titanium | 47-1 | 33.60 | 34.11 | 34.03 | 33.91 | 0.80 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL3X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:18:53 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.31 | 0.31 | 0.31 | 0.31 | 0.51 | ppb |
| Vanadium | 51-2 | 3.37 | 3.46 | 3.39 | 3.41 | 1.31 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 1713.02 | 1706.40 | 1713.69 | 1711.04 | 0.24 | ppb |
| Zirconium | 90-1 | 0.64 | 0.66 | 0.66 | 0.65 | 2.18 | ppb |
| Zirconium | 91-1 | 0.71 | 0.78 | 0.79 | 0.76 | 6.06 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:22:02 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 15029.93 | 14907.42 | 15089.75 | 15009.03 | 0.62 | ppb |
| Antimony | 121-1 | 1917.61 | 1902.33 | 1880.29 | 1900.07 | 0.99 | ppb |
| Arsenic | 75-2 | 5098.84 | 5065.23 | 5116.95 | 5093.67 | 0.52 | ppb |
| Barium | 135-1 | 393.88 | 393.03 | 393.55 | 393.49 | 0.11 | ppb |
| Barium | 137-1 | 412.16 | 409.78 | 411.75 | 411.23 | 0.31 | ppb |
| Beryllium | 9-1 | 0.96 | 1.01 | 0.90 | 0.95 | 6.06 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 8.00 | 9.35 | 9.63 | 9.00 | 9.68 | ppb |
| Cadmium | 106-1 | 9.26 | 9.06 | 8.07 | 8.80 | 7.22 | ppb |
| Cadmium | 111-1 | 4.26 | 4.19 | 4.06 | 4.17 | 2.46 | ppb |
| Calcium | 43-1 | 32673.67 | 33215.57 | 32951.81 | 32947.01 | 0.82 | ppb |
| Calcium | 44-1 | 32165.45 | 32219.45 | 32036.94 | 32140.61 | 0.29 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 25.88 | 25.65 | 25.90 | 25.81 | 0.54 | ppb |
| Cobalt | 59-2 | 474.95 | 480.14 | 479.54 | 478.21 | 0.59 | ppb |
| Copper | 63-2 | 2151.07 | 2109.20 | 2144.85 | 2135.04 | 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 | | | | 109 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 132 | | % |
| Indium | 115-2 | | | | 126 | | % |
| Iron | 56-2 | 154999.98 | 155075.43 | 154242.27 | 154772.56 | 0.30 | ppb |
| Iron | 57-2 | 153284.13 | 152145.42 | 152190.05 | 152539.87 | 0.42 | ppb |
| Iron | 54-2 | 155741.12 | 154869.28 | 154549.84 | 155053.41 | 0.40 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:22:02 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3019.76 | 3014.07 | 3077.16 | 3037.00 | 1.15 | ppb |
| Lead | 207-1 | 2955.39 | 2985.07 | 3032.08 | 2990.85 | 1.29 | ppb |
| Lead | 208-1 | 2983.77 | 2995.66 | 3036.20 | 3005.21 | 0.91 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 4816.67 | 4825.38 | 4759.65 | 4800.56 | 0.74 | ppb |
| Manganese | 55-2 | 1000.40 | 1017.30 | 998.05 | 1005.25 | 1.04 | ppb |
| Molybdenum | 94-1 | 58.65 | 59.07 | 59.43 | 59.05 | 0.66 | ppb |
| Molybdenum | 95-1 | 47.48 | 47.71 | 47.92 | 47.70 | 0.47 | ppb |
| Molybdenum | 96-1 | 49.85 | 49.74 | 50.79 | 50.13 | 1.15 | ppb |
| Molybdenum | 97-1 | 48.39 | 48.74 | 48.61 | 48.58 | 0.36 | ppb |
| Molybdenum | 98-1 | 48.05 | 48.14 | 48.81 | 48.33 | 0.86 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 48.91 | 48.63 | 48.35 | 48.63 | 0.57 | ppb |
| Phosphorus | 31-2 | 344.88 | 330.95 | 317.85 | 331.23 | 4.08 | ppb |
| Potassium | 39-2 | 6669.38 | 6542.61 | 6461.08 | 6557.69 | 1.60 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 3.40 | 3.74 | 3.13 | 3.42 | 8.86 | ppb |
| Selenium | 77-2 | 4.02 | 6.18 | 5.49 | 5.23 | 21.09 | ppb |
| Selenium | 78-2 | 1.66 | 3.24 | 1.97 | 2.29 | 36.71 | ppb |
| Silicon | 28-1 | 2130.02 | 2171.72 | 2136.25 | 2145.99 | 1.05 | ppb |
| Silver | 107-1 | 5.68 | 5.75 | 5.76 | 5.73 | 0.82 | ppb |
| Silver | 109-1 | 5.65 | 5.75 | 5.64 | 5.68 | 1.06 | ppb |
| Sodium | 23-2 | 8376.17 | 8291.93 | 8343.41 | 8337.17 | 0.51 | ppb |
| Strontium | 86-1 | 3390.43 | 3410.97 | 3437.27 | 3412.89 | 0.69 | ppb |
| Strontium | 88-1 | 3512.94 | 3515.58 | 3533.50 | 3520.67 | 0.32 | ppb |
| Sulfur | 34-1 | 2382.10 | 2416.74 | 2367.77 | 2388.87 | 1.05 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 1.34 | 1.33 | 1.37 | 1.34 | 1.46 | ppb |
| Thallium | 205-1 | 1.34 | 1.35 | 1.37 | 1.35 | 1.31 | ppb |
| Tin | 118-1 | 525.74 | 533.07 | 527.89 | 528.90 | 0.71 | ppb |
| Titanium | 47-1 | 492.39 | 499.12 | 492.34 | 494.62 | 0.79 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:22:02 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.39 | 2.45 | 2.45 | 2.43 | 1.37 | ppb |
| Vanadium | 51-2 | 39.48 | 39.22 | 39.59 | 39.43 | 0.48 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 11743.86 | 11601.89 | 11609.51 | 11651.75 | 0.69 | ppb |
| Zirconium | 90-1 | 10.73 | 10.84 | 10.92 | 10.83 | 0.89 | ppb |
| Zirconium | 91-1 | 11.70 | 11.72 | 11.94 | 11.79 | 1.12 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:25:02 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6165.53 | 6257.33 | 6271.15 | 6231.34 | 0.92 | ppb |
| Antimony | 121-1 | 782.79 | 792.74 | 798.29 | 791.27 | 0.99 | ppb |
| Arsenic | 75-2 | 2049.30 | 2067.86 | 2043.95 | 2053.70 | 0.61 | ppb |
| Barium | 135-1 | 157.63 | 161.90 | 163.05 | 160.86 | 1.78 | ppb |
| Barium | 137-1 | 160.66 | 162.39 | 164.28 | 162.44 | 1.11 | ppb |
| Beryllium | 9-1 | 0.36 | 0.41 | 0.33 | 0.37 | 11.80 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.22 | 3.67 | 3.98 | 3.62 | 10.53 | ppb |
| Cadmium | 106-1 | 2.46 | 3.34 | 2.60 | 2.80 | 16.87 | ppb |
| Cadmium | 111-1 | 1.68 | 1.68 | 1.71 | 1.69 | 1.17 | ppb |
| Calcium | 43-1 | 13611.34 | 13689.19 | 13890.20 | 13730.24 | 1.05 | ppb |
| Calcium | 44-1 | 13395.20 | 13411.74 | 13551.45 | 13452.79 | 0.64 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 10.66 | 10.69 | 10.65 | 10.67 | 0.23 | ppb |
| Cobalt | 59-2 | 198.73 | 201.23 | 198.10 | 199.35 | 0.83 | ppb |
| Copper | 63-2 | 890.24 | 900.39 | 899.52 | 896.72 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 115 | | % |
| Indium | 115-2 | | | | 110 | | % |
| Iron | 56-2 | 64281.73 | 65212.31 | 64471.52 | 64655.19 | 0.76 | ppb |
| Iron | 57-2 | 62923.49 | 63402.48 | 63299.02 | 63208.33 | 0.40 | ppb |
| Iron | 54-2 | 64304.32 | 64588.15 | 64204.06 | 64365.51 | 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 : | P5363-09DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:25:02 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1238.82 | 1297.75 | 1262.46 | 1266.34 | 2.34 | ppb |
| Lead | 207-1 | 1260.94 | 1267.50 | 1240.00 | 1256.15 | 1.14 | ppb |
| Lead | 208-1 | 1247.27 | 1263.07 | 1244.76 | 1251.70 | 0.79 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 1835.24 | 1848.16 | 1847.67 | 1843.69 | 0.40 | ppb |
| Manganese | 55-2 | 412.22 | 420.70 | 421.20 | 418.04 | 1.21 | ppb |
| Molybdenum | 94-1 | 24.45 | 24.56 | 24.85 | 24.62 | 0.84 | ppb |
| Molybdenum | 95-1 | 19.84 | 19.90 | 20.17 | 19.97 | 0.86 | ppb |
| Molybdenum | 96-1 | 20.73 | 20.87 | 21.21 | 20.94 | 1.17 | ppb |
| Molybdenum | 97-1 | 20.13 | 19.85 | 20.24 | 20.07 | 1.01 | ppb |
| Molybdenum | 98-1 | 19.90 | 19.97 | 20.32 | 20.06 | 1.12 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 20.18 | 20.14 | 20.30 | 20.21 | 0.41 | ppb |
| Phosphorus | 31-2 | 125.17 | 134.41 | 127.33 | 128.97 | 3.75 | ppb |
| Potassium | 39-2 | 2695.08 | 2724.52 | 2673.84 | 2697.81 | 0.94 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 1.41 | 1.42 | 1.73 | 1.52 | 12.12 | ppb |
| Selenium | 77-2 | 3.00 | 2.55 | 1.58 | 2.38 | 30.64 | ppb |
| Selenium | 78-2 | 0.30 | 0.61 | 1.01 | 0.64 | 55.10 | ppb |
| Silicon | 28-1 | 854.89 | 862.42 | 893.81 | 870.37 | 2.37 | ppb |
| Silver | 107-1 | 2.29 | 2.34 | 2.43 | 2.35 | 3.09 | ppb |
| Silver | 109-1 | 2.28 | 2.33 | 2.36 | 2.32 | 1.56 | ppb |
| Sodium | 23-2 | 3397.83 | 3461.00 | 3431.30 | 3430.04 | 0.92 | ppb |
| Strontium | 86-1 | 1413.47 | 1421.68 | 1450.81 | 1428.65 | 1.37 | ppb |
| Strontium | 88-1 | 1469.20 | 1469.54 | 1483.42 | 1474.05 | 0.55 | ppb |
| Sulfur | 34-1 | 391.94 | 408.69 | 472.73 | 424.45 | 10.05 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.54 | 0.56 | 0.54 | 0.55 | 1.99 | ppb |
| Thallium | 205-1 | 0.55 | 0.58 | 0.55 | 0.56 | 2.47 | ppb |
| Tin | 118-1 | 217.99 | 217.44 | 221.46 | 218.96 | 1.00 | ppb |
| Titanium | 47-1 | 204.45 | 209.34 | 207.31 | 207.03 | 1.19 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:25:02 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.98 | 1.04 | 1.02 | 1.01 | 3.31 | ppb |
| Vanadium | 51-2 | 16.08 | 16.38 | 16.21 | 16.22 | 0.91 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 4816.51 | 4910.92 | 4799.81 | 4842.41 | 1.24 | ppb |
| Zirconium | 90-1 | 4.36 | 4.45 | 4.55 | 4.45 | 2.16 | ppb |
| Zirconium | 91-1 | 4.87 | 4.85 | 4.88 | 4.87 | 0.28 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:28:06 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2972.98 | 2962.65 | 3015.54 | 2983.72 | 0.94 | ppb |
| Antimony | 121-1 | 389.33 | 397.01 | 450.44 | 412.26 | 8.07 | ppb |
| Arsenic | 75-2 | 1007.30 | 1037.96 | 1042.23 | 1029.16 | 1.85 | ppb |
| Barium | 135-1 | 79.24 | 80.87 | 91.52 | 83.88 | 7.95 | ppb |
| Barium | 137-1 | 80.42 | 81.80 | 93.40 | 85.21 | 8.37 | ppb |
| Beryllium | 9-1 | 0.15 | 0.14 | 0.20 | 0.17 | 18.36 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.75 | 1.81 | 2.39 | 1.98 | 17.80 | ppb |
| Cadmium | 106-1 | 0.62 | 1.55 | 0.72 | 0.96 | 53.24 | ppb |
| Cadmium | 111-1 | 0.78 | 0.85 | 0.96 | 0.86 | 10.15 | ppb |
| Calcium | 43-1 | 6751.01 | 6890.15 | 7804.04 | 7148.40 | 8.00 | ppb |
| Calcium | 44-1 | 6612.74 | 6757.64 | 7578.97 | 6983.12 | 7.46 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5.27 | 5.27 | 5.32 | 5.29 | 0.51 | ppb |
| Cobalt | 59-2 | 95.95 | 96.77 | 97.65 | 96.79 | 0.88 | ppb |
| Copper | 63-2 | 442.03 | 447.10 | 448.54 | 445.89 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 31846.72 | 32166.21 | 32441.15 | 32151.36 | 0.93 | ppb |
| Iron | 57-2 | 31650.22 | 31683.07 | 32144.50 | 31825.93 | 0.87 | ppb |
| Iron | 54-2 | 31751.84 | 32044.81 | 32581.58 | 32126.08 | 1.31 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:28:06 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 634.95 | 629.09 | 713.06 | 659.03 | 7.11 | ppb |
| Lead | 207-1 | 629.06 | 629.72 | 722.89 | 660.56 | 8.17 | ppb |
| Lead | 208-1 | 629.42 | 624.25 | 719.68 | 657.78 | 8.16 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 923.02 | 929.04 | 938.91 | 930.32 | 0.86 | ppb |
| Manganese | 55-2 | 201.33 | 201.08 | 203.94 | 202.12 | 0.78 | ppb |
| Molybdenum | 94-1 | 12.08 | 12.27 | 14.16 | 12.84 | 8.94 | ppb |
| Molybdenum | 95-1 | 9.94 | 9.88 | 11.48 | 10.43 | 8.69 | ppb |
| Molybdenum | 96-1 | 10.32 | 10.53 | 12.00 | 10.95 | 8.35 | ppb |
| Molybdenum | 97-1 | 10.13 | 10.16 | 11.45 | 10.58 | 7.14 | ppb |
| Molybdenum | 98-1 | 9.93 | 10.12 | 11.51 | 10.52 | 8.19 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 10.23 | 10.03 | 10.19 | 10.15 | 1.08 | ppb |
| Phosphorus | 31-2 | 59.02 | 59.73 | 46.83 | 55.19 | 13.14 | ppb |
| Potassium | 39-2 | 1354.20 | 1367.50 | 1383.13 | 1368.28 | 1.06 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.95 | 0.85 | 0.74 | 0.85 | 11.93 | ppb |
| Selenium | 77-2 | 0.78 | 0.97 | 1.30 | 1.02 | 25.68 | ppb |
| Selenium | 78-2 | 1.30 | 0.76 | -0.13 | 0.65 | 112.11 | ppb |
| Silicon | 28-1 | 429.76 | 443.24 | 507.20 | 460.07 | 8.99 | ppb |
| Silver | 107-1 | 1.15 | 1.16 | 1.34 | 1.22 | 8.59 | ppb |
| Silver | 109-1 | 1.12 | 1.15 | 1.32 | 1.20 | 9.05 | ppb |
| Sodium | 23-2 | 1693.19 | 1703.58 | 1719.69 | 1705.49 | 0.78 | ppb |
| Strontium | 86-1 | 707.02 | 704.57 | 816.95 | 742.84 | 8.64 | ppb |
| Strontium | 88-1 | 703.95 | 710.28 | 816.30 | 743.51 | 8.49 | ppb |
| Sulfur | 34-1 | -463.59 | -326.88 | 238.69 | -183.92 | | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.28 | 0.27 | 0.30 | 0.28 | 6.49 | ppb |
| Thallium | 205-1 | 0.27 | 0.26 | 0.31 | 0.28 | 8.74 | ppb |
| Tin | 118-1 | 103.59 | 106.58 | 120.73 | 110.30 | 8.30 | ppb |
| Titanium | 47-1 | 100.69 | 104.19 | 117.31 | 107.40 | 8.15 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:28:06 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.50 | 0.51 | 0.58 | 0.53 | 7.81 | ppb |
| Vanadium | 51-2 | 8.13 | 8.26 | 8.16 | 8.18 | 0.82 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 2435.54 | 2426.23 | 2471.79 | 2444.52 | 0.98 | ppb |
| Zirconium | 90-1 | 2.14 | 2.15 | 2.56 | 2.28 | 10.52 | ppb |
| Zirconium | 91-1 | 2.35 | 2.43 | 2.79 | 2.52 | 9.21 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL4X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:31:18 | DataFile Name : | 177SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1227.86 | 1232.73 | 1236.07 | 1232.22 | 0.33 | ppb |
| Antimony | 121-1 | 158.52 | 162.06 | 163.21 | 161.26 | 1.52 | ppb |
| Arsenic | 75-2 | 432.01 | 434.70 | 423.89 | 430.20 | 1.31 | ppb |
| Barium | 135-1 | 32.30 | 32.83 | 32.38 | 32.50 | 0.89 | ppb |
| Barium | 137-1 | 33.26 | 33.62 | 33.55 | 33.47 | 0.57 | ppb |
| Beryllium | 9-1 | 0.06 | 0.09 | 0.07 | 0.07 | 15.45 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.64 | 0.95 | 0.69 | 0.76 | 21.86 | ppb |
| Cadmium | 106-1 | -0.37 | -0.37 | -0.59 | -0.44 | | ppb |
| Cadmium | 111-1 | 0.33 | 0.35 | 0.35 | 0.34 | 3.65 | ppb |
| Calcium | 43-1 | 2797.21 | 2764.26 | 2844.97 | 2802.15 | 1.45 | ppb |
| Calcium | 44-1 | 2702.24 | 2691.25 | 2765.54 | 2719.68 | 1.47 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.20 | 2.17 | 2.14 | 2.17 | 1.24 | ppb |
| Cobalt | 59-2 | 39.98 | 39.70 | 40.14 | 39.94 | 0.56 | ppb |
| Copper | 63-2 | 179.64 | 180.01 | 180.16 | 179.94 | 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 | | | | 106 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 13162.06 | 13132.67 | 13063.65 | 13119.46 | 0.39 | ppb |
| Iron | 57-2 | 13053.65 | 12924.88 | 12768.96 | 12915.83 | 1.10 | ppb |
| Iron | 54-2 | 13236.19 | 13060.57 | 13209.69 | 13168.81 | 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 : | P5363-09DL4X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:31:18 | DataFile Name : | 177SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 262.63 | 264.04 | 263.68 | 263.45 | 0.28 | ppb |
| Lead | 207-1 | 256.79 | 260.00 | 263.55 | 260.11 | 1.30 | ppb |
| Lead | 208-1 | 258.81 | 260.49 | 260.62 | 259.97 | 0.39 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 385.86 | 382.47 | 384.52 | 384.28 | 0.44 | ppb |
| Manganese | 55-2 | 83.69 | 83.03 | 83.95 | 83.56 | 0.57 | ppb |
| Molybdenum | 94-1 | 5.10 | 5.07 | 5.00 | 5.05 | 1.06 | ppb |
| Molybdenum | 95-1 | 3.98 | 4.08 | 4.09 | 4.05 | 1.49 | ppb |
| Molybdenum | 96-1 | 4.20 | 4.24 | 4.40 | 4.28 | 2.56 | ppb |
| Molybdenum | 97-1 | 3.93 | 4.16 | 4.19 | 4.09 | 3.43 | ppb |
| Molybdenum | 98-1 | 4.09 | 4.09 | 4.06 | 4.08 | 0.42 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 4.11 | 4.02 | 4.08 | 4.07 | 1.10 | ppb |
| Phosphorus | 31-2 | 11.10 | 16.35 | 14.69 | 14.05 | 19.09 | ppb |
| Potassium | 39-2 | 557.96 | 562.28 | 555.93 | 558.72 | 0.58 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.69 | 0.40 | 0.60 | 0.56 | 26.72 | ppb |
| Selenium | 77-2 | 0.16 | 0.33 | 0.32 | 0.27 | 34.55 | ppb |
| Selenium | 78-2 | 0.55 | 0.33 | 1.08 | 0.65 | 59.10 | ppb |
| Silicon | 28-1 | 176.05 | 182.31 | 180.70 | 179.69 | 1.81 | ppb |
| Silver | 107-1 | 0.46 | 0.49 | 0.47 | 0.47 | 4.03 | ppb |
| Silver | 109-1 | 0.47 | 0.47 | 0.48 | 0.47 | 1.38 | ppb |
| Sodium | 23-2 | 662.94 | 663.11 | 666.57 | 664.20 | 0.31 | ppb |
| Strontium | 86-1 | 290.80 | 291.47 | 292.31 | 291.53 | 0.26 | ppb |
| Strontium | 88-1 | 285.13 | 292.22 | 293.31 | 290.22 | 1.53 | ppb |
| Sulfur | 34-1 | -871.35 | -795.44 | -750.78 | -805.86 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.10 | 0.10 | 0.10 | 0.10 | 2.65 | ppb |
| Thallium | 205-1 | 0.11 | 0.10 | 0.10 | 0.11 | 2.99 | ppb |
| Tin | 118-1 | 42.52 | 43.27 | 43.18 | 42.99 | 0.96 | ppb |
| Titanium | 47-1 | 41.60 | 42.05 | 42.12 | 41.92 | 0.67 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL4X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:31:18 | DataFile Name : | 177SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.21 | 0.20 | 0.21 | 0.21 | 1.85 | ppb |
| Vanadium | 51-2 | 3.31 | 3.32 | 3.32 | 3.32 | 0.20 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 985.99 | 991.08 | 985.73 | 987.60 | 0.31 | ppb |
| Zirconium | 90-1 | 0.89 | 0.91 | 0.94 | 0.92 | 2.74 | ppb |
| Zirconium | 91-1 | 0.97 | 0.93 | 0.96 | 0.95 | 2.29 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:34:29 | DataFile Name : | 178SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14044.61 | 14180.12 | 14234.49 | 14153.07 | 0.69 | ppb |
| Antimony | 121-1 | 2118.78 | 2156.08 | 2136.13 | 2137.00 | 0.87 | ppb |
| Arsenic | 75-2 | 5856.20 | 5911.13 | 5901.25 | 5889.53 | 0.50 | ppb |
| Barium | 135-1 | 206.39 | 213.16 | 208.82 | 209.46 | 1.64 | ppb |
| Barium | 137-1 | 209.99 | 214.21 | 210.61 | 211.60 | 1.08 | ppb |
| Beryllium | 9-1 | 1.39 | 1.30 | 1.37 | 1.35 | 3.28 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 110 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 32.85 | 34.57 | 32.64 | 33.35 | 3.16 | ppb |
| Cadmium | 106-1 | 31.51 | 32.90 | 33.55 | 32.65 | 3.19 | ppb |
| Cadmium | 111-1 | 26.89 | 27.58 | 27.08 | 27.18 | 1.32 | ppb |
| Calcium | 43-1 | 46095.20 | 47154.22 | 46757.84 | 46669.09 | 1.15 | ppb |
| Calcium | 44-1 | 45492.22 | 47306.68 | 46763.00 | 46520.63 | 2.00 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 353.16 | 347.20 | 347.46 | 349.27 | 0.96 | ppb |
| Cobalt | 59-2 | 597.09 | 602.86 | 605.26 | 601.74 | 0.70 | ppb |
| Copper | 63-2 | 2195.02 | 2223.81 | 2205.04 | 2207.96 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 122 | | % |
| Indium | 115-2 | | | | 118 | | % |
| Iron | 56-2 | 175402.83 | 176827.34 | 174849.96 | 175693.38 | 0.58 | ppb |
| Iron | 57-2 | 173044.72 | 173995.08 | 173595.61 | 173545.14 | 0.27 | ppb |
| Iron | 54-2 | 174879.67 | 177094.52 | 174991.60 | 175655.26 | 0.71 | 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 : | P5364-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:34:29 | DataFile Name : | 178SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3245.04 | 3421.46 | 3364.21 | 3343.57 | 2.69 | ppb |
| Lead | 207-1 | 3228.85 | 3351.36 | 3319.03 | 3299.75 | 1.92 | ppb |
| Lead | 208-1 | 3242.68 | 3357.79 | 3321.91 | 3307.46 | 1.78 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 6492.56 | 6707.61 | 6501.99 | 6567.39 | 1.85 | ppb |
| Manganese | 55-2 | 687.49 | 686.64 | 695.36 | 689.83 | 0.70 | ppb |
| Molybdenum | 94-1 | 359.51 | 373.04 | 374.50 | 369.02 | 2.24 | ppb |
| Molybdenum | 95-1 | 405.82 | 411.30 | 416.72 | 411.28 | 1.33 | ppb |
| Molybdenum | 96-1 | 407.01 | 415.09 | 418.38 | 413.50 | 1.42 | ppb |
| Molybdenum | 97-1 | 408.98 | 426.46 | 416.37 | 417.27 | 2.10 | ppb |
| Molybdenum | 98-1 | 412.09 | 420.29 | 417.53 | 416.64 | 1.00 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 76.56 | 77.01 | 76.68 | 76.75 | 0.30 | ppb |
| Phosphorus | 31-2 | 1004.16 | 1017.08 | 1006.93 | 1009.39 | 0.67 | ppb |
| Potassium | 39-2 | 3535.72 | 3471.81 | 3431.15 | 3479.56 | 1.52 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 13.78 | 14.23 | 14.21 | 14.07 | 1.81 | ppb |
| Selenium | 77-2 | 18.75 | 15.14 | 15.27 | 16.38 | 12.51 | ppb |
| Selenium | 78-2 | 14.01 | 13.45 | 13.33 | 13.60 | 2.68 | ppb |
| Silicon | 28-1 | 1772.11 | 1805.35 | 1810.85 | 1796.11 | 1.17 | ppb |
| Silver | 107-1 | 5.19 | 5.20 | 5.15 | 5.18 | 0.51 | ppb |
| Silver | 109-1 | 5.04 | 5.16 | 5.10 | 5.10 | 1.13 | ppb |
| Sodium | 23-2 | 11300.19 | 11452.10 | 11401.14 | 11384.48 | 0.68 | ppb |
| Strontium | 86-1 | 5456.42 | 5645.23 | 5604.07 | 5568.58 | 1.78 | ppb |
| Strontium | 88-1 | 5674.19 | 5804.30 | 5711.76 | 5730.08 | 1.17 | ppb |
| Sulfur | 34-1 | 3390.55 | 3680.93 | 3711.56 | 3594.35 | 4.93 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 9.63 | 10.18 | 10.08 | 9.96 | 2.95 | ppb |
| Thallium | 205-1 | 9.68 | 10.18 | 10.05 | 9.97 | 2.57 | ppb |
| Tin | 118-1 | 478.37 | 491.66 | 483.89 | 484.64 | 1.38 | ppb |
| Titanium | 47-1 | 701.21 | 729.33 | 728.01 | 719.52 | 2.21 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:34:29 | DataFile Name : | 178SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4.45 | 4.67 | 4.59 | 4.57 | 2.41 | ppb |
| Vanadium | 51-2 | 44.42 | 44.93 | 45.01 | 44.79 | 0.72 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 11861.22 | 11721.08 | 11693.22 | 11758.51 | 0.77 | ppb |
| Zirconium | 90-1 | 16.76 | 17.36 | 17.39 | 17.17 | 2.09 | ppb |
| Zirconium | 91-1 | 18.19 | 18.37 | 18.44 | 18.33 | 0.71 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:37:25 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11228.35 | 11504.97 | 11358.94 | 11364.08 | 1.22 | ppb |
| Antimony | 121-1 | 5.57 | 5.40 | 5.48 | 5.48 | 1.56 | ppb |
| Arsenic | 75-2 | 49.11 | 49.50 | 49.92 | 49.51 | 0.83 | ppb |
| Barium | 135-1 | 178.01 | 176.80 | 177.18 | 177.33 | 0.35 | ppb |
| Barium | 137-1 | 181.28 | 179.03 | 179.68 | 180.00 | 0.65 | ppb |
| Beryllium | 9-1 | 0.87 | 0.83 | 0.87 | 0.86 | 3.16 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.51 | 5.07 | 4.62 | 4.73 | 6.22 | ppb |
| Cadmium | 106-1 | 5.71 | 5.42 | 5.00 | 5.38 | 6.63 | ppb |
| Cadmium | 111-1 | 4.60 | 4.48 | 4.57 | 4.55 | 1.44 | ppb |
| Calcium | 43-1 | 71450.05 | 74068.08 | 72317.81 | 72611.98 | 1.84 | ppb |
| Calcium | 44-1 | 71829.44 | 73008.62 | 72690.10 | 72509.38 | 0.84 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 44.95 | 45.67 | 44.94 | 45.19 | 0.92 | ppb |
| Cobalt | 59-2 | 18.63 | 18.76 | 18.60 | 18.66 | 0.46 | ppb |
| Copper | 63-2 | 44.72 | 45.10 | 44.74 | 44.85 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 43681.59 | 43966.58 | 43759.95 | 43802.70 | 0.34 | ppb |
| Iron | 57-2 | 43626.34 | 43566.04 | 43408.45 | 43533.61 | 0.26 | ppb |
| Iron | 54-2 | 43550.59 | 43762.72 | 43775.63 | 43696.32 | 0.29 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:37:25 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 81.48 | 81.74 | 82.10 | 81.77 | 0.38 | ppb |
| Lead | 207-1 | 74.81 | 75.09 | 75.11 | 75.00 | 0.22 | ppb |
| Lead | 208-1 | 77.36 | 77.47 | 77.54 | 77.46 | 0.12 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 33294.20 | 33263.75 | 32973.38 | 33177.11 | 0.53 | ppb |
| Manganese | 55-2 | 1601.04 | 1605.51 | 1625.64 | 1610.73 | 0.81 | ppb |
| Molybdenum | 94-1 | 9.10 | 9.23 | 9.26 | 9.20 | 0.91 | ppb |
| Molybdenum | 95-1 | 3.47 | 3.52 | 3.50 | 3.50 | 0.68 | ppb |
| Molybdenum | 96-1 | 4.39 | 4.57 | 4.31 | 4.42 | 3.02 | ppb |
| Molybdenum | 97-1 | 3.49 | 3.49 | 3.55 | 3.51 | 0.96 | ppb |
| Molybdenum | 98-1 | 3.49 | 3.64 | 3.48 | 3.54 | 2.62 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 56.28 | 56.25 | 56.39 | 56.31 | 0.13 | ppb |
| Phosphorus | 31-2 | 969.73 | 963.70 | 926.33 | 953.25 | 2.47 | ppb |
| Potassium | 39-2 | 2000.67 | 2007.44 | 2000.94 | 2003.02 | 0.19 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 12.33 | 12.19 | 11.92 | 12.15 | 1.70 | ppb |
| Selenium | 77-2 | 19.00 | 16.50 | 21.17 | 18.89 | 12.36 | ppb |
| Selenium | 78-2 | 11.75 | 12.93 | 10.51 | 11.73 | 10.30 | ppb |
| Silicon | 28-1 | 948.74 | 963.06 | 949.61 | 953.80 | 0.84 | ppb |
| Silver | 107-1 | 0.33 | 0.30 | 0.31 | 0.31 | 5.34 | ppb |
| Silver | 109-1 | 0.33 | 0.30 | 0.30 | 0.31 | 5.62 | ppb |
| Sodium | 23-2 | 191.55 | 195.20 | 192.22 | 192.99 | 1.01 | ppb |
| Strontium | 86-1 | 1784.00 | 1850.79 | 1813.45 | 1816.08 | 1.84 | ppb |
| Strontium | 88-1 | 1821.51 | 1864.82 | 1864.58 | 1850.30 | 1.35 | ppb |
| Sulfur | 34-1 | 949.67 | 997.79 | 973.19 | 973.55 | 2.47 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 2.54 | 2.49 | 2.51 | 2.51 | 0.91 | ppb |
| Thallium | 205-1 | 2.53 | 2.50 | 2.50 | 2.51 | 0.83 | ppb |
| Tin | 118-1 | 1.62 | 1.62 | 1.64 | 1.63 | 0.93 | ppb |
| Titanium | 47-1 | 208.77 | 213.00 | 208.69 | 210.15 | 1.17 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:37:25 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.09 | 1.11 | 1.11 | 1.10 | 1.09 | ppb |
| Vanadium | 51-2 | 38.27 | 38.66 | 38.63 | 38.52 | 0.57 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 642.98 | 644.84 | 638.47 | 642.10 | 0.51 | ppb |
| Zirconium | 90-1 | 3.40 | 3.48 | 3.44 | 3.44 | 1.15 | ppb |
| Zirconium | 91-1 | 3.48 | 3.54 | 3.51 | 3.51 | 0.96 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:40:37 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21454.70 | 21632.92 | 21323.31 | 21470.31 | 0.72 | ppb |
| Antimony | 121-1 | 3.66 | 3.74 | 3.72 | 3.71 | 1.00 | ppb |
| Arsenic | 75-2 | 55.49 | 54.60 | 56.22 | 55.44 | 1.46 | ppb |
| Barium | 135-1 | 243.82 | 248.10 | 243.32 | 245.08 | 1.07 | ppb |
| Barium | 137-1 | 245.75 | 251.25 | 246.83 | 247.94 | 1.17 | ppb |
| Beryllium | 9-1 | 1.29 | 1.27 | 1.22 | 1.26 | 2.72 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.13 | 1.06 | 0.84 | 1.01 | 15.06 | ppb |
| Cadmium | 106-1 | 1.29 | 1.03 | 1.30 | 1.21 | 12.73 | ppb |
| Cadmium | 111-1 | 0.48 | 0.50 | 0.48 | 0.49 | 2.19 | ppb |
| Calcium | 43-1 | 88922.16 | 91681.97 | 90634.60 | 90412.91 | 1.54 | ppb |
| Calcium | 44-1 | 89501.55 | 91295.48 | 90531.66 | 90442.90 | 1.00 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 44.31 | 44.89 | 44.88 | 44.69 | 0.75 | ppb |
| Cobalt | 59-2 | 28.85 | 28.48 | 28.75 | 28.69 | 0.67 | ppb |
| Copper | 63-2 | 50.98 | 50.71 | 50.82 | 50.83 | 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 | | | | 101 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 55098.46 | 54725.63 | 55157.99 | 54994.03 | 0.43 | ppb |
| Iron | 57-2 | 56337.31 | 54580.79 | 54892.40 | 55270.17 | 1.70 | ppb |
| Iron | 54-2 | 55326.49 | 55221.81 | 55008.56 | 55185.62 | 0.29 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:40:37 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35.69 | 35.90 | 36.41 | 36.00 | 1.03 | ppb |
| Lead | 207-1 | 32.78 | 32.54 | 33.07 | 32.80 | 0.82 | ppb |
| Lead | 208-1 | 33.76 | 33.80 | 34.37 | 33.98 | 0.99 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 35485.90 | 35552.28 | 35487.62 | 35508.60 | 0.11 | ppb |
| Manganese | 55-2 | 982.92 | 969.16 | 967.29 | 973.12 | 0.88 | ppb |
| Molybdenum | 94-1 | 13.70 | 14.21 | 14.20 | 14.04 | 2.10 | ppb |
| Molybdenum | 95-1 | 2.68 | 2.62 | 2.69 | 2.67 | 1.45 | ppb |
| Molybdenum | 96-1 | 4.17 | 4.22 | 4.40 | 4.26 | 2.80 | ppb |
| Molybdenum | 97-1 | 2.68 | 2.62 | 2.67 | 2.66 | 1.16 | ppb |
| Molybdenum | 98-1 | 2.69 | 2.67 | 2.68 | 2.68 | 0.39 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 74.75 | 73.95 | 74.49 | 74.40 | 0.55 | ppb |
| Phosphorus | 31-2 | 1041.69 | 1023.44 | 1071.98 | 1045.70 | 2.34 | ppb |
| Potassium | 39-2 | 3716.23 | 3490.85 | 3460.18 | 3555.75 | 3.93 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 11.77 | 11.70 | 11.57 | 11.68 | 0.88 | ppb |
| Selenium | 77-2 | 19.20 | 19.21 | 20.73 | 19.71 | 4.47 | ppb |
| Selenium | 78-2 | 9.81 | 12.15 | 11.77 | 11.24 | 11.17 | ppb |
| Silicon | 28-1 | 343.62 | 393.07 | 310.56 | 349.08 | 11.90 | ppb |
| Silver | 107-1 | 0.13 | 0.13 | 0.14 | 0.14 | 2.58 | ppb |
| Silver | 109-1 | 0.13 | 0.13 | 0.13 | 0.13 | 2.41 | ppb |
| Sodium | 23-2 | 273.34 | 274.61 | 273.57 | 273.84 | 0.25 | ppb |
| Strontium | 86-1 | 2971.30 | 3029.23 | 3040.76 | 3013.76 | 1.24 | ppb |
| Strontium | 88-1 | 3125.51 | 3127.78 | 3125.62 | 3126.30 | 0.04 | ppb |
| Sulfur | 34-1 | 1065.42 | 1236.26 | 1188.94 | 1163.54 | 7.58 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 2.46 | 2.43 | 2.50 | 2.47 | 1.44 | ppb |
| Thallium | 205-1 | 2.45 | 2.45 | 2.50 | 2.46 | 1.17 | ppb |
| Tin | 118-1 | 1.09 | 1.09 | 1.08 | 1.08 | 0.53 | ppb |
| Titanium | 47-1 | 240.98 | 243.29 | 244.95 | 243.07 | 0.82 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:40:37 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.76 | 1.75 | 1.74 | 1.75 | 0.55 | ppb |
| Vanadium | 51-2 | 55.19 | 54.80 | 55.11 | 55.03 | 0.37 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 163.52 | 163.48 | 161.75 | 162.92 | 0.62 | ppb |
| Zirconium | 90-1 | 6.44 | 6.49 | 7.28 | 6.74 | 6.97 | ppb |
| Zirconium | 91-1 | 6.35 | 6.29 | 6.26 | 6.30 | 0.70 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:43:51 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25355.68 | 25213.11 | 25059.20 | 25209.33 | 0.59 | ppb |
| Antimony | 121-1 | 3.68 | 3.68 | 3.75 | 3.70 | 1.10 | ppb |
| Arsenic | 75-2 | 26.45 | 26.00 | 26.89 | 26.45 | 1.69 | ppb |
| Barium | 135-1 | 97.49 | 97.55 | 99.69 | 98.25 | 1.28 | ppb |
| Barium | 137-1 | 98.57 | 99.73 | 101.38 | 99.89 | 1.41 | ppb |
| Beryllium | 9-1 | 0.91 | 0.98 | 0.98 | 0.96 | 4.72 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.23 | 2.76 | 3.32 | 3.10 | 9.70 | ppb |
| Cadmium | 106-1 | 3.16 | 4.35 | 3.93 | 3.82 | 15.80 | ppb |
| Cadmium | 111-1 | 2.88 | 2.99 | 2.97 | 2.94 | 1.94 | ppb |
| Calcium | 43-1 | 12660.03 | 13101.92 | 12921.92 | 12894.62 | 1.72 | ppb |
| Calcium | 44-1 | 12431.87 | 12784.59 | 12531.65 | 12582.70 | 1.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30.58 | 30.50 | 30.66 | 30.58 | 0.25 | ppb |
| Cobalt | 59-2 | 32.02 | 32.02 | 32.53 | 32.19 | 0.91 | ppb |
| Copper | 63-2 | 95.76 | 95.68 | 95.90 | 95.78 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 51621.00 | 51703.42 | 51887.14 | 51737.19 | 0.26 | ppb |
| Iron | 57-2 | 50892.50 | 51170.57 | 50530.73 | 50864.60 | 0.63 | ppb |
| Iron | 54-2 | 51191.22 | 52056.14 | 51971.41 | 51739.59 | 0.92 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:43:51 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 92.37 | 93.33 | 94.41 | 93.37 | 1.10 | ppb |
| Lead | 207-1 | 87.13 | 88.40 | 90.10 | 88.54 | 1.68 | ppb |
| Lead | 208-1 | 92.41 | 92.12 | 94.72 | 93.09 | 1.53 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 13073.12 | 13200.11 | 13165.73 | 13146.32 | 0.50 | ppb |
| Manganese | 55-2 | 836.21 | 838.38 | 839.60 | 838.06 | 0.20 | ppb |
| Molybdenum | 94-1 | 9.23 | 9.37 | 9.26 | 9.29 | 0.78 | ppb |
| Molybdenum | 95-1 | 0.77 | 0.75 | 0.75 | 0.76 | 1.54 | ppb |
| Molybdenum | 96-1 | 1.93 | 2.02 | 2.15 | 2.03 | 5.25 | ppb |
| Molybdenum | 97-1 | 0.78 | 0.78 | 0.80 | 0.78 | 1.30 | ppb |
| Molybdenum | 98-1 | 0.76 | 0.73 | 0.77 | 0.75 | 2.75 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 40.35 | 41.07 | 40.71 | 40.71 | 0.88 | ppb |
| Phosphorus | 31-2 | 751.55 | 773.73 | 782.58 | 769.28 | 2.08 | ppb |
| Potassium | 39-2 | 899.07 | 904.74 | 903.70 | 902.50 | 0.33 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 11.79 | 11.65 | 11.88 | 11.78 | 0.97 | ppb |
| Selenium | 77-2 | 18.90 | 17.77 | 16.61 | 17.76 | 6.47 | ppb |
| Selenium | 78-2 | 12.28 | 12.98 | 13.80 | 13.02 | 5.83 | ppb |
| Silicon | 28-1 | 416.27 | 437.39 | 406.57 | 420.08 | 3.75 | ppb |
| Silver | 107-1 | 0.07 | 0.08 | 0.08 | 0.07 | 5.56 | ppb |
| Silver | 109-1 | 0.08 | 0.07 | 0.07 | 0.07 | 9.44 | ppb |
| Sodium | 23-2 | 246.14 | 249.53 | 249.94 | 248.54 | 0.84 | ppb |
| Strontium | 86-1 | 1739.17 | 1727.82 | 1759.01 | 1742.00 | 0.91 | ppb |
| Strontium | 88-1 | 1796.43 | 1812.86 | 1819.57 | 1809.62 | 0.66 | ppb |
| Sulfur | 34-1 | -309.37 | -395.20 | -514.80 | -406.46 | | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 2.53 | 2.60 | 2.71 | 2.61 | 3.44 | ppb |
| Thallium | 205-1 | 2.58 | 2.59 | 2.66 | 2.61 | 1.64 | ppb |
| Tin | 118-1 | 1.82 | 1.87 | 1.95 | 1.88 | 3.69 | ppb |
| Titanium | 47-1 | 237.36 | 243.55 | 243.75 | 241.55 | 1.50 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:43:51 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.97 | 0.95 | 1.00 | 0.97 | 2.69 | ppb |
| Vanadium | 51-2 | 120.08 | 120.90 | 120.35 | 120.44 | 0.34 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 119.27 | 121.42 | 121.08 | 120.59 | 0.96 | ppb |
| Zirconium | 90-1 | 4.89 | 4.67 | 4.77 | 4.78 | 2.21 | ppb |
| Zirconium | 91-1 | 4.71 | 4.85 | 5.03 | 4.86 | 3.27 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:47:04 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17776.95 | 17917.86 | 17711.29 | 17802.03 | 0.59 | ppb |
| Antimony | 121-1 | 4.46 | 4.54 | 4.57 | 4.52 | 1.25 | ppb |
| Arsenic | 75-2 | 218.56 | 217.33 | 215.10 | 216.99 | 0.81 | ppb |
| Barium | 135-1 | 138.85 | 140.77 | 141.75 | 140.46 | 1.05 | ppb |
| Barium | 137-1 | 141.44 | 143.04 | 143.89 | 142.79 | 0.87 | ppb |
| Beryllium | 9-1 | 0.69 | 0.73 | 0.63 | 0.69 | 7.13 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.91 | 4.60 | 5.16 | 4.89 | 5.73 | ppb |
| Cadmium | 106-1 | 8.32 | 8.08 | 7.23 | 7.88 | 7.23 | ppb |
| Cadmium | 111-1 | 2.08 | 2.11 | 1.95 | 2.05 | 4.04 | ppb |
| Calcium | 43-1 | 12947.08 | 13249.12 | 13419.76 | 13205.32 | 1.81 | ppb |
| Calcium | 44-1 | 12706.36 | 12880.29 | 12911.56 | 12832.74 | 0.86 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 25.70 | 25.69 | 25.81 | 25.74 | 0.25 | ppb |
| Cobalt | 59-2 | 24.13 | 24.14 | 24.00 | 24.09 | 0.32 | ppb |
| Copper | 63-2 | 61.56 | 61.82 | 61.54 | 61.64 | 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 | | | | 109 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 54004.61 | 54394.99 | 53949.22 | 54116.27 | 0.45 | ppb |
| Iron | 57-2 | 53417.94 | 53466.13 | 52899.59 | 53261.22 | 0.59 | ppb |
| Iron | 54-2 | 54451.10 | 53688.16 | 53853.37 | 53997.54 | 0.74 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:47:04 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 39.17 | 39.12 | 40.41 | 39.57 | 1.84 | ppb |
| Lead | 207-1 | 37.17 | 37.50 | 38.65 | 37.77 | 2.06 | ppb |
| Lead | 208-1 | 37.87 | 38.04 | 39.21 | 38.37 | 1.91 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 12218.40 | 12454.47 | 12356.70 | 12343.19 | 0.96 | ppb |
| Manganese | 55-2 | 800.20 | 792.36 | 786.77 | 793.11 | 0.85 | ppb |
| Molybdenum | 94-1 | 65.46 | 66.07 | 66.05 | 65.86 | 0.53 | ppb |
| Molybdenum | 95-1 | 0.77 | 0.75 | 0.75 | 0.76 | 1.42 | ppb |
| Molybdenum | 96-1 | 8.03 | 7.97 | 8.07 | 8.02 | 0.62 | ppb |
| Molybdenum | 97-1 | 0.74 | 0.71 | 0.73 | 0.73 | 2.14 | ppb |
| Molybdenum | 98-1 | 0.76 | 0.73 | 0.75 | 0.75 | 2.49 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 46.82 | 46.28 | 45.95 | 46.35 | 0.95 | ppb |
| Phosphorus | 31-2 | 2624.61 | 2603.39 | 2634.24 | 2620.75 | 0.60 | ppb |
| Potassium | 39-2 | 1040.88 | 1038.12 | 1037.10 | 1038.70 | 0.19 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 12.44 | 11.52 | 11.79 | 11.92 | 3.97 | ppb |
| Selenium | 77-2 | 22.24 | 18.73 | 28.04 | 23.00 | 20.43 | ppb |
| Selenium | 78-2 | 12.84 | 13.84 | 12.75 | 13.14 | 4.61 | ppb |
| Silicon | 28-1 | 480.90 | 482.95 | 489.62 | 484.49 | 0.94 | ppb |
| Silver | 107-1 | 0.09 | 0.09 | 0.08 | 0.09 | 6.77 | ppb |
| Silver | 109-1 | 0.06 | 0.06 | 0.06 | 0.06 | 6.62 | ppb |
| Sodium | 23-2 | 730.37 | 730.67 | 723.47 | 728.17 | 0.56 | ppb |
| Strontium | 86-1 | 1846.65 | 1822.18 | 1856.20 | 1841.68 | 0.95 | ppb |
| Strontium | 88-1 | 1878.47 | 1909.62 | 1910.68 | 1899.59 | 0.96 | ppb |
| Sulfur | 34-1 | -701.00 | -758.16 | -728.45 | -729.20 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 2.44 | 2.40 | 2.55 | 2.46 | 3.10 | ppb |
| Thallium | 205-1 | 2.43 | 2.46 | 2.53 | 2.47 | 2.22 | ppb |
| Tin | 118-1 | 1.82 | 1.86 | 1.92 | 1.87 | 2.59 | ppb |
| Titanium | 47-1 | 2926.33 | 2966.15 | 2956.80 | 2949.76 | 0.71 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:47:04 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.00 | 1.02 | 1.05 | 1.02 | 2.56 | ppb |
| Vanadium | 51-2 | 134.48 | 134.44 | 133.98 | 134.30 | 0.21 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 119.37 | 120.30 | 118.33 | 119.33 | 0.83 | ppb |
| Zirconium | 90-1 | 35.61 | 36.02 | 36.17 | 35.94 | 0.80 | ppb |
| Zirconium | 91-1 | 36.06 | 36.34 | 36.51 | 36.30 | 0.63 | ppb |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:50:19 | DataFile Name : | 183CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 48192.07 | 47954.11 | 48141.46 | 48095.88 | 0.26 | ppb |
| Antimony | 121-1 | 484.48 | 496.01 | 491.85 | 490.78 | 1.19 | ppb |
| Arsenic | 75-2 | 485.80 | 490.58 | 482.36 | 486.25 | 0.85 | ppb |
| Barium | 135-1 | 2446.10 | 2519.77 | 2468.21 | 2478.03 | 1.53 | ppb |
| Barium | 137-1 | 2450.59 | 2531.34 | 2472.85 | 2484.93 | 1.68 | ppb |
| Beryllium | 9-1 | 478.40 | 490.49 | 479.56 | 482.82 | 1.38 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 474.23 | 490.59 | 486.30 | 483.71 | 1.75 | ppb |
| Cadmium | 106-1 | 479.35 | 492.26 | 479.56 | 483.72 | 1.53 | ppb |
| Cadmium | 111-1 | 462.02 | 476.05 | 469.24 | 469.10 | 1.49 | ppb |
| Calcium | 43-1 | 253308.35 | 256666.49 | 256753.52 | 255576.12 | 0.77 | ppb |
| Calcium | 44-1 | 253227.32 | 254428.16 | 254984.12 | 254213.20 | 0.35 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 502.13 | 503.29 | 499.01 | 501.48 | 0.44 | ppb |
| Cobalt | 59-2 | 498.83 | 494.49 | 494.60 | 495.97 | 0.50 | ppb |
| Copper | 63-2 | 4940.89 | 4884.29 | 4866.75 | 4897.31 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 96 | | % |
| Indium | 115-1 | | | | 89 | | % |
| Indium | 115-2 | | | | 83 | | % |
| Iron | 56-2 | 129100.84 | 127363.31 | 128189.43 | 128217.86 | 0.68 | ppb |
| Iron | 57-2 | 129267.16 | 128201.24 | 127350.42 | 128272.94 | 0.75 | ppb |
| Iron | 54-2 | 130145.47 | 126543.59 | 128711.09 | 128466.72 | 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 : | CCV019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:50:19 | DataFile Name : | 183CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2548.50 | 2544.88 | 2526.67 | 2540.01 | 0.46 | ppb |
| Lead | 207-1 | 2516.18 | 2547.92 | 2495.81 | 2519.97 | 1.04 | ppb |
| Lead | 208-1 | 2516.38 | 2552.74 | 2514.89 | 2528.00 | 0.85 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 249325.42 | 247282.48 | 248436.70 | 248348.20 | 0.41 | ppb |
| Manganese | 55-2 | 4993.44 | 4879.09 | 4942.52 | 4938.35 | 1.16 | ppb |
| Molybdenum | 94-1 | 4969.83 | 5080.17 | 4993.55 | 5014.52 | 1.16 | ppb |
| Molybdenum | 95-1 | 5060.90 | 5069.68 | 5002.56 | 5044.38 | 0.72 | ppb |
| Molybdenum | 96-1 | 5033.48 | 5087.04 | 5026.67 | 5049.06 | 0.65 | ppb |
| Molybdenum | 97-1 | 5018.81 | 5054.87 | 5054.05 | 5042.58 | 0.41 | ppb |
| Molybdenum | 98-1 | 5012.28 | 5008.15 | 5036.19 | 5018.87 | 0.30 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 480.83 | 472.61 | 475.74 | 476.39 | 0.87 | ppb |
| Phosphorus | 31-2 | 9921.46 | 9709.52 | 9804.78 | 9811.92 | 1.08 | ppb |
| Potassium | 39-2 | 123326.51 | 121437.16 | 122146.19 | 122303.29 | 0.78 | ppb |
| Rhodium | 103-1 | | | | 84 | | % |
| Rhodium | 103-2 | | | | 83 | | % |
| Scandium | 45-1 | | | | 84 | | % |
| Scandium | 45-2 | | | | 79 | | % |
| Selenium | 82-1 | 473.38 | 480.76 | 477.43 | 477.19 | 0.77 | ppb |
| Selenium | 77-2 | 465.15 | 465.87 | 472.60 | 467.87 | 0.88 | ppb |
| Selenium | 78-2 | 471.15 | 471.46 | 472.98 | 471.86 | 0.21 | ppb |
| Silicon | 28-1 | 249.62 | 252.75 | 253.13 | 251.83 | 0.76 | ppb |
| Silver | 107-1 | 469.76 | 485.08 | 478.51 | 477.78 | 1.61 | ppb |
| Silver | 109-1 | 476.89 | 482.22 | 477.41 | 478.84 | 0.61 | ppb |
| Sodium | 23-2 | 248042.80 | 245405.65 | 245747.98 | 246398.81 | 0.58 | ppb |
| Strontium | 86-1 | 12465.79 | 12621.78 | 12508.15 | 12531.91 | 0.64 | ppb |
| Strontium | 88-1 | 12304.18 | 12500.65 | 12534.52 | 12446.45 | 1.00 | ppb |
| Sulfur | 34-1 | 10349.68 | 10447.35 | 10449.12 | 10415.38 | 0.55 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 96 | | % |
| Thallium | 203-1 | 511.12 | 516.65 | 509.54 | 512.44 | 0.73 | ppb |
| Thallium | 205-1 | 510.13 | 511.32 | 507.57 | 509.67 | 0.38 | ppb |
| Tin | 118-1 | 481.22 | 504.83 | 489.72 | 491.92 | 2.43 | ppb |
| Titanium | 47-1 | 4936.23 | 4997.98 | 5002.82 | 4979.01 | 0.75 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:50:19 | DataFile Name : | 183CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 507.78 | 515.20 | 515.37 | 512.78 | 0.85 | ppb |
| Vanadium | 51-2 | 513.42 | 509.84 | 510.74 | 511.33 | 0.36 | ppb |
| Yttrium | 89-1 | | | | 91 | | % |
| Yttrium | 89-2 | | | | 85 | | % |
| Zinc | 66-2 | 4859.09 | 4815.92 | 4751.79 | 4808.93 | 1.12 | ppb |
| Zirconium | 90-1 | 491.77 | 502.52 | 498.92 | 497.74 | 1.10 | ppb |
| Zirconium | 91-1 | 491.27 | 502.70 | 502.43 | 498.80 | 1.31 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:53:06 | DataFile Name : | 184CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4.80 | 4.18 | 4.17 | 4.39 | 8.27 | ppb |
| Antimony | 121-1 | 0.27 | 0.22 | 0.21 | 0.24 | 13.83 | ppb |
| Arsenic | 75-2 | 0.09 | 0.09 | 0.08 | 0.09 | 6.97 | ppb |
| Barium | 135-1 | 0.30 | 0.23 | 0.23 | 0.25 | 15.28 | ppb |
| Barium | 137-1 | 0.31 | 0.23 | 0.23 | 0.26 | 17.87 | ppb |
| Beryllium | 9-1 | 0.14 | 0.12 | 0.03 | 0.10 | 59.89 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.14 | 0.07 | 0.08 | 0.09 | 39.44 | ppb |
| Cadmium | 106-1 | -0.61 | -1.12 | -1.43 | -1.05 | | ppb |
| Cadmium | 111-1 | 0.06 | 0.04 | 0.03 | 0.04 | 26.84 | ppb |
| Calcium | 43-1 | 35.02 | 24.33 | 24.96 | 28.11 | 21.34 | ppb |
| Calcium | 44-1 | 33.43 | 26.04 | 23.04 | 27.50 | 19.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.05 | 0.06 | 0.04 | 0.05 | 23.09 | ppb |
| Cobalt | 59-2 | 0.04 | 0.03 | 0.03 | 0.03 | 23.57 | ppb |
| Copper | 63-2 | 0.53 | 0.48 | 0.47 | 0.50 | 6.56 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 12.32 | 11.79 | 11.22 | 11.78 | 4.67 | ppb |
| Iron | 57-2 | 10.91 | 8.93 | 9.05 | 9.63 | 11.58 | ppb |
| Iron | 54-2 | 11.70 | 12.52 | 10.47 | 11.56 | 8.93 | 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 : | CCB019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:53:06 | DataFile Name : | 184CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.36 | 0.28 | 0.26 | 0.30 | 18.02 | ppb |
| Lead | 207-1 | 0.36 | 0.30 | 0.25 | 0.30 | 17.67 | ppb |
| Lead | 208-1 | 0.36 | 0.29 | 0.27 | 0.31 | 15.76 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 20.14 | 18.78 | 17.82 | 18.92 | 6.17 | ppb |
| Manganese | 55-2 | 0.47 | 0.42 | 0.42 | 0.44 | 5.69 | ppb |
| Molybdenum | 94-1 | 0.82 | 0.63 | 0.54 | 0.67 | 21.32 | ppb |
| Molybdenum | 95-1 | 0.78 | 0.57 | 0.55 | 0.64 | 20.15 | ppb |
| Molybdenum | 96-1 | 0.74 | 0.60 | 0.54 | 0.63 | 17.08 | ppb |
| Molybdenum | 97-1 | 0.74 | 0.62 | 0.53 | 0.63 | 16.78 | ppb |
| Molybdenum | 98-1 | 0.76 | 0.61 | 0.53 | 0.63 | 17.98 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Phosphorus | 31-2 | -16.62 | -16.30 | -14.01 | -15.64 | | ppb |
| Potassium | 39-2 | 14.99 | 14.37 | 13.69 | 14.35 | 4.53 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 86 | | % |
| Scandium | 45-2 | | | | 82 | | % |
| Selenium | 82-1 | 0.57 | 0.17 | 0.07 | 0.27 | 98.72 | ppb |
| Selenium | 77-2 | 0.18 | 0.70 | 0.35 | 0.41 | 64.87 | ppb |
| Selenium | 78-2 | -1.54 | -0.23 | -0.82 | -0.86 | | ppb |
| Silicon | 28-1 | -4.81 | -4.16 | -3.92 | -4.30 | | ppb |
| Silver | 107-1 | 0.10 | 0.08 | 0.07 | 0.09 | 15.47 | ppb |
| Silver | 109-1 | 0.10 | 0.07 | 0.08 | 0.09 | 18.44 | ppb |
| Sodium | 23-2 | 37.41 | 36.74 | 34.60 | 36.25 | 4.04 | ppb |
| Strontium | 86-1 | 1.21 | 1.04 | 1.21 | 1.15 | 8.59 | ppb |
| Strontium | 88-1 | 1.69 | 1.27 | 1.21 | 1.39 | 19.16 | ppb |
| Sulfur | 34-1 | -341.79 | -168.42 | -106.72 | -205.64 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.11 | 0.10 | 0.07 | 0.09 | 20.28 | ppb |
| Thallium | 205-1 | 0.11 | 0.10 | 0.08 | 0.10 | 19.59 | ppb |
| Tin | 118-1 | 0.13 | 0.08 | 0.08 | 0.10 | 27.50 | ppb |
| Titanium | 47-1 | 0.78 | 0.50 | 0.54 | 0.60 | 25.05 | ppb |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:53:06 | DataFile Name : | 184CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.06 | 0.05 | 0.04 | 0.05 | 16.18 | ppb |
| Vanadium | 51-2 | 0.04 | 0.05 | 0.04 | 0.04 | 7.44 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 89 | | % |
| Zinc | 66-2 | 0.50 | 0.55 | 0.63 | 0.56 | 11.80 | ppb |
| Zirconium | 90-1 | 0.08 | 0.07 | 0.07 | 0.07 | 11.51 | ppb |
| Zirconium | 91-1 | 0.10 | 0.08 | 0.06 | 0.08 | 27.12 | 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 | 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
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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
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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

Reviewed By:Mohan
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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

Reviewed By:Mohan
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 |

Reviewed By:Mohan
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 |
|---|---|---|---|---|---|---|---|
| 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
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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 | 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

| | | | |
|---|---|---|---|
| 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 |

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 | 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |

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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 | 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 |

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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 | 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 |

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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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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
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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 | 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 |

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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 | 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 |

| | | | |
|---|---|---|---|
| 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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On:12/30/2024 3:28:46 AM
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 | 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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On:12/30/2024 3:28:46 AM
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 | 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 |

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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 : | P5306-02DUPDLX10 | 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 |

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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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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

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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 | 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 |

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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 | 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 |

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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 | 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 |

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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 | 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

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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 | 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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

| | | | |
|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |

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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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |

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 |

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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 | 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 |

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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 |

| | | | |
|---|---|---|---|
| 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 |

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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 | 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 |

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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 |

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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 |

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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 |

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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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 : | P5266-04LX5 | 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 : | P5266-04LX5 | 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 : | P5266-04LX5 | 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 | 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 |

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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 | 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 | 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 |

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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 | 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 |

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 | 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 |

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 | 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 |

Reviewed By:Mohan
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 |
|---|---|---|---|---|---|---|---|
| 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 |

Reviewed By:Mohan
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 |
|---|---|---|---|---|---|---|---|
| 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 |

Reviewed By:Mohan
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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |

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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 | 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 |

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 | 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 |

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 | 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 |

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 | 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 | 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 | 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 |

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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 |

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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 |

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 | 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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|---|---|---|---|
| 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 |

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 | 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |

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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 |

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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 | 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 |

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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 | 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |

Reviewed By:Mohan
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 |

Reviewed By:Mohan
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 |
|---|---|---|---|---|---|---|---|
| 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 |

Reviewed By:Mohan
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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 | 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 | 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 |

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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 | 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 |

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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 | 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 |

| | | | |
|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |

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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

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|---|---|---|---|
| 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

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|---|---|---|---|
| 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 |

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 |

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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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 | 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 |

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 | 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 |

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 | 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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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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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 | 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 |

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 |
|---|---|---|---|---|---|---|---|
| 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 |

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 : | P5364-13 | 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 |

| | | | |
|---|---|---|---|
| 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 |

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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 |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |

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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 | 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 |

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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 |

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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 |

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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 |

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 |

Reviewed By:Mohan
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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 | 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 |

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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 | 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 |

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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 : | 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 |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:09:25 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1792728 | 1752283 | 1755415 | 1766808 | 1.27 | cps |
| Antimony | 121-1 | 74937 | 76033 | 74193 | 75054 | 1.23 | cps |
| Arsenic | 75-2 | 18612 | 18812 | 18578 | 18667 | 0.68 | cps |
| Barium | 135-1 | 56866 | 57415 | 59698 | 57993 | 2.59 | cps |
| Barium | 137-1 | 99344 | 99948 | 101768 | 100353 | 1.26 | cps |
| Beryllium | 9-1 | 340 | 323 | 363 | 342 | 5.87 | cps |
| Bismuth | 209-1 | 10150533 | 10256237 | 9992715 | 10133161 | 1.31 | cps |
| Bismuth | 209-2 | 8511151 | 8462742 | 8492711 | 8488868 | 0.29 | cps |
| Bromine | 81-1 | 66298 | 69275 | 70705 | 68759 | 3.27 | cps |
| Bromine | 81-2 | 11668 | 11735 | 11248 | 11550 | 2.29 | cps |
| Cadmium | 108-1 | 183 | 180 | 190 | 184 | 2.76 | cps |
| Cadmium | 106-1 | 5144 | 4961 | 4681 | 4929 | 4.74 | cps |
| Cadmium | 111-1 | 2691 | 2610 | 2741 | 2681 | 2.48 | cps |
| Calcium | 43-1 | 539381 | 539908 | 539253 | 539514 | 0.06 | cps |
| Calcium | 44-1 | 8481673 | 8325318 | 8353658 | 8386883 | 0.99 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 86958 | 86412 | 85785 | 86385 | 0.68 | cps |
| Cobalt | 59-2 | 48110 | 47301 | 48214 | 47875 | 1.04 | cps |
| Copper | 63-2 | 1191058 | 1184020 | 1194681 | 1189920 | 0.46 | cps |
| Dysprosium | 156-1 | 15826 | 15896 | 16266 | 15996 | 1.48 | cps |
| Dysprosium | 156-2 | 12863 | 13283 | 13617 | 13254 | 2.85 | cps |
| Erbium | 164-1 | 15135 | 15092 | 15022 | 15083 | 0.38 | cps |
| Erbium | 164-2 | 10751 | 10661 | 10667 | 10693 | 0.47 | cps |
| Gadolinium | 160-1 | 15963 | 15949 | 15812 | 15908 | 0.52 | cps |
| Gadolinium | 160-2 | 13116 | 12796 | 12225 | 12713 | 3.55 | cps |
| Holmium | 165-1 | 16814443 | 16768406 | 16322179 | 16635009 | 1.63 | cps |
| Holmium | 165-2 | 11762576 | 11806440 | 11740959 | 11769992 | 0.28 | cps |
| Indium | 115-1 | 13219992 | 13080285 | 13052741 | 13117673 | 0.68 | cps |
| Indium | 115-2 | 4823528 | 4888426 | 4847670 | 4853208 | 0.68 | cps |
| Iron | 56-2 | 52653443 | 52900874 | 52778749 | 52777689 | 0.23 | cps |
| Iron | 57-2 | 1331200 | 1328978 | 1324479 | 1328219 | 0.26 | cps |
| Iron | 54-2 | 2893984 | 2873857 | 2868076 | 2878639 | 0.47 | cps |
| Krypton | 83-1 | 223 | 280 | 237 | 247 | 12.01 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:09:25 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 694399 | 699194 | 695920 | 696504 | 0.35 | cps |
| Lead | 207-1 | 595752 | 594314 | 594048 | 594705 | 0.15 | cps |
| Lead | 208-1 | 2719437 | 2736877 | 2718549 | 2724954 | 0.38 | cps |
| Lithium | 6-1 | 1972983 | 2004643 | 1965708 | 1981111 | 1.04 | cps |
| Magnesium | 24-2 | 2363733 | 2408954 | 2378946 | 2383877 | 0.97 | cps |
| Manganese | 55-2 | 610323 | 604952 | 605542 | 606939 | 0.49 | cps |
| Molybdenum | 94-1 | 24835 | 24938 | 24938 | 24904 | 0.24 | cps |
| Molybdenum | 95-1 | 14944 | 14934 | 14978 | 14952 | 0.15 | cps |
| Molybdenum | 96-1 | 19416 | 18969 | 18882 | 19089 | 1.50 | cps |
| Molybdenum | 97-1 | 9343 | 9166 | 9150 | 9220 | 1.16 | cps |
| Molybdenum | 98-1 | 23676 | 23920 | 23769 | 23788 | 0.52 | cps |
| Neodymium | 150-1 | 24024 | 23850 | 22922 | 23599 | 2.51 | cps |
| Neodymium | 150-2 | 14795 | 14494 | 14624 | 14638 | 1.03 | cps |
| Nickel | 60-2 | 35843 | 36802 | 36060 | 36235 | 1.39 | cps |
| Phosphorus | 31-2 | 7752 | 8066 | 8219 | 8012 | 2.97 | cps |
| Potassium | 39-2 | 924941 | 920707 | 912774 | 919474 | 0.67 | cps |
| Rhodium | 103-1 | 12102681 | 11963672 | 11840068 | 11968807 | 1.10 | cps |
| Rhodium | 103-2 | 7151289 | 7159465 | 7221364 | 7177373 | 0.53 | cps |
| Scandium | 45-1 | 6905328 | 6792263 | 6764361 | 6820651 | 1.09 | cps |
| Scandium | 45-2 | 596020 | 593983 | 591019 | 593674 | 0.42 | cps |
| Selenium | 82-1 | 417 | 308 | 333 | 353 | 16.12 | cps |
| Selenium | 77-2 | 67 | 60 | 50 | 59 | 14.25 | cps |
| Selenium | 78-2 | 533 | 507 | 493 | 511 | 3.98 | cps |
| Silicon | 28-1 | 4598993 | 4488858 | 5549992 | 4879281 | 11.96 | cps |
| Silver | 107-1 | 12606 | 12816 | 12479 | 12633 | 1.35 | cps |
| Silver | 109-1 | 12235 | 12212 | 11865 | 12104 | 1.71 | cps |
| Sodium | 23-2 | 9721297 | 9616669 | 9611590 | 9649852 | 0.64 | cps |
| Strontium | 86-1 | 684463 | 685735 | 692021 | 687407 | 0.59 | cps |
| Strontium | 88-1 | 6125291 | 6199285 | 6078287 | 6134288 | 0.99 | cps |
| Sulfur | 34-1 | 406402 | 405496 | 407085 | 406328 | 0.20 | cps |
| Terbium | 159-1 | 17153428 | 16879321 | 16863530 | 16965426 | 0.96 | cps |
| Terbium | 159-2 | 11596938 | 11664291 | 11602721 | 11621317 | 0.32 | cps |
| Thallium | 203-1 | 2367 | 2304 | 2364 | 2345 | 1.52 | cps |
| Thallium | 205-1 | 5455 | 5505 | 5364 | 5441 | 1.30 | cps |
| Tin | 118-1 | 134100 | 134360 | 135483 | 134648 | 0.55 | cps |
| Titanium | 47-1 | 360092 | 350791 | 351762 | 354215 | 1.44 | 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 : | P5364-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:09:25 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 67434 | 67340 | 67568 | 67447 | 0.17 | cps |
| Vanadium | 51-2 | 106395 | 107140 | 106619 | 106718 | 0.36 | cps |
| Yttrium | 89-1 | 20049536 | 19884576 | 19706868 | 19880327 | 0.86 | cps |
| Yttrium | 89-2 | 5453377 | 5357245 | 5378584 | 5396402 | 0.94 | cps |
| Zinc | 66-2 | 94094 | 94839 | 94245 | 94392 | 0.42 | cps |
| Zirconium | 90-1 | 44909 | 44457 | 51217 | 46861 | 8.07 | cps |
| Zirconium | 91-1 | 10114 | 9687 | 10250 | 10017 | 2.94 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:12:35 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1847867 | 1883492 | 1935717 | 1889025 | 2.34 | cps |
| Antimony | 121-1 | 246378 | 248469 | 250555 | 248467 | 0.84 | cps |
| Arsenic | 75-2 | 25946 | 25732 | 25545 | 25741 | 0.78 | cps |
| Barium | 135-1 | 57941 | 58466 | 59125 | 58511 | 1.01 | cps |
| Barium | 137-1 | 101994 | 102436 | 101778 | 102069 | 0.33 | cps |
| Beryllium | 9-1 | 380 | 320 | 407 | 369 | 12.03 | cps |
| Bismuth | 209-1 | 10044391 | 10112405 | 10126599 | 10094465 | 0.44 | cps |
| Bismuth | 209-2 | 8455083 | 8446176 | 8463200 | 8454819 | 0.10 | cps |
| Bromine | 81-1 | 29650 | 30004 | 30836 | 30163 | 2.02 | cps |
| Bromine | 81-2 | 3587 | 3437 | 3384 | 3469 | 3.04 | cps |
| Cadmium | 108-1 | 123 | 110 | 130 | 121 | 8.41 | cps |
| Cadmium | 106-1 | 4961 | 4881 | 4878 | 4906 | 0.96 | cps |
| Cadmium | 111-1 | 1581 | 1623 | 1545 | 1583 | 2.47 | cps |
| Calcium | 43-1 | 159205 | 160973 | 163365 | 161181 | 1.30 | cps |
| Calcium | 44-1 | 2515230 | 2544070 | 2520350 | 2526550 | 0.61 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 100988 | 99895 | 101166 | 100683 | 0.68 | cps |
| Cobalt | 59-2 | 71911 | 72032 | 73053 | 72332 | 0.87 | cps |
| Copper | 63-2 | 410750 | 410257 | 411707 | 410905 | 0.18 | cps |
| Dysprosium | 156-1 | 25543 | 24996 | 24952 | 25164 | 1.31 | cps |
| Dysprosium | 156-2 | 21149 | 21256 | 21420 | 21275 | 0.64 | cps |
| Erbium | 164-1 | 21266 | 22164 | 21640 | 21690 | 2.08 | cps |
| Erbium | 164-2 | 15632 | 15425 | 15515 | 15524 | 0.67 | cps |
| Gadolinium | 160-1 | 24515 | 25480 | 25046 | 25013 | 1.93 | cps |
| Gadolinium | 160-2 | 19270 | 19153 | 19704 | 19376 | 1.50 | cps |
| Holmium | 165-1 | 16837776 | 16712856 | 16667868 | 16739500 | 0.53 | cps |
| Holmium | 165-2 | 11708800 | 11771021 | 11989140 | 11822987 | 1.25 | cps |
| Indium | 115-1 | 13331953 | 13361708 | 13335072 | 13342911 | 0.12 | cps |
| Indium | 115-2 | 4947121 | 4968902 | 4973555 | 4963193 | 0.28 | cps |
| Iron | 56-2 | 80680165 | 80751159 | 80474562 | 80635295 | 0.18 | cps |
| Iron | 57-2 | 1985109 | 1978604 | 1996747 | 1986820 | 0.46 | cps |
| Iron | 54-2 | 4388783 | 4332982 | 4403388 | 4375051 | 0.85 | cps |
| Krypton | 83-1 | 287 | 213 | 243 | 248 | 14.88 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:12:35 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 510310 | 510560 | 515271 | 512047 | 0.55 | cps |
| Lead | 207-1 | 433745 | 436934 | 438776 | 436485 | 0.58 | cps |
| Lead | 208-1 | 2008500 | 2013252 | 2019477 | 2013743 | 0.27 | cps |
| Lithium | 6-1 | 1995236 | 2029028 | 2007407 | 2010557 | 0.85 | cps |
| Magnesium | 24-2 | 2150750 | 2092881 | 2152389 | 2132007 | 1.59 | cps |
| Manganese | 55-2 | 669651 | 678011 | 676559 | 674740 | 0.66 | cps |
| Molybdenum | 94-1 | 29374 | 28668 | 32296 | 30113 | 6.39 | cps |
| Molybdenum | 95-1 | 6725 | 7152 | 7028 | 6968 | 3.15 | cps |
| Molybdenum | 96-1 | 12385 | 12739 | 12375 | 12500 | 1.66 | cps |
| Molybdenum | 97-1 | 4271 | 4334 | 4041 | 4215 | 3.66 | cps |
| Molybdenum | 98-1 | 10657 | 11171 | 10971 | 10933 | 2.37 | cps |
| Neodymium | 150-1 | 40846 | 40963 | 41508 | 41105 | 0.86 | cps |
| Neodymium | 150-2 | 25743 | 25536 | 24976 | 25418 | 1.56 | cps |
| Nickel | 60-2 | 41344 | 42343 | 41621 | 41769 | 1.24 | cps |
| Phosphorus | 31-2 | 11965 | 12422 | 12112 | 12166 | 1.92 | cps |
| Potassium | 39-2 | 986708 | 989783 | 1002362 | 992951 | 0.84 | cps |
| Rhodium | 103-1 | 12266324 | 12258183 | 12271991 | 12265499 | 0.06 | cps |
| Rhodium | 103-2 | 7324967 | 7398674 | 7544718 | 7422786 | 1.51 | cps |
| Scandium | 45-1 | 6952597 | 7033374 | 6986820 | 6990930 | 0.58 | cps |
| Scandium | 45-2 | 621566 | 621397 | 624083 | 622349 | 0.24 | cps |
| Selenium | 82-1 | 178 | 273 | 220 | 224 | 21.41 | cps |
| Selenium | 77-2 | 83 | 57 | 73 | 71 | 18.94 | cps |
| Selenium | 78-2 | 517 | 500 | 513 | 510 | 1.73 | cps |
| Silicon | 28-1 | 5273873 | 4620751 | 4782375 | 4892333 | 6.95 | cps |
| Silver | 107-1 | 3340 | 3290 | 3137 | 3256 | 3.25 | cps |
| Silver | 109-1 | 3224 | 2877 | 3257 | 3119 | 6.75 | cps |
| Sodium | 23-2 | 4891802 | 4876637 | 4870825 | 4879755 | 0.22 | cps |
| Strontium | 86-1 | 173635 | 174440 | 177000 | 175025 | 1.00 | cps |
| Strontium | 88-1 | 1542473 | 1574120 | 1570420 | 1562338 | 1.11 | cps |
| Sulfur | 34-1 | 233057 | 232864 | 230908 | 232276 | 0.51 | cps |
| Terbium | 159-1 | 17079164 | 16946956 | 16990950 | 17005690 | 0.40 | cps |
| Terbium | 159-2 | 11839593 | 11631037 | 11713561 | 11728064 | 0.90 | cps |
| Thallium | 203-1 | 1833 | 1930 | 2040 | 1935 | 5.35 | cps |
| Thallium | 205-1 | 4487 | 4571 | 4724 | 4594 | 2.61 | cps |
| Tin | 118-1 | 60503 | 61929 | 59947 | 60793 | 1.68 | cps |
| Titanium | 47-1 | 575138 | 593855 | 590983 | 586659 | 1.72 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-17 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:12:35 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 15092 | 15436 | 15399 | 15309 | 1.23 | cps |
| Vanadium | 51-2 | 151350 | 150303 | 152387 | 151346 | 0.69 | cps |
| Yttrium | 89-1 | 20168590 | 20347504 | 20289958 | 20268684 | 0.45 | cps |
| Yttrium | 89-2 | 5615256 | 5615746 | 5688094 | 5639699 | 0.74 | cps |
| Zinc | 66-2 | 154705 | 154715 | 156591 | 155337 | 0.70 | cps |
| Zirconium | 90-1 | 68153 | 69257 | 70851 | 69420 | 1.95 | cps |
| Zirconium | 91-1 | 14848 | 15372 | 15715 | 15311 | 2.85 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:15:46 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3166239 | 3149149 | 3113429 | 3142939 | 0.86 | cps |
| Antimony | 121-1 | 354071 | 361320 | 362897 | 359429 | 1.31 | cps |
| Arsenic | 75-2 | 72660 | 72797 | 72781 | 72746 | 0.10 | cps |
| Barium | 135-1 | 239186 | 238469 | 242653 | 240103 | 0.93 | cps |
| Barium | 137-1 | 415245 | 418151 | 422131 | 418509 | 0.83 | cps |
| Beryllium | 9-1 | 513 | 483 | 513 | 503 | 3.44 | cps |
| Bismuth | 209-1 | 10310827 | 10158504 | 10242709 | 10237346 | 0.75 | cps |
| Bismuth | 209-2 | 8594482 | 8518435 | 8668760 | 8593892 | 0.87 | cps |
| Bromine | 81-1 | 70654 | 73947 | 74534 | 73045 | 2.86 | cps |
| Bromine | 81-2 | 11838 | 12302 | 12319 | 12153 | 2.24 | cps |
| Cadmium | 108-1 | 397 | 290 | 357 | 348 | 15.49 | cps |
| Cadmium | 106-1 | 5398 | 5358 | 5358 | 5371 | 0.43 | cps |
| Cadmium | 111-1 | 4278 | 4414 | 4376 | 4356 | 1.61 | cps |
| Calcium | 43-1 | 252655 | 253958 | 256351 | 254321 | 0.74 | cps |
| Calcium | 44-1 | 3920778 | 3929369 | 3964544 | 3938230 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 179244 | 176938 | 179322 | 178501 | 0.76 | cps |
| Cobalt | 59-2 | 178599 | 176636 | 180716 | 178651 | 1.14 | cps |
| Copper | 63-2 | 6647343 | 6648824 | 6679734 | 6658634 | 0.27 | cps |
| Dysprosium | 156-1 | 25774 | 25493 | 25794 | 25687 | 0.65 | cps |
| Dysprosium | 156-2 | 22084 | 21497 | 22241 | 21941 | 1.79 | cps |
| Erbium | 164-1 | 23446 | 22996 | 23660 | 23367 | 1.45 | cps |
| Erbium | 164-2 | 17264 | 16743 | 17594 | 17201 | 2.49 | cps |
| Gadolinium | 160-1 | 25617 | 26255 | 26051 | 25974 | 1.25 | cps |
| Gadolinium | 160-2 | 19908 | 20198 | 20405 | 20170 | 1.24 | cps |
| Holmium | 165-1 | 16946645 | 16480078 | 16965555 | 16797426 | 1.64 | cps |
| Holmium | 165-2 | 12227008 | 12102469 | 12187490 | 12172322 | 0.52 | cps |
| Indium | 115-1 | 13570665 | 13586673 | 13615769 | 13591036 | 0.17 | cps |
| Indium | 115-2 | 5183807 | 5111250 | 5093163 | 5129407 | 0.94 | cps |
| Iron | 56-2 | 129929941 | 129432145 | 129743848 | 129701978 | 0.19 | cps |
| Iron | 57-2 | 3240534 | 3233097 | 3222271 | 3231968 | 0.28 | cps |
| Iron | 54-2 | 7014060 | 6999517 | 7083112 | 7032229 | 0.64 | cps |
| Krypton | 83-1 | 247 | 237 | 230 | 238 | 3.53 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:15:46 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2362317 | 2421330 | 2396052 | 2393233 | 1.24 | cps |
| Lead | 207-1 | 2082696 | 2083514 | 2102862 | 2089691 | 0.55 | cps |
| Lead | 208-1 | 9527391 | 9567210 | 9583819 | 9559473 | 0.30 | cps |
| Lithium | 6-1 | 2073598 | 1997400 | 2027507 | 2032835 | 1.89 | cps |
| Magnesium | 24-2 | 3077028 | 3051067 | 3109652 | 3079249 | 0.95 | cps |
| Manganese | 55-2 | 825752 | 825942 | 836330 | 829341 | 0.73 | cps |
| Molybdenum | 94-1 | 40396 | 40730 | 40750 | 40625 | 0.49 | cps |
| Molybdenum | 95-1 | 31417 | 31474 | 31754 | 31548 | 0.57 | cps |
| Molybdenum | 96-1 | 39176 | 39035 | 39687 | 39299 | 0.87 | cps |
| Molybdenum | 97-1 | 20221 | 19877 | 19790 | 19963 | 1.14 | cps |
| Molybdenum | 98-1 | 49697 | 51504 | 51246 | 50816 | 1.92 | cps |
| Neodymium | 150-1 | 40471 | 40294 | 40648 | 40471 | 0.44 | cps |
| Neodymium | 150-2 | 25149 | 24782 | 25179 | 25037 | 0.88 | cps |
| Nickel | 60-2 | 49565 | 50491 | 49421 | 49826 | 1.17 | cps |
| Phosphorus | 31-2 | 12148 | 11695 | 12192 | 12011 | 2.29 | cps |
| Potassium | 39-2 | 1439965 | 1441642 | 1486601 | 1456069 | 1.82 | cps |
| Rhodium | 103-1 | 12297167 | 12403402 | 12539078 | 12413216 | 0.98 | cps |
| Rhodium | 103-2 | 7666937 | 7556772 | 7587774 | 7603827 | 0.75 | cps |
| Scandium | 45-1 | 7190807 | 7211156 | 7314579 | 7238847 | 0.92 | cps |
| Scandium | 45-2 | 648444 | 641126 | 645918 | 645163 | 0.58 | cps |
| Selenium | 82-1 | 386 | 427 | 382 | 398 | 6.27 | cps |
| Selenium | 77-2 | 77 | 73 | 107 | 86 | 21.46 | cps |
| Selenium | 78-2 | 620 | 620 | 647 | 629 | 2.45 | cps |
| Silicon | 28-1 | 8906416 | 12485271 | 8626644 | 10006110 | 21.50 | cps |
| Silver | 107-1 | 71642 | 73786 | 74614 | 73347 | 2.09 | cps |
| Silver | 109-1 | 68491 | 70500 | 70704 | 69898 | 1.75 | cps |
| Sodium | 23-2 | 10319220 | 10228524 | 10461381 | 10336375 | 1.14 | cps |
| Strontium | 86-1 | 283215 | 284606 | 286419 | 284746 | 0.56 | cps |
| Strontium | 88-1 | 2529838 | 2535256 | 2568202 | 2544432 | 0.82 | cps |
| Sulfur | 34-1 | 425989 | 425525 | 429175 | 426896 | 0.47 | cps |
| Terbium | 159-1 | 17114522 | 17213458 | 17186193 | 17171391 | 0.30 | cps |
| Terbium | 159-2 | 11978618 | 11734404 | 11865092 | 11859371 | 1.03 | cps |
| Thallium | 203-1 | 3561 | 3727 | 3847 | 3712 | 3.88 | cps |
| Thallium | 205-1 | 8966 | 8666 | 8806 | 8813 | 1.70 | cps |
| Tin | 118-1 | 229284 | 226788 | 233123 | 229732 | 1.39 | cps |
| Titanium | 47-1 | 637225 | 636824 | 639438 | 637829 | 0.22 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-18 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:15:46 | DataFile Name : | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43819 | 45026 | 44157 | 44334 | 1.41 | cps |
| Vanadium | 51-2 | 170251 | 170767 | 171192 | 170737 | 0.28 | cps |
| Yttrium | 89-1 | 20761037 | 20775546 | 21152415 | 20896332 | 1.06 | cps |
| Yttrium | 89-2 | 5784895 | 5743439 | 5806772 | 5778369 | 0.56 | cps |
| Zinc | 66-2 | 802775 | 797101 | 807339 | 802405 | 0.64 | cps |
| Zirconium | 90-1 | 60867 | 59545 | 60527 | 60313 | 1.14 | cps |
| Zirconium | 91-1 | 13633 | 13290 | 13373 | 13432 | 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 : | P5364-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:19:33 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2210664 | 2156506 | 2270502 | 2212557 | 2.58 | cps |
| Antimony | 121-1 | 133943 | 132867 | 133311 | 133374 | 0.41 | cps |
| Arsenic | 75-2 | 31837 | 31139 | 31493 | 31490 | 1.11 | cps |
| Barium | 135-1 | 93280 | 93689 | 93793 | 93587 | 0.29 | cps |
| Barium | 137-1 | 162076 | 160973 | 159779 | 160943 | 0.71 | cps |
| Beryllium | 9-1 | 363 | 360 | 360 | 361 | 0.53 | cps |
| Bismuth | 209-1 | 10286726 | 10283896 | 10198546 | 10256389 | 0.49 | cps |
| Bismuth | 209-2 | 8470671 | 8449547 | 8394999 | 8438406 | 0.46 | cps |
| Bromine | 81-1 | 64945 | 66442 | 68705 | 66697 | 2.84 | cps |
| Bromine | 81-2 | 10527 | 10757 | 10394 | 10559 | 1.74 | cps |
| Cadmium | 108-1 | 330 | 193 | 203 | 242 | 31.45 | cps |
| Cadmium | 106-1 | 5331 | 4931 | 4984 | 5082 | 4.28 | cps |
| Cadmium | 111-1 | 3132 | 3413 | 3194 | 3246 | 4.54 | cps |
| Calcium | 43-1 | 868823 | 858309 | 850086 | 859073 | 1.09 | cps |
| Calcium | 44-1 | 13517374 | 13421022 | 13382984 | 13440460 | 0.52 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 124929 | 125712 | 124787 | 125143 | 0.40 | cps |
| Cobalt | 59-2 | 45957 | 46164 | 46405 | 46175 | 0.49 | cps |
| Copper | 63-2 | 4767293 | 4738317 | 4743788 | 4749800 | 0.32 | cps |
| Dysprosium | 156-1 | 20205 | 20582 | 21133 | 20640 | 2.26 | cps |
| Dysprosium | 156-2 | 17284 | 17151 | 17010 | 17148 | 0.80 | cps |
| Erbium | 164-1 | 18182 | 18759 | 18576 | 18506 | 1.59 | cps |
| Erbium | 164-2 | 13366 | 12929 | 12769 | 13022 | 2.37 | cps |
| Gadolinium | 160-1 | 21176 | 20785 | 20756 | 20906 | 1.12 | cps |
| Gadolinium | 160-2 | 15993 | 15749 | 15729 | 15823 | 0.93 | cps |
| Holmium | 165-1 | 16904286 | 16718022 | 16462330 | 16694879 | 1.33 | cps |
| Holmium | 165-2 | 11840792 | 11905987 | 11743037 | 11829939 | 0.69 | cps |
| Indium | 115-1 | 13521024 | 13445245 | 13274865 | 13413711 | 0.94 | cps |
| Indium | 115-2 | 4945154 | 4871562 | 4868395 | 4895037 | 0.89 | cps |
| Iron | 56-2 | 70683764 | 70063037 | 70374006 | 70373602 | 0.44 | cps |
| Iron | 57-2 | 1803853 | 1771638 | 1768962 | 1781485 | 1.09 | cps |
| Iron | 54-2 | 3855887 | 3863068 | 3799918 | 3839624 | 0.90 | cps |
| Krypton | 83-1 | 237 | 213 | 233 | 228 | 5.54 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:19:33 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1189719 | 1186061 | 1204715 | 1193499 | 0.83 | cps |
| Lead | 207-1 | 1019642 | 1024213 | 1022383 | 1022080 | 0.23 | cps |
| Lead | 208-1 | 4833584 | 4845756 | 4867239 | 4848860 | 0.35 | cps |
| Lithium | 6-1 | 2053852 | 2004525 | 2029328 | 2029235 | 1.22 | cps |
| Magnesium | 24-2 | 2116721 | 2092126 | 2056887 | 2088578 | 1.44 | cps |
| Manganese | 55-2 | 443085 | 441267 | 438460 | 440937 | 0.53 | cps |
| Molybdenum | 94-1 | 29777 | 28952 | 29403 | 29377 | 1.41 | cps |
| Molybdenum | 95-1 | 20448 | 19516 | 19283 | 19749 | 3.12 | cps |
| Molybdenum | 96-1 | 25529 | 24741 | 25529 | 25266 | 1.80 | cps |
| Molybdenum | 97-1 | 12849 | 12339 | 12002 | 12396 | 3.44 | cps |
| Molybdenum | 98-1 | 31988 | 32610 | 31748 | 32115 | 1.38 | cps |
| Neodymium | 150-1 | 33286 | 32785 | 32918 | 32996 | 0.79 | cps |
| Neodymium | 150-2 | 19944 | 20111 | 19434 | 19830 | 1.78 | cps |
| Nickel | 60-2 | 34964 | 35432 | 35208 | 35201 | 0.66 | cps |
| Phosphorus | 31-2 | 9783 | 10417 | 10080 | 10093 | 3.14 | cps |
| Potassium | 39-2 | 957436 | 950739 | 949821 | 952665 | 0.44 | cps |
| Rhodium | 103-1 | 12456055 | 12194687 | 12146281 | 12265674 | 1.36 | cps |
| Rhodium | 103-2 | 7283666 | 7326441 | 7320458 | 7310188 | 0.32 | cps |
| Scandium | 45-1 | 7126820 | 7012283 | 6895434 | 7011512 | 1.65 | cps |
| Scandium | 45-2 | 601205 | 598866 | 590702 | 596924 | 0.92 | cps |
| Selenium | 82-1 | 342 | 360 | 333 | 345 | 4.04 | cps |
| Selenium | 77-2 | 77 | 60 | 73 | 70 | 12.60 | cps |
| Selenium | 78-2 | 460 | 463 | 387 | 437 | 9.92 | cps |
| Silicon | 28-1 | 7484745 | 6436783 | 8431357 | 7450961 | 13.39 | cps |
| Silver | 107-1 | 45825 | 45026 | 44722 | 45191 | 1.26 | cps |
| Silver | 109-1 | 45324 | 43228 | 42592 | 43715 | 3.27 | cps |
| Sodium | 23-2 | 9056828 | 8941297 | 9024973 | 9007699 | 0.66 | cps |
| Strontium | 86-1 | 902087 | 893273 | 876932 | 890764 | 1.43 | cps |
| Strontium | 88-1 | 7932193 | 7987467 | 7887605 | 7935755 | 0.63 | cps |
| Sulfur | 34-1 | 515656 | 509103 | 504593 | 509784 | 1.09 | cps |
| Terbium | 159-1 | 17152432 | 17192747 | 17083051 | 17142743 | 0.32 | cps |
| Terbium | 159-2 | 11768259 | 11593333 | 11494453 | 11618682 | 1.19 | cps |
| Thallium | 203-1 | 2860 | 3027 | 3110 | 2999 | 4.25 | cps |
| Thallium | 205-1 | 6942 | 7275 | 7399 | 7205 | 3.28 | cps |
| Tin | 118-1 | 112095 | 110264 | 111370 | 111243 | 0.83 | cps |
| Titanium | 47-1 | 599766 | 584978 | 579254 | 587999 | 1.80 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-19 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:19:33 | DataFile Name : | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 31350 | 31036 | 31909 | 31432 | 1.41 | cps |
| Vanadium | 51-2 | 117765 | 118692 | 118722 | 118393 | 0.46 | cps |
| Yttrium | 89-1 | 20829978 | 20380646 | 19936759 | 20382461 | 2.19 | cps |
| Yttrium | 89-2 | 5536697 | 5461040 | 5449090 | 5482276 | 0.87 | cps |
| Zinc | 66-2 | 209565 | 207653 | 206436 | 207885 | 0.76 | cps |
| Zirconium | 90-1 | 52117 | 47871 | 47707 | 49232 | 5.08 | cps |
| Zirconium | 91-1 | 10881 | 10988 | 10594 | 10821 | 1.88 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2922 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:22:41 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4003052 | 3977968 | 3928521 | 3969847 | 0.96 | cps |
| Antimony | 121-1 | 9964 | 9750 | 9727 | 9813 | 1.33 | cps |
| Arsenic | 75-2 | 8352 | 7872 | 8422 | 8216 | 3.65 | cps |
| Barium | 135-1 | 447943 | 443922 | 443598 | 445154 | 0.54 | cps |
| Barium | 137-1 | 775599 | 774113 | 780416 | 776709 | 0.42 | cps |
| Beryllium | 9-1 | 1463 | 1553 | 1573 | 1530 | 3.83 | cps |
| Bismuth | 209-1 | 10260024 | 10112405 | 10128701 | 10167043 | 0.80 | cps |
| Bismuth | 209-2 | 8322614 | 8537353 | 8681060 | 8513676 | 2.12 | cps |
| Bromine | 81-1 | 19066 | 19216 | 19486 | 19256 | 1.11 | cps |
| Bromine | 81-2 | 1057 | 970 | 927 | 984 | 6.72 | cps |
| Cadmium | 108-1 | 150 | 177 | 177 | 168 | 9.18 | cps |
| Cadmium | 106-1 | 5201 | 5244 | 5274 | 5240 | 0.70 | cps |
| Cadmium | 111-1 | 2995 | 3034 | 2824 | 2951 | 3.78 | cps |
| Calcium | 43-1 | 1730307 | 1707681 | 1741064 | 1726351 | 0.99 | cps |
| Calcium | 44-1 | 27869273 | 27831817 | 27568800 | 27756630 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 184429 | 183859 | 180175 | 182821 | 1.26 | cps |
| Cobalt | 59-2 | 131816 | 130414 | 129993 | 130741 | 0.73 | cps |
| Copper | 63-2 | 191951 | 191903 | 189702 | 191185 | 0.67 | cps |
| Dysprosium | 156-1 | 53304 | 53046 | 53063 | 53138 | 0.27 | cps |
| Dysprosium | 156-2 | 43347 | 43948 | 42384 | 43226 | 1.83 | cps |
| Erbium | 164-1 | 43906 | 43945 | 45005 | 44285 | 1.41 | cps |
| Erbium | 164-2 | 31549 | 31666 | 31268 | 31494 | 0.65 | cps |
| Gadolinium | 160-1 | 51929 | 53461 | 52926 | 52772 | 1.47 | cps |
| Gadolinium | 160-2 | 39633 | 39429 | 39215 | 39425 | 0.53 | cps |
| Holmium | 165-1 | 17057191 | 17126294 | 16888445 | 17023977 | 0.72 | cps |
| Holmium | 165-2 | 11673209 | 11971850 | 12432221 | 12025760 | 3.18 | cps |
| Indium | 115-1 | 13520907 | 13248450 | 13281084 | 13350147 | 1.11 | cps |
| Indium | 115-2 | 4810289 | 4846502 | 5074248 | 4910346 | 2.91 | cps |
| Iron | 56-2 | 175218091 | 173169311 | 171125737 | 173171046 | 1.18 | cps |
| Iron | 57-2 | 4389296 | 4319526 | 4279919 | 4329580 | 1.28 | cps |
| Iron | 54-2 | 9505828 | 9390361 | 9285985 | 9394058 | 1.17 | cps |
| Krypton | 83-1 | 323 | 287 | 237 | 282 | 15.42 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2922 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:22:41 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 612360 | 620388 | 617053 | 616600 | 0.65 | cps |
| Lead | 207-1 | 502456 | 499234 | 499846 | 500512 | 0.34 | cps |
| Lead | 208-1 | 2341739 | 2352697 | 2354661 | 2349699 | 0.30 | cps |
| Lithium | 6-1 | 1992118 | 2018014 | 2001236 | 2003789 | 0.66 | cps |
| Magnesium | 24-2 | 10529092 | 10542690 | 10361328 | 10477703 | 0.96 | cps |
| Manganese | 55-2 | 2899353 | 2855321 | 2828685 | 2861119 | 1.25 | cps |
| Molybdenum | 94-1 | 26467 | 27406 | 26374 | 26749 | 2.13 | cps |
| Molybdenum | 95-1 | 15325 | 15308 | 15168 | 15267 | 0.56 | cps |
| Molybdenum | 96-1 | 21633 | 21806 | 21249 | 21563 | 1.32 | cps |
| Molybdenum | 97-1 | 9680 | 9733 | 9533 | 9649 | 1.07 | cps |
| Molybdenum | 98-1 | 25158 | 24377 | 24958 | 24831 | 1.63 | cps |
| Neodymium | 150-1 | 81282 | 80515 | 81366 | 81054 | 0.58 | cps |
| Neodymium | 150-2 | 49209 | 49323 | 48958 | 49163 | 0.38 | cps |
| Nickel | 60-2 | 89092 | 88153 | 87691 | 88312 | 0.81 | cps |
| Phosphorus | 31-2 | 11665 | 11408 | 11508 | 11527 | 1.12 | cps |
| Potassium | 39-2 | 1444678 | 1419034 | 1458029 | 1440580 | 1.38 | cps |
| Rhodium | 103-1 | 12400279 | 12034255 | 12272920 | 12235818 | 1.52 | cps |
| Rhodium | 103-2 | 7071267 | 7177642 | 7503786 | 7250898 | 3.11 | cps |
| Scandium | 45-1 | 7161196 | 6976870 | 6929783 | 7022616 | 1.74 | cps |
| Scandium | 45-2 | 583338 | 597549 | 625923 | 602270 | 3.60 | cps |
| Selenium | 82-1 | 337 | 351 | 359 | 349 | 3.26 | cps |
| Selenium | 77-2 | 127 | 140 | 130 | 132 | 5.25 | cps |
| Selenium | 78-2 | 573 | 513 | 500 | 529 | 7.39 | cps |
| Silicon | 28-1 | 9715548 | 10517441 | 11556231 | 10596407 | 8.71 | cps |
| Silver | 107-1 | 3297 | 3024 | 3147 | 3156 | 4.34 | cps |
| Silver | 109-1 | 3107 | 3104 | 2910 | 3040 | 3.70 | cps |
| Sodium | 23-2 | 161037 | 162508 | 159699 | 161081 | 0.87 | cps |
| Strontium | 86-1 | 382389 | 381360 | 382516 | 382088 | 0.17 | cps |
| Strontium | 88-1 | 3449628 | 3413327 | 3398716 | 3420557 | 0.77 | cps |
| Sulfur | 34-1 | 215255 | 215227 | 214883 | 215122 | 0.10 | cps |
| Terbium | 159-1 | 17537962 | 17299062 | 17426915 | 17421313 | 0.69 | cps |
| Terbium | 159-2 | 11460335 | 11596394 | 12379507 | 11812079 | 4.20 | cps |
| Thallium | 203-1 | 4334 | 4377 | 4177 | 4296 | 2.45 | cps |
| Thallium | 205-1 | 9400 | 10007 | 9930 | 9779 | 3.38 | cps |
| Tin | 118-1 | 25402 | 26174 | 25563 | 25713 | 1.58 | cps |
| Titanium | 47-1 | 247724 | 257036 | 250407 | 251722 | 1.90 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2922 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:22:41 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 56543 | 56359 | 56580 | 56494 | 0.21 | cps |
| Vanadium | 51-2 | 188866 | 188909 | 186679 | 188151 | 0.68 | cps |
| Yttrium | 89-1 | 21161886 | 20855442 | 20718244 | 20911857 | 1.09 | cps |
| Yttrium | 89-2 | 5439342 | 5609159 | 5769816 | 5606105 | 2.95 | cps |
| Zinc | 66-2 | 155971 | 154755 | 153842 | 154856 | 0.69 | cps |
| Zirconium | 90-1 | 48035 | 49072 | 53768 | 50292 | 6.07 | cps |
| Zirconium | 91-1 | 10931 | 10657 | 10941 | 10843 | 1.48 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2924 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:25:49 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4197626 | 4203754 | 4194739 | 4198706 | 0.11 | cps |
| Antimony | 121-1 | 8826 | 8513 | 8092 | 8477 | 4.34 | cps |
| Arsenic | 75-2 | 10487 | 10364 | 9940 | 10264 | 2.80 | cps |
| Barium | 135-1 | 483487 | 491790 | 488854 | 488044 | 0.86 | cps |
| Barium | 137-1 | 842881 | 852989 | 839627 | 845165 | 0.82 | cps |
| Beryllium | 9-1 | 1617 | 1440 | 1573 | 1543 | 5.97 | cps |
| Bismuth | 209-1 | 10390932 | 10159378 | 10208931 | 10253080 | 1.19 | cps |
| Bismuth | 209-2 | 8429401 | 8348026 | 8392585 | 8390004 | 0.49 | cps |
| Bromine | 81-1 | 17183 | 17163 | 17757 | 17368 | 1.94 | cps |
| Bromine | 81-2 | 730 | 820 | 823 | 791 | 6.69 | cps |
| Cadmium | 108-1 | 223 | 190 | 223 | 212 | 9.07 | cps |
| Cadmium | 106-1 | 5191 | 5328 | 5308 | 5275 | 1.40 | cps |
| Cadmium | 111-1 | 2820 | 2900 | 3002 | 2907 | 3.13 | cps |
| Calcium | 43-1 | 2250946 | 2249649 | 2183339 | 2227978 | 1.74 | cps |
| Calcium | 44-1 | 35346497 | 36071628 | 35358152 | 35592092 | 1.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 208737 | 206966 | 206960 | 207554 | 0.49 | cps |
| Cobalt | 59-2 | 142344 | 142485 | 142330 | 142386 | 0.06 | cps |
| Copper | 63-2 | 202808 | 200642 | 200646 | 201365 | 0.62 | cps |
| Dysprosium | 156-1 | 57812 | 58505 | 58260 | 58192 | 0.60 | cps |
| Dysprosium | 156-2 | 47925 | 47483 | 48386 | 47931 | 0.94 | cps |
| Erbium | 164-1 | 49059 | 50250 | 50116 | 49808 | 1.31 | cps |
| Erbium | 164-2 | 35502 | 35405 | 35104 | 35337 | 0.59 | cps |
| Gadolinium | 160-1 | 57072 | 58076 | 59164 | 58104 | 1.80 | cps |
| Gadolinium | 160-2 | 43173 | 43447 | 43895 | 43505 | 0.84 | cps |
| Holmium | 165-1 | 17228319 | 16849709 | 16687121 | 16921716 | 1.64 | cps |
| Holmium | 165-2 | 11811701 | 11882177 | 11764082 | 11819320 | 0.50 | cps |
| Indium | 115-1 | 13733600 | 13305789 | 13059093 | 13366161 | 2.55 | cps |
| Indium | 115-2 | 4813018 | 4806628 | 4785286 | 4801644 | 0.30 | cps |
| Iron | 56-2 | 197101404 | 197098184 | 197090097 | 197096562 | 0.00 | cps |
| Iron | 57-2 | 4887743 | 4991294 | 4900056 | 4926364 | 1.15 | cps |
| Iron | 54-2 | 10797822 | 10651336 | 10714105 | 10721088 | 0.69 | cps |
| Krypton | 83-1 | 263 | 297 | 280 | 280 | 5.95 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2924 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:25:49 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 436290 | 443390 | 447765 | 442482 | 1.31 | cps |
| Lead | 207-1 | 353256 | 361818 | 359980 | 358352 | 1.26 | cps |
| Lead | 208-1 | 1667274 | 1697228 | 1687299 | 1683934 | 0.91 | cps |
| Lithium | 6-1 | 2077423 | 2038756 | 2029510 | 2048563 | 1.24 | cps |
| Magnesium | 24-2 | 12563179 | 12363365 | 12452972 | 12459839 | 0.80 | cps |
| Manganese | 55-2 | 3653083 | 3654058 | 3645205 | 3650782 | 0.13 | cps |
| Molybdenum | 94-1 | 28775 | 29847 | 36624 | 31749 | 13.41 | cps |
| Molybdenum | 95-1 | 19420 | 19526 | 19506 | 19484 | 0.29 | cps |
| Molybdenum | 96-1 | 25893 | 25863 | 26785 | 26180 | 2.00 | cps |
| Molybdenum | 97-1 | 12586 | 12435 | 12355 | 12459 | 0.94 | cps |
| Molybdenum | 98-1 | 31858 | 31648 | 31086 | 31531 | 1.27 | cps |
| Neodymium | 150-1 | 89183 | 88623 | 88620 | 88808 | 0.37 | cps |
| Neodymium | 150-2 | 53675 | 53946 | 53317 | 53646 | 0.59 | cps |
| Nickel | 60-2 | 93888 | 94542 | 92553 | 93661 | 1.08 | cps |
| Phosphorus | 31-2 | 10437 | 10767 | 11031 | 10745 | 2.77 | cps |
| Potassium | 39-2 | 1347884 | 1306480 | 1316088 | 1323484 | 1.64 | cps |
| Rhodium | 103-1 | 12372348 | 11973989 | 11794836 | 12047058 | 2.45 | cps |
| Rhodium | 103-2 | 7107164 | 7190292 | 7039124 | 7112193 | 1.06 | cps |
| Scandium | 45-1 | 7102099 | 6878043 | 6753403 | 6911182 | 2.56 | cps |
| Scandium | 45-2 | 586835 | 584510 | 583164 | 584836 | 0.32 | cps |
| Selenium | 82-1 | 384 | 345 | 332 | 354 | 7.74 | cps |
| Selenium | 77-2 | 180 | 183 | 143 | 169 | 13.14 | cps |
| Selenium | 78-2 | 487 | 477 | 533 | 499 | 6.06 | cps |
| Silicon | 28-1 | 10269826 | 10450035 | 11803153 | 10841004 | 7.73 | cps |
| Silver | 107-1 | 2247 | 2407 | 2384 | 2346 | 3.69 | cps |
| Silver | 109-1 | 2274 | 2130 | 2157 | 2187 | 3.49 | cps |
| Sodium | 23-2 | 165730 | 164171 | 170075 | 166659 | 1.84 | cps |
| Strontium | 86-1 | 347511 | 350741 | 349057 | 349103 | 0.46 | cps |
| Strontium | 88-1 | 3086164 | 3117516 | 3145816 | 3116499 | 0.96 | cps |
| Sulfur | 34-1 | 232373 | 230804 | 231315 | 231497 | 0.35 | cps |
| Terbium | 159-1 | 17445110 | 17232028 | 17327622 | 17334920 | 0.62 | cps |
| Terbium | 159-2 | 11617968 | 11618626 | 11489627 | 11575407 | 0.64 | cps |
| Thallium | 203-1 | 4534 | 4311 | 4514 | 4453 | 2.78 | cps |
| Thallium | 205-1 | 10634 | 10814 | 10221 | 10556 | 2.88 | cps |
| Tin | 118-1 | 16913 | 16730 | 16767 | 16803 | 0.58 | cps |
| Titanium | 47-1 | 243362 | 246801 | 246477 | 245547 | 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 : | P5352-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2924 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:25:49 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 56303 | 55378 | 55934 | 55872 | 0.83 | cps |
| Vanadium | 51-2 | 203752 | 203552 | 204141 | 203815 | 0.15 | cps |
| Yttrium | 89-1 | 21127636 | 20638543 | 20543894 | 20770025 | 1.51 | cps |
| Yttrium | 89-2 | 5496089 | 5480504 | 5514070 | 5496888 | 0.31 | cps |
| Zinc | 66-2 | 131677 | 132242 | 129892 | 131270 | 0.93 | cps |
| Zirconium | 90-1 | 50938 | 49746 | 49045 | 49910 | 1.92 | cps |
| Zirconium | 91-1 | 10867 | 10681 | 10827 | 10792 | 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 : | P5352-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2925 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:28:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6250812 | 6174701 | 6166952 | 6197488 | 0.75 | cps |
| Antimony | 121-1 | 7075 | 7352 | 7372 | 7266 | 2.28 | cps |
| Arsenic | 75-2 | 9943 | 9930 | 9980 | 9951 | 0.26 | cps |
| Barium | 135-1 | 755838 | 761535 | 759811 | 759061 | 0.38 | cps |
| Barium | 137-1 | 1305780 | 1321345 | 1316226 | 1314450 | 0.60 | cps |
| Beryllium | 9-1 | 2037 | 2280 | 2114 | 2144 | 5.80 | cps |
| Bismuth | 209-1 | 9987325 | 9982975 | 9944140 | 9971480 | 0.24 | cps |
| Bismuth | 209-2 | 8261823 | 8352105 | 8333021 | 8315650 | 0.57 | cps |
| Bromine | 81-1 | 15869 | 15552 | 16056 | 15825 | 1.61 | cps |
| Bromine | 81-2 | 607 | 567 | 540 | 571 | 5.88 | cps |
| Cadmium | 108-1 | 387 | 413 | 400 | 400 | 3.33 | cps |
| Cadmium | 106-1 | 5711 | 5534 | 5578 | 5608 | 1.64 | cps |
| Cadmium | 111-1 | 3784 | 3752 | 3774 | 3770 | 0.44 | cps |
| Calcium | 43-1 | 2781567 | 2749067 | 2747757 | 2759464 | 0.69 | cps |
| Calcium | 44-1 | 44283333 | 44028689 | 43931286 | 44081103 | 0.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 219440 | 217762 | 217376 | 218193 | 0.50 | cps |
| Cobalt | 59-2 | 213510 | 210829 | 210931 | 211757 | 0.72 | cps |
| Copper | 63-2 | 280962 | 283913 | 280927 | 281934 | 0.61 | cps |
| Dysprosium | 156-1 | 76762 | 76765 | 75568 | 76365 | 0.90 | cps |
| Dysprosium | 156-2 | 61906 | 62702 | 61745 | 62118 | 0.83 | cps |
| Erbium | 164-1 | 65395 | 65908 | 65302 | 65535 | 0.50 | cps |
| Erbium | 164-2 | 46102 | 46480 | 47249 | 46611 | 1.25 | cps |
| Gadolinium | 160-1 | 77536 | 78002 | 78103 | 77880 | 0.39 | cps |
| Gadolinium | 160-2 | 58602 | 57270 | 57775 | 57882 | 1.16 | cps |
| Holmium | 165-1 | 16850834 | 16692154 | 16495366 | 16679451 | 1.07 | cps |
| Holmium | 165-2 | 11762195 | 11825903 | 11856156 | 11814751 | 0.41 | cps |
| Indium | 115-1 | 13108688 | 12957180 | 12946499 | 13004122 | 0.70 | cps |
| Indium | 115-2 | 4785576 | 4780408 | 4739831 | 4768605 | 0.53 | cps |
| Iron | 56-2 | 239505143 | 238479036 | 241404816 | 239796332 | 0.62 | cps |
| Iron | 57-2 | 5950696 | 5980199 | 5954484 | 5961793 | 0.27 | cps |
| Iron | 54-2 | 12998671 | 13061379 | 13014158 | 13024736 | 0.25 | cps |
| Krypton | 83-1 | 283 | 350 | 333 | 322 | 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 : | P5352-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2925 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:28:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 503263 | 509285 | 506966 | 506505 | 0.60 | cps |
| Lead | 207-1 | 411637 | 412783 | 412494 | 412305 | 0.14 | cps |
| Lead | 208-1 | 1919278 | 1941639 | 1943835 | 1934918 | 0.70 | cps |
| Lithium | 6-1 | 2018657 | 2035081 | 1993104 | 2015614 | 1.05 | cps |
| Magnesium | 24-2 | 13109647 | 13121177 | 13244931 | 13158585 | 0.57 | cps |
| Manganese | 55-2 | 4145514 | 4114112 | 4084582 | 4114736 | 0.74 | cps |
| Molybdenum | 94-1 | 96566 | 99354 | 96136 | 97352 | 1.79 | cps |
| Molybdenum | 95-1 | 26046 | 26026 | 25996 | 26023 | 0.10 | cps |
| Molybdenum | 96-1 | 44604 | 45066 | 44534 | 44735 | 0.65 | cps |
| Molybdenum | 97-1 | 16036 | 16489 | 16369 | 16298 | 1.44 | cps |
| Molybdenum | 98-1 | 42060 | 42177 | 42488 | 42242 | 0.52 | cps |
| Neodymium | 150-1 | 114715 | 114987 | 114318 | 114673 | 0.29 | cps |
| Neodymium | 150-2 | 70270 | 69513 | 69165 | 69650 | 0.81 | cps |
| Nickel | 60-2 | 143505 | 141361 | 143815 | 142894 | 0.93 | cps |
| Phosphorus | 31-2 | 11728 | 11271 | 11298 | 11432 | 2.24 | cps |
| Potassium | 39-2 | 1819234 | 1779444 | 1795291 | 1797990 | 1.11 | cps |
| Rhodium | 103-1 | 11875070 | 11780660 | 11603368 | 11753032 | 1.17 | cps |
| Rhodium | 103-2 | 6973699 | 7032457 | 6971225 | 6992460 | 0.50 | cps |
| Scandium | 45-1 | 6964089 | 6861086 | 6747194 | 6857456 | 1.58 | cps |
| Scandium | 45-2 | 579771 | 581215 | 582154 | 581047 | 0.21 | cps |
| Selenium | 82-1 | 340 | 242 | 221 | 268 | 23.78 | cps |
| Selenium | 77-2 | 197 | 227 | 177 | 200 | 12.58 | cps |
| Selenium | 78-2 | 507 | 577 | 487 | 523 | 9.03 | cps |
| Silicon | 28-1 | 10117788 | 10182022 | 10105056 | 10134955 | 0.41 | cps |
| Silver | 107-1 | 2334 | 2467 | 2324 | 2375 | 3.37 | cps |
| Silver | 109-1 | 1947 | 1950 | 2177 | 2025 | 6.51 | cps |
| Sodium | 23-2 | 211133 | 215061 | 209858 | 212017 | 1.28 | cps |
| Strontium | 86-1 | 489178 | 490269 | 487253 | 488900 | 0.31 | cps |
| Strontium | 88-1 | 4420330 | 4386948 | 4360443 | 4389240 | 0.68 | cps |
| Sulfur | 34-1 | 241113 | 242677 | 243243 | 242344 | 0.46 | cps |
| Terbium | 159-1 | 16895770 | 16927390 | 16866403 | 16896521 | 0.18 | cps |
| Terbium | 159-2 | 11464316 | 11607340 | 11537546 | 11536401 | 0.62 | cps |
| Thallium | 203-1 | 4217 | 4477 | 4434 | 4376 | 3.18 | cps |
| Thallium | 205-1 | 10211 | 10034 | 10491 | 10245 | 2.25 | cps |
| Tin | 118-1 | 16750 | 16987 | 17294 | 17010 | 1.60 | cps |
| Titanium | 47-1 | 327538 | 328887 | 322643 | 326356 | 1.01 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2925 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:28:59 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 76493 | 76881 | 77706 | 77026 | 0.80 | cps |
| Vanadium | 51-2 | 224325 | 225235 | 222989 | 224183 | 0.50 | cps |
| Yttrium | 89-1 | 20560653 | 20226054 | 20285687 | 20357465 | 0.88 | cps |
| Yttrium | 89-2 | 5509538 | 5492845 | 5482737 | 5495040 | 0.25 | cps |
| Zinc | 66-2 | 204702 | 200962 | 200827 | 202164 | 1.09 | cps |
| Zirconium | 90-1 | 224434 | 225944 | 226954 | 225777 | 0.56 | cps |
| Zirconium | 91-1 | 50216 | 50062 | 50303 | 50193 | 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 : | P5363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:32:11 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2807800 | 2835989 | 2821745 | 2821845 | 0.50 | cps |
| Antimony | 121-1 | 3177599 | 3334694 | 3360451 | 3290915 | 3.01 | cps |
| Arsenic | 75-2 | 332467 | 331193 | 334527 | 332729 | 0.51 | cps |
| Barium | 135-1 | 271342 | 288208 | 288981 | 282844 | 3.52 | cps |
| Barium | 137-1 | 473277 | 496473 | 506141 | 491964 | 3.43 | cps |
| Beryllium | 9-1 | 513 | 487 | 520 | 507 | 3.48 | cps |
| Bismuth | 209-1 | 11053190 | 10348350 | 10460007 | 10620516 | 3.57 | cps |
| Bismuth | 209-2 | 8506093 | 8567884 | 8524075 | 8532684 | 0.37 | cps |
| Bromine | 81-1 | 26895 | 29710 | 30585 | 29063 | 6.64 | cps |
| Bromine | 81-2 | 3297 | 3310 | 3340 | 3316 | 0.67 | cps |
| Cadmium | 108-1 | 333 | 423 | 420 | 392 | 13.01 | cps |
| Cadmium | 106-1 | 5658 | 5551 | 5514 | 5574 | 1.34 | cps |
| Cadmium | 111-1 | 3994 | 4106 | 4088 | 4063 | 1.47 | cps |
| Calcium | 43-1 | 177921 | 189065 | 190665 | 185884 | 3.73 | cps |
| Calcium | 44-1 | 2820578 | 2981540 | 2976447 | 2926188 | 3.13 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 166332 | 167801 | 166416 | 166850 | 0.49 | cps |
| Cobalt | 59-2 | 319610 | 320050 | 320124 | 319928 | 0.09 | cps |
| Copper | 63-2 | 1078970 | 1081119 | 1082218 | 1080769 | 0.15 | cps |
| Dysprosium | 156-1 | 27535 | 23006 | 23176 | 24572 | 10.45 | cps |
| Dysprosium | 156-2 | 19660 | 19507 | 19717 | 19628 | 0.55 | cps |
| Erbium | 164-1 | 22535 | 23093 | 23550 | 23059 | 2.20 | cps |
| Erbium | 164-2 | 17041 | 16724 | 16503 | 16756 | 1.61 | cps |
| Gadolinium | 160-1 | 23072 | 23757 | 25016 | 23948 | 4.12 | cps |
| Gadolinium | 160-2 | 19003 | 18609 | 18843 | 18818 | 1.05 | cps |
| Holmium | 165-1 | 18038592 | 17097852 | 16915915 | 17350787 | 3.47 | cps |
| Holmium | 165-2 | 11880671 | 11849332 | 11836445 | 11855483 | 0.19 | cps |
| Indium | 115-1 | 14565574 | 13763205 | 13711628 | 14013469 | 3.42 | cps |
| Indium | 115-2 | 5144326 | 5134707 | 5017832 | 5098955 | 1.38 | cps |
| Iron | 56-2 | 182454437 | 184115644 | 183161751 | 183243944 | 0.45 | cps |
| Iron | 57-2 | 4524297 | 4569685 | 4511692 | 4535225 | 0.67 | cps |
| Iron | 54-2 | 9967177 | 9976715 | 10021746 | 9988546 | 0.29 | cps |
| Krypton | 83-1 | 283 | 240 | 267 | 263 | 8.30 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:32:11 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4342760 | 4538699 | 4639530 | 4506997 | 3.35 | cps |
| Lead | 207-1 | 3844267 | 4008015 | 3999410 | 3950564 | 2.33 | cps |
| Lead | 208-1 | 17260331 | 18038780 | 18298850 | 17865987 | 3.02 | cps |
| Lithium | 6-1 | 2124318 | 2066741 | 2016171 | 2069077 | 2.62 | cps |
| Magnesium | 24-2 | 3449707 | 3440819 | 3400752 | 3430426 | 0.76 | cps |
| Manganese | 55-2 | 5603618 | 5625704 | 5604005 | 5611109 | 0.23 | cps |
| Molybdenum | 94-1 | 47370 | 49771 | 50721 | 49287 | 3.50 | cps |
| Molybdenum | 95-1 | 49306 | 52380 | 53246 | 51644 | 4.01 | cps |
| Molybdenum | 96-1 | 58634 | 61294 | 62704 | 60877 | 3.40 | cps |
| Molybdenum | 97-1 | 30512 | 33021 | 34010 | 32514 | 5.55 | cps |
| Molybdenum | 98-1 | 79300 | 84690 | 85139 | 83043 | 3.91 | cps |
| Neodymium | 150-1 | 31783 | 34465 | 33493 | 33247 | 4.09 | cps |
| Neodymium | 150-2 | 21186 | 21847 | 21256 | 21430 | 1.69 | cps |
| Nickel | 60-2 | 94968 | 97028 | 96521 | 96172 | 1.12 | cps |
| Phosphorus | 31-2 | 13960 | 14080 | 13987 | 14009 | 0.45 | cps |
| Potassium | 39-2 | 1334007 | 1308177 | 1318531 | 1320238 | 0.98 | cps |
| Rhodium | 103-1 | 13163786 | 12485110 | 12352785 | 12667227 | 3.43 | cps |
| Rhodium | 103-2 | 7457853 | 7476661 | 7428904 | 7454473 | 0.32 | cps |
| Scandium | 45-1 | 7455714 | 6974488 | 7056708 | 7162303 | 3.59 | cps |
| Scandium | 45-2 | 618150 | 626051 | 618720 | 620973 | 0.71 | cps |
| Selenium | 82-1 | 217 | 229 | 245 | 230 | 6.08 | cps |
| Selenium | 77-2 | 77 | 80 | 37 | 64 | 37.42 | cps |
| Selenium | 78-2 | 557 | 513 | 567 | 546 | 5.20 | cps |
| Silicon | 28-1 | 9756704 | 10823784 | 10688851 | 10423113 | 5.57 | cps |
| Silver | 107-1 | 9653 | 10234 | 10437 | 10108 | 4.02 | cps |
| Silver | 109-1 | 8976 | 9817 | 9456 | 9416 | 4.48 | cps |
| Sodium | 23-2 | 5349848 | 5330898 | 5381716 | 5354154 | 0.48 | cps |
| Strontium | 86-1 | 215046 | 229139 | 231074 | 225086 | 3.89 | cps |
| Strontium | 88-1 | 1938875 | 2085485 | 2090618 | 2038326 | 4.23 | cps |
| Sulfur | 34-1 | 237339 | 240415 | 239664 | 239139 | 0.67 | cps |
| Terbium | 159-1 | 18441736 | 17459568 | 17231258 | 17710854 | 3.63 | cps |
| Terbium | 159-2 | 11894197 | 11850559 | 11784952 | 11843236 | 0.46 | cps |
| Thallium | 203-1 | 3821 | 3997 | 4124 | 3981 | 3.83 | cps |
| Thallium | 205-1 | 9333 | 9960 | 9810 | 9701 | 3.38 | cps |
| Tin | 118-1 | 421971 | 448145 | 449605 | 439907 | 3.53 | cps |
| Titanium | 47-1 | 431019 | 457773 | 468343 | 452378 | 4.25 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:32:11 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25127 | 26994 | 26994 | 26372 | 4.09 | cps |
| Vanadium | 51-2 | 172614 | 175046 | 174108 | 173923 | 0.70 | cps |
| Yttrium | 89-1 | 21704581 | 20815991 | 20501134 | 21007235 | 2.97 | cps |
| Yttrium | 89-2 | 5616675 | 5645969 | 5640785 | 5634477 | 0.28 | cps |
| Zinc | 66-2 | 1668676 | 1691842 | 1723509 | 1694676 | 1.62 | cps |
| Zirconium | 90-1 | 54274 | 58353 | 57351 | 56659 | 3.75 | cps |
| Zirconium | 91-1 | 12639 | 13276 | 13383 | 13099 | 3.07 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:35:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5549743 | 5526770 | 5500378 | 5525630 | 0.45 | cps |
| Antimony | 121-1 | 18394443 | 18457999 | 18613200 | 18488548 | 0.61 | cps |
| Arsenic | 75-2 | 2109054 | 2060788 | 2090179 | 2086674 | 1.17 | cps |
| Barium | 135-1 | 980156 | 994576 | 990775 | 988502 | 0.76 | cps |
| Barium | 137-1 | 1775760 | 1786156 | 1791387 | 1784434 | 0.45 | cps |
| Beryllium | 9-1 | 1110 | 1063 | 927 | 1033 | 9.22 | cps |
| Bismuth | 209-1 | 10225248 | 10114882 | 10221002 | 10187044 | 0.61 | cps |
| Bismuth | 209-2 | 8652838 | 8698625 | 8708032 | 8686498 | 0.34 | cps |
| Bromine | 81-1 | 45858 | 46871 | 48613 | 47114 | 2.96 | cps |
| Bromine | 81-2 | 6922 | 6752 | 6535 | 6736 | 2.88 | cps |
| Cadmium | 108-1 | 1893 | 1950 | 1967 | 1937 | 1.99 | cps |
| Cadmium | 106-1 | 8012 | 7959 | 7569 | 7847 | 3.09 | cps |
| Cadmium | 111-1 | 16385 | 16130 | 16736 | 16417 | 1.85 | cps |
| Calcium | 43-1 | 638654 | 644707 | 643705 | 642356 | 0.51 | cps |
| Calcium | 44-1 | 9953383 | 10072632 | 9878427 | 9968147 | 0.98 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 282123 | 281081 | 278959 | 280721 | 0.57 | cps |
| Cobalt | 59-2 | 1108186 | 1099037 | 1103353 | 1103525 | 0.41 | cps |
| Copper | 63-2 | 6451515 | 6374518 | 6481850 | 6435961 | 0.86 | cps |
| Dysprosium | 156-1 | 37132 | 36307 | 36822 | 36754 | 1.13 | cps |
| Dysprosium | 156-2 | 31479 | 30777 | 31459 | 31238 | 1.28 | cps |
| Erbium | 164-1 | 36905 | 37330 | 37838 | 37358 | 1.25 | cps |
| Erbium | 164-2 | 27103 | 26619 | 26375 | 26699 | 1.39 | cps |
| Gadolinium | 160-1 | 36561 | 37059 | 37176 | 36932 | 0.88 | cps |
| Gadolinium | 160-2 | 28446 | 28112 | 28406 | 28321 | 0.64 | cps |
| Holmium | 165-1 | 16865379 | 16544682 | 16730871 | 16713644 | 0.96 | cps |
| Holmium | 165-2 | 12065525 | 12203236 | 12003056 | 12090606 | 0.85 | cps |
| Indium | 115-1 | 14938737 | 14885381 | 15066265 | 14963461 | 0.62 | cps |
| Indium | 115-2 | 5645950 | 5643612 | 5627898 | 5639153 | 0.17 | cps |
| Iron | 56-2 | 518968286 | 515643286 | 516839646 | 517150406 | 0.33 | cps |
| Iron | 57-2 | 12859429 | 12791776 | 12676695 | 12775967 | 0.72 | cps |
| Iron | 54-2 | 28223860 | 28062872 | 28173167 | 28153300 | 0.29 | cps |
| Krypton | 83-1 | 220 | 280 | 260 | 253 | 12.06 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:35:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23822838 | 23813585 | 24110794 | 23915739 | 0.71 | cps |
| Lead | 207-1 | 20682141 | 20800032 | 21051531 | 20844568 | 0.91 | cps |
| Lead | 208-1 | 94874457 | 94645297 | 95778794 | 95099516 | 0.63 | cps |
| Lithium | 6-1 | 1999457 | 2005297 | 1985326 | 1996693 | 0.51 | cps |
| Magnesium | 24-2 | 5091297 | 5025920 | 5030019 | 5049079 | 0.73 | cps |
| Manganese | 55-2 | 5716987 | 5666578 | 5727171 | 5703579 | 0.57 | cps |
| Molybdenum | 94-1 | 210527 | 212344 | 212434 | 211768 | 0.51 | cps |
| Molybdenum | 95-1 | 259129 | 263683 | 262126 | 261646 | 0.88 | cps |
| Molybdenum | 96-1 | 295237 | 297414 | 296924 | 296525 | 0.39 | cps |
| Molybdenum | 97-1 | 162630 | 164076 | 163385 | 163364 | 0.44 | cps |
| Molybdenum | 98-1 | 417174 | 422337 | 423489 | 421000 | 0.80 | cps |
| Neodymium | 150-1 | 53825 | 54414 | 53749 | 53996 | 0.67 | cps |
| Neodymium | 150-2 | 33353 | 32233 | 33433 | 33006 | 2.03 | cps |
| Nickel | 60-2 | 149637 | 149796 | 150833 | 150089 | 0.43 | cps |
| Phosphorus | 31-2 | 17570 | 17116 | 17173 | 17287 | 1.43 | cps |
| Potassium | 39-2 | 3033775 | 2996631 | 2961161 | 2997189 | 1.21 | cps |
| Rhodium | 103-1 | 12295150 | 12245234 | 12259253 | 12266546 | 0.21 | cps |
| Rhodium | 103-2 | 7519348 | 7453607 | 7422272 | 7465076 | 0.66 | cps |
| Scandium | 45-1 | 7145192 | 7200407 | 7163256 | 7169618 | 0.39 | cps |
| Scandium | 45-2 | 636761 | 635164 | 631912 | 634613 | 0.39 | cps |
| Selenium | 82-1 | 726 | 611 | 706 | 681 | 9.06 | cps |
| Selenium | 77-2 | 110 | 147 | 170 | 142 | 21.27 | cps |
| Selenium | 78-2 | 723 | 647 | 697 | 689 | 5.65 | cps |
| Silicon | 28-1 | 33225824 | 33095983 | 33416322 | 33246043 | 0.48 | cps |
| Silver | 107-1 | 63428 | 64767 | 64870 | 64355 | 1.25 | cps |
| Silver | 109-1 | 60813 | 62480 | 62353 | 61882 | 1.50 | cps |
| Sodium | 23-2 | 10840636 | 10681845 | 10790172 | 10770885 | 0.75 | cps |
| Strontium | 86-1 | 542430 | 551338 | 544986 | 546251 | 0.84 | cps |
| Strontium | 88-1 | 4882582 | 4854651 | 4903165 | 4880133 | 0.50 | cps |
| Sulfur | 34-1 | 314236 | 312154 | 314433 | 313608 | 0.40 | cps |
| Terbium | 159-1 | 17051919 | 17066716 | 17133317 | 17083984 | 0.25 | cps |
| Terbium | 159-2 | 12018594 | 11903172 | 11730142 | 11883969 | 1.22 | cps |
| Thallium | 203-1 | 14561 | 14838 | 14718 | 14706 | 0.94 | cps |
| Thallium | 205-1 | 34922 | 35533 | 35089 | 35181 | 0.90 | cps |
| Tin | 118-1 | 3492901 | 3501099 | 3499492 | 3497831 | 0.12 | cps |
| Titanium | 47-1 | 935530 | 944588 | 948544 | 942888 | 0.71 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:35:18 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 127163 | 127687 | 127361 | 127403 | 0.21 | cps |
| Vanadium | 51-2 | 291019 | 289504 | 287083 | 289202 | 0.69 | cps |
| Yttrium | 89-1 | 20587453 | 20670528 | 21116502 | 20791494 | 1.37 | cps |
| Yttrium | 89-2 | 5783526 | 5746178 | 5718302 | 5749335 | 0.57 | cps |
| Zinc | 66-2 | 9324895 | 9189723 | 9258470 | 9257696 | 0.73 | cps |
| Zirconium | 90-1 | 168727 | 169556 | 172146 | 170143 | 1.05 | cps |
| Zirconium | 91-1 | 40038 | 41207 | 41626 | 40957 | 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 : | P5363-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:38:19 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2500850 | 2463319 | 2500156 | 2488108 | 0.86 | cps |
| Antimony | 121-1 | 1692043 | 1707749 | 1718357 | 1706050 | 0.78 | cps |
| Arsenic | 75-2 | 280063 | 279847 | 277632 | 279181 | 0.48 | cps |
| Barium | 135-1 | 1670365 | 1697908 | 1667713 | 1678662 | 1.00 | cps |
| Barium | 137-1 | 2878538 | 2905088 | 2919994 | 2901207 | 0.72 | cps |
| Beryllium | 9-1 | 15324 | 15084 | 15641 | 15350 | 1.82 | cps |
| Bismuth | 209-1 | 10221793 | 10192906 | 10097649 | 10170783 | 0.64 | cps |
| Bismuth | 209-2 | 8274726 | 8034847 | 8193455 | 8167676 | 1.49 | cps |
| Bromine | 81-1 | 52041 | 53814 | 55734 | 53863 | 3.43 | cps |
| Bromine | 81-2 | 8426 | 8372 | 8296 | 8365 | 0.78 | cps |
| Cadmium | 108-1 | 22531 | 22661 | 22431 | 22541 | 0.51 | cps |
| Cadmium | 106-1 | 35453 | 35704 | 36108 | 35755 | 0.92 | cps |
| Cadmium | 111-1 | 330013 | 327628 | 330308 | 329316 | 0.45 | cps |
| Calcium | 43-1 | 913184 | 914924 | 917027 | 915045 | 0.21 | cps |
| Calcium | 44-1 | 14432906 | 14400419 | 14348008 | 14393778 | 0.30 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 337659 | 337057 | 333194 | 335970 | 0.72 | cps |
| Cobalt | 59-2 | 1043851 | 1039059 | 1036751 | 1039887 | 0.35 | cps |
| Copper | 63-2 | 3075772 | 3067931 | 3033292 | 3058998 | 0.74 | cps |
| Dysprosium | 156-1 | 26074 | 26044 | 26054 | 26057 | 0.06 | cps |
| Dysprosium | 156-2 | 21734 | 21383 | 22041 | 21719 | 1.52 | cps |
| Erbium | 164-1 | 23313 | 22886 | 22488 | 22896 | 1.80 | cps |
| Erbium | 164-2 | 16486 | 16263 | 16203 | 16317 | 0.92 | cps |
| Gadolinium | 160-1 | 25346 | 25800 | 25644 | 25597 | 0.90 | cps |
| Gadolinium | 160-2 | 19931 | 20061 | 19634 | 19875 | 1.10 | cps |
| Holmium | 165-1 | 16377595 | 16172363 | 16686587 | 16412182 | 1.58 | cps |
| Holmium | 165-2 | 11602237 | 11250029 | 11572423 | 11474896 | 1.70 | cps |
| Indium | 115-1 | 13303175 | 13370054 | 13346314 | 13339847 | 0.25 | cps |
| Indium | 115-2 | 4938357 | 4758352 | 4885677 | 4860795 | 1.90 | cps |
| Iron | 56-2 | 146417764 | 147053928 | 145595081 | 146355591 | 0.50 | cps |
| Iron | 57-2 | 3595562 | 3638482 | 3612445 | 3615496 | 0.60 | cps |
| Iron | 54-2 | 7918975 | 7979614 | 7906500 | 7935030 | 0.49 | cps |
| Krypton | 83-1 | 280 | 267 | 280 | 276 | 2.79 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:38:19 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5536483 | 5561675 | 5544484 | 5547547 | 0.23 | cps |
| Lead | 207-1 | 4759470 | 4797206 | 4674867 | 4743848 | 1.32 | cps |
| Lead | 208-1 | 21841052 | 21898320 | 21569869 | 21769747 | 0.81 | cps |
| Lithium | 6-1 | 1977997 | 1977847 | 1986129 | 1980658 | 0.24 | cps |
| Magnesium | 24-2 | 2464051 | 2444479 | 2416410 | 2441646 | 0.98 | cps |
| Manganese | 55-2 | 1544560 | 1543983 | 1523803 | 1537448 | 0.77 | cps |
| Molybdenum | 94-1 | 57650 | 57081 | 56840 | 57190 | 0.73 | cps |
| Molybdenum | 95-1 | 55317 | 56455 | 55187 | 55653 | 1.25 | cps |
| Molybdenum | 96-1 | 65221 | 65610 | 66426 | 65752 | 0.94 | cps |
| Molybdenum | 97-1 | 34564 | 34681 | 34795 | 34680 | 0.33 | cps |
| Molybdenum | 98-1 | 89415 | 90303 | 91299 | 90339 | 1.04 | cps |
| Neodymium | 150-1 | 41882 | 41812 | 43333 | 42342 | 2.03 | cps |
| Neodymium | 150-2 | 26051 | 26131 | 25009 | 25730 | 2.43 | cps |
| Nickel | 60-2 | 242134 | 242232 | 241531 | 241966 | 0.16 | cps |
| Phosphorus | 31-2 | 11761 | 11991 | 12188 | 11980 | 1.78 | cps |
| Potassium | 39-2 | 1302077 | 1294676 | 1290348 | 1295700 | 0.46 | cps |
| Rhodium | 103-1 | 12167001 | 12147544 | 12156772 | 12157106 | 0.08 | cps |
| Rhodium | 103-2 | 7252945 | 6987243 | 7091812 | 7110667 | 1.88 | cps |
| Scandium | 45-1 | 7039905 | 6974403 | 6998465 | 7004258 | 0.47 | cps |
| Scandium | 45-2 | 603891 | 576073 | 588933 | 589632 | 2.36 | cps |
| Selenium | 82-1 | 45768 | 45253 | 45782 | 45601 | 0.66 | cps |
| Selenium | 77-2 | 5044 | 4908 | 4961 | 4971 | 1.39 | cps |
| Selenium | 78-2 | 16633 | 16730 | 16976 | 16780 | 1.06 | cps |
| Silicon | 28-1 | 17699950 | 9814192 | 10969143 | 12827761 | 33.20 | cps |
| Silver | 107-1 | 183852 | 184135 | 183450 | 183812 | 0.19 | cps |
| Silver | 109-1 | 174983 | 175984 | 175454 | 175474 | 0.29 | cps |
| Sodium | 23-2 | 8668929 | 8639076 | 8586438 | 8631481 | 0.48 | cps |
| Strontium | 86-1 | 847262 | 849923 | 851184 | 849456 | 0.24 | cps |
| Strontium | 88-1 | 7516139 | 7620564 | 7626586 | 7587763 | 0.82 | cps |
| Sulfur | 34-1 | 342584 | 343433 | 346207 | 344075 | 0.55 | cps |
| Terbium | 159-1 | 16838875 | 16887470 | 17024392 | 16916913 | 0.57 | cps |
| Terbium | 159-2 | 11468729 | 11028389 | 11305275 | 11267464 | 1.98 | cps |
| Thallium | 203-1 | 2330614 | 2347275 | 2365973 | 2347954 | 0.75 | cps |
| Thallium | 205-1 | 5420891 | 5586540 | 5605588 | 5537673 | 1.83 | cps |
| Tin | 118-1 | 395099 | 395853 | 397217 | 396056 | 0.27 | cps |
| Titanium | 47-1 | 778313 | 786099 | 783392 | 782601 | 0.51 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:38:19 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53768 | 53886 | 54066 | 53907 | 0.28 | cps |
| Vanadium | 51-2 | 596951 | 597507 | 599085 | 597848 | 0.19 | cps |
| Yttrium | 89-1 | 20359143 | 20300131 | 20304679 | 20321318 | 0.16 | cps |
| Yttrium | 89-2 | 5455285 | 5242739 | 5422501 | 5373509 | 2.13 | cps |
| Zinc | 66-2 | 1758092 | 1771759 | 1774825 | 1768225 | 0.50 | cps |
| Zirconium | 90-1 | 67976 | 68821 | 67340 | 68046 | 1.09 | cps |
| Zirconium | 91-1 | 15255 | 15632 | 15412 | 15433 | 1.23 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:41:20 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4418700 | 4349875 | 4419654 | 4396076 | 0.91 | cps |
| Antimony | 121-1 | 9429166 | 9364062 | 9387452 | 9393560 | 0.35 | cps |
| Arsenic | 75-2 | 1243586 | 1237322 | 1240494 | 1240467 | 0.25 | cps |
| Barium | 135-1 | 1071977 | 1080091 | 1079486 | 1077185 | 0.42 | cps |
| Barium | 137-1 | 1939922 | 1928292 | 1919227 | 1929147 | 0.54 | cps |
| Beryllium | 9-1 | 933 | 1050 | 1053 | 1012 | 6.75 | cps |
| Bismuth | 209-1 | 10434720 | 10220315 | 10060437 | 10238491 | 1.83 | cps |
| Bismuth | 209-2 | 8506322 | 8627032 | 8587489 | 8573614 | 0.72 | cps |
| Bromine | 81-1 | 48840 | 50315 | 52021 | 50392 | 3.16 | cps |
| Bromine | 81-2 | 7575 | 7732 | 7585 | 7631 | 1.15 | cps |
| Cadmium | 108-1 | 1427 | 1450 | 1353 | 1410 | 3.58 | cps |
| Cadmium | 106-1 | 7662 | 7399 | 7078 | 7380 | 3.96 | cps |
| Cadmium | 111-1 | 9722 | 9755 | 9730 | 9735 | 0.18 | cps |
| Calcium | 43-1 | 1452737 | 1474283 | 1461431 | 1462817 | 0.74 | cps |
| Calcium | 44-1 | 23471960 | 23550509 | 23338379 | 23453616 | 0.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 207497 | 207980 | 205854 | 207110 | 0.54 | cps |
| Cobalt | 59-2 | 1283197 | 1269861 | 1283782 | 1278947 | 0.62 | cps |
| Copper | 63-2 | 5525725 | 5494780 | 5468243 | 5496250 | 0.52 | cps |
| Dysprosium | 156-1 | 35378 | 36267 | 35759 | 35801 | 1.25 | cps |
| Dysprosium | 156-2 | 30169 | 29999 | 29888 | 30019 | 0.47 | cps |
| Erbium | 164-1 | 35468 | 35425 | 35064 | 35319 | 0.63 | cps |
| Erbium | 164-2 | 25173 | 25106 | 25206 | 25162 | 0.20 | cps |
| Gadolinium | 160-1 | 36016 | 35726 | 36170 | 35971 | 0.63 | cps |
| Gadolinium | 160-2 | 27050 | 26993 | 27410 | 27151 | 0.83 | cps |
| Holmium | 165-1 | 16979376 | 16492412 | 16693736 | 16721841 | 1.46 | cps |
| Holmium | 165-2 | 11955227 | 11860636 | 12004428 | 11940097 | 0.61 | cps |
| Indium | 115-1 | 14735705 | 14678981 | 14402245 | 14605644 | 1.22 | cps |
| Indium | 115-2 | 5472863 | 5356572 | 5453515 | 5427650 | 1.15 | cps |
| Iron | 56-2 | 511720366 | 508104072 | 506428739 | 508751059 | 0.53 | cps |
| Iron | 57-2 | 12552121 | 12570031 | 12587711 | 12569955 | 0.14 | cps |
| Iron | 54-2 | 27826401 | 27713597 | 27694855 | 27744951 | 0.26 | cps |
| Krypton | 83-1 | 283 | 257 | 270 | 270 | 4.94 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:41:20 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16749615 | 16800208 | 16478266 | 16676030 | 1.04 | cps |
| Lead | 207-1 | 14594446 | 14479810 | 14448139 | 14507465 | 0.53 | cps |
| Lead | 208-1 | 66623762 | 66225977 | 65705879 | 66185206 | 0.70 | cps |
| Lithium | 6-1 | 2008575 | 1995022 | 1985293 | 1996297 | 0.59 | cps |
| Magnesium | 24-2 | 4286053 | 4301851 | 4282344 | 4290082 | 0.24 | cps |
| Manganese | 55-2 | 3437844 | 3442982 | 3432690 | 3437839 | 0.15 | cps |
| Molybdenum | 94-1 | 190056 | 191545 | 190151 | 190584 | 0.44 | cps |
| Molybdenum | 95-1 | 149814 | 151962 | 150224 | 150667 | 0.76 | cps |
| Molybdenum | 96-1 | 185062 | 187424 | 185547 | 186011 | 0.67 | cps |
| Molybdenum | 97-1 | 93423 | 93892 | 95667 | 94327 | 1.25 | cps |
| Molybdenum | 98-1 | 242392 | 245625 | 246344 | 244787 | 0.86 | cps |
| Neodymium | 150-1 | 54642 | 55137 | 54448 | 54742 | 0.65 | cps |
| Neodymium | 150-2 | 32882 | 33610 | 33887 | 33460 | 1.55 | cps |
| Nickel | 60-2 | 85083 | 85300 | 85203 | 85195 | 0.13 | cps |
| Phosphorus | 31-2 | 25418 | 24977 | 25201 | 25199 | 0.87 | cps |
| Potassium | 39-2 | 2819375 | 2794257 | 2811223 | 2808285 | 0.46 | cps |
| Rhodium | 103-1 | 12535235 | 12166246 | 12437633 | 12379705 | 1.54 | cps |
| Rhodium | 103-2 | 7533823 | 7391042 | 7567404 | 7497423 | 1.25 | cps |
| Scandium | 45-1 | 7372429 | 7190107 | 7236003 | 7266179 | 1.31 | cps |
| Scandium | 45-2 | 643613 | 644228 | 640041 | 642627 | 0.35 | cps |
| Selenium | 82-1 | 553 | 591 | 544 | 563 | 4.41 | cps |
| Selenium | 77-2 | 163 | 133 | 147 | 148 | 10.17 | cps |
| Selenium | 78-2 | 553 | 633 | 547 | 578 | 8.35 | cps |
| Silicon | 28-1 | 18636176 | 18135572 | 18580128 | 18450625 | 1.49 | cps |
| Silver | 107-1 | 44475 | 44856 | 45040 | 44790 | 0.64 | cps |
| Silver | 109-1 | 42372 | 42021 | 40921 | 41771 | 1.81 | cps |
| Sodium | 23-2 | 9486559 | 9388733 | 9429026 | 9434773 | 0.52 | cps |
| Strontium | 86-1 | 1706486 | 1702670 | 1662265 | 1690473 | 1.45 | cps |
| Strontium | 88-1 | 14734371 | 14745996 | 14706558 | 14728975 | 0.14 | cps |
| Sulfur | 34-1 | 294373 | 295158 | 294665 | 294732 | 0.13 | cps |
| Terbium | 159-1 | 17543276 | 16891770 | 17257246 | 17230764 | 1.90 | cps |
| Terbium | 159-2 | 11839800 | 11832552 | 11904505 | 11858952 | 0.33 | cps |
| Thallium | 203-1 | 9233 | 8970 | 8636 | 8946 | 3.34 | cps |
| Thallium | 205-1 | 22338 | 21687 | 21120 | 21715 | 2.81 | cps |
| Tin | 118-1 | 2239840 | 2254803 | 2204384 | 2233009 | 1.16 | cps |
| Titanium | 47-1 | 1014946 | 1023550 | 1018503 | 1018999 | 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 : | P5363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:41:20 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 79729 | 80137 | 79684 | 79850 | 0.31 | cps |
| Vanadium | 51-2 | 256989 | 254653 | 254993 | 255545 | 0.49 | cps |
| Yttrium | 89-1 | 21232475 | 20800667 | 20962514 | 20998552 | 1.04 | cps |
| Yttrium | 89-2 | 5901780 | 5794872 | 5792899 | 5829850 | 1.07 | cps |
| Zinc | 66-2 | 7547394 | 7469581 | 7550130 | 7522369 | 0.61 | cps |
| Zirconium | 90-1 | 281844 | 283103 | 282547 | 282498 | 0.22 | cps |
| Zirconium | 91-1 | 62907 | 64327 | 64966 | 64067 | 1.64 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:44:18 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5483015 | 5492221 | 5365015 | 5446751 | 1.30 | cps |
| Antimony | 121-1 | 14064883 | 13923581 | 14049309 | 14012591 | 0.55 | cps |
| Arsenic | 75-2 | 2018709 | 2058262 | 1996296 | 2024422 | 1.55 | cps |
| Barium | 135-1 | 705678 | 714910 | 714011 | 711533 | 0.72 | cps |
| Barium | 137-1 | 1233900 | 1242766 | 1233047 | 1236571 | 0.44 | cps |
| Beryllium | 9-1 | 1093 | 1090 | 1200 | 1128 | 5.55 | cps |
| Bismuth | 209-1 | 10163394 | 10187349 | 10231783 | 10194175 | 0.34 | cps |
| Bismuth | 209-2 | 8805286 | 8662287 | 8706888 | 8724820 | 0.84 | cps |
| Bromine | 81-1 | 44764 | 46961 | 46433 | 46053 | 2.49 | cps |
| Bromine | 81-2 | 6898 | 6401 | 6418 | 6573 | 4.29 | cps |
| Cadmium | 108-1 | 1507 | 1543 | 1607 | 1552 | 3.26 | cps |
| Cadmium | 106-1 | 7459 | 7235 | 7185 | 7293 | 2.00 | cps |
| Cadmium | 111-1 | 13260 | 13139 | 13999 | 13466 | 3.46 | cps |
| Calcium | 43-1 | 564566 | 566380 | 575700 | 568882 | 1.05 | cps |
| Calcium | 44-1 | 8810633 | 8772190 | 8945457 | 8842760 | 1.03 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 293261 | 292238 | 292578 | 292692 | 0.18 | cps |
| Cobalt | 59-2 | 1660802 | 1643645 | 1649433 | 1651293 | 0.53 | cps |
| Copper | 63-2 | 7026298 | 6926057 | 6991641 | 6981332 | 0.73 | cps |
| Dysprosium | 156-1 | 38382 | 38295 | 38406 | 38361 | 0.15 | cps |
| Dysprosium | 156-2 | 32013 | 32621 | 32210 | 32282 | 0.96 | cps |
| Erbium | 164-1 | 39045 | 40682 | 39964 | 39897 | 2.06 | cps |
| Erbium | 164-2 | 29641 | 28776 | 29464 | 29294 | 1.56 | cps |
| Gadolinium | 160-1 | 39288 | 39345 | 39826 | 39487 | 0.75 | cps |
| Gadolinium | 160-2 | 29618 | 30376 | 29965 | 29987 | 1.27 | cps |
| Holmium | 165-1 | 16812308 | 16818808 | 16695089 | 16775402 | 0.42 | cps |
| Holmium | 165-2 | 12231888 | 12037598 | 12021642 | 12097043 | 0.97 | cps |
| Indium | 115-1 | 15122537 | 15162282 | 15140353 | 15141724 | 0.13 | cps |
| Indium | 115-2 | 5642875 | 5605062 | 5622367 | 5623435 | 0.34 | cps |
| Iron | 56-2 | 493453059 | 493052113 | 488002086 | 491502419 | 0.62 | cps |
| Iron | 57-2 | 12254902 | 12187003 | 12031486 | 12157797 | 0.94 | cps |
| Iron | 54-2 | 26660022 | 26592096 | 26658894 | 26637004 | 0.15 | cps |
| Krypton | 83-1 | 240 | 260 | 280 | 260 | 7.69 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:44:18 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 20207266 | 20572197 | 20622498 | 20467320 | 1.11 | cps |
| Lead | 207-1 | 17736329 | 17897622 | 18022501 | 17885484 | 0.80 | cps |
| Lead | 208-1 | 80515458 | 81511748 | 82065875 | 81364360 | 0.97 | cps |
| Lithium | 6-1 | 2042774 | 2026692 | 2012089 | 2027185 | 0.76 | cps |
| Magnesium | 24-2 | 4872874 | 4847447 | 4827315 | 4849212 | 0.47 | cps |
| Manganese | 55-2 | 3677010 | 3679564 | 3632018 | 3662864 | 0.73 | cps |
| Molybdenum | 94-1 | 239165 | 238126 | 239504 | 238932 | 0.30 | cps |
| Molybdenum | 95-1 | 329293 | 330510 | 331378 | 330394 | 0.32 | cps |
| Molybdenum | 96-1 | 365156 | 373778 | 368544 | 369159 | 1.18 | cps |
| Molybdenum | 97-1 | 205886 | 205882 | 207025 | 206264 | 0.32 | cps |
| Molybdenum | 98-1 | 530947 | 532621 | 534277 | 532615 | 0.31 | cps |
| Neodymium | 150-1 | 57848 | 56928 | 57463 | 57413 | 0.81 | cps |
| Neodymium | 150-2 | 35588 | 34372 | 34569 | 34843 | 1.87 | cps |
| Nickel | 60-2 | 147621 | 145804 | 145485 | 146303 | 0.79 | cps |
| Phosphorus | 31-2 | 15805 | 15258 | 15595 | 15552 | 1.77 | cps |
| Potassium | 39-2 | 3256178 | 3237282 | 3237134 | 3243532 | 0.34 | cps |
| Rhodium | 103-1 | 12680561 | 12575326 | 12534376 | 12596754 | 0.60 | cps |
| Rhodium | 103-2 | 7572018 | 7444957 | 7548210 | 7521728 | 0.90 | cps |
| Scandium | 45-1 | 7332237 | 7328495 | 7409342 | 7356691 | 0.62 | cps |
| Scandium | 45-2 | 652186 | 645782 | 650657 | 649542 | 0.51 | cps |
| Selenium | 82-1 | 755 | 690 | 696 | 713 | 5.00 | cps |
| Selenium | 77-2 | 133 | 137 | 117 | 129 | 8.31 | cps |
| Selenium | 78-2 | 690 | 680 | 690 | 687 | 0.84 | cps |
| Silicon | 28-1 | 18018771 | 18541079 | 19268979 | 18609610 | 3.37 | cps |
| Silver | 107-1 | 53097 | 53000 | 53893 | 53330 | 0.92 | cps |
| Silver | 109-1 | 49805 | 50166 | 50675 | 50215 | 0.87 | cps |
| Sodium | 23-2 | 11413969 | 11450965 | 11307180 | 11390705 | 0.66 | cps |
| Strontium | 86-1 | 452416 | 460320 | 463717 | 458818 | 1.26 | cps |
| Strontium | 88-1 | 4103400 | 4145874 | 4113934 | 4121069 | 0.54 | cps |
| Sulfur | 34-1 | 310042 | 311000 | 311485 | 310842 | 0.24 | cps |
| Terbium | 159-1 | 17173613 | 17413752 | 16950110 | 17179158 | 1.35 | cps |
| Terbium | 159-2 | 11949307 | 11827238 | 11967501 | 11914682 | 0.64 | cps |
| Thallium | 203-1 | 17057 | 17909 | 17621 | 17529 | 2.47 | cps |
| Thallium | 205-1 | 41206 | 40948 | 41567 | 41240 | 0.75 | cps |
| Tin | 118-1 | 3928073 | 3966711 | 3980790 | 3958525 | 0.69 | cps |
| Titanium | 47-1 | 890802 | 894594 | 908727 | 898041 | 1.05 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:44:18 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 130261 | 128778 | 129508 | 129516 | 0.57 | cps |
| Vanadium | 51-2 | 287369 | 286984 | 284880 | 286411 | 0.47 | cps |
| Yttrium | 89-1 | 21403940 | 21384881 | 21235719 | 21341513 | 0.43 | cps |
| Yttrium | 89-2 | 5843599 | 5792084 | 5799420 | 5811701 | 0.48 | cps |
| Zinc | 66-2 | 6938631 | 6834272 | 6831880 | 6868261 | 0.89 | cps |
| Zirconium | 90-1 | 138011 | 138307 | 140475 | 138931 | 0.97 | cps |
| Zirconium | 91-1 | 32757 | 33445 | 34805 | 33669 | 3.10 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:47:17 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9315556 | 9264448 | 9399103 | 9326369 | 0.73 | cps |
| Antimony | 121-1 | 109100575 | 115032272 | 116426032 | 113519626 | 3.43 | cps |
| Arsenic | 75-2 | 10607141 | 10511507 | 10588014 | 10568887 | 0.48 | cps |
| Barium | 135-1 | 3436539 | 3618025 | 3708566 | 3587710 | 3.86 | cps |
| Barium | 137-1 | 5932629 | 6288931 | 6304593 | 6175384 | 3.41 | cps |
| Beryllium | 9-1 | 3034 | 3030 | 3170 | 3078 | 2.60 | cps |
| Bismuth | 209-1 | 12099181 | 11304683 | 11036916 | 11480260 | 4.81 | cps |
| Bismuth | 209-2 | 9397679 | 9348854 | 9292058 | 9346197 | 0.57 | cps |
| Bromine | 81-1 | 22247 | 24300 | 25048 | 23865 | 6.08 | cps |
| Bromine | 81-2 | 2117 | 2070 | 1980 | 2056 | 3.38 | cps |
| Cadmium | 108-1 | 9306 | 10024 | 10124 | 9818 | 4.54 | cps |
| Cadmium | 106-1 | 18392 | 19113 | 19523 | 19009 | 3.01 | cps |
| Cadmium | 111-1 | 83445 | 87954 | 88657 | 86686 | 3.26 | cps |
| Calcium | 43-1 | 1398391 | 1506817 | 1526609 | 1477272 | 4.67 | cps |
| Calcium | 44-1 | 22474516 | 23690223 | 24169528 | 23444756 | 3.73 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 525300 | 523534 | 525587 | 524807 | 0.21 | cps |
| Cobalt | 59-2 | 2923524 | 2874024 | 2916201 | 2904583 | 0.92 | cps |
| Copper | 63-2 | 37441215 | 37547515 | 37560390 | 37516374 | 0.17 | cps |
| Dysprosium | 156-1 | 32511 | 34539 | 34335 | 33795 | 3.30 | cps |
| Dysprosium | 156-2 | 29701 | 29835 | 30486 | 30008 | 1.40 | cps |
| Erbium | 164-1 | 34813 | 36681 | 36648 | 36048 | 2.97 | cps |
| Erbium | 164-2 | 27297 | 26699 | 27050 | 27015 | 1.11 | cps |
| Gadolinium | 160-1 | 31215 | 34018 | 34135 | 33123 | 4.99 | cps |
| Gadolinium | 160-2 | 26301 | 26575 | 25744 | 26207 | 1.62 | cps |
| Holmium | 165-1 | 18630803 | 17022916 | 16633306 | 17429008 | 6.08 | cps |
| Holmium | 165-2 | 12107711 | 11928786 | 11898190 | 11978229 | 0.94 | cps |
| Indium | 115-1 | 22551062 | 21507214 | 21527893 | 21862056 | 2.73 | cps |
| Indium | 115-2 | 8072975 | 8150208 | 8064394 | 8095859 | 0.58 | cps |
| Iron | 56-2 | 1589279923 | 1584888243 | 1581138910 | 1585102359 | 0.26 | cps |
| Iron | 57-2 | 39378971 | 39042509 | 39387249 | 39269576 | 0.50 | cps |
| Iron | 54-2 | 86294842 | 85933065 | 86121689 | 86116532 | 0.21 | cps |
| Krypton | 83-1 | 247 | 300 | 340 | 296 | 15.84 | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:47:17 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 155633891 | 162307851 | 162821074 | 160254272 | 2.50 | cps |
| Lead | 207-1 | 135984731 | 140733185 | 142397825 | 139705247 | 2.38 | cps |
| Lead | 208-1 | 619394891 | 643962657 | 651432000 | 638263183 | 2.63 | cps |
| Lithium | 6-1 | 2208198 | 1972490 | 1957008 | 2045899 | 6.88 | cps |
| Magnesium | 24-2 | 4413021 | 4418733 | 4496095 | 4442616 | 1.04 | cps |
| Manganese | 55-2 | 9111124 | 8987262 | 9057388 | 9051925 | 0.69 | cps |
| Molybdenum | 94-1 | 827784 | 874894 | 895110 | 865929 | 3.99 | cps |
| Molybdenum | 95-1 | 1217581 | 1305331 | 1313768 | 1278893 | 4.16 | cps |
| Molybdenum | 96-1 | 1393083 | 1469021 | 1483178 | 1448427 | 3.34 | cps |
| Molybdenum | 97-1 | 760518 | 813429 | 824195 | 799381 | 4.26 | cps |
| Molybdenum | 98-1 | 1994598 | 2129616 | 2150767 | 2091660 | 4.05 | cps |
| Neodymium | 150-1 | 46945 | 50932 | 49958 | 49278 | 4.22 | cps |
| Neodymium | 150-2 | 31639 | 31502 | 30934 | 31358 | 1.19 | cps |
| Nickel | 60-2 | 489464 | 490370 | 491295 | 490376 | 0.19 | cps |
| Phosphorus | 31-2 | 10474 | 9787 | 10477 | 10246 | 3.88 | cps |
| Potassium | 39-2 | 7510352 | 7523538 | 7541705 | 7525198 | 0.21 | cps |
| Rhodium | 103-1 | 13769877 | 12427088 | 12291343 | 12829436 | 6.37 | cps |
| Rhodium | 103-2 | 7583510 | 7550087 | 7497751 | 7543783 | 0.57 | cps |
| Scandium | 45-1 | 8166196 | 7482131 | 7481038 | 7709788 | 5.13 | cps |
| Scandium | 45-2 | 675385 | 668931 | 673609 | 672642 | 0.50 | cps |
| Selenium | 82-1 | 2322 | 2475 | 2460 | 2419 | 3.49 | cps |
| Selenium | 77-2 | 313 | 333 | 347 | 331 | 5.07 | cps |
| Selenium | 78-2 | 1443 | 1407 | 1463 | 1438 | 2.00 | cps |
| Silicon | 28-1 | 72108517 | 77072301 | 78424671 | 75868496 | 4.38 | cps |
| Silver | 107-1 | 361750 | 386493 | 389083 | 379109 | 3.98 | cps |
| Silver | 109-1 | 345467 | 364437 | 371142 | 360349 | 3.70 | cps |
| Sodium | 23-2 | 12312478 | 12241807 | 12424651 | 12326312 | 0.75 | cps |
| Strontium | 86-1 | 895104 | 956197 | 967772 | 939691 | 4.16 | cps |
| Strontium | 88-1 | 8081826 | 8450356 | 8576269 | 8369484 | 3.07 | cps |
| Sulfur | 34-1 | 394588 | 409643 | 415760 | 406663 | 2.68 | cps |
| Terbium | 159-1 | 19127679 | 17378414 | 16964569 | 17823554 | 6.44 | cps |
| Terbium | 159-2 | 12047624 | 11841245 | 11886479 | 11925116 | 0.91 | cps |
| Thallium | 203-1 | 75260 | 79721 | 81197 | 78726 | 3.93 | cps |
| Thallium | 205-1 | 180861 | 190656 | 189789 | 187102 | 2.90 | cps |
| Tin | 118-1 | 21525125 | 22779860 | 23275711 | 22526899 | 4.01 | cps |
| Titanium | 47-1 | 1303351 | 1384163 | 1397819 | 1361778 | 3.75 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:47:17 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 291480 | 307393 | 310659 | 303177 | 3.38 | cps |
| Vanadium | 51-2 | 401432 | 400418 | 401854 | 401235 | 0.18 | cps |
| Yttrium | 89-1 | 23469451 | 21152969 | 21265291 | 21962570 | 5.95 | cps |
| Yttrium | 89-2 | 5921392 | 5955104 | 5962554 | 5946350 | 0.37 | cps |
| Zinc | 66-2 | 42725359 | 42698521 | 42793469 | 42739117 | 0.11 | cps |
| Zirconium | 90-1 | 354023 | 378893 | 387654 | 373523 | 4.67 | cps |
| Zirconium | 91-1 | 92295 | 97673 | 100226 | 96731 | 4.19 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:50:10 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9635675 | 9472517 | 9470747 | 9526313 | 0.99 | cps |
| Antimony | 121-1 | 51700721 | 52073534 | 52005298 | 51926518 | 0.38 | cps |
| Arsenic | 75-2 | 7304658 | 7266754 | 7189897 | 7253770 | 0.81 | cps |
| Barium | 135-1 | 2821623 | 2868551 | 2834686 | 2841620 | 0.85 | cps |
| Barium | 137-1 | 4869396 | 4863739 | 4861049 | 4864728 | 0.09 | cps |
| Beryllium | 9-1 | 2817 | 2867 | 2814 | 2833 | 1.05 | cps |
| Bismuth | 209-1 | 10811085 | 10593870 | 10423212 | 10609389 | 1.83 | cps |
| Bismuth | 209-2 | 8939919 | 8934945 | 8976278 | 8950381 | 0.25 | cps |
| Bromine | 81-1 | 32102 | 33414 | 33287 | 32935 | 2.20 | cps |
| Bromine | 81-2 | 3701 | 3841 | 3667 | 3736 | 2.46 | cps |
| Cadmium | 108-1 | 4507 | 4597 | 4491 | 4532 | 1.27 | cps |
| Cadmium | 106-1 | 11855 | 11545 | 11448 | 11616 | 1.83 | cps |
| Cadmium | 111-1 | 30519 | 29457 | 30100 | 30025 | 1.78 | cps |
| Calcium | 43-1 | 2289174 | 2276881 | 2280988 | 2282348 | 0.27 | cps |
| Calcium | 44-1 | 36379546 | 36219702 | 36427161 | 36342136 | 0.30 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 283335 | 281085 | 280605 | 281675 | 0.52 | cps |
| Cobalt | 59-2 | 8063966 | 8111409 | 8108579 | 8094651 | 0.33 | cps |
| Copper | 63-2 | 25620475 | 25718242 | 25580923 | 25639880 | 0.28 | cps |
| Dysprosium | 156-1 | 41501 | 41020 | 41454 | 41325 | 0.64 | cps |
| Dysprosium | 156-2 | 35612 | 35321 | 35672 | 35535 | 0.53 | cps |
| Erbium | 164-1 | 51203 | 51605 | 51705 | 51504 | 0.52 | cps |
| Erbium | 164-2 | 36899 | 36691 | 37514 | 37035 | 1.15 | cps |
| Gadolinium | 160-1 | 41986 | 41251 | 41434 | 41557 | 0.92 | cps |
| Gadolinium | 160-2 | 31840 | 31312 | 31372 | 31508 | 0.92 | cps |
| Holmium | 165-1 | 16934234 | 16450072 | 16830303 | 16738203 | 1.52 | cps |
| Holmium | 165-2 | 12078774 | 11987958 | 12070711 | 12045814 | 0.42 | cps |
| Indium | 115-1 | 21598252 | 21695188 | 21723729 | 21672390 | 0.30 | cps |
| Indium | 115-2 | 8000038 | 8046878 | 8055528 | 8034148 | 0.37 | cps |
| Iron | 56-2 | 1518428991 | 1528983444 | 1535996510 | 1527802982 | 0.58 | cps |
| Iron | 57-2 | 37974422 | 37929139 | 38051842 | 37985134 | 0.16 | cps |
| Iron | 54-2 | 83654980 | 83173502 | 83322355 | 83383613 | 0.30 | cps |
| Krypton | 83-1 | 367 | 357 | 273 | 332 | 15.42 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:50:10 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 64336359 | 65003307 | 64736661 | 64692109 | 0.52 | cps |
| Lead | 207-1 | 56768971 | 57348576 | 57246174 | 57121240 | 0.54 | cps |
| Lead | 208-1 | 259781101 | 260488058 | 259479536 | 259916232 | 0.20 | cps |
| Lithium | 6-1 | 1973658 | 1965644 | 1971440 | 1970247 | 0.21 | cps |
| Magnesium | 24-2 | 4636233 | 4634762 | 4600486 | 4623827 | 0.44 | cps |
| Manganese | 55-2 | 8987757 | 8882312 | 8952640 | 8940903 | 0.60 | cps |
| Molybdenum | 94-1 | 568048 | 568392 | 573421 | 569954 | 0.53 | cps |
| Molybdenum | 95-1 | 665975 | 672620 | 673525 | 670707 | 0.61 | cps |
| Molybdenum | 96-1 | 762126 | 766821 | 766831 | 765259 | 0.35 | cps |
| Molybdenum | 97-1 | 418965 | 417666 | 421675 | 419435 | 0.49 | cps |
| Molybdenum | 98-1 | 1078019 | 1079028 | 1087027 | 1081358 | 0.46 | cps |
| Neodymium | 150-1 | 60325 | 60285 | 61406 | 60672 | 1.05 | cps |
| Neodymium | 150-2 | 37814 | 37563 | 38098 | 37825 | 0.71 | cps |
| Nickel | 60-2 | 205505 | 204126 | 202095 | 203909 | 0.84 | cps |
| Phosphorus | 31-2 | 10267 | 10394 | 10237 | 10299 | 0.81 | cps |
| Potassium | 39-2 | 8445788 | 8503204 | 8522964 | 8490652 | 0.47 | cps |
| Rhodium | 103-1 | 12461933 | 12298185 | 12305186 | 12355101 | 0.75 | cps |
| Rhodium | 103-2 | 7414499 | 7361022 | 7391428 | 7388983 | 0.36 | cps |
| Scandium | 45-1 | 7466127 | 7403428 | 7436641 | 7435399 | 0.42 | cps |
| Scandium | 45-2 | 654861 | 651073 | 653350 | 653095 | 0.29 | cps |
| Selenium | 82-1 | 1645 | 1540 | 1671 | 1619 | 4.27 | cps |
| Selenium | 77-2 | 263 | 170 | 190 | 208 | 23.65 | cps |
| Selenium | 78-2 | 1080 | 1067 | 1060 | 1069 | 0.95 | cps |
| Silicon | 28-1 | 137110688 | 139706061 | 139715028 | 138843926 | 1.08 | cps |
| Silver | 107-1 | 191077 | 190816 | 190983 | 190959 | 0.07 | cps |
| Silver | 109-1 | 179115 | 182487 | 180728 | 180777 | 0.93 | cps |
| Sodium | 23-2 | 13193271 | 13298778 | 13167642 | 13219897 | 0.53 | cps |
| Strontium | 86-1 | 1203987 | 1203774 | 1210242 | 1206001 | 0.30 | cps |
| Strontium | 88-1 | 10792733 | 10820965 | 10934683 | 10849460 | 0.69 | cps |
| Sulfur | 34-1 | 452226 | 451962 | 454346 | 452845 | 0.29 | cps |
| Terbium | 159-1 | 17058810 | 16934169 | 16961789 | 16984923 | 0.39 | cps |
| Terbium | 159-2 | 11758345 | 11853150 | 11863703 | 11825066 | 0.49 | cps |
| Thallium | 203-1 | 37164 | 37508 | 38056 | 37576 | 1.20 | cps |
| Thallium | 205-1 | 87643 | 88404 | 89354 | 88467 | 0.97 | cps |
| Tin | 118-1 | 11842304 | 11730972 | 11826582 | 11799953 | 0.51 | cps |
| Titanium | 47-1 | 1703292 | 1715674 | 1729256 | 1716074 | 0.76 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:50:10 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 202323 | 203891 | 207894 | 204703 | 1.40 | cps |
| Vanadium | 51-2 | 377742 | 377845 | 375333 | 376973 | 0.38 | cps |
| Yttrium | 89-1 | 21336041 | 21436722 | 21328232 | 21366998 | 0.28 | cps |
| Yttrium | 89-2 | 5882756 | 5848033 | 5875143 | 5868644 | 0.31 | cps |
| Zinc | 66-2 | 24240745 | 24335401 | 24319385 | 24298510 | 0.21 | cps |
| Zirconium | 90-1 | 514702 | 516403 | 522651 | 517919 | 0.81 | cps |
| Zirconium | 91-1 | 123450 | 125195 | 127646 | 125430 | 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 : | P5363-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:53:07 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1599175 | 1623877 | 1587055 | 1603369 | 1.17 | cps |
| Antimony | 121-1 | 51947 | 46535 | 46107 | 48196 | 6.75 | cps |
| Arsenic | 75-2 | 7185 | 7032 | 7198 | 7138 | 1.30 | cps |
| Barium | 135-1 | 47669 | 49403 | 48880 | 48651 | 1.83 | cps |
| Barium | 137-1 | 82762 | 85294 | 84606 | 84221 | 1.55 | cps |
| Beryllium | 9-1 | 337 | 283 | 307 | 309 | 8.65 | cps |
| Bismuth | 209-1 | 10506355 | 9972548 | 9916002 | 10131635 | 3.22 | cps |
| Bismuth | 209-2 | 8362386 | 8461306 | 8363386 | 8395692 | 0.68 | cps |
| Bromine | 81-1 | 52734 | 56471 | 57464 | 55556 | 4.49 | cps |
| Bromine | 81-2 | 8846 | 9013 | 8816 | 8892 | 1.19 | cps |
| Cadmium | 108-1 | 90 | 110 | 80 | 93 | 16.37 | cps |
| Cadmium | 106-1 | 5174 | 4661 | 4591 | 4809 | 6.63 | cps |
| Cadmium | 111-1 | 1653 | 1683 | 1636 | 1657 | 1.43 | cps |
| Calcium | 43-1 | 206067 | 210127 | 208580 | 208258 | 0.98 | cps |
| Calcium | 44-1 | 3217619 | 3309406 | 3227777 | 3251601 | 1.55 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 83003 | 82320 | 82527 | 82617 | 0.42 | cps |
| Cobalt | 59-2 | 47612 | 46886 | 46719 | 47072 | 1.01 | cps |
| Copper | 63-2 | 353956 | 354052 | 352226 | 353411 | 0.29 | cps |
| Dysprosium | 156-1 | 15165 | 15242 | 15152 | 15186 | 0.32 | cps |
| Dysprosium | 156-2 | 13093 | 12656 | 12636 | 12795 | 2.02 | cps |
| Erbium | 164-1 | 14261 | 14421 | 14131 | 14271 | 1.02 | cps |
| Erbium | 164-2 | 10304 | 10284 | 10251 | 10279 | 0.26 | cps |
| Gadolinium | 160-1 | 14991 | 15445 | 15065 | 15167 | 1.61 | cps |
| Gadolinium | 160-2 | 12306 | 12315 | 12506 | 12376 | 0.91 | cps |
| Holmium | 165-1 | 17572178 | 16658717 | 16665065 | 16965320 | 3.10 | cps |
| Holmium | 165-2 | 11897637 | 12063200 | 11819689 | 11926842 | 1.04 | cps |
| Indium | 115-1 | 14389696 | 13563830 | 13470290 | 13807939 | 3.66 | cps |
| Indium | 115-2 | 5069630 | 5034916 | 4998664 | 5034403 | 0.70 | cps |
| Iron | 56-2 | 48674506 | 48207766 | 48450669 | 48444314 | 0.48 | cps |
| Iron | 57-2 | 1207412 | 1205600 | 1201676 | 1204896 | 0.24 | cps |
| Iron | 54-2 | 2665774 | 2644567 | 2622326 | 2644222 | 0.82 | cps |
| Krypton | 83-1 | 247 | 233 | 263 | 248 | 6.07 | 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 : | P5363-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:53:07 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 368175 | 368828 | 365439 | 367481 | 0.49 | cps |
| Lead | 207-1 | 313379 | 311560 | 315165 | 313368 | 0.58 | cps |
| Lead | 208-1 | 1438309 | 1446407 | 1436229 | 1440315 | 0.37 | cps |
| Lithium | 6-1 | 2110187 | 2006239 | 1978319 | 2031582 | 3.42 | cps |
| Magnesium | 24-2 | 2152936 | 2135889 | 2141380 | 2143402 | 0.41 | cps |
| Manganese | 55-2 | 574545 | 574432 | 572214 | 573730 | 0.23 | cps |
| Molybdenum | 94-1 | 10457 | 10718 | 10657 | 10611 | 1.28 | cps |
| Molybdenum | 95-1 | 4674 | 4724 | 4414 | 4604 | 3.62 | cps |
| Molybdenum | 96-1 | 6795 | 6728 | 6872 | 6798 | 1.06 | cps |
| Molybdenum | 97-1 | 2814 | 2764 | 2684 | 2754 | 2.38 | cps |
| Molybdenum | 98-1 | 7499 | 7285 | 7569 | 7451 | 1.98 | cps |
| Neodymium | 150-1 | 22488 | 23042 | 23249 | 22926 | 1.72 | cps |
| Neodymium | 150-2 | 14094 | 14544 | 14478 | 14372 | 1.69 | cps |
| Nickel | 60-2 | 37627 | 37046 | 37537 | 37403 | 0.84 | cps |
| Phosphorus | 31-2 | 8809 | 9290 | 8949 | 9016 | 2.74 | cps |
| Potassium | 39-2 | 934485 | 927351 | 924355 | 928731 | 0.56 | cps |
| Rhodium | 103-1 | 13149240 | 12433650 | 12445686 | 12676192 | 3.23 | cps |
| Rhodium | 103-2 | 7574720 | 7446677 | 7434009 | 7485135 | 1.04 | cps |
| Scandium | 45-1 | 7584657 | 7232219 | 7200477 | 7339118 | 2.91 | cps |
| Scandium | 45-2 | 635536 | 632469 | 629944 | 632649 | 0.44 | cps |
| Selenium | 82-1 | 284 | 291 | 278 | 284 | 2.25 | cps |
| Selenium | 77-2 | 53 | 67 | 53 | 58 | 13.33 | cps |
| Selenium | 78-2 | 523 | 520 | 450 | 498 | 8.32 | cps |
| Silicon | 28-1 | 5664553 | 5564577 | 5325414 | 5518181 | 3.16 | cps |
| Silver | 107-1 | 5781 | 5034 | 4858 | 5224 | 9.38 | cps |
| Silver | 109-1 | 5468 | 4968 | 4654 | 5030 | 8.16 | cps |
| Sodium | 23-2 | 7878856 | 7792483 | 7796232 | 7822524 | 0.62 | cps |
| Strontium | 86-1 | 252711 | 256395 | 258576 | 255894 | 1.16 | cps |
| Strontium | 88-1 | 2295437 | 2318221 | 2304717 | 2306125 | 0.50 | cps |
| Sulfur | 34-1 | 273439 | 278085 | 277019 | 276181 | 0.88 | cps |
| Terbium | 159-1 | 17678733 | 16997034 | 17115967 | 17263911 | 2.11 | cps |
| Terbium | 159-2 | 11546202 | 11666807 | 11819990 | 11677666 | 1.18 | cps |
| Thallium | 203-1 | 2037 | 2107 | 2110 | 2085 | 1.99 | cps |
| Thallium | 205-1 | 5188 | 5228 | 5158 | 5191 | 0.68 | cps |
| Tin | 118-1 | 50481 | 49956 | 50652 | 50363 | 0.72 | cps |
| Titanium | 47-1 | 272406 | 279121 | 287578 | 279702 | 2.72 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:53:07 | DataFile Name : | 131SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30802 | 31494 | 31417 | 31238 | 1.21 | cps |
| Vanadium | 51-2 | 89101 | 90989 | 89859 | 89983 | 1.06 | cps |
| Yttrium | 89-1 | 21606686 | 20928671 | 20556577 | 21030645 | 2.53 | cps |
| Yttrium | 89-2 | 5744254 | 5674808 | 5603079 | 5674047 | 1.24 | cps |
| Zinc | 66-2 | 53900 | 52816 | 52325 | 53014 | 1.52 | cps |
| Zirconium | 90-1 | 21132 | 20591 | 28656 | 23460 | 19.22 | cps |
| Zirconium | 91-1 | 4671 | 4681 | 4854 | 4735 | 2.18 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:56:16 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2219271 | 2174005 | 2189815 | 2194364 | 1.05 | cps |
| Antimony | 121-1 | 68241 | 68010 | 67896 | 68049 | 0.26 | cps |
| Arsenic | 75-2 | 32278 | 32769 | 33044 | 32697 | 1.19 | cps |
| Barium | 135-1 | 59470 | 59621 | 59714 | 59602 | 0.21 | cps |
| Barium | 137-1 | 103396 | 103708 | 104685 | 103929 | 0.65 | cps |
| Beryllium | 9-1 | 320 | 303 | 390 | 338 | 13.61 | cps |
| Bismuth | 209-1 | 10125142 | 10119564 | 9980457 | 10075054 | 0.81 | cps |
| Bismuth | 209-2 | 8439953 | 8575147 | 8489215 | 8501438 | 0.80 | cps |
| Bromine | 81-1 | 34918 | 36415 | 36041 | 35791 | 2.18 | cps |
| Bromine | 81-2 | 4364 | 4177 | 4547 | 4363 | 4.24 | cps |
| Cadmium | 108-1 | 73 | 133 | 90 | 99 | 31.32 | cps |
| Cadmium | 106-1 | 4921 | 4714 | 4734 | 4790 | 2.38 | cps |
| Cadmium | 111-1 | 1733 | 1623 | 1712 | 1690 | 3.45 | cps |
| Calcium | 43-1 | 135428 | 135693 | 135014 | 135378 | 0.25 | cps |
| Calcium | 44-1 | 2119203 | 2113907 | 2120040 | 2117717 | 0.16 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 85611 | 86603 | 86077 | 86097 | 0.58 | cps |
| Cobalt | 59-2 | 35706 | 35666 | 35078 | 35483 | 0.99 | cps |
| Copper | 63-2 | 3027647 | 2998531 | 3026845 | 3017674 | 0.55 | cps |
| Dysprosium | 156-1 | 27190 | 27350 | 26722 | 27087 | 1.20 | cps |
| Dysprosium | 156-2 | 22385 | 22047 | 22505 | 22312 | 1.06 | cps |
| Erbium | 164-1 | 22625 | 22835 | 22972 | 22811 | 0.77 | cps |
| Erbium | 164-2 | 16967 | 16770 | 16213 | 16650 | 2.35 | cps |
| Gadolinium | 160-1 | 26442 | 26809 | 26649 | 26633 | 0.69 | cps |
| Gadolinium | 160-2 | 20625 | 20402 | 20218 | 20415 | 1.00 | cps |
| Holmium | 165-1 | 16785810 | 16603720 | 16979719 | 16789750 | 1.12 | cps |
| Holmium | 165-2 | 11942816 | 11938871 | 11768161 | 11883283 | 0.84 | cps |
| Indium | 115-1 | 13579668 | 13584632 | 13437186 | 13533829 | 0.62 | cps |
| Indium | 115-2 | 5018300 | 5009678 | 4996655 | 5008211 | 0.22 | cps |
| Iron | 56-2 | 65621019 | 65152044 | 65398509 | 65390524 | 0.36 | cps |
| Iron | 57-2 | 1633463 | 1620984 | 1628781 | 1627743 | 0.39 | cps |
| Iron | 54-2 | 3640790 | 3552631 | 3558032 | 3583818 | 1.38 | cps |
| Krypton | 83-1 | 277 | 263 | 267 | 269 | 2.58 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:56:16 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1330708 | 1334079 | 1319275 | 1328021 | 0.58 | cps |
| Lead | 207-1 | 1142322 | 1156045 | 1135784 | 1144717 | 0.90 | cps |
| Lead | 208-1 | 5390158 | 5389822 | 5332539 | 5370840 | 0.62 | cps |
| Lithium | 6-1 | 1991947 | 2002104 | 2016021 | 2003357 | 0.60 | cps |
| Magnesium | 24-2 | 1737327 | 1728256 | 1735088 | 1733557 | 0.27 | cps |
| Manganese | 55-2 | 461844 | 457544 | 461686 | 460358 | 0.53 | cps |
| Molybdenum | 94-1 | 14841 | 15161 | 15098 | 15033 | 1.13 | cps |
| Molybdenum | 95-1 | 4981 | 5141 | 4714 | 4945 | 4.36 | cps |
| Molybdenum | 96-1 | 8366 | 8376 | 8079 | 8274 | 2.04 | cps |
| Molybdenum | 97-1 | 3134 | 3190 | 2990 | 3105 | 3.32 | cps |
| Molybdenum | 98-1 | 7699 | 8212 | 8096 | 8002 | 3.36 | cps |
| Neodymium | 150-1 | 44236 | 44292 | 44905 | 44478 | 0.83 | cps |
| Neodymium | 150-2 | 27313 | 26682 | 27965 | 27320 | 2.35 | cps |
| Nickel | 60-2 | 37604 | 37524 | 38212 | 37780 | 1.00 | cps |
| Phosphorus | 31-2 | 16409 | 16452 | 16119 | 16327 | 1.11 | cps |
| Potassium | 39-2 | 770089 | 763505 | 766688 | 766761 | 0.43 | cps |
| Rhodium | 103-1 | 12526288 | 12443317 | 12328766 | 12432790 | 0.80 | cps |
| Rhodium | 103-2 | 7474433 | 7468731 | 7430676 | 7457947 | 0.32 | cps |
| Scandium | 45-1 | 7166423 | 7235442 | 7233116 | 7211660 | 0.54 | cps |
| Scandium | 45-2 | 625831 | 623221 | 626707 | 625253 | 0.29 | cps |
| Selenium | 82-1 | 229 | 246 | 238 | 238 | 3.59 | cps |
| Selenium | 77-2 | 110 | 67 | 50 | 76 | 40.99 | cps |
| Selenium | 78-2 | 487 | 560 | 517 | 521 | 7.08 | cps |
| Silicon | 28-1 | 4678665 | 4470153 | 4406013 | 4518277 | 3.16 | cps |
| Silver | 107-1 | 4467 | 4464 | 4567 | 4500 | 1.31 | cps |
| Silver | 109-1 | 4011 | 4134 | 4127 | 4091 | 1.70 | cps |
| Sodium | 23-2 | 5159616 | 5075965 | 5185196 | 5140259 | 1.11 | cps |
| Strontium | 86-1 | 127036 | 127724 | 125210 | 126657 | 1.03 | cps |
| Strontium | 88-1 | 1103580 | 1106131 | 1106387 | 1105366 | 0.14 | cps |
| Sulfur | 34-1 | 206472 | 205360 | 202375 | 204736 | 1.03 | cps |
| Terbium | 159-1 | 16965545 | 17083990 | 17060538 | 17036691 | 0.37 | cps |
| Terbium | 159-2 | 11690203 | 11629159 | 11810320 | 11709894 | 0.79 | cps |
| Thallium | 203-1 | 1320 | 1293 | 1217 | 1277 | 4.20 | cps |
| Thallium | 205-1 | 3020 | 3130 | 3020 | 3057 | 2.08 | cps |
| Tin | 118-1 | 47097 | 47568 | 47401 | 47355 | 0.50 | cps |
| Titanium | 47-1 | 781875 | 779466 | 775840 | 779060 | 0.39 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKG9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:56:16 | DataFile Name : | 132SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43381 | 43431 | 43040 | 43284 | 0.49 | cps |
| Vanadium | 51-2 | 166602 | 166854 | 168313 | 167256 | 0.55 | cps |
| Yttrium | 89-1 | 20869363 | 20849100 | 20751908 | 20823457 | 0.30 | cps |
| Yttrium | 89-2 | 5701494 | 5669461 | 5659239 | 5676731 | 0.39 | cps |
| Zinc | 66-2 | 112294 | 111956 | 112093 | 112114 | 0.15 | cps |
| Zirconium | 90-1 | 33338 | 32940 | 35144 | 33807 | 3.47 | cps |
| Zirconium | 91-1 | 7592 | 7392 | 7352 | 7445 | 1.73 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:59:25 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3599033 | 3561488 | 3527321 | 3562614 | 1.01 | cps |
| Antimony | 121-1 | 587449 | 603549 | 609030 | 600009 | 1.87 | cps |
| Arsenic | 75-2 | 96346 | 95263 | 95877 | 95829 | 0.57 | cps |
| Barium | 135-1 | 446310 | 457444 | 463138 | 455631 | 1.88 | cps |
| Barium | 137-1 | 769597 | 798086 | 797667 | 788450 | 2.07 | cps |
| Beryllium | 9-1 | 507 | 550 | 507 | 521 | 4.80 | cps |
| Bismuth | 209-1 | 10789794 | 10033528 | 10252178 | 10358500 | 3.76 | cps |
| Bismuth | 209-2 | 8542202 | 8618291 | 8451441 | 8537311 | 0.98 | cps |
| Bromine | 81-1 | 65688 | 70581 | 72477 | 69582 | 5.03 | cps |
| Bromine | 81-2 | 11585 | 12062 | 11538 | 11728 | 2.47 | cps |
| Cadmium | 108-1 | 577 | 500 | 530 | 536 | 7.21 | cps |
| Cadmium | 106-1 | 6138 | 5494 | 5648 | 5760 | 5.84 | cps |
| Cadmium | 111-1 | 5701 | 5776 | 5858 | 5778 | 1.36 | cps |
| Calcium | 43-1 | 272330 | 281560 | 284504 | 279465 | 2.27 | cps |
| Calcium | 44-1 | 4267758 | 4352656 | 4434487 | 4351634 | 1.92 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 194247 | 192724 | 191293 | 192755 | 0.77 | cps |
| Cobalt | 59-2 | 308881 | 307917 | 306527 | 307775 | 0.38 | cps |
| Copper | 63-2 | 5641299 | 5619885 | 5586518 | 5615900 | 0.49 | cps |
| Dysprosium | 156-1 | 30874 | 32387 | 33373 | 32211 | 3.91 | cps |
| Dysprosium | 156-2 | 27971 | 27621 | 27357 | 27649 | 1.11 | cps |
| Erbium | 164-1 | 28229 | 29154 | 29635 | 29006 | 2.46 | cps |
| Erbium | 164-2 | 21303 | 21086 | 21146 | 21178 | 0.53 | cps |
| Gadolinium | 160-1 | 31128 | 32040 | 32324 | 31831 | 1.96 | cps |
| Gadolinium | 160-2 | 24845 | 24972 | 24011 | 24609 | 2.12 | cps |
| Holmium | 165-1 | 17854482 | 16553566 | 16780987 | 17063012 | 4.07 | cps |
| Holmium | 165-2 | 11897199 | 11853183 | 11828305 | 11859562 | 0.29 | cps |
| Indium | 115-1 | 14550699 | 13428037 | 13382962 | 13787233 | 4.80 | cps |
| Indium | 115-2 | 5048361 | 5062250 | 5012124 | 5040912 | 0.51 | cps |
| Iron | 56-2 | 194700750 | 193821524 | 193552324 | 194024866 | 0.31 | cps |
| Iron | 57-2 | 4789268 | 4800523 | 4816486 | 4802092 | 0.28 | cps |
| Iron | 54-2 | 10637766 | 10543887 | 10541544 | 10574399 | 0.52 | cps |
| Krypton | 83-1 | 247 | 280 | 270 | 266 | 6.44 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:59:25 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3467762 | 3549542 | 3559172 | 3525492 | 1.42 | cps |
| Lead | 207-1 | 2928141 | 3106980 | 3088342 | 3041154 | 3.23 | cps |
| Lead | 208-1 | 13494779 | 13993073 | 14084103 | 13857318 | 2.29 | cps |
| Lithium | 6-1 | 2131732 | 1927020 | 1965108 | 2007954 | 5.42 | cps |
| Magnesium | 24-2 | 3359319 | 3364004 | 3390836 | 3371386 | 0.50 | cps |
| Manganese | 55-2 | 1222887 | 1217219 | 1215783 | 1218630 | 0.31 | cps |
| Molybdenum | 94-1 | 57245 | 57010 | 58826 | 57694 | 1.71 | cps |
| Molybdenum | 95-1 | 40088 | 41462 | 42124 | 41225 | 2.52 | cps |
| Molybdenum | 96-1 | 50648 | 52373 | 53263 | 52095 | 2.55 | cps |
| Molybdenum | 97-1 | 25168 | 26407 | 25619 | 25732 | 2.44 | cps |
| Molybdenum | 98-1 | 65402 | 66932 | 68426 | 66920 | 2.26 | cps |
| Neodymium | 150-1 | 50701 | 52029 | 51604 | 51445 | 1.32 | cps |
| Neodymium | 150-2 | 32096 | 32003 | 32277 | 32125 | 0.43 | cps |
| Nickel | 60-2 | 56205 | 56974 | 56091 | 56423 | 0.85 | cps |
| Phosphorus | 31-2 | 16566 | 15675 | 16362 | 16201 | 2.88 | cps |
| Potassium | 39-2 | 1717318 | 1706783 | 1698166 | 1707422 | 0.56 | cps |
| Rhodium | 103-1 | 13164189 | 12448335 | 12379646 | 12664057 | 3.43 | cps |
| Rhodium | 103-2 | 7411026 | 7418903 | 7335985 | 7388638 | 0.62 | cps |
| Scandium | 45-1 | 7720060 | 7100656 | 7169913 | 7330210 | 4.63 | cps |
| Scandium | 45-2 | 621817 | 617913 | 619061 | 619597 | 0.32 | cps |
| Selenium | 82-1 | 388 | 344 | 354 | 362 | 6.40 | cps |
| Selenium | 77-2 | 117 | 83 | 103 | 101 | 16.60 | cps |
| Selenium | 78-2 | 507 | 623 | 570 | 567 | 10.31 | cps |
| Silicon | 28-1 | 11109422 | 11634969 | 10456141 | 11066844 | 5.34 | cps |
| Silver | 107-1 | 51708 | 52458 | 53856 | 52674 | 2.07 | cps |
| Silver | 109-1 | 48959 | 50213 | 50511 | 49894 | 1.65 | cps |
| Sodium | 23-2 | 10000210 | 9876986 | 9872591 | 9916596 | 0.73 | cps |
| Strontium | 86-1 | 317168 | 327223 | 327491 | 323961 | 1.82 | cps |
| Strontium | 88-1 | 2844503 | 2926164 | 2960771 | 2910479 | 2.05 | cps |
| Sulfur | 34-1 | 336963 | 344895 | 343129 | 341662 | 1.22 | cps |
| Terbium | 159-1 | 18345185 | 16935859 | 17155568 | 17478871 | 4.34 | cps |
| Terbium | 159-2 | 11717861 | 11604111 | 11765518 | 11695830 | 0.71 | cps |
| Thallium | 203-1 | 3184 | 3337 | 3087 | 3203 | 3.94 | cps |
| Thallium | 205-1 | 7549 | 8002 | 7576 | 7709 | 3.30 | cps |
| Tin | 118-1 | 332126 | 344932 | 346114 | 341057 | 2.27 | cps |
| Titanium | 47-1 | 865084 | 903985 | 901889 | 890319 | 2.46 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKH0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:59:25 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 79235 | 81920 | 81015 | 80724 | 1.69 | cps |
| Vanadium | 51-2 | 216253 | 216483 | 212849 | 215195 | 0.95 | cps |
| Yttrium | 89-1 | 22371039 | 21088870 | 20721814 | 21393908 | 4.05 | cps |
| Yttrium | 89-2 | 5708732 | 5710623 | 5728262 | 5715872 | 0.19 | cps |
| Zinc | 66-2 | 2037275 | 2004214 | 2045807 | 2029099 | 1.08 | cps |
| Zirconium | 90-1 | 92505 | 92838 | 93465 | 92936 | 0.52 | cps |
| Zirconium | 91-1 | 20421 | 22941 | 20785 | 21382 | 6.37 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:02:28 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2559231 | 2526765 | 2526888 | 2537628 | 0.74 | cps |
| Antimony | 121-1 | 176871 | 179336 | 179138 | 178448 | 0.77 | cps |
| Arsenic | 75-2 | 44146 | 43667 | 43965 | 43926 | 0.55 | cps |
| Barium | 135-1 | 110941 | 110922 | 109524 | 110462 | 0.74 | cps |
| Barium | 137-1 | 189964 | 192427 | 194405 | 192266 | 1.16 | cps |
| Beryllium | 9-1 | 420 | 433 | 433 | 429 | 1.79 | cps |
| Bismuth | 209-1 | 10094007 | 10241502 | 10008283 | 10114597 | 1.17 | cps |
| Bismuth | 209-2 | 8445385 | 8526447 | 8504990 | 8492274 | 0.49 | cps |
| Bromine | 81-1 | 66549 | 69573 | 69683 | 68602 | 2.59 | cps |
| Bromine | 81-2 | 11585 | 11064 | 11024 | 11224 | 2.79 | cps |
| Cadmium | 108-1 | 313 | 237 | 260 | 270 | 14.56 | cps |
| Cadmium | 106-1 | 4914 | 5174 | 4918 | 5002 | 2.98 | cps |
| Cadmium | 111-1 | 3646 | 3832 | 3794 | 3757 | 2.61 | cps |
| Calcium | 43-1 | 205745 | 203549 | 205792 | 205029 | 0.63 | cps |
| Calcium | 44-1 | 3261372 | 3219470 | 3165883 | 3215575 | 1.49 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 150451 | 150444 | 150078 | 150324 | 0.14 | cps |
| Cobalt | 59-2 | 58042 | 57158 | 58159 | 57786 | 0.95 | cps |
| Copper | 63-2 | 5917243 | 5804387 | 5821968 | 5847866 | 1.04 | cps |
| Dysprosium | 156-1 | 23653 | 24318 | 24074 | 24015 | 1.40 | cps |
| Dysprosium | 156-2 | 20862 | 20028 | 20485 | 20458 | 2.04 | cps |
| Erbium | 164-1 | 21133 | 21320 | 21433 | 21295 | 0.71 | cps |
| Erbium | 164-2 | 15632 | 15308 | 15756 | 15565 | 1.48 | cps |
| Gadolinium | 160-1 | 24121 | 25036 | 24081 | 24412 | 2.21 | cps |
| Gadolinium | 160-2 | 18606 | 18536 | 18422 | 18521 | 0.50 | cps |
| Holmium | 165-1 | 16882269 | 16388023 | 16385258 | 16551850 | 1.73 | cps |
| Holmium | 165-2 | 11800950 | 11951700 | 11765569 | 11839406 | 0.83 | cps |
| Indium | 115-1 | 13491842 | 13335703 | 13307800 | 13378448 | 0.74 | cps |
| Indium | 115-2 | 4996378 | 4907704 | 4996691 | 4966924 | 1.03 | cps |
| Iron | 56-2 | 85000255 | 83604520 | 84448000 | 84350925 | 0.83 | cps |
| Iron | 57-2 | 2137192 | 2086421 | 2095514 | 2106375 | 1.29 | cps |
| Iron | 54-2 | 4638550 | 4599270 | 4585381 | 4607734 | 0.60 | cps |
| Krypton | 83-1 | 247 | 240 | 233 | 240 | 2.78 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:02:28 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1591110 | 1595174 | 1578705 | 1588330 | 0.54 | cps |
| Lead | 207-1 | 1353037 | 1363952 | 1375970 | 1364320 | 0.84 | cps |
| Lead | 208-1 | 6435200 | 6460289 | 6495403 | 6463631 | 0.47 | cps |
| Lithium | 6-1 | 1996254 | 1924363 | 1977601 | 1966073 | 1.90 | cps |
| Magnesium | 24-2 | 2520137 | 2486498 | 2505900 | 2504178 | 0.67 | cps |
| Manganese | 55-2 | 512488 | 505615 | 508241 | 508781 | 0.68 | cps |
| Molybdenum | 94-1 | 30469 | 30923 | 31430 | 30941 | 1.56 | cps |
| Molybdenum | 95-1 | 25539 | 26093 | 25522 | 25718 | 1.26 | cps |
| Molybdenum | 96-1 | 31541 | 31283 | 30706 | 31177 | 1.37 | cps |
| Molybdenum | 97-1 | 15715 | 15942 | 16306 | 15988 | 1.86 | cps |
| Molybdenum | 98-1 | 41519 | 41419 | 41689 | 41542 | 0.33 | cps |
| Neodymium | 150-1 | 39064 | 38793 | 38763 | 38873 | 0.43 | cps |
| Neodymium | 150-2 | 23660 | 23283 | 23727 | 23556 | 1.02 | cps |
| Nickel | 60-2 | 37991 | 38406 | 37871 | 38089 | 0.74 | cps |
| Phosphorus | 31-2 | 12005 | 11615 | 12018 | 11879 | 1.93 | cps |
| Potassium | 39-2 | 1155596 | 1150609 | 1145240 | 1150482 | 0.45 | cps |
| Rhodium | 103-1 | 12364891 | 12129279 | 12224268 | 12239480 | 0.97 | cps |
| Rhodium | 103-2 | 7429062 | 7314581 | 7345337 | 7362993 | 0.80 | cps |
| Scandium | 45-1 | 7075963 | 7083544 | 6964257 | 7041255 | 0.95 | cps |
| Scandium | 45-2 | 615194 | 615039 | 611471 | 613901 | 0.34 | cps |
| Selenium | 82-1 | 371 | 382 | 377 | 377 | 1.54 | cps |
| Selenium | 77-2 | 90 | 97 | 63 | 83 | 21.17 | cps |
| Selenium | 78-2 | 550 | 513 | 537 | 533 | 3.48 | cps |
| Silicon | 28-1 | 7776196 | 5885785 | 6274012 | 6645331 | 15.02 | cps |
| Silver | 107-1 | 60733 | 59645 | 59843 | 60074 | 0.96 | cps |
| Silver | 109-1 | 57939 | 57671 | 57159 | 57589 | 0.69 | cps |
| Sodium | 23-2 | 12053749 | 11852601 | 11855458 | 11920602 | 0.97 | cps |
| Strontium | 86-1 | 224360 | 224414 | 223491 | 224088 | 0.23 | cps |
| Strontium | 88-1 | 2010324 | 2009969 | 2014862 | 2011718 | 0.14 | cps |
| Sulfur | 34-1 | 562991 | 560066 | 561585 | 561547 | 0.26 | cps |
| Terbium | 159-1 | 16761946 | 16885461 | 17007286 | 16884898 | 0.73 | cps |
| Terbium | 159-2 | 11807785 | 11649532 | 11650133 | 11702483 | 0.78 | cps |
| Thallium | 203-1 | 3434 | 3374 | 3581 | 3463 | 3.07 | cps |
| Thallium | 205-1 | 8443 | 8296 | 8349 | 8363 | 0.89 | cps |
| Tin | 118-1 | 141568 | 142786 | 143210 | 142521 | 0.60 | cps |
| Titanium | 47-1 | 645760 | 637669 | 637876 | 640435 | 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 : | P5363-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKJ0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:02:28 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39204 | 39131 | 39118 | 39151 | 0.12 | cps |
| Vanadium | 51-2 | 141903 | 139918 | 139760 | 140527 | 0.85 | cps |
| Yttrium | 89-1 | 20646662 | 20283959 | 20346771 | 20425797 | 0.95 | cps |
| Yttrium | 89-2 | 5609013 | 5662614 | 5618370 | 5629999 | 0.51 | cps |
| Zinc | 66-2 | 296063 | 294420 | 293635 | 294706 | 0.42 | cps |
| Zirconium | 90-1 | 43886 | 44528 | 44461 | 44291 | 0.80 | cps |
| Zirconium | 91-1 | 10091 | 9540 | 9747 | 9792 | 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 : | CCV016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:32:10 | DataFile Name : | 135CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12736207 | 12738590 | 12759794 | 12744864 | 0.10 | cps |
| Antimony | 121-1 | 5765455 | 5800521 | 5779408 | 5781795 | 0.31 | cps |
| Arsenic | 75-2 | 276359 | 275371 | 275272 | 275667 | 0.22 | cps |
| Barium | 135-1 | 7537041 | 7542789 | 7464391 | 7514741 | 0.58 | cps |
| Barium | 137-1 | 13049985 | 12909881 | 12909034 | 12956300 | 0.63 | cps |
| Beryllium | 9-1 | 677639 | 673057 | 672590 | 674429 | 0.41 | cps |
| Bismuth | 209-1 | 8790760 | 8470526 | 8464511 | 8575265 | 2.18 | cps |
| Bismuth | 209-2 | 7172980 | 7354420 | 7223283 | 7250228 | 1.29 | cps |
| Bromine | 81-1 | 14137 | 13249 | 12822 | 13403 | 5.00 | cps |
| Bromine | 81-2 | 100 | 157 | 140 | 132 | 22.03 | cps |
| Cadmium | 108-1 | 106759 | 103781 | 102653 | 104397 | 2.03 | cps |
| Cadmium | 106-1 | 152062 | 149689 | 148248 | 150000 | 1.28 | cps |
| Cadmium | 111-1 | 1410181 | 1404499 | 1398281 | 1404320 | 0.42 | cps |
| Calcium | 43-1 | 7577258 | 7313272 | 7203870 | 7364800 | 2.61 | cps |
| Calcium | 44-1 | 121614308 | 118321838 | 115750488 | 118562212 | 2.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2154292 | 2139231 | 2123490 | 2139004 | 0.72 | cps |
| Cobalt | 59-2 | 3310305 | 3290953 | 3281228 | 3294162 | 0.45 | cps |
| Copper | 63-2 | 23018410 | 23281130 | 22862240 | 23053927 | 0.92 | cps |
| Dysprosium | 156-1 | 240 | 297 | 300 | 279 | 12.09 | cps |
| Dysprosium | 156-2 | 543 | 477 | 507 | 509 | 6.56 | cps |
| Erbium | 164-1 | 287 | 323 | 380 | 330 | 14.25 | cps |
| Erbium | 164-2 | 220 | 213 | 267 | 233 | 12.45 | cps |
| Gadolinium | 160-1 | 250 | 253 | 287 | 263 | 7.70 | cps |
| Gadolinium | 160-2 | 757 | 737 | 687 | 727 | 4.96 | cps |
| Holmium | 165-1 | 15518331 | 14776532 | 14820491 | 15038451 | 2.77 | cps |
| Holmium | 165-2 | 10705056 | 10746881 | 10722937 | 10724958 | 0.20 | cps |
| Indium | 115-1 | 11973647 | 11400723 | 11402989 | 11592453 | 2.85 | cps |
| Indium | 115-2 | 4133101 | 4196472 | 4172509 | 4167361 | 0.77 | cps |
| Iron | 56-2 | 504007459 | 501419646 | 497917526 | 501114877 | 0.61 | cps |
| Iron | 57-2 | 12623746 | 12526299 | 12462111 | 12537385 | 0.65 | cps |
| Iron | 54-2 | 27249174 | 27205936 | 27102551 | 27185887 | 0.28 | cps |
| Krypton | 83-1 | 170 | 213 | 187 | 190 | 11.51 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:32:10 | DataFile Name : | 135CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22285764 | 22335479 | 22415651 | 22345631 | 0.29 | cps |
| Lead | 207-1 | 19514348 | 19617546 | 19733379 | 19621758 | 0.56 | cps |
| Lead | 208-1 | 88828223 | 89092913 | 89640982 | 89187372 | 0.46 | cps |
| Lithium | 6-1 | 1744025 | 1731007 | 1723979 | 1733004 | 0.59 | cps |
| Magnesium | 24-2 | 95287519 | 96154432 | 94865112 | 95435687 | 0.69 | cps |
| Manganese | 55-2 | 17576903 | 17498017 | 17324923 | 17466614 | 0.74 | cps |
| Molybdenum | 94-1 | 20226660 | 20150051 | 19543174 | 19973295 | 1.87 | cps |
| Molybdenum | 95-1 | 29452209 | 29037310 | 28471824 | 28987114 | 1.70 | cps |
| Molybdenum | 96-1 | 32282337 | 31782048 | 31497450 | 31853945 | 1.25 | cps |
| Molybdenum | 97-1 | 18236308 | 18007722 | 17879873 | 18041301 | 1.00 | cps |
| Molybdenum | 98-1 | 47269213 | 46269644 | 45515999 | 46351619 | 1.90 | cps |
| Neodymium | 150-1 | 450 | 523 | 493 | 489 | 7.54 | cps |
| Neodymium | 150-2 | 167 | 157 | 140 | 154 | 8.72 | cps |
| Nickel | 60-2 | 781984 | 778135 | 779050 | 779723 | 0.26 | cps |
| Phosphorus | 31-2 | 111223 | 111092 | 111069 | 111128 | 0.07 | cps |
| Potassium | 39-2 | 61810032 | 61226864 | 61734482 | 61590460 | 0.51 | cps |
| Rhodium | 103-1 | 10654131 | 10106218 | 9917803 | 10226051 | 3.74 | cps |
| Rhodium | 103-2 | 5947667 | 5989670 | 5833168 | 5923502 | 1.37 | cps |
| Scandium | 45-1 | 6757256 | 6263389 | 6172046 | 6397564 | 4.92 | cps |
| Scandium | 45-2 | 520808 | 521402 | 516429 | 519546 | 0.52 | cps |
| Selenium | 82-1 | 85202 | 83460 | 82969 | 83877 | 1.40 | cps |
| Selenium | 77-2 | 8819 | 8643 | 9040 | 8834 | 2.25 | cps |
| Selenium | 78-2 | 29920 | 29519 | 29336 | 29592 | 1.01 | cps |
| Silicon | 28-1 | 7638343 | 7345759 | 7145245 | 7376449 | 3.36 | cps |
| Silver | 107-1 | 7246184 | 7057291 | 7018119 | 7107198 | 1.72 | cps |
| Silver | 109-1 | 6937725 | 6740284 | 6637739 | 6771916 | 2.25 | cps |
| Sodium | 23-2 | 154916861 | 155949464 | 155097078 | 155321134 | 0.36 | cps |
| Strontium | 86-1 | 1866607 | 1818279 | 1794857 | 1826581 | 2.00 | cps |
| Strontium | 88-1 | 16207669 | 15828336 | 15846822 | 15960942 | 1.34 | cps |
| Sulfur | 34-1 | 573101 | 549742 | 543841 | 555561 | 2.79 | cps |
| Terbium | 159-1 | 15850980 | 15124179 | 15174388 | 15383182 | 2.64 | cps |
| Terbium | 159-2 | 10563639 | 10535136 | 10446941 | 10515239 | 0.58 | cps |
| Thallium | 203-1 | 5618753 | 5652653 | 5704336 | 5658581 | 0.76 | cps |
| Thallium | 205-1 | 13335846 | 13406904 | 13487832 | 13410194 | 0.57 | cps |
| Tin | 118-1 | 4793743 | 4795094 | 4758483 | 4782440 | 0.43 | cps |
| Titanium | 47-1 | 7215876 | 6923646 | 6861081 | 7000201 | 2.71 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:32:10 | DataFile Name : | 135CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17358169 | 17784131 | 17770459 | 17637586 | 1.37 | cps |
| Vanadium | 51-2 | 1936663 | 1900892 | 1895910 | 1911155 | 1.16 | cps |
| Yttrium | 89-1 | 18784550 | 17814483 | 17539223 | 18046086 | 3.63 | cps |
| Yttrium | 89-2 | 4703208 | 4723455 | 4709550 | 4712071 | 0.22 | cps |
| Zinc | 66-2 | 3968257 | 3982175 | 3920172 | 3956868 | 0.82 | cps |
| Zirconium | 90-1 | 10072788 | 9878683 | 9565041 | 9838837 | 2.60 | cps |
| Zirconium | 91-1 | 2244765 | 2182715 | 2155346 | 2194275 | 2.09 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:35:11 | DataFile Name : | 136CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 367 | 303 | 330 | 333 | 9.54 | cps |
| Antimony | 121-1 | 2254 | 2267 | 1977 | 2166 | 7.56 | cps |
| Arsenic | 75-2 | 43 | 30 | 17 | 30 | 44.43 | cps |
| Barium | 135-1 | 390 | 357 | 210 | 319 | 30.03 | cps |
| Barium | 137-1 | 650 | 513 | 463 | 542 | 17.82 | cps |
| Beryllium | 9-1 | 113 | 110 | 130 | 118 | 9.10 | cps |
| Bismuth | 209-1 | 9557765 | 9579868 | 9519367 | 9552333 | 0.32 | cps |
| Bismuth | 209-2 | 8232936 | 8025357 | 8081445 | 8113246 | 1.32 | cps |
| Bromine | 81-1 | 12269 | 12946 | 12442 | 12552 | 2.80 | cps |
| Bromine | 81-2 | 213 | 173 | 223 | 203 | 13.01 | cps |
| Cadmium | 108-1 | 27 | 3 | 23 | 18 | 71.00 | cps |
| Cadmium | 106-1 | 4124 | 4081 | 3991 | 4065 | 1.67 | cps |
| Cadmium | 111-1 | 921 | 907 | 872 | 900 | 2.83 | cps |
| Calcium | 43-1 | 460 | 440 | 367 | 422 | 11.64 | cps |
| Calcium | 44-1 | 10404 | 9700 | 8933 | 9679 | 7.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1887 | 1900 | 2017 | 1935 | 3.70 | cps |
| Cobalt | 59-2 | 167 | 147 | 127 | 147 | 13.64 | cps |
| Copper | 63-2 | 1527 | 1490 | 1527 | 1515 | 1.40 | cps |
| Dysprosium | 156-1 | 7 | 0 | 10 | 6 | 91.64 | cps |
| Dysprosium | 156-2 | 10 | 0 | 13 | 8 | 89.21 | cps |
| Erbium | 164-1 | 87 | 63 | 60 | 70 | 20.76 | cps |
| Erbium | 164-2 | 53 | 57 | 50 | 53 | 6.25 | cps |
| Gadolinium | 160-1 | 53 | 73 | 100 | 76 | 30.99 | cps |
| Gadolinium | 160-2 | 557 | 490 | 547 | 531 | 6.77 | cps |
| Holmium | 165-1 | 15072237 | 15116425 | 14992363 | 15060342 | 0.42 | cps |
| Holmium | 165-2 | 11218004 | 11121717 | 11087765 | 11142495 | 0.61 | cps |
| Indium | 115-1 | 12258095 | 12078087 | 12068079 | 12134753 | 0.88 | cps |
| Indium | 115-2 | 4572317 | 4602923 | 4601629 | 4592290 | 0.38 | cps |
| Iron | 56-2 | 31269 | 28834 | 27612 | 29239 | 6.37 | cps |
| Iron | 57-2 | 1000 | 1043 | 1140 | 1061 | 6.76 | cps |
| Iron | 54-2 | 2890 | 2824 | 2684 | 2799 | 3.77 | cps |
| Krypton | 83-1 | 127 | 207 | 227 | 187 | 28.35 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:35:11 | DataFile Name : | 136CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2017 | 1957 | 1620 | 1865 | 11.47 | cps |
| Lead | 207-1 | 1600 | 1690 | 1453 | 1581 | 7.56 | cps |
| Lead | 208-1 | 7691 | 7341 | 6721 | 7251 | 6.78 | cps |
| Lithium | 6-1 | 1800113 | 1810987 | 1836337 | 1815812 | 1.02 | cps |
| Magnesium | 24-2 | 2597 | 2217 | 2017 | 2277 | 12.94 | cps |
| Manganese | 55-2 | 667 | 703 | 567 | 646 | 10.96 | cps |
| Molybdenum | 94-1 | 1807 | 1580 | 1283 | 1557 | 16.86 | cps |
| Molybdenum | 95-1 | 2013 | 1767 | 1537 | 1772 | 13.45 | cps |
| Molybdenum | 96-1 | 2357 | 2104 | 1883 | 2115 | 11.20 | cps |
| Molybdenum | 97-1 | 1240 | 1130 | 980 | 1117 | 11.69 | cps |
| Molybdenum | 98-1 | 3404 | 2994 | 2610 | 3003 | 13.22 | cps |
| Neodymium | 150-1 | 10 | 3 | 10 | 8 | 49.52 | cps |
| Neodymium | 150-2 | 7 | 7 | 0 | 4 | 86.60 | cps |
| Nickel | 60-2 | 547 | 513 | 503 | 521 | 4.35 | cps |
| Phosphorus | 31-2 | 93 | 117 | 113 | 108 | 11.71 | cps |
| Potassium | 39-2 | 52032 | 51868 | 51664 | 51855 | 0.36 | cps |
| Rhodium | 103-1 | 11099002 | 11085580 | 10955396 | 11046659 | 0.72 | cps |
| Rhodium | 103-2 | 6666416 | 6793582 | 6723911 | 6727969 | 0.95 | cps |
| Scandium | 45-1 | 6116144 | 6091129 | 6136716 | 6114663 | 0.37 | cps |
| Scandium | 45-2 | 543429 | 536864 | 540954 | 540416 | 0.61 | cps |
| Selenium | 82-1 | 243 | 154 | 124 | 173 | 35.54 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 420 | 410 | 380 | 403 | 5.16 | cps |
| Silicon | 28-1 | 480067 | 483631 | 482015 | 481904 | 0.37 | cps |
| Silver | 107-1 | 837 | 683 | 560 | 693 | 19.99 | cps |
| Silver | 109-1 | 753 | 593 | 527 | 624 | 18.66 | cps |
| Sodium | 23-2 | 27631 | 27084 | 26837 | 27184 | 1.50 | cps |
| Strontium | 86-1 | 373 | 440 | 413 | 409 | 8.21 | cps |
| Strontium | 88-1 | 867 | 813 | 707 | 796 | 10.24 | cps |
| Sulfur | 34-1 | 160307 | 159981 | 161499 | 160596 | 0.50 | cps |
| Terbium | 159-1 | 15804469 | 15506271 | 15381517 | 15564086 | 1.40 | cps |
| Terbium | 159-2 | 10830404 | 10869967 | 10799704 | 10833359 | 0.33 | cps |
| Thallium | 203-1 | 947 | 777 | 853 | 859 | 9.91 | cps |
| Thallium | 205-1 | 2534 | 2130 | 2074 | 2246 | 11.17 | cps |
| Tin | 118-1 | 1573 | 1543 | 1373 | 1497 | 7.21 | cps |
| Titanium | 47-1 | 430 | 350 | 263 | 348 | 23.97 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB016 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:35:11 | DataFile Name : | 136CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 980 | 730 | 660 | 790 | 21.30 | cps |
| Vanadium | 51-2 | 43 | 43 | 40 | 42 | 4.55 | cps |
| Yttrium | 89-1 | 17895406 | 17923413 | 17852467 | 17890429 | 0.20 | cps |
| Yttrium | 89-2 | 4962687 | 5031172 | 5007257 | 5000372 | 0.70 | cps |
| Zinc | 66-2 | 283 | 280 | 240 | 268 | 9.01 | cps |
| Zirconium | 90-1 | 1323 | 1357 | 1250 | 1310 | 4.17 | cps |
| Zirconium | 91-1 | 297 | 300 | 323 | 307 | 4.74 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:41:08 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4454380 | 4550005 | 4472083 | 4492156 | 1.13 | cps |
| Antimony | 121-1 | 27018735 | 27783461 | 27864795 | 27555664 | 1.69 | cps |
| Arsenic | 75-2 | 4124387 | 4057526 | 4162191 | 4114701 | 1.29 | cps |
| Barium | 135-1 | 678337 | 700181 | 698748 | 692422 | 1.76 | cps |
| Barium | 137-1 | 1181099 | 1205744 | 1209095 | 1198646 | 1.28 | cps |
| Beryllium | 9-1 | 2100 | 2104 | 2134 | 2112 | 0.87 | cps |
| Bismuth | 209-1 | 10310743 | 10096359 | 10284604 | 10230569 | 1.14 | cps |
| Bismuth | 209-2 | 8650487 | 8638749 | 8497019 | 8595418 | 0.99 | cps |
| Bromine | 81-1 | 38991 | 40970 | 41625 | 40529 | 3.38 | cps |
| Bromine | 81-2 | 6211 | 5901 | 6228 | 6114 | 3.01 | cps |
| Cadmium | 108-1 | 27489 | 28244 | 29029 | 28254 | 2.72 | cps |
| Cadmium | 106-1 | 42295 | 42683 | 44075 | 43017 | 2.18 | cps |
| Cadmium | 111-1 | 380683 | 386635 | 393774 | 387031 | 1.69 | cps |
| Calcium | 43-1 | 1512363 | 1583602 | 1566137 | 1554034 | 2.39 | cps |
| Calcium | 44-1 | 24067406 | 25028308 | 25059608 | 24718441 | 2.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1444213 | 1465591 | 1459132 | 1456312 | 0.75 | cps |
| Cobalt | 59-2 | 4078850 | 4080446 | 4084741 | 4081346 | 0.07 | cps |
| Copper | 63-2 | 13014979 | 13037142 | 13160539 | 13070886 | 0.60 | cps |
| Dysprosium | 156-1 | 28703 | 29043 | 29013 | 28920 | 0.65 | cps |
| Dysprosium | 156-2 | 24909 | 25830 | 25867 | 25535 | 2.13 | cps |
| Erbium | 164-1 | 28416 | 28442 | 28786 | 28548 | 0.72 | cps |
| Erbium | 164-2 | 21567 | 20983 | 21046 | 21198 | 1.51 | cps |
| Gadolinium | 160-1 | 27871 | 28920 | 28399 | 28397 | 1.85 | cps |
| Gadolinium | 160-2 | 22845 | 22498 | 22238 | 22527 | 1.35 | cps |
| Holmium | 165-1 | 16288266 | 16177796 | 16361639 | 16275900 | 0.57 | cps |
| Holmium | 165-2 | 12086285 | 11909571 | 11930406 | 11975421 | 0.81 | cps |
| Indium | 115-1 | 14936461 | 15041230 | 15454425 | 15144038 | 1.81 | cps |
| Indium | 115-2 | 5816814 | 5821099 | 5818132 | 5818682 | 0.04 | cps |
| Iron | 56-2 | 854954601 | 848038974 | 846547267 | 849846947 | 0.53 | cps |
| Iron | 57-2 | 21038094 | 20997153 | 21224510 | 21086586 | 0.57 | cps |
| Iron | 54-2 | 46413081 | 45955373 | 46482009 | 46283488 | 0.62 | cps |
| Krypton | 83-1 | 243 | 213 | 213 | 223 | 7.76 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:41:08 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35314609 | 35780160 | 35404992 | 35499920 | 0.70 | cps |
| Lead | 207-1 | 30632385 | 30935200 | 30991111 | 30852899 | 0.63 | cps |
| Lead | 208-1 | 140684368 | 141669160 | 140409764 | 140921097 | 0.47 | cps |
| Lithium | 6-1 | 1907456 | 1888953 | 1926913 | 1907774 | 0.99 | cps |
| Magnesium | 24-2 | 3152581 | 3197424 | 3184763 | 3178256 | 0.73 | cps |
| Manganese | 55-2 | 3046601 | 3041695 | 3036030 | 3041442 | 0.17 | cps |
| Molybdenum | 94-1 | 1659590 | 1696616 | 1758391 | 1704865 | 2.93 | cps |
| Molybdenum | 95-1 | 2654197 | 2797707 | 2779088 | 2743664 | 2.84 | cps |
| Molybdenum | 96-1 | 2947004 | 3037451 | 3023107 | 3002521 | 1.62 | cps |
| Molybdenum | 97-1 | 1693170 | 1724775 | 1751745 | 1723230 | 1.70 | cps |
| Molybdenum | 98-1 | 4319627 | 4411970 | 4422127 | 4384575 | 1.29 | cps |
| Neodymium | 150-1 | 45129 | 45272 | 45841 | 45414 | 0.83 | cps |
| Neodymium | 150-2 | 28893 | 29341 | 28629 | 28954 | 1.24 | cps |
| Nickel | 60-2 | 158490 | 155621 | 158426 | 157512 | 1.04 | cps |
| Phosphorus | 31-2 | 14524 | 14033 | 14624 | 14394 | 2.20 | cps |
| Potassium | 39-2 | 2269102 | 2272179 | 2274150 | 2271810 | 0.11 | cps |
| Rhodium | 103-1 | 11822944 | 11719534 | 12106436 | 11882971 | 1.69 | cps |
| Rhodium | 103-2 | 7381252 | 7476188 | 7408376 | 7421938 | 0.66 | cps |
| Scandium | 45-1 | 6945843 | 6959128 | 7175112 | 7026694 | 1.83 | cps |
| Scandium | 45-2 | 647093 | 644444 | 642617 | 644718 | 0.35 | cps |
| Selenium | 82-1 | 45537 | 47235 | 47738 | 46837 | 2.46 | cps |
| Selenium | 77-2 | 5531 | 5458 | 5434 | 5474 | 0.92 | cps |
| Selenium | 78-2 | 18388 | 18318 | 18822 | 18509 | 1.47 | cps |
| Silicon | 28-1 | 53040913 | 54832199 | 56650659 | 54841257 | 3.29 | cps |
| Silver | 107-1 | 82419 | 84165 | 83736 | 83440 | 1.09 | cps |
| Silver | 109-1 | 76779 | 78622 | 80277 | 78559 | 2.23 | cps |
| Sodium | 23-2 | 8858965 | 8959564 | 8916072 | 8911533 | 0.57 | cps |
| Strontium | 86-1 | 909311 | 938422 | 945217 | 930983 | 2.05 | cps |
| Strontium | 88-1 | 8175565 | 8483503 | 8402933 | 8354000 | 1.91 | cps |
| Sulfur | 34-1 | 346561 | 357527 | 359144 | 354410 | 1.93 | cps |
| Terbium | 159-1 | 16575810 | 16654523 | 16895094 | 16708475 | 1.00 | cps |
| Terbium | 159-2 | 11819577 | 11855122 | 11699122 | 11791274 | 0.69 | cps |
| Thallium | 203-1 | 2291341 | 2275127 | 2301625 | 2289364 | 0.58 | cps |
| Thallium | 205-1 | 5392036 | 5487297 | 5455886 | 5445073 | 0.89 | cps |
| Tin | 118-1 | 4996520 | 5086140 | 5154049 | 5078903 | 1.56 | cps |
| Titanium | 47-1 | 1101560 | 1140567 | 1159866 | 1133998 | 2.62 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:41:08 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 189398 | 188047 | 190303 | 189249 | 0.60 | cps |
| Vanadium | 51-2 | 204516 | 208986 | 208094 | 207198 | 1.14 | cps |
| Yttrium | 89-1 | 19781319 | 20199987 | 20601016 | 20194108 | 2.03 | cps |
| Yttrium | 89-2 | 5771169 | 5890125 | 5738875 | 5800056 | 1.37 | cps |
| Zinc | 66-2 | 11987041 | 12043660 | 12186161 | 12072287 | 0.85 | cps |
| Zirconium | 90-1 | 375483 | 391309 | 396526 | 387773 | 2.83 | cps |
| Zirconium | 91-1 | 92392 | 92298 | 93683 | 92791 | 0.83 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:43:58 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3267884 | 3236263 | 3185877 | 3230008 | 1.28 | cps |
| Antimony | 121-1 | 64802 | 62696 | 58241 | 61913 | 5.41 | cps |
| Arsenic | 75-2 | 169007 | 166692 | 165707 | 167135 | 1.01 | cps |
| Barium | 135-1 | 579058 | 577360 | 580688 | 579035 | 0.29 | cps |
| Barium | 137-1 | 1007861 | 1006781 | 1003418 | 1006020 | 0.23 | cps |
| Beryllium | 9-1 | 1390 | 1417 | 1263 | 1357 | 6.04 | cps |
| Bismuth | 209-1 | 9906762 | 9871298 | 9794065 | 9857375 | 0.58 | cps |
| Bismuth | 209-2 | 8261074 | 8263092 | 8185026 | 8236397 | 0.54 | cps |
| Bromine | 81-1 | 19299 | 18719 | 18919 | 18979 | 1.55 | cps |
| Bromine | 81-2 | 957 | 1057 | 1053 | 1022 | 5.56 | cps |
| Cadmium | 108-1 | 22030 | 22164 | 21479 | 21891 | 1.66 | cps |
| Cadmium | 106-1 | 36248 | 35039 | 35306 | 35531 | 1.79 | cps |
| Cadmium | 111-1 | 325900 | 326650 | 325483 | 326011 | 0.18 | cps |
| Calcium | 43-1 | 2379812 | 2305329 | 2285108 | 2323416 | 2.15 | cps |
| Calcium | 44-1 | 37348865 | 36932019 | 36732180 | 37004355 | 0.85 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 216341 | 214672 | 212630 | 214548 | 0.87 | cps |
| Cobalt | 59-2 | 139505 | 137990 | 136618 | 138038 | 1.05 | cps |
| Copper | 63-2 | 233370 | 232233 | 232506 | 232703 | 0.26 | cps |
| Dysprosium | 156-1 | 55606 | 55656 | 55402 | 55555 | 0.24 | cps |
| Dysprosium | 156-2 | 46423 | 45681 | 46460 | 46188 | 0.95 | cps |
| Erbium | 164-1 | 47832 | 47631 | 47958 | 47807 | 0.35 | cps |
| Erbium | 164-2 | 34366 | 34011 | 34185 | 34187 | 0.52 | cps |
| Gadolinium | 160-1 | 54355 | 54077 | 54729 | 54387 | 0.60 | cps |
| Gadolinium | 160-2 | 40652 | 41033 | 41097 | 40927 | 0.59 | cps |
| Holmium | 165-1 | 16297569 | 16301362 | 16323571 | 16307500 | 0.09 | cps |
| Holmium | 165-2 | 11815934 | 11595794 | 11620156 | 11677295 | 1.03 | cps |
| Indium | 115-1 | 13057814 | 12980742 | 13036966 | 13025174 | 0.31 | cps |
| Indium | 115-2 | 4792573 | 4867807 | 4783096 | 4814492 | 0.96 | cps |
| Iron | 56-2 | 189457484 | 189577864 | 186191684 | 188409011 | 1.02 | cps |
| Iron | 57-2 | 4743941 | 4675827 | 4706189 | 4708652 | 0.72 | cps |
| Iron | 54-2 | 10264317 | 10321123 | 10203268 | 10262903 | 0.57 | cps |
| Krypton | 83-1 | 257 | 253 | 337 | 282 | 16.72 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:43:58 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 817567 | 816899 | 819815 | 818094 | 0.19 | cps |
| Lead | 207-1 | 663840 | 659589 | 658711 | 660713 | 0.42 | cps |
| Lead | 208-1 | 3104823 | 3114177 | 3105666 | 3108222 | 0.17 | cps |
| Lithium | 6-1 | 1917099 | 1888128 | 1908035 | 1904421 | 0.78 | cps |
| Magnesium | 24-2 | 14282028 | 14281455 | 14072740 | 14212074 | 0.85 | cps |
| Manganese | 55-2 | 6329706 | 6325156 | 6265631 | 6306831 | 0.57 | cps |
| Molybdenum | 94-1 | 42595 | 42959 | 41856 | 42470 | 1.32 | cps |
| Molybdenum | 95-1 | 24207 | 25395 | 23115 | 24239 | 4.70 | cps |
| Molybdenum | 96-1 | 33275 | 34270 | 31220 | 32921 | 4.72 | cps |
| Molybdenum | 97-1 | 14524 | 15195 | 14611 | 14777 | 2.47 | cps |
| Molybdenum | 98-1 | 37876 | 38863 | 36997 | 37912 | 2.46 | cps |
| Neodymium | 150-1 | 86402 | 86956 | 86707 | 86688 | 0.32 | cps |
| Neodymium | 150-2 | 52092 | 52457 | 52069 | 52206 | 0.42 | cps |
| Nickel | 60-2 | 103296 | 103628 | 103349 | 103424 | 0.17 | cps |
| Phosphorus | 31-2 | 12775 | 12322 | 11938 | 12345 | 3.40 | cps |
| Potassium | 39-2 | 1188757 | 1177012 | 1173493 | 1179754 | 0.68 | cps |
| Rhodium | 103-1 | 11996639 | 11790889 | 11728166 | 11838565 | 1.19 | cps |
| Rhodium | 103-2 | 7122586 | 7175870 | 6952013 | 7083490 | 1.65 | cps |
| Scandium | 45-1 | 7104930 | 6948253 | 6882359 | 6978514 | 1.64 | cps |
| Scandium | 45-2 | 593698 | 585637 | 585240 | 588191 | 0.81 | cps |
| Selenium | 82-1 | 47504 | 46858 | 46805 | 47056 | 0.83 | cps |
| Selenium | 77-2 | 5358 | 5141 | 4984 | 5161 | 3.63 | cps |
| Selenium | 78-2 | 17400 | 17801 | 17404 | 17535 | 1.31 | cps |
| Silicon | 28-1 | 29303972 | 28448943 | 28754988 | 28835968 | 1.50 | cps |
| Silver | 107-1 | 5271 | 5278 | 4828 | 5125 | 5.03 | cps |
| Silver | 109-1 | 5081 | 4871 | 4634 | 4862 | 4.60 | cps |
| Sodium | 23-2 | 148743 | 149393 | 148096 | 148744 | 0.44 | cps |
| Strontium | 86-1 | 301192 | 299349 | 295742 | 298761 | 0.93 | cps |
| Strontium | 88-1 | 2737143 | 2694099 | 2662427 | 2697890 | 1.39 | cps |
| Sulfur | 34-1 | 234292 | 231649 | 230022 | 231988 | 0.93 | cps |
| Terbium | 159-1 | 17061383 | 16956175 | 16780874 | 16932810 | 0.84 | cps |
| Terbium | 159-2 | 11495279 | 11491129 | 11546541 | 11510983 | 0.27 | cps |
| Thallium | 203-1 | 2189602 | 2200051 | 2225450 | 2205034 | 0.84 | cps |
| Thallium | 205-1 | 5187704 | 5294344 | 5264231 | 5248759 | 1.05 | cps |
| Tin | 118-1 | 19006 | 18706 | 17925 | 18545 | 3.01 | cps |
| Titanium | 47-1 | 320574 | 320322 | 317997 | 319631 | 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 : | P5266-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:43:58 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 42856 | 43197 | 43194 | 43082 | 0.45 | cps |
| Vanadium | 51-2 | 162754 | 161850 | 161261 | 161955 | 0.46 | cps |
| Yttrium | 89-1 | 20691020 | 20555469 | 20277601 | 20508030 | 1.03 | cps |
| Yttrium | 89-2 | 5514184 | 5559813 | 5457046 | 5510348 | 0.93 | cps |
| Zinc | 66-2 | 464912 | 463969 | 458169 | 462350 | 0.79 | cps |
| Zirconium | 90-1 | 77409 | 79062 | 77298 | 77923 | 1.27 | cps |
| Zirconium | 91-1 | 17294 | 17043 | 17484 | 17274 | 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 : | P5352-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:47:06 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6041571 | 6091726 | 6103124 | 6078807 | 0.54 | cps |
| Antimony | 121-1 | 59563 | 62077 | 62639 | 61426 | 2.67 | cps |
| Arsenic | 75-2 | 171032 | 171252 | 171100 | 171128 | 0.07 | cps |
| Barium | 135-1 | 770721 | 806437 | 802520 | 793226 | 2.47 | cps |
| Barium | 137-1 | 1344343 | 1409183 | 1398945 | 1384157 | 2.52 | cps |
| Beryllium | 9-1 | 2047 | 2127 | 1993 | 2056 | 3.26 | cps |
| Bismuth | 209-1 | 10858474 | 9926512 | 9794335 | 10193107 | 5.69 | cps |
| Bismuth | 209-2 | 8300242 | 8159823 | 8309628 | 8256564 | 1.02 | cps |
| Bromine | 81-1 | 15909 | 16296 | 16329 | 16178 | 1.44 | cps |
| Bromine | 81-2 | 560 | 493 | 627 | 560 | 11.90 | cps |
| Cadmium | 108-1 | 20655 | 21630 | 21179 | 21154 | 2.31 | cps |
| Cadmium | 106-1 | 33910 | 35072 | 34427 | 34470 | 1.69 | cps |
| Cadmium | 111-1 | 302363 | 317149 | 316617 | 312043 | 2.69 | cps |
| Calcium | 43-1 | 2794778 | 2868518 | 2835883 | 2833060 | 1.30 | cps |
| Calcium | 44-1 | 44727623 | 46173933 | 45425783 | 45442446 | 1.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 213549 | 212089 | 211436 | 212358 | 0.51 | cps |
| Cobalt | 59-2 | 213560 | 212844 | 211404 | 212603 | 0.52 | cps |
| Copper | 63-2 | 266364 | 265797 | 263242 | 265134 | 0.63 | cps |
| Dysprosium | 156-1 | 77017 | 80318 | 80670 | 79335 | 2.54 | cps |
| Dysprosium | 156-2 | 65324 | 65053 | 64507 | 64961 | 0.64 | cps |
| Erbium | 164-1 | 63564 | 68246 | 67666 | 66492 | 3.84 | cps |
| Erbium | 164-2 | 48199 | 47955 | 46992 | 47716 | 1.34 | cps |
| Gadolinium | 160-1 | 75676 | 79725 | 80818 | 78740 | 3.44 | cps |
| Gadolinium | 160-2 | 59743 | 58609 | 59204 | 59185 | 0.96 | cps |
| Holmium | 165-1 | 18191229 | 16461205 | 16235976 | 16962803 | 6.31 | cps |
| Holmium | 165-2 | 11798148 | 11544534 | 11694140 | 11678941 | 1.09 | cps |
| Indium | 115-1 | 14401871 | 13118336 | 12910198 | 13476801 | 5.99 | cps |
| Indium | 115-2 | 4773301 | 4676163 | 4703994 | 4717819 | 1.06 | cps |
| Iron | 56-2 | 239491683 | 239459370 | 237664430 | 238871828 | 0.44 | cps |
| Iron | 57-2 | 5961123 | 5997863 | 5950711 | 5969899 | 0.41 | cps |
| Iron | 54-2 | 13121942 | 12944726 | 12857982 | 12974884 | 1.04 | cps |
| Krypton | 83-1 | 260 | 223 | 307 | 263 | 15.86 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:47:06 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 349190 | 360970 | 362639 | 357600 | 2.05 | cps |
| Lead | 207-1 | 277757 | 289703 | 290562 | 286007 | 2.50 | cps |
| Lead | 208-1 | 1318400 | 1362351 | 1372528 | 1351093 | 2.13 | cps |
| Lithium | 6-1 | 2116444 | 1937466 | 1937252 | 1997054 | 5.18 | cps |
| Magnesium | 24-2 | 15358736 | 15196802 | 15108197 | 15221245 | 0.83 | cps |
| Manganese | 55-2 | 3838234 | 3798149 | 3754534 | 3796972 | 1.10 | cps |
| Molybdenum | 94-1 | 59895 | 62094 | 62623 | 61538 | 2.35 | cps |
| Molybdenum | 95-1 | 17210 | 18398 | 17881 | 17830 | 3.34 | cps |
| Molybdenum | 96-1 | 29099 | 30656 | 30756 | 30170 | 3.08 | cps |
| Molybdenum | 97-1 | 10971 | 11551 | 11094 | 11205 | 2.73 | cps |
| Molybdenum | 98-1 | 27249 | 28925 | 28304 | 28159 | 3.01 | cps |
| Neodymium | 150-1 | 116971 | 122795 | 121915 | 120560 | 2.60 | cps |
| Neodymium | 150-2 | 74254 | 73822 | 73206 | 73760 | 0.71 | cps |
| Nickel | 60-2 | 137039 | 136165 | 137587 | 136930 | 0.52 | cps |
| Phosphorus | 31-2 | 13556 | 12882 | 13623 | 13354 | 3.07 | cps |
| Potassium | 39-2 | 2049884 | 2028842 | 1999796 | 2026174 | 1.24 | cps |
| Rhodium | 103-1 | 13125081 | 11872105 | 11689198 | 12228795 | 6.39 | cps |
| Rhodium | 103-2 | 6984173 | 6847778 | 6925380 | 6919110 | 0.99 | cps |
| Scandium | 45-1 | 7829958 | 6890319 | 6838482 | 7186253 | 7.77 | cps |
| Scandium | 45-2 | 593952 | 581005 | 582413 | 585790 | 1.21 | cps |
| Selenium | 82-1 | 44191 | 45258 | 45495 | 44981 | 1.54 | cps |
| Selenium | 77-2 | 4958 | 5211 | 4874 | 5014 | 3.50 | cps |
| Selenium | 78-2 | 16813 | 16793 | 16449 | 16685 | 1.23 | cps |
| Silicon | 28-1 | 11762063 | 14638802 | 10013198 | 12138021 | 19.24 | cps |
| Silver | 107-1 | 2254 | 2367 | 2390 | 2337 | 3.13 | cps |
| Silver | 109-1 | 2040 | 2200 | 2197 | 2146 | 4.26 | cps |
| Sodium | 23-2 | 201984 | 207649 | 201520 | 203717 | 1.68 | cps |
| Strontium | 86-1 | 483246 | 501627 | 496364 | 493746 | 1.92 | cps |
| Strontium | 88-1 | 4360443 | 4515796 | 4598413 | 4491551 | 2.69 | cps |
| Sulfur | 34-1 | 233592 | 234600 | 230959 | 233050 | 0.81 | cps |
| Terbium | 159-1 | 18409271 | 17118935 | 16715529 | 17414578 | 5.08 | cps |
| Terbium | 159-2 | 11456937 | 11319864 | 11391612 | 11389471 | 0.60 | cps |
| Thallium | 203-1 | 2085705 | 2157479 | 2167905 | 2137030 | 2.09 | cps |
| Thallium | 205-1 | 5042402 | 5156942 | 5241600 | 5146981 | 1.94 | cps |
| Tin | 118-1 | 11585 | 11958 | 11518 | 11687 | 2.03 | cps |
| Titanium | 47-1 | 358320 | 370706 | 374920 | 367982 | 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 : | P5352-04ARE | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:47:06 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 65387 | 69290 | 68911 | 67863 | 3.17 | cps |
| Vanadium | 51-2 | 230905 | 229929 | 228416 | 229750 | 0.55 | cps |
| Yttrium | 89-1 | 22990580 | 20468106 | 20384379 | 21281022 | 6.96 | cps |
| Yttrium | 89-2 | 5473706 | 5442749 | 5424083 | 5446846 | 0.46 | cps |
| Zinc | 66-2 | 150102 | 149052 | 146911 | 148688 | 1.09 | cps |
| Zirconium | 90-1 | 135985 | 142968 | 141251 | 140068 | 2.60 | cps |
| Zirconium | 91-1 | 30913 | 32299 | 32055 | 31756 | 2.33 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:50:17 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7805061 | 7928522 | 7814049 | 7849211 | 0.88 | cps |
| Antimony | 121-1 | 58679 | 59419 | 61106 | 59734 | 2.08 | cps |
| Arsenic | 75-2 | 191857 | 192038 | 192308 | 192068 | 0.12 | cps |
| Barium | 135-1 | 319848 | 323618 | 325846 | 323104 | 0.94 | cps |
| Barium | 137-1 | 557362 | 568927 | 564045 | 563445 | 1.03 | cps |
| Beryllium | 9-1 | 1443 | 1520 | 1590 | 1518 | 4.83 | cps |
| Bismuth | 209-1 | 10085183 | 10000644 | 10011696 | 10032508 | 0.46 | cps |
| Bismuth | 209-2 | 8461951 | 8507363 | 8535064 | 8501459 | 0.43 | cps |
| Bromine | 81-1 | 19697 | 20561 | 20478 | 20245 | 2.36 | cps |
| Bromine | 81-2 | 1267 | 1517 | 1240 | 1341 | 11.38 | cps |
| Cadmium | 108-1 | 27580 | 27757 | 28154 | 27830 | 1.06 | cps |
| Cadmium | 106-1 | 42358 | 43763 | 42515 | 42879 | 1.79 | cps |
| Cadmium | 111-1 | 398289 | 404468 | 406970 | 403242 | 1.11 | cps |
| Calcium | 43-1 | 417830 | 427502 | 434649 | 426660 | 1.98 | cps |
| Calcium | 44-1 | 6446598 | 6606155 | 6714462 | 6589072 | 2.04 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 159341 | 160093 | 159139 | 159524 | 0.31 | cps |
| Cobalt | 59-2 | 260761 | 260846 | 259408 | 260339 | 0.31 | cps |
| Copper | 63-2 | 547896 | 544647 | 548585 | 547043 | 0.38 | cps |
| Dysprosium | 156-1 | 48865 | 49149 | 49042 | 49018 | 0.29 | cps |
| Dysprosium | 156-2 | 40060 | 40371 | 40993 | 40475 | 1.17 | cps |
| Erbium | 164-1 | 48246 | 50150 | 50150 | 49515 | 2.22 | cps |
| Erbium | 164-2 | 36340 | 35114 | 35822 | 35759 | 1.72 | cps |
| Gadolinium | 160-1 | 47179 | 48591 | 48544 | 48105 | 1.67 | cps |
| Gadolinium | 160-2 | 36601 | 36417 | 36501 | 36506 | 0.25 | cps |
| Holmium | 165-1 | 16713256 | 16523179 | 16580921 | 16605785 | 0.59 | cps |
| Holmium | 165-2 | 11993563 | 11881186 | 12122657 | 11999136 | 1.01 | cps |
| Indium | 115-1 | 13256062 | 13058881 | 13197695 | 13170879 | 0.77 | cps |
| Indium | 115-2 | 5094972 | 5019858 | 5007966 | 5040932 | 0.94 | cps |
| Iron | 56-2 | 244848270 | 243417436 | 245201950 | 244489219 | 0.39 | cps |
| Iron | 57-2 | 6126086 | 6065118 | 6033361 | 6074855 | 0.78 | cps |
| Iron | 54-2 | 13282379 | 13371192 | 13393221 | 13348931 | 0.44 | cps |
| Krypton | 83-1 | 270 | 323 | 260 | 284 | 11.97 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:50:17 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 940107 | 955625 | 945450 | 947061 | 0.83 | cps |
| Lead | 207-1 | 784234 | 794067 | 789283 | 789195 | 0.62 | cps |
| Lead | 208-1 | 3765965 | 3789701 | 3785825 | 3780497 | 0.34 | cps |
| Lithium | 6-1 | 1932323 | 1878636 | 1972276 | 1927745 | 2.44 | cps |
| Magnesium | 24-2 | 6164076 | 6140145 | 6176074 | 6160098 | 0.30 | cps |
| Manganese | 55-2 | 3553844 | 3539559 | 3572695 | 3555366 | 0.47 | cps |
| Molybdenum | 94-1 | 43020 | 42903 | 44053 | 43325 | 1.46 | cps |
| Molybdenum | 95-1 | 5254 | 5438 | 5604 | 5432 | 3.22 | cps |
| Molybdenum | 96-1 | 15311 | 15815 | 15652 | 15593 | 1.65 | cps |
| Molybdenum | 97-1 | 3257 | 3184 | 3307 | 3249 | 1.91 | cps |
| Molybdenum | 98-1 | 8593 | 8543 | 8713 | 8616 | 1.01 | cps |
| Neodymium | 150-1 | 69915 | 71172 | 72414 | 71167 | 1.76 | cps |
| Neodymium | 150-2 | 44363 | 44172 | 43841 | 44125 | 0.60 | cps |
| Nickel | 60-2 | 82633 | 81466 | 82468 | 82189 | 0.77 | cps |
| Phosphorus | 31-2 | 10594 | 10844 | 10664 | 10700 | 1.21 | cps |
| Potassium | 39-2 | 619190 | 616064 | 610772 | 615342 | 0.69 | cps |
| Rhodium | 103-1 | 12013044 | 12238304 | 12250744 | 12167364 | 1.10 | cps |
| Rhodium | 103-2 | 7502487 | 7376795 | 7525243 | 7468175 | 1.07 | cps |
| Scandium | 45-1 | 7119799 | 7180367 | 7261452 | 7187206 | 0.99 | cps |
| Scandium | 45-2 | 645061 | 645267 | 643947 | 644759 | 0.11 | cps |
| Selenium | 82-1 | 57943 | 59264 | 60398 | 59201 | 2.08 | cps |
| Selenium | 77-2 | 6758 | 6768 | 6632 | 6719 | 1.13 | cps |
| Selenium | 78-2 | 22203 | 23101 | 22400 | 22568 | 2.09 | cps |
| Silicon | 28-1 | 13025351 | 13282205 | 13346305 | 13217953 | 1.28 | cps |
| Silver | 107-1 | 1310 | 1230 | 1313 | 1285 | 3.67 | cps |
| Silver | 109-1 | 6211 | 1080 | 1293 | 2862 | 101.44 | cps |
| Sodium | 23-2 | 205484 | 203347 | 203158 | 203996 | 0.63 | cps |
| Strontium | 86-1 | 288292 | 296539 | 296485 | 293772 | 1.62 | cps |
| Strontium | 88-1 | 2575181 | 2633541 | 2671285 | 2626669 | 1.84 | cps |
| Sulfur | 34-1 | 181972 | 179393 | 173074 | 178147 | 2.57 | cps |
| Terbium | 159-1 | 17044671 | 17068594 | 16934638 | 17015968 | 0.42 | cps |
| Terbium | 159-2 | 11928915 | 11677641 | 11783806 | 11796788 | 1.07 | cps |
| Thallium | 203-1 | 2557439 | 2628008 | 2581938 | 2589129 | 1.38 | cps |
| Thallium | 205-1 | 6065089 | 6254921 | 6135917 | 6151976 | 1.56 | cps |
| Tin | 118-1 | 20087 | 19797 | 20628 | 20171 | 2.09 | cps |
| Titanium | 47-1 | 376453 | 381874 | 384477 | 380935 | 1.07 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:50:17 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 38853 | 39101 | 37790 | 38581 | 1.80 | cps |
| Vanadium | 51-2 | 551856 | 550145 | 549369 | 550457 | 0.23 | cps |
| Yttrium | 89-1 | 20703067 | 20748126 | 21084011 | 20845068 | 1.00 | cps |
| Yttrium | 89-2 | 5794595 | 5734163 | 5877278 | 5802012 | 1.24 | cps |
| Zinc | 66-2 | 120269 | 120793 | 120346 | 120470 | 0.23 | cps |
| Zirconium | 90-1 | 108229 | 112356 | 111087 | 110557 | 1.91 | cps |
| Zirconium | 91-1 | 24213 | 24948 | 25162 | 24775 | 2.01 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:53:25 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5362972 | 5322663 | 5465625 | 5383754 | 1.37 | cps |
| Antimony | 121-1 | 57829 | 58123 | 57628 | 57860 | 0.43 | cps |
| Arsenic | 75-2 | 148945 | 147282 | 149710 | 148645 | 0.84 | cps |
| Barium | 135-1 | 459587 | 463491 | 460831 | 461303 | 0.43 | cps |
| Barium | 137-1 | 789010 | 798304 | 803692 | 797002 | 0.93 | cps |
| Beryllium | 9-1 | 1190 | 1157 | 1150 | 1166 | 1.84 | cps |
| Bismuth | 209-1 | 10279151 | 9916980 | 9859602 | 10018578 | 2.27 | cps |
| Bismuth | 209-2 | 8380555 | 8266547 | 8235662 | 8294255 | 0.92 | cps |
| Bromine | 81-1 | 15411 | 15792 | 14674 | 15292 | 3.72 | cps |
| Bromine | 81-2 | 367 | 453 | 393 | 404 | 10.98 | cps |
| Cadmium | 108-1 | 22034 | 22127 | 22578 | 22246 | 1.31 | cps |
| Cadmium | 106-1 | 36857 | 37111 | 35854 | 36607 | 1.81 | cps |
| Cadmium | 111-1 | 312558 | 315999 | 316551 | 315036 | 0.69 | cps |
| Calcium | 43-1 | 436131 | 440069 | 442378 | 439526 | 0.72 | cps |
| Calcium | 44-1 | 6816191 | 6885392 | 6834534 | 6845372 | 0.52 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 133787 | 133454 | 134553 | 133931 | 0.42 | cps |
| Cobalt | 59-2 | 189257 | 190026 | 190506 | 189930 | 0.33 | cps |
| Copper | 63-2 | 343549 | 344876 | 342588 | 343671 | 0.33 | cps |
| Dysprosium | 156-1 | 103437 | 103679 | 104186 | 103767 | 0.37 | cps |
| Dysprosium | 156-2 | 84911 | 85196 | 85421 | 85176 | 0.30 | cps |
| Erbium | 164-1 | 102539 | 103876 | 104883 | 103766 | 1.13 | cps |
| Erbium | 164-2 | 75073 | 74889 | 74899 | 74954 | 0.14 | cps |
| Gadolinium | 160-1 | 105728 | 105785 | 107982 | 106499 | 1.21 | cps |
| Gadolinium | 160-2 | 79926 | 80345 | 81106 | 80459 | 0.74 | cps |
| Holmium | 165-1 | 16983989 | 16352794 | 16597315 | 16644699 | 1.91 | cps |
| Holmium | 165-2 | 11772508 | 11667814 | 11630279 | 11690200 | 0.63 | cps |
| Indium | 115-1 | 13621730 | 13109029 | 12934031 | 13221597 | 2.70 | cps |
| Indium | 115-2 | 4837368 | 4910803 | 4850396 | 4866189 | 0.81 | cps |
| Iron | 56-2 | 248636223 | 250358703 | 251970616 | 250321847 | 0.67 | cps |
| Iron | 57-2 | 6170141 | 6236660 | 6197374 | 6201391 | 0.54 | cps |
| Iron | 54-2 | 13622237 | 13475447 | 13576386 | 13558023 | 0.55 | cps |
| Krypton | 83-1 | 350 | 260 | 283 | 298 | 15.69 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:53:25 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 394409 | 399488 | 398779 | 397559 | 0.69 | cps |
| Lead | 207-1 | 334089 | 336793 | 336179 | 335687 | 0.42 | cps |
| Lead | 208-1 | 1531755 | 1560391 | 1552439 | 1548195 | 0.95 | cps |
| Lithium | 6-1 | 1980547 | 1894685 | 1890057 | 1921763 | 2.65 | cps |
| Magnesium | 24-2 | 5630660 | 5601862 | 5740867 | 5657796 | 1.30 | cps |
| Manganese | 55-2 | 3275165 | 3272906 | 3293629 | 3280567 | 0.35 | cps |
| Molybdenum | 94-1 | 310832 | 312419 | 311209 | 311486 | 0.27 | cps |
| Molybdenum | 95-1 | 5604 | 5444 | 5394 | 5481 | 2.00 | cps |
| Molybdenum | 96-1 | 60280 | 61405 | 61552 | 61079 | 1.14 | cps |
| Molybdenum | 97-1 | 3234 | 3434 | 3354 | 3340 | 3.01 | cps |
| Molybdenum | 98-1 | 8896 | 9020 | 8719 | 8878 | 1.70 | cps |
| Neodymium | 150-1 | 148627 | 154179 | 151929 | 151578 | 1.84 | cps |
| Neodymium | 150-2 | 93172 | 94373 | 93789 | 93778 | 0.64 | cps |
| Nickel | 60-2 | 91212 | 92932 | 92338 | 92161 | 0.95 | cps |
| Phosphorus | 31-2 | 35438 | 35775 | 35478 | 35563 | 0.52 | cps |
| Potassium | 39-2 | 679129 | 681324 | 688212 | 682888 | 0.69 | cps |
| Rhodium | 103-1 | 12775812 | 12151246 | 11868947 | 12265335 | 3.78 | cps |
| Rhodium | 103-2 | 7275210 | 7215697 | 7092724 | 7194544 | 1.29 | cps |
| Scandium | 45-1 | 7489194 | 7140679 | 7102743 | 7244205 | 2.94 | cps |
| Scandium | 45-2 | 618362 | 619865 | 621438 | 619888 | 0.25 | cps |
| Selenium | 82-1 | 42186 | 42827 | 42946 | 42653 | 0.96 | cps |
| Selenium | 77-2 | 4938 | 4891 | 4918 | 4915 | 0.48 | cps |
| Selenium | 78-2 | 16065 | 15648 | 16015 | 15910 | 1.43 | cps |
| Silicon | 28-1 | 15653688 | 15882438 | 15974949 | 15837025 | 1.04 | cps |
| Silver | 107-1 | 1527 | 1533 | 1477 | 1512 | 2.05 | cps |
| Silver | 109-1 | 900 | 1050 | 907 | 952 | 8.90 | cps |
| Sodium | 23-2 | 551672 | 551307 | 553909 | 552296 | 0.25 | cps |
| Strontium | 86-1 | 319795 | 323197 | 318142 | 320378 | 0.80 | cps |
| Strontium | 88-1 | 2862268 | 2874631 | 2904927 | 2880609 | 0.76 | cps |
| Sulfur | 34-1 | 163911 | 161685 | 160192 | 161930 | 1.16 | cps |
| Terbium | 159-1 | 17592396 | 16676699 | 16664174 | 16977756 | 3.14 | cps |
| Terbium | 159-2 | 11506508 | 11354320 | 11541921 | 11467583 | 0.87 | cps |
| Thallium | 203-1 | 2089404 | 2127449 | 2134479 | 2117111 | 1.15 | cps |
| Thallium | 205-1 | 4974088 | 5042443 | 5085108 | 5033880 | 1.11 | cps |
| Tin | 118-1 | 19717 | 20131 | 19730 | 19859 | 1.18 | cps |
| Titanium | 47-1 | 4714246 | 4734634 | 4685400 | 4711427 | 0.53 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:53:25 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39565 | 40298 | 39917 | 39927 | 0.92 | cps |
| Vanadium | 51-2 | 595540 | 597645 | 599583 | 597589 | 0.34 | cps |
| Yttrium | 89-1 | 22125677 | 21166826 | 21320880 | 21537794 | 2.39 | cps |
| Yttrium | 89-2 | 5800708 | 5786150 | 5811272 | 5799377 | 0.22 | cps |
| Zinc | 66-2 | 117998 | 117622 | 117500 | 117707 | 0.22 | cps |
| Zirconium | 90-1 | 833425 | 849549 | 844712 | 842562 | 0.98 | cps |
| Zirconium | 91-1 | 184377 | 185257 | 186788 | 185474 | 0.66 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:56:35 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4387706 | 4473622 | 4406975 | 4422768 | 1.02 | cps |
| Antimony | 121-1 | 27679904 | 28513085 | 28453482 | 28215490 | 1.65 | cps |
| Arsenic | 75-2 | 4133967 | 4089376 | 4151597 | 4124980 | 0.78 | cps |
| Barium | 135-1 | 702533 | 716180 | 716103 | 711605 | 1.10 | cps |
| Barium | 137-1 | 1232559 | 1242582 | 1246691 | 1240611 | 0.59 | cps |
| Beryllium | 9-1 | 2087 | 2154 | 2103 | 2115 | 1.64 | cps |
| Bismuth | 209-1 | 10662362 | 10410266 | 10218525 | 10430385 | 2.13 | cps |
| Bismuth | 209-2 | 8527238 | 8679936 | 8646428 | 8617868 | 0.93 | cps |
| Bromine | 81-1 | 40128 | 42180 | 43230 | 41846 | 3.77 | cps |
| Bromine | 81-2 | 6011 | 5771 | 5825 | 5869 | 2.15 | cps |
| Cadmium | 108-1 | 29453 | 30248 | 30515 | 30072 | 1.84 | cps |
| Cadmium | 106-1 | 44481 | 45952 | 45872 | 45435 | 1.82 | cps |
| Cadmium | 111-1 | 406244 | 409470 | 416515 | 410743 | 1.28 | cps |
| Calcium | 43-1 | 1528336 | 1588185 | 1593556 | 1570026 | 2.31 | cps |
| Calcium | 44-1 | 24867634 | 25150937 | 25506658 | 25175076 | 1.27 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1443882 | 1437137 | 1436545 | 1439188 | 0.28 | cps |
| Cobalt | 59-2 | 4105295 | 4200262 | 4142337 | 4149298 | 1.15 | cps |
| Copper | 63-2 | 12923468 | 13043466 | 12957915 | 12974950 | 0.48 | cps |
| Dysprosium | 156-1 | 29661 | 30219 | 29354 | 29745 | 1.47 | cps |
| Dysprosium | 156-2 | 26128 | 25944 | 25684 | 25918 | 0.86 | cps |
| Erbium | 164-1 | 29474 | 29531 | 29688 | 29565 | 0.37 | cps |
| Erbium | 164-2 | 21470 | 21600 | 21089 | 21386 | 1.24 | cps |
| Gadolinium | 160-1 | 29057 | 29845 | 29257 | 29386 | 1.39 | cps |
| Gadolinium | 160-2 | 22154 | 22755 | 23012 | 22641 | 1.95 | cps |
| Holmium | 165-1 | 17078789 | 16605436 | 16678752 | 16787659 | 1.52 | cps |
| Holmium | 165-2 | 11906788 | 12131941 | 11842870 | 11960533 | 1.27 | cps |
| Indium | 115-1 | 15691141 | 15487228 | 15489842 | 15556070 | 0.75 | cps |
| Indium | 115-2 | 5750318 | 5849394 | 5834040 | 5811251 | 0.92 | cps |
| Iron | 56-2 | 845131241 | 853629214 | 848365481 | 849041978 | 0.51 | cps |
| Iron | 57-2 | 21080309 | 21185761 | 20968968 | 21078346 | 0.51 | cps |
| Iron | 54-2 | 46204314 | 46284731 | 45999911 | 46162985 | 0.32 | cps |
| Krypton | 83-1 | 193 | 260 | 280 | 244 | 18.56 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:56:35 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35691885 | 36073006 | 36216260 | 35993717 | 0.75 | cps |
| Lead | 207-1 | 31013485 | 31412425 | 31360920 | 31262276 | 0.69 | cps |
| Lead | 208-1 | 141688274 | 142912726 | 142685935 | 142428978 | 0.46 | cps |
| Lithium | 6-1 | 1981683 | 1934520 | 1910681 | 1942295 | 1.86 | cps |
| Magnesium | 24-2 | 3153427 | 3156472 | 3114492 | 3141464 | 0.75 | cps |
| Manganese | 55-2 | 3026883 | 3009518 | 3008435 | 3014945 | 0.34 | cps |
| Molybdenum | 94-1 | 1715881 | 1719063 | 1728997 | 1721314 | 0.40 | cps |
| Molybdenum | 95-1 | 2782284 | 2860874 | 2841977 | 2828379 | 1.45 | cps |
| Molybdenum | 96-1 | 3011569 | 3094450 | 3113865 | 3073295 | 1.77 | cps |
| Molybdenum | 97-1 | 1694537 | 1768122 | 1780760 | 1747807 | 2.66 | cps |
| Molybdenum | 98-1 | 4416046 | 4465167 | 4498052 | 4459755 | 0.93 | cps |
| Neodymium | 150-1 | 45306 | 45737 | 46727 | 45923 | 1.59 | cps |
| Neodymium | 150-2 | 28495 | 28599 | 28242 | 28445 | 0.65 | cps |
| Nickel | 60-2 | 157908 | 159581 | 159168 | 158886 | 0.55 | cps |
| Phosphorus | 31-2 | 14527 | 14794 | 14417 | 14579 | 1.33 | cps |
| Potassium | 39-2 | 2215155 | 2268130 | 2205977 | 2229754 | 1.50 | cps |
| Rhodium | 103-1 | 12615521 | 12356891 | 12324994 | 12432469 | 1.28 | cps |
| Rhodium | 103-2 | 7454081 | 7507576 | 7477345 | 7479667 | 0.36 | cps |
| Scandium | 45-1 | 7364791 | 7146916 | 7189322 | 7233676 | 1.60 | cps |
| Scandium | 45-2 | 636771 | 644846 | 638906 | 640174 | 0.65 | cps |
| Selenium | 82-1 | 48186 | 49505 | 49505 | 49065 | 1.55 | cps |
| Selenium | 77-2 | 5314 | 5641 | 5404 | 5453 | 3.10 | cps |
| Selenium | 78-2 | 18632 | 18271 | 18855 | 18586 | 1.59 | cps |
| Silicon | 28-1 | 56829672 | 57743851 | 57219252 | 57264259 | 0.80 | cps |
| Silver | 107-1 | 84024 | 84832 | 85614 | 84824 | 0.94 | cps |
| Silver | 109-1 | 79228 | 80562 | 80911 | 80234 | 1.11 | cps |
| Sodium | 23-2 | 8800235 | 8909795 | 8831346 | 8847126 | 0.64 | cps |
| Strontium | 86-1 | 941640 | 968651 | 969904 | 960065 | 1.66 | cps |
| Strontium | 88-1 | 8495766 | 8603612 | 8658383 | 8585920 | 0.96 | cps |
| Sulfur | 34-1 | 350134 | 357145 | 359619 | 355633 | 1.38 | cps |
| Terbium | 159-1 | 17408570 | 17313238 | 17065777 | 17262528 | 1.02 | cps |
| Terbium | 159-2 | 11698916 | 11943242 | 11869674 | 11837278 | 1.06 | cps |
| Thallium | 203-1 | 2271021 | 2280431 | 2311730 | 2287727 | 0.93 | cps |
| Thallium | 205-1 | 5438849 | 5440442 | 5465232 | 5448174 | 0.27 | cps |
| Tin | 118-1 | 5161061 | 5162960 | 5272739 | 5198920 | 1.23 | cps |
| Titanium | 47-1 | 1154135 | 1169031 | 1184803 | 1169323 | 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 : | P5364-06ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 22:56:35 | DataFile Name : | 142SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 189979 | 191198 | 189356 | 190178 | 0.49 | cps |
| Vanadium | 51-2 | 206820 | 207350 | 207773 | 207314 | 0.23 | cps |
| Yttrium | 89-1 | 21146383 | 21108971 | 20980234 | 21078529 | 0.41 | cps |
| Yttrium | 89-2 | 5749732 | 5847984 | 5848180 | 5815298 | 0.98 | cps |
| Zinc | 66-2 | 12079238 | 12170849 | 12153421 | 12134503 | 0.40 | cps |
| Zirconium | 90-1 | 391120 | 403047 | 403843 | 399337 | 1.78 | cps |
| Zirconium | 91-1 | 92482 | 94367 | 95974 | 94275 | 1.85 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:44:56 | DataFile Name : | 143CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12647840 | 12653164 | 12623804 | 12641603 | 0.12 | cps |
| Antimony | 121-1 | 5736892 | 5714195 | 5723904 | 5724997 | 0.20 | cps |
| Arsenic | 75-2 | 271023 | 272193 | 270536 | 271251 | 0.31 | cps |
| Barium | 135-1 | 7387264 | 7373335 | 7352367 | 7370989 | 0.24 | cps |
| Barium | 137-1 | 12739432 | 12673341 | 12630871 | 12681215 | 0.43 | cps |
| Beryllium | 9-1 | 677393 | 668013 | 671941 | 672449 | 0.70 | cps |
| Bismuth | 209-1 | 8476166 | 8609654 | 8345695 | 8477171 | 1.56 | cps |
| Bismuth | 209-2 | 7159432 | 7016641 | 7082719 | 7086264 | 1.01 | cps |
| Bromine | 81-1 | 13023 | 12245 | 11862 | 12376 | 4.78 | cps |
| Bromine | 81-2 | 150 | 150 | 100 | 133 | 21.65 | cps |
| Cadmium | 108-1 | 102801 | 101179 | 101961 | 101980 | 0.80 | cps |
| Cadmium | 106-1 | 148669 | 146197 | 145894 | 146920 | 1.04 | cps |
| Cadmium | 111-1 | 1391481 | 1380432 | 1376728 | 1382880 | 0.56 | cps |
| Calcium | 43-1 | 7295495 | 7156052 | 7069641 | 7173729 | 1.59 | cps |
| Calcium | 44-1 | 117151158 | 115491562 | 113331278 | 115324666 | 1.66 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2113485 | 2122930 | 2119131 | 2118515 | 0.22 | cps |
| Cobalt | 59-2 | 3282412 | 3255178 | 3227087 | 3254893 | 0.85 | cps |
| Copper | 63-2 | 22792560 | 22507208 | 22644003 | 22647924 | 0.63 | cps |
| Dysprosium | 156-1 | 287 | 273 | 263 | 274 | 4.26 | cps |
| Dysprosium | 156-2 | 530 | 503 | 577 | 537 | 6.92 | cps |
| Erbium | 164-1 | 290 | 273 | 303 | 289 | 5.20 | cps |
| Erbium | 164-2 | 200 | 267 | 257 | 241 | 14.91 | cps |
| Gadolinium | 160-1 | 247 | 323 | 253 | 274 | 15.47 | cps |
| Gadolinium | 160-2 | 643 | 713 | 747 | 701 | 7.52 | cps |
| Holmium | 165-1 | 14606585 | 14671171 | 14575379 | 14617711 | 0.33 | cps |
| Holmium | 165-2 | 10613878 | 10491226 | 10583587 | 10562897 | 0.60 | cps |
| Indium | 115-1 | 11334512 | 11115534 | 10798200 | 11082749 | 2.43 | cps |
| Indium | 115-2 | 4208610 | 4163415 | 4122179 | 4164735 | 1.04 | cps |
| Iron | 56-2 | 495421433 | 497866459 | 488588713 | 493958868 | 0.97 | cps |
| Iron | 57-2 | 12393337 | 12353469 | 12392632 | 12379813 | 0.18 | cps |
| Iron | 54-2 | 27170358 | 26849622 | 26866340 | 26962107 | 0.67 | cps |
| Krypton | 83-1 | 223 | 173 | 230 | 209 | 14.83 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:44:56 | DataFile Name : | 143CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22166383 | 22283550 | 22175302 | 22208412 | 0.29 | cps |
| Lead | 207-1 | 19452875 | 19706241 | 19343443 | 19500853 | 0.95 | cps |
| Lead | 208-1 | 88989727 | 89702017 | 88806140 | 89165961 | 0.53 | cps |
| Lithium | 6-1 | 1681016 | 1674952 | 1681852 | 1679273 | 0.22 | cps |
| Magnesium | 24-2 | 95075449 | 94645019 | 94329649 | 94683372 | 0.40 | cps |
| Manganese | 55-2 | 17344563 | 17132667 | 16944823 | 17140684 | 1.17 | cps |
| Molybdenum | 94-1 | 19892312 | 19509024 | 19431926 | 19611087 | 1.26 | cps |
| Molybdenum | 95-1 | 28906600 | 28407822 | 28414687 | 28576370 | 1.00 | cps |
| Molybdenum | 96-1 | 31839330 | 31168375 | 30753805 | 31253837 | 1.75 | cps |
| Molybdenum | 97-1 | 17951248 | 17813371 | 17522534 | 17762384 | 1.23 | cps |
| Molybdenum | 98-1 | 46459559 | 45684054 | 45317083 | 45820232 | 1.27 | cps |
| Neodymium | 150-1 | 437 | 420 | 507 | 454 | 10.12 | cps |
| Neodymium | 150-2 | 180 | 160 | 187 | 176 | 7.91 | cps |
| Nickel | 60-2 | 771398 | 766432 | 764574 | 767468 | 0.46 | cps |
| Phosphorus | 31-2 | 110687 | 110401 | 108414 | 109834 | 1.13 | cps |
| Potassium | 39-2 | 61340894 | 60886357 | 61012731 | 61079994 | 0.38 | cps |
| Rhodium | 103-1 | 10000510 | 9785460 | 9734773 | 9840248 | 1.43 | cps |
| Rhodium | 103-2 | 5872312 | 5833730 | 5806395 | 5837479 | 0.57 | cps |
| Scandium | 45-1 | 6236062 | 6036951 | 5949153 | 6074055 | 2.42 | cps |
| Scandium | 45-2 | 514606 | 508146 | 512358 | 511703 | 0.64 | cps |
| Selenium | 82-1 | 82353 | 81288 | 81925 | 81855 | 0.66 | cps |
| Selenium | 77-2 | 8593 | 8369 | 8456 | 8472 | 1.33 | cps |
| Selenium | 78-2 | 29175 | 29058 | 29145 | 29126 | 0.21 | cps |
| Silicon | 28-1 | 7314908 | 7120354 | 7065800 | 7167021 | 1.83 | cps |
| Silver | 107-1 | 7031275 | 6846711 | 6831437 | 6903141 | 1.61 | cps |
| Silver | 109-1 | 6767099 | 6635170 | 6512592 | 6638287 | 1.92 | cps |
| Sodium | 23-2 | 155333474 | 154676948 | 153714831 | 154575084 | 0.53 | cps |
| Strontium | 86-1 | 1823617 | 1806471 | 1764366 | 1798152 | 1.70 | cps |
| Strontium | 88-1 | 15747917 | 15688600 | 15421023 | 15619180 | 1.11 | cps |
| Sulfur | 34-1 | 558133 | 537845 | 530969 | 542316 | 2.60 | cps |
| Terbium | 159-1 | 15111861 | 15068542 | 14896883 | 15025762 | 0.76 | cps |
| Terbium | 159-2 | 10511233 | 10519120 | 10405312 | 10478555 | 0.61 | cps |
| Thallium | 203-1 | 5521177 | 5553473 | 5585666 | 5553439 | 0.58 | cps |
| Thallium | 205-1 | 13337962 | 13431149 | 13301396 | 13356835 | 0.50 | cps |
| Tin | 118-1 | 4755415 | 4749736 | 4669173 | 4724775 | 1.02 | cps |
| Titanium | 47-1 | 6994302 | 6701577 | 6664471 | 6786784 | 2.66 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:44:56 | DataFile Name : | 143CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17403070 | 17618220 | 17626834 | 17549374 | 0.72 | cps |
| Vanadium | 51-2 | 1911383 | 1915397 | 1865453 | 1897411 | 1.46 | cps |
| Yttrium | 89-1 | 17557270 | 17299796 | 16989226 | 17282097 | 1.65 | cps |
| Yttrium | 89-2 | 4738030 | 4619318 | 4653781 | 4670376 | 1.31 | cps |
| Zinc | 66-2 | 3920344 | 3933437 | 3905945 | 3919908 | 0.35 | cps |
| Zirconium | 90-1 | 9687743 | 9773193 | 9476763 | 9645900 | 1.58 | cps |
| Zirconium | 91-1 | 2168492 | 2138648 | 2158833 | 2155325 | 0.71 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:47:40 | DataFile Name : | 144CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 143 | 177 | 203 | 174 | 17.23 | cps |
| Antimony | 121-1 | 2260 | 2174 | 2013 | 2149 | 5.82 | cps |
| Arsenic | 75-2 | 10 | 27 | 20 | 19 | 44.42 | cps |
| Barium | 135-1 | 150 | 130 | 127 | 136 | 9.31 | cps |
| Barium | 137-1 | 247 | 207 | 237 | 230 | 9.05 | cps |
| Beryllium | 9-1 | 157 | 113 | 123 | 131 | 17.31 | cps |
| Bismuth | 209-1 | 9098590 | 9375993 | 9424360 | 9299648 | 1.89 | cps |
| Bismuth | 209-2 | 7955283 | 8188440 | 7997864 | 8047196 | 1.54 | cps |
| Bromine | 81-1 | 12135 | 12319 | 12205 | 12220 | 0.76 | cps |
| Bromine | 81-2 | 130 | 160 | 147 | 146 | 10.33 | cps |
| Cadmium | 108-1 | 20 | 10 | 3 | 11 | 75.52 | cps |
| Cadmium | 106-1 | 3974 | 4064 | 3837 | 3958 | 2.88 | cps |
| Cadmium | 111-1 | 832 | 857 | 806 | 832 | 3.05 | cps |
| Calcium | 43-1 | 253 | 243 | 257 | 251 | 2.76 | cps |
| Calcium | 44-1 | 6361 | 6291 | 6301 | 6318 | 0.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1863 | 2020 | 1867 | 1917 | 4.67 | cps |
| Cobalt | 59-2 | 113 | 127 | 170 | 137 | 21.68 | cps |
| Copper | 63-2 | 1230 | 1270 | 1230 | 1243 | 1.86 | cps |
| Dysprosium | 156-1 | 7 | 7 | 3 | 6 | 34.70 | cps |
| Dysprosium | 156-2 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Erbium | 164-1 | 87 | 63 | 53 | 68 | 25.24 | cps |
| Erbium | 164-2 | 47 | 63 | 67 | 59 | 18.19 | cps |
| Gadolinium | 160-1 | 53 | 73 | 73 | 67 | 17.32 | cps |
| Gadolinium | 160-2 | 553 | 560 | 557 | 557 | 0.60 | cps |
| Holmium | 165-1 | 14257923 | 14941884 | 14947089 | 14715632 | 2.69 | cps |
| Holmium | 165-2 | 10876166 | 10988466 | 10797454 | 10887362 | 0.88 | cps |
| Indium | 115-1 | 11200093 | 11823590 | 11880605 | 11634763 | 3.24 | cps |
| Indium | 115-2 | 4506143 | 4480110 | 4504375 | 4496876 | 0.32 | cps |
| Iron | 56-2 | 23528 | 22874 | 22507 | 22970 | 2.25 | cps |
| Iron | 57-2 | 1027 | 1013 | 980 | 1007 | 2.39 | cps |
| Iron | 54-2 | 2457 | 2610 | 2504 | 2524 | 3.12 | cps |
| Krypton | 83-1 | 167 | 137 | 237 | 180 | 28.51 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:47:40 | DataFile Name : | 144CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1067 | 1020 | 923 | 1003 | 7.29 | cps |
| Lead | 207-1 | 917 | 780 | 783 | 827 | 9.43 | cps |
| Lead | 208-1 | 4477 | 3910 | 3570 | 3986 | 11.49 | cps |
| Lithium | 6-1 | 1686812 | 1775171 | 1804205 | 1755396 | 3.48 | cps |
| Magnesium | 24-2 | 1680 | 1507 | 1573 | 1587 | 5.51 | cps |
| Manganese | 55-2 | 493 | 450 | 503 | 482 | 5.88 | cps |
| Molybdenum | 94-1 | 1220 | 980 | 957 | 1052 | 13.85 | cps |
| Molybdenum | 95-1 | 1317 | 1047 | 1093 | 1152 | 12.52 | cps |
| Molybdenum | 96-1 | 1443 | 1297 | 1137 | 1292 | 11.87 | cps |
| Molybdenum | 97-1 | 840 | 720 | 767 | 776 | 7.80 | cps |
| Molybdenum | 98-1 | 2260 | 1943 | 1830 | 2011 | 11.08 | cps |
| Neodymium | 150-1 | 10 | 7 | 10 | 9 | 21.63 | cps |
| Neodymium | 150-2 | 0 | 3 | 7 | 3 | 100.05 | cps |
| Nickel | 60-2 | 567 | 447 | 527 | 513 | 11.90 | cps |
| Phosphorus | 31-2 | 123 | 110 | 90 | 108 | 15.57 | cps |
| Potassium | 39-2 | 50637 | 50463 | 50126 | 50409 | 0.52 | cps |
| Rhodium | 103-1 | 10265386 | 10820546 | 10700327 | 10595420 | 2.76 | cps |
| Rhodium | 103-2 | 6618693 | 6661468 | 6587621 | 6622594 | 0.56 | cps |
| Scandium | 45-1 | 5687484 | 5953848 | 6052647 | 5897993 | 3.20 | cps |
| Scandium | 45-2 | 529168 | 536068 | 529623 | 531620 | 0.73 | cps |
| Selenium | 82-1 | 163 | 202 | 76 | 147 | 43.95 | cps |
| Selenium | 77-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Selenium | 78-2 | 317 | 330 | 403 | 350 | 13.33 | cps |
| Silicon | 28-1 | 480667 | 473207 | 478535 | 477470 | 0.80 | cps |
| Silver | 107-1 | 783 | 660 | 610 | 684 | 13.03 | cps |
| Silver | 109-1 | 587 | 573 | 557 | 572 | 2.63 | cps |
| Sodium | 23-2 | 24874 | 24863 | 24616 | 24784 | 0.59 | cps |
| Strontium | 86-1 | 280 | 303 | 367 | 317 | 14.16 | cps |
| Strontium | 88-1 | 350 | 443 | 367 | 387 | 12.87 | cps |
| Sulfur | 34-1 | 156761 | 157459 | 157499 | 157240 | 0.26 | cps |
| Terbium | 159-1 | 14582781 | 15409608 | 15432685 | 15141691 | 3.20 | cps |
| Terbium | 159-2 | 10712354 | 10916722 | 10822199 | 10817092 | 0.95 | cps |
| Thallium | 203-1 | 790 | 810 | 793 | 798 | 1.34 | cps |
| Thallium | 205-1 | 2120 | 1913 | 1903 | 1979 | 6.18 | cps |
| Tin | 118-1 | 1487 | 1413 | 1493 | 1465 | 3.03 | cps |
| Titanium | 47-1 | 173 | 150 | 153 | 159 | 7.94 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB017 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB017 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 23:47:40 | DataFile Name : | 144CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 277 | 237 | 217 | 243 | 12.55 | cps |
| Vanadium | 51-2 | 43 | 23 | 33 | 33 | 30.00 | cps |
| Yttrium | 89-1 | 16678250 | 17372992 | 17785889 | 17279044 | 3.24 | cps |
| Yttrium | 89-2 | 4888464 | 4937077 | 4876205 | 4900582 | 0.66 | cps |
| Zinc | 66-2 | 247 | 177 | 213 | 212 | 16.50 | cps |
| Zirconium | 90-1 | 1090 | 1033 | 1143 | 1089 | 5.05 | cps |
| Zirconium | 91-1 | 230 | 260 | 233 | 241 | 6.82 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:51:01 | DataFile Name : | 145SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 987867 | 995009 | 988137 | 990337 | 0.41 | cps |
| Antimony | 121-1 | 54175 | 55828 | 54944 | 54982 | 1.50 | cps |
| Arsenic | 75-2 | 5048 | 5134 | 5141 | 5108 | 1.02 | cps |
| Barium | 135-1 | 263379 | 267652 | 266927 | 265986 | 0.86 | cps |
| Barium | 137-1 | 456294 | 466776 | 464108 | 462392 | 1.18 | cps |
| Beryllium | 9-1 | 903 | 1003 | 970 | 959 | 5.31 | cps |
| Bismuth | 209-1 | 10014901 | 9790360 | 9707653 | 9837638 | 1.62 | cps |
| Bismuth | 209-2 | 8192124 | 8239304 | 8157596 | 8196341 | 0.50 | cps |
| Bromine | 81-1 | 18115 | 18398 | 18428 | 18314 | 0.95 | cps |
| Bromine | 81-2 | 1297 | 1370 | 1487 | 1385 | 6.92 | cps |
| Cadmium | 108-1 | 720 | 703 | 767 | 730 | 4.50 | cps |
| Cadmium | 106-1 | 5341 | 5138 | 5271 | 5250 | 1.97 | cps |
| Cadmium | 111-1 | 9011 | 9203 | 9228 | 9147 | 1.30 | cps |
| Calcium | 43-1 | 1168665 | 1173943 | 1211690 | 1184766 | 1.98 | cps |
| Calcium | 44-1 | 18555386 | 18880874 | 19116832 | 18851031 | 1.50 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2661544 | 2633861 | 2623205 | 2639537 | 0.75 | cps |
| Cobalt | 59-2 | 58892 | 58624 | 57824 | 58447 | 0.95 | cps |
| Copper | 63-2 | 242528 | 241819 | 243249 | 242532 | 0.29 | cps |
| Dysprosium | 156-1 | 8810 | 8970 | 8933 | 8904 | 0.94 | cps |
| Dysprosium | 156-2 | 7542 | 7749 | 7742 | 7678 | 1.53 | cps |
| Erbium | 164-1 | 9166 | 9323 | 9070 | 9186 | 1.39 | cps |
| Erbium | 164-2 | 6818 | 7015 | 6918 | 6917 | 1.42 | cps |
| Gadolinium | 160-1 | 8940 | 9053 | 9090 | 9027 | 0.87 | cps |
| Gadolinium | 160-2 | 7676 | 7452 | 7335 | 7488 | 2.31 | cps |
| Holmium | 165-1 | 15843221 | 15511201 | 15743464 | 15699295 | 1.09 | cps |
| Holmium | 165-2 | 11403353 | 11372471 | 11384538 | 11386787 | 0.14 | cps |
| Indium | 115-1 | 12511993 | 12235193 | 12330677 | 12359287 | 1.14 | cps |
| Indium | 115-2 | 4628528 | 4633331 | 4652224 | 4638028 | 0.27 | cps |
| Iron | 56-2 | 367200675 | 363836661 | 362916221 | 364651186 | 0.62 | cps |
| Iron | 57-2 | 9059128 | 9021605 | 9033520 | 9038084 | 0.21 | cps |
| Iron | 54-2 | 20013386 | 19774085 | 19902316 | 19896596 | 0.60 | cps |
| Krypton | 83-1 | 260 | 223 | 190 | 224 | 15.60 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:51:01 | DataFile Name : | 145SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4149621 | 4245877 | 4223359 | 4206286 | 1.20 | cps |
| Lead | 207-1 | 3459431 | 3523109 | 3558347 | 3513629 | 1.43 | cps |
| Lead | 208-1 | 16043946 | 16348140 | 16345486 | 16245857 | 1.08 | cps |
| Lithium | 6-1 | 1882353 | 1849494 | 1844286 | 1858711 | 1.11 | cps |
| Magnesium | 24-2 | 3081882 | 3111369 | 3061568 | 3084940 | 0.81 | cps |
| Manganese | 55-2 | 17302171 | 17168048 | 16946494 | 17138904 | 1.05 | cps |
| Molybdenum | 94-1 | 47390 | 48430 | 49309 | 48376 | 1.99 | cps |
| Molybdenum | 95-1 | 66631 | 66055 | 66560 | 66415 | 0.47 | cps |
| Molybdenum | 96-1 | 75423 | 76274 | 78134 | 76610 | 1.81 | cps |
| Molybdenum | 97-1 | 40854 | 41465 | 42462 | 41594 | 1.95 | cps |
| Molybdenum | 98-1 | 104950 | 106870 | 107028 | 106283 | 1.09 | cps |
| Neodymium | 150-1 | 13960 | 13900 | 14010 | 13957 | 0.39 | cps |
| Neodymium | 150-2 | 8756 | 8569 | 8526 | 8617 | 1.42 | cps |
| Nickel | 60-2 | 373825 | 373318 | 374071 | 373738 | 0.10 | cps |
| Phosphorus | 31-2 | 7979 | 7785 | 7709 | 7824 | 1.78 | cps |
| Potassium | 39-2 | 437913 | 436772 | 434707 | 436464 | 0.37 | cps |
| Rhodium | 103-1 | 11575752 | 11225975 | 11161726 | 11321151 | 1.97 | cps |
| Rhodium | 103-2 | 6744789 | 6792775 | 6856656 | 6798073 | 0.83 | cps |
| Scandium | 45-1 | 6519285 | 6354004 | 6404650 | 6425979 | 1.32 | cps |
| Scandium | 45-2 | 560133 | 558913 | 559287 | 559444 | 0.11 | cps |
| Selenium | 82-1 | 180 | 262 | 287 | 243 | 23.08 | cps |
| Selenium | 77-2 | 27 | 37 | 57 | 40 | 38.18 | cps |
| Selenium | 78-2 | 470 | 430 | 380 | 427 | 10.57 | cps |
| Silicon | 28-1 | 11328694 | 11628370 | 11682325 | 11546463 | 1.65 | cps |
| Silver | 107-1 | 22084 | 22728 | 22314 | 22375 | 1.46 | cps |
| Silver | 109-1 | 21022 | 21870 | 21686 | 21526 | 2.07 | cps |
| Sodium | 23-2 | 123763 | 125324 | 124229 | 124439 | 0.64 | cps |
| Strontium | 86-1 | 231457 | 236554 | 237820 | 235277 | 1.43 | cps |
| Strontium | 88-1 | 2127741 | 2133092 | 2141208 | 2134014 | 0.32 | cps |
| Sulfur | 34-1 | 194518 | 195919 | 196740 | 195725 | 0.57 | cps |
| Terbium | 159-1 | 16409258 | 15962384 | 16107981 | 16159874 | 1.41 | cps |
| Terbium | 159-2 | 11362338 | 11071051 | 11084589 | 11172659 | 1.47 | cps |
| Thallium | 203-1 | 8209 | 8616 | 8369 | 8398 | 2.44 | cps |
| Thallium | 205-1 | 20165 | 20475 | 19781 | 20141 | 1.73 | cps |
| Tin | 118-1 | 49371 | 50184 | 50221 | 49925 | 0.96 | cps |
| Titanium | 47-1 | 269626 | 275104 | 275752 | 273494 | 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 : | P5266-18DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:51:01 | DataFile Name : | 145SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 15449 | 15703 | 16160 | 15771 | 2.28 | cps |
| Vanadium | 51-2 | 136056 | 137422 | 135737 | 136405 | 0.66 | cps |
| Yttrium | 89-1 | 19098135 | 18632126 | 18697399 | 18809220 | 1.34 | cps |
| Yttrium | 89-2 | 5150274 | 5149932 | 5174613 | 5158273 | 0.27 | cps |
| Zinc | 66-2 | 951976 | 954676 | 955724 | 954125 | 0.20 | cps |
| Zirconium | 90-1 | 29640 | 30505 | 30214 | 30120 | 1.46 | cps |
| Zirconium | 91-1 | 6732 | 6612 | 6858 | 6734 | 1.83 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:54:10 | DataFile Name : | 146SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2103858 | 2114766 | 2102932 | 2107186 | 0.31 | cps |
| Antimony | 121-1 | 13296387 | 13748125 | 13744846 | 13596453 | 1.91 | cps |
| Arsenic | 75-2 | 1901106 | 1903722 | 1919806 | 1908211 | 0.53 | cps |
| Barium | 135-1 | 322256 | 332605 | 331796 | 328886 | 1.75 | cps |
| Barium | 137-1 | 559235 | 577277 | 582592 | 573035 | 2.14 | cps |
| Beryllium | 9-1 | 1050 | 1090 | 1040 | 1060 | 2.50 | cps |
| Bismuth | 209-1 | 9976378 | 10012799 | 10092904 | 10027360 | 0.59 | cps |
| Bismuth | 209-2 | 8378869 | 8473044 | 8519996 | 8457303 | 0.85 | cps |
| Bromine | 81-1 | 25702 | 26748 | 27793 | 26748 | 3.91 | cps |
| Bromine | 81-2 | 2954 | 2904 | 2947 | 2935 | 0.93 | cps |
| Cadmium | 108-1 | 1600 | 1760 | 1797 | 1719 | 6.08 | cps |
| Cadmium | 106-1 | 6798 | 6912 | 6698 | 6803 | 1.57 | cps |
| Cadmium | 111-1 | 14188 | 14558 | 14924 | 14557 | 2.53 | cps |
| Calcium | 43-1 | 731575 | 763694 | 772643 | 755971 | 2.86 | cps |
| Calcium | 44-1 | 11608370 | 11964549 | 12172086 | 11915001 | 2.39 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 306382 | 306117 | 308851 | 307117 | 0.49 | cps |
| Cobalt | 59-2 | 731895 | 730595 | 732143 | 731544 | 0.11 | cps |
| Copper | 63-2 | 6241277 | 6157694 | 6211359 | 6203443 | 0.68 | cps |
| Dysprosium | 156-1 | 13743 | 13773 | 14301 | 13939 | 2.25 | cps |
| Dysprosium | 156-2 | 11918 | 12399 | 12409 | 12242 | 2.29 | cps |
| Erbium | 164-1 | 13907 | 13820 | 13867 | 13865 | 0.31 | cps |
| Erbium | 164-2 | 10130 | 10097 | 10277 | 10168 | 0.94 | cps |
| Gadolinium | 160-1 | 13166 | 13737 | 13597 | 13500 | 2.20 | cps |
| Gadolinium | 160-2 | 11131 | 11225 | 10838 | 11064 | 1.83 | cps |
| Holmium | 165-1 | 15899762 | 16225339 | 16039456 | 16054852 | 1.02 | cps |
| Holmium | 165-2 | 11711335 | 11746563 | 11836179 | 11764692 | 0.55 | cps |
| Indium | 115-1 | 13599694 | 13805418 | 13881034 | 13762049 | 1.06 | cps |
| Indium | 115-2 | 5325767 | 5330774 | 5341116 | 5332552 | 0.15 | cps |
| Iron | 56-2 | 402578394 | 404226247 | 402199301 | 403001314 | 0.27 | cps |
| Iron | 57-2 | 9914397 | 9916406 | 9910993 | 9913932 | 0.03 | cps |
| Iron | 54-2 | 21693372 | 21782810 | 21970554 | 21815579 | 0.65 | cps |
| Krypton | 83-1 | 237 | 230 | 237 | 234 | 1.64 | cps |



1000

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:54:10 | DataFile Name : | 146SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16809963 | 16969033 | 16998089 | 16925695 | 0.60 | cps |
| Lead | 207-1 | 14749296 | 14724152 | 14978821 | 14817423 | 0.95 | cps |
| Lead | 208-1 | 67270549 | 67751358 | 68244997 | 67755635 | 0.72 | cps |
| Lithium | 6-1 | 1825312 | 1864332 | 1876129 | 1855258 | 1.43 | cps |
| Magnesium | 24-2 | 1487235 | 1502668 | 1505149 | 1498350 | 0.65 | cps |
| Manganese | 55-2 | 1420854 | 1447198 | 1457615 | 1441889 | 1.31 | cps |
| Molybdenum | 94-1 | 768861 | 793256 | 799595 | 787237 | 2.06 | cps |
| Molybdenum | 95-1 | 1231248 | 1259726 | 1288693 | 1259889 | 2.28 | cps |
| Molybdenum | 96-1 | 1339330 | 1385557 | 1422132 | 1382340 | 3.00 | cps |
| Molybdenum | 97-1 | 774071 | 794904 | 805663 | 791546 | 2.03 | cps |
| Molybdenum | 98-1 | 2062440 | 2107172 | 2090733 | 2086782 | 1.08 | cps |
| Neodymium | 150-1 | 21403 | 22141 | 22127 | 21890 | 1.93 | cps |
| Neodymium | 150-2 | 13930 | 14141 | 13777 | 13949 | 1.31 | cps |
| Nickel | 60-2 | 75127 | 74999 | 75294 | 75140 | 0.20 | cps |
| Phosphorus | 31-2 | 6892 | 7195 | 7005 | 7031 | 2.18 | cps |
| Potassium | 39-2 | 1100594 | 1109025 | 1121083 | 1110234 | 0.93 | cps |
| Rhodium | 103-1 | 11501712 | 11614913 | 11778537 | 11631721 | 1.20 | cps |
| Rhodium | 103-2 | 7283158 | 7311545 | 7251138 | 7281947 | 0.42 | cps |
| Scandium | 45-1 | 6602878 | 6796608 | 6874638 | 6758041 | 2.07 | cps |
| Scandium | 45-2 | 618505 | 620873 | 623135 | 620838 | 0.37 | cps |
| Selenium | 82-1 | 471 | 420 | 452 | 448 | 5.77 | cps |
| Selenium | 77-2 | 73 | 57 | 57 | 62 | 15.46 | cps |
| Selenium | 78-2 | 557 | 473 | 583 | 538 | 10.67 | cps |
| Silicon | 28-1 | 23724774 | 25229010 | 25653715 | 24869166 | 4.08 | cps |
| Silver | 107-1 | 39751 | 40710 | 41198 | 40553 | 1.82 | cps |
| Silver | 109-1 | 38100 | 39243 | 39540 | 38961 | 1.95 | cps |
| Sodium | 23-2 | 4186992 | 4154025 | 4224257 | 4188425 | 0.84 | cps |
| Strontium | 86-1 | 438046 | 453192 | 454446 | 448561 | 2.04 | cps |
| Strontium | 88-1 | 3945379 | 4046348 | 4093419 | 4028382 | 1.88 | cps |
| Sulfur | 34-1 | 253727 | 259949 | 261275 | 258317 | 1.56 | cps |
| Terbium | 159-1 | 16075215 | 16329230 | 16505884 | 16303443 | 1.33 | cps |
| Terbium | 159-2 | 11488313 | 11714557 | 11569129 | 11590666 | 0.99 | cps |
| Thallium | 203-1 | 23991 | 24339 | 24245 | 24192 | 0.74 | cps |
| Thallium | 205-1 | 56995 | 58187 | 57916 | 57699 | 1.08 | cps |
| Tin | 118-1 | 2418315 | 2555761 | 2507682 | 2493919 | 2.80 | cps |
| Titanium | 47-1 | 522080 | 536553 | 542646 | 533760 | 1.98 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:54:10 | DataFile Name : | 146SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 89683 | 91613 | 92248 | 91181 | 1.46 | cps |
| Vanadium | 51-2 | 98690 | 96610 | 98958 | 98086 | 1.31 | cps |
| Yttrium | 89-1 | 19119540 | 19296758 | 19766338 | 19394212 | 1.72 | cps |
| Yttrium | 89-2 | 5624679 | 5660511 | 5615908 | 5633699 | 0.42 | cps |
| Zinc | 66-2 | 5655505 | 5648280 | 5662060 | 5655282 | 0.12 | cps |
| Zirconium | 90-1 | 181030 | 185155 | 187711 | 184632 | 1.83 | cps |
| Zirconium | 91-1 | 42485 | 44140 | 43972 | 43532 | 2.09 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:57:15 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2132197 | 2134199 | 2130659 | 2132352 | 0.08 | cps |
| Antimony | 121-1 | 13698122 | 13933728 | 13856619 | 13829490 | 0.87 | cps |
| Arsenic | 75-2 | 1952793 | 1922783 | 1945455 | 1940344 | 0.81 | cps |
| Barium | 135-1 | 326857 | 338096 | 338785 | 334580 | 2.00 | cps |
| Barium | 137-1 | 569729 | 587106 | 585356 | 580730 | 1.65 | cps |
| Beryllium | 9-1 | 1123 | 1133 | 993 | 1083 | 7.21 | cps |
| Bismuth | 209-1 | 10401484 | 10104226 | 10007429 | 10171046 | 2.02 | cps |
| Bismuth | 209-2 | 8651298 | 8546073 | 8561911 | 8586428 | 0.66 | cps |
| Bromine | 81-1 | 26814 | 28224 | 28862 | 27967 | 3.75 | cps |
| Bromine | 81-2 | 3067 | 2910 | 2967 | 2981 | 2.66 | cps |
| Cadmium | 108-1 | 1827 | 1820 | 1747 | 1798 | 2.47 | cps |
| Cadmium | 106-1 | 7255 | 7035 | 6938 | 7076 | 2.29 | cps |
| Cadmium | 111-1 | 14666 | 14734 | 14692 | 14697 | 0.23 | cps |
| Calcium | 43-1 | 765019 | 791772 | 792554 | 783115 | 2.00 | cps |
| Calcium | 44-1 | 12058348 | 12386134 | 12387309 | 12277263 | 1.54 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 313361 | 312701 | 314693 | 313585 | 0.32 | cps |
| Cobalt | 59-2 | 746463 | 742585 | 740985 | 743344 | 0.38 | cps |
| Copper | 63-2 | 6307244 | 6273093 | 6309526 | 6296621 | 0.32 | cps |
| Dysprosium | 156-1 | 13914 | 14174 | 14227 | 14105 | 1.19 | cps |
| Dysprosium | 156-2 | 12412 | 12255 | 12506 | 12391 | 1.02 | cps |
| Erbium | 164-1 | 13183 | 14584 | 13774 | 13847 | 5.08 | cps |
| Erbium | 164-2 | 9914 | 10164 | 9877 | 9985 | 1.56 | cps |
| Gadolinium | 160-1 | 13530 | 14110 | 13510 | 13717 | 2.49 | cps |
| Gadolinium | 160-2 | 11351 | 10911 | 10894 | 11052 | 2.35 | cps |
| Holmium | 165-1 | 16922530 | 16255744 | 16278601 | 16485625 | 2.30 | cps |
| Holmium | 165-2 | 12095378 | 11867080 | 11861609 | 11941356 | 1.12 | cps |
| Indium | 115-1 | 14846489 | 14244577 | 14117069 | 14402712 | 2.70 | cps |
| Indium | 115-2 | 5496705 | 5381215 | 5447602 | 5441841 | 1.07 | cps |
| Iron | 56-2 | 409958901 | 407674594 | 409653407 | 409095634 | 0.30 | cps |
| Iron | 57-2 | 10056788 | 10056819 | 10046592 | 10053400 | 0.06 | cps |
| Iron | 54-2 | 22126304 | 22162389 | 21970128 | 22086274 | 0.46 | cps |
| Krypton | 83-1 | 223 | 243 | 200 | 222 | 9.76 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:57:15 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16345768 | 17021986 | 16759641 | 16709132 | 2.04 | cps |
| Lead | 207-1 | 14311213 | 14796981 | 14483504 | 14530566 | 1.69 | cps |
| Lead | 208-1 | 65515606 | 67386311 | 66767357 | 66556424 | 1.43 | cps |
| Lithium | 6-1 | 1967101 | 1909299 | 1886189 | 1920863 | 2.17 | cps |
| Magnesium | 24-2 | 1526989 | 1501387 | 1526151 | 1518176 | 0.96 | cps |
| Manganese | 55-2 | 1488114 | 1474739 | 1466088 | 1476313 | 0.75 | cps |
| Molybdenum | 94-1 | 783775 | 806765 | 817175 | 802572 | 2.13 | cps |
| Molybdenum | 95-1 | 1266913 | 1294873 | 1312508 | 1291431 | 1.78 | cps |
| Molybdenum | 96-1 | 1402346 | 1454120 | 1448311 | 1434926 | 1.98 | cps |
| Molybdenum | 97-1 | 793659 | 812701 | 817841 | 808067 | 1.58 | cps |
| Molybdenum | 98-1 | 2117489 | 2141827 | 2139444 | 2132920 | 0.63 | cps |
| Neodymium | 150-1 | 21032 | 21780 | 22498 | 21770 | 3.37 | cps |
| Neodymium | 150-2 | 14104 | 13290 | 13994 | 13796 | 3.20 | cps |
| Nickel | 60-2 | 76534 | 76581 | 77214 | 76776 | 0.49 | cps |
| Phosphorus | 31-2 | 6938 | 7262 | 7055 | 7085 | 2.31 | cps |
| Potassium | 39-2 | 1130030 | 1121745 | 1129085 | 1126953 | 0.40 | cps |
| Rhodium | 103-1 | 12673262 | 12181371 | 12184459 | 12346364 | 2.29 | cps |
| Rhodium | 103-2 | 7626461 | 7438974 | 7470679 | 7512038 | 1.34 | cps |
| Scandium | 45-1 | 7369360 | 7172071 | 7137792 | 7226408 | 1.73 | cps |
| Scandium | 45-2 | 650220 | 639199 | 647432 | 645617 | 0.89 | cps |
| Selenium | 82-1 | 537 | 450 | 534 | 507 | 9.79 | cps |
| Selenium | 77-2 | 70 | 87 | 100 | 86 | 17.57 | cps |
| Selenium | 78-2 | 563 | 507 | 520 | 530 | 5.59 | cps |
| Silicon | 28-1 | 25052147 | 26027092 | 26081591 | 25720277 | 2.25 | cps |
| Silver | 107-1 | 41205 | 41900 | 42465 | 41857 | 1.51 | cps |
| Silver | 109-1 | 38698 | 40436 | 39677 | 39604 | 2.20 | cps |
| Sodium | 23-2 | 4257285 | 4218775 | 4292487 | 4256182 | 0.87 | cps |
| Strontium | 86-1 | 451664 | 465308 | 466162 | 461045 | 1.76 | cps |
| Strontium | 88-1 | 4047069 | 4137185 | 4131884 | 4105379 | 1.23 | cps |
| Sulfur | 34-1 | 262962 | 265821 | 267530 | 265438 | 0.87 | cps |
| Terbium | 159-1 | 17266108 | 16742193 | 16575622 | 16861308 | 2.14 | cps |
| Terbium | 159-2 | 11822131 | 11747304 | 11818863 | 11796099 | 0.36 | cps |
| Thallium | 203-1 | 23257 | 24459 | 24616 | 24110 | 3.08 | cps |
| Thallium | 205-1 | 55673 | 58940 | 57297 | 57304 | 2.85 | cps |
| Tin | 118-1 | 2502862 | 2602507 | 2512722 | 2539363 | 2.16 | cps |
| Titanium | 47-1 | 540155 | 561051 | 559024 | 553410 | 2.08 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-27 23:57:15 | DataFile Name : | 147SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 87382 | 89455 | 89425 | 88754 | 1.34 | cps |
| Vanadium | 51-2 | 101082 | 100132 | 100820 | 100678 | 0.49 | cps |
| Yttrium | 89-1 | 20842563 | 20201585 | 20272531 | 20438893 | 1.72 | cps |
| Yttrium | 89-2 | 5798051 | 5667602 | 5736821 | 5734158 | 1.14 | cps |
| Zinc | 66-2 | 5756407 | 5761275 | 5798264 | 5771982 | 0.40 | cps |
| Zirconium | 90-1 | 182618 | 191866 | 195964 | 190150 | 3.60 | cps |
| Zirconium | 91-1 | 43401 | 45263 | 45410 | 44691 | 2.51 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:00:16 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 412531 | 410542 | 412776 | 411950 | 0.30 | cps |
| Antimony | 121-1 | 2738156 | 2741344 | 2745188 | 2741563 | 0.13 | cps |
| Arsenic | 75-2 | 374938 | 373698 | 373372 | 374003 | 0.22 | cps |
| Barium | 135-1 | 65423 | 66672 | 67663 | 66586 | 1.69 | cps |
| Barium | 137-1 | 114285 | 114103 | 117312 | 115233 | 1.56 | cps |
| Beryllium | 9-1 | 200 | 253 | 270 | 241 | 15.17 | cps |
| Bismuth | 209-1 | 9837957 | 9794460 | 9878291 | 9836903 | 0.43 | cps |
| Bismuth | 209-2 | 8449568 | 8431982 | 8413022 | 8431524 | 0.22 | cps |
| Bromine | 81-1 | 18044 | 18442 | 18171 | 18219 | 1.11 | cps |
| Bromine | 81-2 | 677 | 793 | 757 | 742 | 8.04 | cps |
| Cadmium | 108-1 | 333 | 357 | 327 | 339 | 4.65 | cps |
| Cadmium | 106-1 | 5211 | 4848 | 4894 | 4984 | 3.97 | cps |
| Cadmium | 111-1 | 3635 | 3659 | 3690 | 3661 | 0.75 | cps |
| Calcium | 43-1 | 155693 | 157076 | 158474 | 157081 | 0.89 | cps |
| Calcium | 44-1 | 2461131 | 2424105 | 2486377 | 2457204 | 1.27 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 62997 | 63151 | 62077 | 62742 | 0.93 | cps |
| Cobalt | 59-2 | 146655 | 147786 | 147382 | 147274 | 0.39 | cps |
| Copper | 63-2 | 1238642 | 1236538 | 1235749 | 1236976 | 0.12 | cps |
| Dysprosium | 156-1 | 2730 | 2747 | 2787 | 2755 | 1.06 | cps |
| Dysprosium | 156-2 | 2454 | 2360 | 2487 | 2434 | 2.70 | cps |
| Erbium | 164-1 | 2930 | 2810 | 2810 | 2850 | 2.43 | cps |
| Erbium | 164-2 | 1977 | 2070 | 2117 | 2055 | 3.47 | cps |
| Gadolinium | 160-1 | 2710 | 2850 | 2837 | 2799 | 2.76 | cps |
| Gadolinium | 160-2 | 2754 | 2677 | 2627 | 2686 | 2.38 | cps |
| Holmium | 165-1 | 15981009 | 15869375 | 16049044 | 15966476 | 0.57 | cps |
| Holmium | 165-2 | 11803428 | 11702985 | 11577970 | 11694795 | 0.97 | cps |
| Indium | 115-1 | 13302780 | 13220481 | 13195881 | 13239714 | 0.42 | cps |
| Indium | 115-2 | 5065314 | 5053570 | 5046037 | 5054974 | 0.19 | cps |
| Iron | 56-2 | 79940112 | 79521074 | 79606427 | 79689204 | 0.28 | cps |
| Iron | 57-2 | 2012557 | 1994325 | 1994156 | 2000346 | 0.53 | cps |
| Iron | 54-2 | 4383367 | 4374011 | 4367759 | 4375046 | 0.18 | cps |
| Krypton | 83-1 | 217 | 250 | 213 | 227 | 8.94 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:00:16 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3347692 | 3328370 | 3371046 | 3349036 | 0.64 | cps |
| Lead | 207-1 | 2902390 | 2907594 | 2921446 | 2910477 | 0.34 | cps |
| Lead | 208-1 | 13285999 | 13181576 | 13314851 | 13260809 | 0.53 | cps |
| Lithium | 6-1 | 1846590 | 1834322 | 1837772 | 1839562 | 0.34 | cps |
| Magnesium | 24-2 | 286719 | 287969 | 287864 | 287517 | 0.24 | cps |
| Manganese | 55-2 | 281571 | 282530 | 279393 | 281165 | 0.57 | cps |
| Molybdenum | 94-1 | 158086 | 160963 | 160600 | 159883 | 0.98 | cps |
| Molybdenum | 95-1 | 255101 | 256574 | 256678 | 256118 | 0.34 | cps |
| Molybdenum | 96-1 | 275503 | 279273 | 279953 | 278243 | 0.86 | cps |
| Molybdenum | 97-1 | 158846 | 162050 | 162356 | 161084 | 1.21 | cps |
| Molybdenum | 98-1 | 415388 | 413924 | 414812 | 414708 | 0.18 | cps |
| Neodymium | 150-1 | 4571 | 4274 | 4501 | 4449 | 3.49 | cps |
| Neodymium | 150-2 | 2710 | 2597 | 2714 | 2674 | 2.48 | cps |
| Nickel | 60-2 | 15969 | 15745 | 15752 | 15822 | 0.80 | cps |
| Phosphorus | 31-2 | 1533 | 1433 | 1527 | 1498 | 3.73 | cps |
| Potassium | 39-2 | 265572 | 265602 | 266348 | 265841 | 0.17 | cps |
| Rhodium | 103-1 | 12318520 | 12178598 | 12139034 | 12212051 | 0.77 | cps |
| Rhodium | 103-2 | 7427974 | 7403393 | 7491803 | 7441057 | 0.61 | cps |
| Scandium | 45-1 | 7070399 | 6968265 | 7099422 | 7046029 | 0.98 | cps |
| Scandium | 45-2 | 620078 | 623779 | 624337 | 622731 | 0.37 | cps |
| Selenium | 82-1 | 235 | 215 | 211 | 220 | 5.80 | cps |
| Selenium | 77-2 | 17 | 20 | 13 | 17 | 20.01 | cps |
| Selenium | 78-2 | 393 | 553 | 403 | 450 | 19.92 | cps |
| Silicon | 28-1 | 5713935 | 5901943 | 5825644 | 5813841 | 1.63 | cps |
| Silver | 107-1 | 8342 | 8406 | 8339 | 8362 | 0.45 | cps |
| Silver | 109-1 | 8079 | 7852 | 7982 | 7971 | 1.43 | cps |
| Sodium | 23-2 | 821636 | 822930 | 822721 | 822429 | 0.08 | cps |
| Strontium | 86-1 | 91294 | 93048 | 92226 | 92189 | 0.95 | cps |
| Strontium | 88-1 | 787023 | 793601 | 802090 | 794238 | 0.95 | cps |
| Sulfur | 34-1 | 192344 | 193613 | 194298 | 193419 | 0.51 | cps |
| Terbium | 159-1 | 16384885 | 16329587 | 16196383 | 16303618 | 0.59 | cps |
| Terbium | 159-2 | 11634868 | 11513493 | 11438592 | 11528984 | 0.86 | cps |
| Thallium | 203-1 | 5114 | 5034 | 4934 | 5028 | 1.79 | cps |
| Thallium | 205-1 | 11518 | 11869 | 11552 | 11646 | 1.66 | cps |
| Tin | 118-1 | 483429 | 496346 | 487569 | 489114 | 1.35 | cps |
| Titanium | 47-1 | 109680 | 109982 | 110378 | 110014 | 0.32 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:00:16 | DataFile Name : | 148SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17892 | 17705 | 17852 | 17816 | 0.55 | cps |
| Vanadium | 51-2 | 19933 | 19536 | 18965 | 19478 | 2.50 | cps |
| Yttrium | 89-1 | 19612007 | 19795665 | 19927793 | 19778488 | 0.80 | cps |
| Yttrium | 89-2 | 5573230 | 5485949 | 5525253 | 5528144 | 0.79 | cps |
| Zinc | 66-2 | 1129156 | 1132056 | 1129785 | 1130332 | 0.13 | cps |
| Zirconium | 90-1 | 37454 | 38153 | 38367 | 37991 | 1.26 | cps |
| Zirconium | 91-1 | 8603 | 8816 | 8506 | 8641 | 1.84 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:03:25 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1292684 | 1288945 | 1257079 | 1279569 | 1.53 | cps |
| Antimony | 121-1 | 807324 | 822945 | 818001 | 816090 | 0.98 | cps |
| Arsenic | 75-2 | 143270 | 143318 | 142960 | 143183 | 0.14 | cps |
| Barium | 135-1 | 784535 | 787570 | 788609 | 786904 | 0.27 | cps |
| Barium | 137-1 | 1366436 | 1373808 | 1374280 | 1371508 | 0.32 | cps |
| Beryllium | 9-1 | 7775 | 7972 | 7545 | 7764 | 2.75 | cps |
| Bismuth | 209-1 | 9973755 | 10036483 | 10018022 | 10009420 | 0.32 | cps |
| Bismuth | 209-2 | 8318744 | 8485323 | 8401242 | 8401770 | 0.99 | cps |
| Bromine | 81-1 | 32953 | 33889 | 34263 | 33702 | 2.00 | cps |
| Bromine | 81-2 | 3841 | 4161 | 4017 | 4006 | 4.00 | cps |
| Cadmium | 108-1 | 11048 | 11368 | 11074 | 11163 | 1.59 | cps |
| Cadmium | 106-1 | 19840 | 20024 | 20204 | 20023 | 0.91 | cps |
| Cadmium | 111-1 | 164102 | 164443 | 162989 | 163845 | 0.46 | cps |
| Calcium | 43-1 | 467030 | 470185 | 465806 | 467673 | 0.48 | cps |
| Calcium | 44-1 | 7314420 | 7272113 | 7356268 | 7314267 | 0.58 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 172965 | 174588 | 173968 | 173840 | 0.47 | cps |
| Cobalt | 59-2 | 534674 | 534282 | 538476 | 535811 | 0.43 | cps |
| Copper | 63-2 | 1602977 | 1572820 | 1546560 | 1574119 | 1.79 | cps |
| Dysprosium | 156-1 | 12672 | 12913 | 12656 | 12747 | 1.13 | cps |
| Dysprosium | 156-2 | 11378 | 10751 | 10697 | 10942 | 3.46 | cps |
| Erbium | 164-1 | 11378 | 11461 | 11108 | 11316 | 1.63 | cps |
| Erbium | 164-2 | 8339 | 8483 | 8299 | 8374 | 1.15 | cps |
| Gadolinium | 160-1 | 12369 | 12743 | 12779 | 12630 | 1.80 | cps |
| Gadolinium | 160-2 | 10517 | 9887 | 9940 | 10115 | 3.46 | cps |
| Holmium | 165-1 | 16414177 | 16308720 | 16211022 | 16311306 | 0.62 | cps |
| Holmium | 165-2 | 11753979 | 11823845 | 11685638 | 11754487 | 0.59 | cps |
| Indium | 115-1 | 13488151 | 13470961 | 13242597 | 13400569 | 1.02 | cps |
| Indium | 115-2 | 5118798 | 5039518 | 4999946 | 5052754 | 1.20 | cps |
| Iron | 56-2 | 75356949 | 74550107 | 74541427 | 74816161 | 0.63 | cps |
| Iron | 57-2 | 1881611 | 1850999 | 1858941 | 1863850 | 0.85 | cps |
| Iron | 54-2 | 4096146 | 4071881 | 4045502 | 4071176 | 0.62 | cps |
| Krypton | 83-1 | 253 | 280 | 250 | 261 | 6.30 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:03:25 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2653780 | 2706507 | 2684654 | 2681647 | 0.99 | cps |
| Lead | 207-1 | 2282533 | 2333464 | 2276244 | 2297413 | 1.37 | cps |
| Lead | 208-1 | 10495607 | 10648207 | 10488316 | 10544043 | 0.86 | cps |
| Lithium | 6-1 | 1900299 | 1956666 | 1872004 | 1909656 | 2.26 | cps |
| Magnesium | 24-2 | 1286610 | 1264911 | 1250556 | 1267359 | 1.43 | cps |
| Manganese | 55-2 | 772091 | 772038 | 761565 | 768565 | 0.79 | cps |
| Molybdenum | 94-1 | 28304 | 28518 | 28421 | 28414 | 0.38 | cps |
| Molybdenum | 95-1 | 28842 | 28538 | 28090 | 28490 | 1.33 | cps |
| Molybdenum | 96-1 | 33609 | 34200 | 33047 | 33619 | 1.71 | cps |
| Molybdenum | 97-1 | 18332 | 18502 | 17884 | 18239 | 1.75 | cps |
| Molybdenum | 98-1 | 46554 | 46377 | 46403 | 46445 | 0.21 | cps |
| Neodymium | 150-1 | 21136 | 20502 | 20849 | 20829 | 1.52 | cps |
| Neodymium | 150-2 | 12839 | 13096 | 12549 | 12828 | 2.13 | cps |
| Nickel | 60-2 | 124817 | 124720 | 123681 | 124406 | 0.51 | cps |
| Phosphorus | 31-2 | 6601 | 6365 | 6035 | 6334 | 4.50 | cps |
| Potassium | 39-2 | 706404 | 710167 | 701181 | 705917 | 0.64 | cps |
| Rhodium | 103-1 | 12228145 | 12348416 | 12367435 | 12314666 | 0.61 | cps |
| Rhodium | 103-2 | 7398674 | 7408552 | 7420289 | 7409171 | 0.15 | cps |
| Scandium | 45-1 | 7237740 | 7170599 | 7161560 | 7189967 | 0.58 | cps |
| Scandium | 45-2 | 634641 | 626810 | 625956 | 629136 | 0.76 | cps |
| Selenium | 82-1 | 22507 | 22529 | 22787 | 22608 | 0.69 | cps |
| Selenium | 77-2 | 2350 | 2337 | 2650 | 2446 | 7.25 | cps |
| Selenium | 78-2 | 8446 | 8949 | 8896 | 8764 | 3.16 | cps |
| Silicon | 28-1 | 4999367 | 5745985 | 5216678 | 5320677 | 7.22 | cps |
| Silver | 107-1 | 90272 | 92794 | 90966 | 91344 | 1.43 | cps |
| Silver | 109-1 | 88049 | 87532 | 86754 | 87445 | 0.75 | cps |
| Sodium | 23-2 | 4502181 | 4454098 | 4474306 | 4476862 | 0.54 | cps |
| Strontium | 86-1 | 423831 | 420317 | 422428 | 422192 | 0.42 | cps |
| Strontium | 88-1 | 3790831 | 3767698 | 3735054 | 3764528 | 0.74 | cps |
| Sulfur | 34-1 | 261786 | 265233 | 266394 | 264471 | 0.91 | cps |
| Terbium | 159-1 | 16686988 | 16790975 | 17003737 | 16827234 | 0.96 | cps |
| Terbium | 159-2 | 11593502 | 11646828 | 11509644 | 11583325 | 0.60 | cps |
| Thallium | 203-1 | 1072672 | 1098785 | 1077128 | 1082862 | 1.29 | cps |
| Thallium | 205-1 | 2672496 | 2661550 | 2666880 | 2666975 | 0.21 | cps |
| Tin | 118-1 | 196465 | 198316 | 197796 | 197526 | 0.48 | cps |
| Titanium | 47-1 | 394147 | 398483 | 398642 | 397091 | 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 : | P5364-08DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:03:25 | DataFile Name : | 149SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 26213 | 26203 | 26189 | 26201 | 0.04 | cps |
| Vanadium | 51-2 | 308775 | 304187 | 306052 | 306338 | 0.75 | cps |
| Yttrium | 89-1 | 20218914 | 20451250 | 20336207 | 20335457 | 0.57 | cps |
| Yttrium | 89-2 | 5663918 | 5585456 | 5601628 | 5617001 | 0.74 | cps |
| Zinc | 66-2 | 891034 | 891856 | 880020 | 887637 | 0.74 | cps |
| Zirconium | 90-1 | 32159 | 32416 | 33215 | 32596 | 1.69 | cps |
| Zirconium | 91-1 | 7455 | 7285 | 7235 | 7325 | 1.58 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:06:31 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 834919 | 835226 | 843721 | 837955 | 0.60 | cps |
| Antimony | 121-1 | 5663136 | 5706909 | 5623461 | 5664502 | 0.74 | cps |
| Arsenic | 75-2 | 754019 | 752519 | 752788 | 753108 | 0.11 | cps |
| Barium | 135-1 | 131003 | 131622 | 131151 | 131258 | 0.25 | cps |
| Barium | 137-1 | 227492 | 230773 | 231441 | 229902 | 0.92 | cps |
| Beryllium | 9-1 | 437 | 423 | 507 | 456 | 9.83 | cps |
| Bismuth | 209-1 | 9730650 | 10011092 | 9873962 | 9871902 | 1.42 | cps |
| Bismuth | 209-2 | 8544908 | 8418163 | 8465614 | 8476228 | 0.76 | cps |
| Bromine | 81-1 | 20624 | 20638 | 20518 | 20593 | 0.32 | cps |
| Bromine | 81-2 | 1340 | 1333 | 1260 | 1311 | 3.39 | cps |
| Cadmium | 108-1 | 780 | 677 | 910 | 789 | 14.82 | cps |
| Cadmium | 106-1 | 5861 | 5741 | 5558 | 5720 | 2.67 | cps |
| Cadmium | 111-1 | 6507 | 6713 | 6414 | 6545 | 2.34 | cps |
| Calcium | 43-1 | 312398 | 318890 | 319952 | 317080 | 1.29 | cps |
| Calcium | 44-1 | 4898352 | 4992678 | 5001229 | 4964086 | 1.15 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 125352 | 125802 | 124969 | 125374 | 0.33 | cps |
| Cobalt | 59-2 | 299132 | 295576 | 298376 | 297695 | 0.63 | cps |
| Copper | 63-2 | 2585617 | 2574013 | 2574657 | 2578096 | 0.25 | cps |
| Dysprosium | 156-1 | 5638 | 5571 | 5668 | 5626 | 0.88 | cps |
| Dysprosium | 156-2 | 5171 | 4781 | 4788 | 4913 | 4.55 | cps |
| Erbium | 164-1 | 5621 | 5745 | 5801 | 5722 | 1.61 | cps |
| Erbium | 164-2 | 4101 | 4184 | 4101 | 4128 | 1.17 | cps |
| Gadolinium | 160-1 | 5431 | 5528 | 5278 | 5412 | 2.33 | cps |
| Gadolinium | 160-2 | 4841 | 4924 | 4854 | 4873 | 0.92 | cps |
| Holmium | 165-1 | 16088638 | 16128136 | 16206009 | 16140928 | 0.37 | cps |
| Holmium | 165-2 | 11698525 | 11826018 | 11887076 | 11803873 | 0.82 | cps |
| Indium | 115-1 | 13535128 | 13529278 | 13631350 | 13565252 | 0.42 | cps |
| Indium | 115-2 | 5161245 | 5260248 | 5231303 | 5217599 | 0.98 | cps |
| Iron | 56-2 | 161728514 | 161470838 | 160219088 | 161139480 | 0.50 | cps |
| Iron | 57-2 | 4023396 | 4030327 | 3969206 | 4007643 | 0.84 | cps |
| Iron | 54-2 | 8852932 | 8769883 | 8815462 | 8812759 | 0.47 | cps |
| Krypton | 83-1 | 200 | 177 | 230 | 202 | 13.22 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:06:31 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6518558 | 6639924 | 6596662 | 6585048 | 0.93 | cps |
| Lead | 207-1 | 5697277 | 5780368 | 5755413 | 5744353 | 0.74 | cps |
| Lead | 208-1 | 26044332 | 26381538 | 26248232 | 26224701 | 0.65 | cps |
| Lithium | 6-1 | 1898060 | 1881357 | 1873161 | 1884193 | 0.67 | cps |
| Magnesium | 24-2 | 578749 | 580358 | 585251 | 581453 | 0.58 | cps |
| Manganese | 55-2 | 573651 | 570921 | 573632 | 572734 | 0.27 | cps |
| Molybdenum | 94-1 | 319077 | 321618 | 324146 | 321613 | 0.79 | cps |
| Molybdenum | 95-1 | 512551 | 514639 | 517865 | 515018 | 0.52 | cps |
| Molybdenum | 96-1 | 561599 | 566011 | 562894 | 563501 | 0.40 | cps |
| Molybdenum | 97-1 | 321005 | 325064 | 322541 | 322870 | 0.63 | cps |
| Molybdenum | 98-1 | 823103 | 839961 | 837751 | 833605 | 1.10 | cps |
| Neodymium | 150-1 | 8553 | 8856 | 8573 | 8661 | 1.96 | cps |
| Neodymium | 150-2 | 5398 | 5665 | 5298 | 5453 | 3.48 | cps |
| Nickel | 60-2 | 31496 | 31536 | 32034 | 31689 | 0.95 | cps |
| Phosphorus | 31-2 | 3054 | 2974 | 3130 | 3053 | 2.57 | cps |
| Potassium | 39-2 | 488018 | 482597 | 484751 | 485122 | 0.56 | cps |
| Rhodium | 103-1 | 12176581 | 12297746 | 12206881 | 12227069 | 0.52 | cps |
| Rhodium | 103-2 | 7413482 | 7599529 | 7400165 | 7471059 | 1.49 | cps |
| Scandium | 45-1 | 7033711 | 7141198 | 7130617 | 7101842 | 0.83 | cps |
| Scandium | 45-2 | 634783 | 636975 | 634478 | 635412 | 0.21 | cps |
| Selenium | 82-1 | 285 | 386 | 302 | 324 | 16.70 | cps |
| Selenium | 77-2 | 53 | 43 | 20 | 39 | 43.98 | cps |
| Selenium | 78-2 | 537 | 563 | 480 | 527 | 8.08 | cps |
| Silicon | 28-1 | 10244255 | 10452315 | 10207072 | 10301214 | 1.28 | cps |
| Silver | 107-1 | 16957 | 18008 | 17157 | 17374 | 3.21 | cps |
| Silver | 109-1 | 16610 | 16897 | 16570 | 16692 | 1.07 | cps |
| Sodium | 23-2 | 1750206 | 1747263 | 1750218 | 1749229 | 0.10 | cps |
| Strontium | 86-1 | 183519 | 189310 | 187400 | 186743 | 1.58 | cps |
| Strontium | 88-1 | 1646897 | 1647668 | 1679268 | 1657944 | 1.11 | cps |
| Sulfur | 34-1 | 217219 | 219098 | 217391 | 217902 | 0.48 | cps |
| Terbium | 159-1 | 16443882 | 16536604 | 16545598 | 16508694 | 0.34 | cps |
| Terbium | 159-2 | 11615621 | 11731531 | 11628971 | 11658708 | 0.54 | cps |
| Thallium | 203-1 | 9774 | 10030 | 9957 | 9920 | 1.33 | cps |
| Thallium | 205-1 | 23731 | 23914 | 23253 | 23633 | 1.44 | cps |
| Tin | 118-1 | 994975 | 1008806 | 1003381 | 1002387 | 0.70 | cps |
| Titanium | 47-1 | 218940 | 222342 | 218437 | 219907 | 0.97 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:06:31 | DataFile Name : | 150SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 35307 | 35430 | 34906 | 35214 | 0.78 | cps |
| Vanadium | 51-2 | 39876 | 39545 | 40441 | 39954 | 1.13 | cps |
| Yttrium | 89-1 | 20058812 | 19945953 | 20236210 | 20080325 | 0.73 | cps |
| Yttrium | 89-2 | 5696326 | 5726697 | 5681312 | 5701445 | 0.41 | cps |
| Zinc | 66-2 | 2285156 | 2304579 | 2317086 | 2302274 | 0.70 | cps |
| Zirconium | 90-1 | 75960 | 76665 | 75382 | 76002 | 0.85 | cps |
| Zirconium | 91-1 | 18201 | 18118 | 18265 | 18195 | 0.41 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:09:39 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 826848 | 828298 | 826359 | 827168 | 0.12 | cps |
| Antimony | 121-1 | 5679512 | 5719806 | 5638016 | 5679111 | 0.72 | cps |
| Arsenic | 75-2 | 752070 | 753397 | 748284 | 751250 | 0.35 | cps |
| Barium | 135-1 | 130775 | 132092 | 132369 | 131745 | 0.65 | cps |
| Barium | 137-1 | 228176 | 229502 | 229756 | 229145 | 0.37 | cps |
| Beryllium | 9-1 | 463 | 430 | 443 | 446 | 3.77 | cps |
| Bismuth | 209-1 | 9960831 | 9849362 | 9926575 | 9912256 | 0.58 | cps |
| Bismuth | 209-2 | 8554606 | 8486967 | 8415644 | 8485739 | 0.82 | cps |
| Bromine | 81-1 | 20454 | 20891 | 20655 | 20667 | 1.06 | cps |
| Bromine | 81-2 | 1427 | 1193 | 1197 | 1272 | 10.51 | cps |
| Cadmium | 108-1 | 743 | 760 | 727 | 743 | 2.24 | cps |
| Cadmium | 106-1 | 5721 | 5581 | 5674 | 5659 | 1.26 | cps |
| Cadmium | 111-1 | 6576 | 6245 | 6194 | 6338 | 3.27 | cps |
| Calcium | 43-1 | 313447 | 320659 | 318178 | 317428 | 1.15 | cps |
| Calcium | 44-1 | 4908699 | 4930433 | 5028137 | 4955756 | 1.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 125047 | 123652 | 125641 | 124780 | 0.82 | cps |
| Cobalt | 59-2 | 294379 | 293829 | 294392 | 294200 | 0.11 | cps |
| Copper | 63-2 | 2570685 | 2523100 | 2600637 | 2564807 | 1.52 | cps |
| Dysprosium | 156-1 | 5434 | 5601 | 5708 | 5581 | 2.47 | cps |
| Dysprosium | 156-2 | 4701 | 4694 | 4948 | 4781 | 3.02 | cps |
| Erbium | 164-1 | 5568 | 5615 | 5678 | 5620 | 0.98 | cps |
| Erbium | 164-2 | 3934 | 4284 | 4154 | 4124 | 4.29 | cps |
| Gadolinium | 160-1 | 5081 | 5661 | 5601 | 5448 | 5.86 | cps |
| Gadolinium | 160-2 | 4467 | 4704 | 4637 | 4603 | 2.65 | cps |
| Holmium | 165-1 | 16110751 | 16071519 | 16142682 | 16108318 | 0.22 | cps |
| Holmium | 165-2 | 11798605 | 11733543 | 11703119 | 11745089 | 0.42 | cps |
| Indium | 115-1 | 13538608 | 13643399 | 13504944 | 13562317 | 0.53 | cps |
| Indium | 115-2 | 5163397 | 5187376 | 5141523 | 5164099 | 0.44 | cps |
| Iron | 56-2 | 158748431 | 160736608 | 159757041 | 159747360 | 0.62 | cps |
| Iron | 57-2 | 3985659 | 4000487 | 3970770 | 3985639 | 0.37 | cps |
| Iron | 54-2 | 8804630 | 8746334 | 8756542 | 8769169 | 0.36 | cps |
| Krypton | 83-1 | 243 | 243 | 237 | 241 | 1.60 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:09:39 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6492029 | 6559062 | 6614857 | 6555316 | 0.94 | cps |
| Lead | 207-1 | 5666550 | 5729955 | 5784461 | 5726988 | 1.03 | cps |
| Lead | 208-1 | 25844718 | 26222627 | 26374685 | 26147343 | 1.04 | cps |
| Lithium | 6-1 | 1889842 | 1889221 | 1890367 | 1889810 | 0.03 | cps |
| Magnesium | 24-2 | 574351 | 576448 | 579389 | 576729 | 0.44 | cps |
| Manganese | 55-2 | 569261 | 570875 | 566812 | 568983 | 0.36 | cps |
| Molybdenum | 94-1 | 317678 | 321542 | 322227 | 320482 | 0.77 | cps |
| Molybdenum | 95-1 | 511556 | 516209 | 517090 | 514952 | 0.58 | cps |
| Molybdenum | 96-1 | 558325 | 562650 | 562004 | 560993 | 0.42 | cps |
| Molybdenum | 97-1 | 320686 | 323028 | 323955 | 322556 | 0.52 | cps |
| Molybdenum | 98-1 | 827744 | 839047 | 836477 | 834423 | 0.71 | cps |
| Neodymium | 150-1 | 8476 | 8726 | 8763 | 8655 | 1.80 | cps |
| Neodymium | 150-2 | 5461 | 5511 | 5651 | 5541 | 1.78 | cps |
| Nickel | 60-2 | 31593 | 30908 | 31152 | 31218 | 1.11 | cps |
| Phosphorus | 31-2 | 3007 | 3040 | 3147 | 3065 | 2.39 | cps |
| Potassium | 39-2 | 481450 | 485815 | 486036 | 484434 | 0.53 | cps |
| Rhodium | 103-1 | 12267745 | 12240269 | 12226461 | 12244825 | 0.17 | cps |
| Rhodium | 103-2 | 7521892 | 7503558 | 7404428 | 7476626 | 0.85 | cps |
| Scandium | 45-1 | 7136251 | 7095709 | 7131781 | 7121247 | 0.31 | cps |
| Scandium | 45-2 | 635676 | 635133 | 635175 | 635328 | 0.05 | cps |
| Selenium | 82-1 | 306 | 282 | 258 | 282 | 8.44 | cps |
| Selenium | 77-2 | 37 | 33 | 17 | 29 | 37.08 | cps |
| Selenium | 78-2 | 470 | 503 | 577 | 517 | 10.56 | cps |
| Silicon | 28-1 | 10404759 | 10345499 | 10479218 | 10409825 | 0.64 | cps |
| Silver | 107-1 | 17177 | 17467 | 17420 | 17355 | 0.90 | cps |
| Silver | 109-1 | 16146 | 16449 | 16593 | 16396 | 1.39 | cps |
| Sodium | 23-2 | 1744406 | 1763417 | 1742575 | 1750133 | 0.66 | cps |
| Strontium | 86-1 | 185662 | 187105 | 185898 | 186222 | 0.42 | cps |
| Strontium | 88-1 | 1643265 | 1690645 | 1659070 | 1664327 | 1.45 | cps |
| Sulfur | 34-1 | 214213 | 218455 | 218114 | 216927 | 1.09 | cps |
| Terbium | 159-1 | 16648477 | 16578194 | 16470602 | 16565758 | 0.54 | cps |
| Terbium | 159-2 | 11668666 | 11720922 | 11617067 | 11668885 | 0.45 | cps |
| Thallium | 203-1 | 9613 | 9647 | 9590 | 9617 | 0.30 | cps |
| Thallium | 205-1 | 22322 | 22689 | 22772 | 22594 | 1.06 | cps |
| Tin | 118-1 | 992393 | 998789 | 999720 | 996967 | 0.40 | cps |
| Titanium | 47-1 | 218190 | 222184 | 223047 | 221140 | 1.17 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:09:39 | DataFile Name : | 151SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 34785 | 35247 | 35334 | 35122 | 0.84 | cps |
| Vanadium | 51-2 | 39458 | 39806 | 39776 | 39680 | 0.49 | cps |
| Yttrium | 89-1 | 20256735 | 20195700 | 20101898 | 20184777 | 0.39 | cps |
| Yttrium | 89-2 | 5695609 | 5612876 | 5592385 | 5633623 | 0.97 | cps |
| Zinc | 66-2 | 2295065 | 2308966 | 2307555 | 2303862 | 0.33 | cps |
| Zirconium | 90-1 | 75786 | 77061 | 75905 | 76250 | 0.92 | cps |
| Zirconium | 91-1 | 18295 | 17931 | 18355 | 18194 | 1.26 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 00:12:46 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 167825 | 166929 | 168113 | 167623 | 0.37 | cps |
| Antimony | 121-1 | 1080575 | 1083787 | 1104229 | 1089530 | 1.18 | cps |
| Arsenic | 75-2 | 151164 | 150645 | 151567 | 151125 | 0.31 | cps |
| Barium | 135-1 | 26181 | 26097 | 26358 | 26212 | 0.51 | cps |
| Barium | 137-1 | 45697 | 46265 | 46155 | 46039 | 0.65 | cps |
| Beryllium | 9-1 | 123 | 120 | 140 | 128 | 8.39 | cps |
| Bismuth | 209-1 | 9904493 | 9670795 | 9832775 | 9802688 | 1.22 | cps |
| Bismuth | 209-2 | 8463387 | 8381408 | 8297890 | 8380895 | 0.99 | cps |
| Bromine | 81-1 | 16393 | 16763 | 16099 | 16418 | 2.03 | cps |
| Bromine | 81-2 | 403 | 387 | 377 | 389 | 3.46 | cps |
| Cadmium | 108-1 | 130 | 177 | 153 | 153 | 15.22 | cps |
| Cadmium | 106-1 | 5081 | 4791 | 4828 | 4900 | 3.22 | cps |
| Cadmium | 111-1 | 2046 | 1982 | 2047 | 2025 | 1.83 | cps |
| Calcium | 43-1 | 63562 | 64269 | 64041 | 63957 | 0.56 | cps |
| Calcium | 44-1 | 1017075 | 1036033 | 1031320 | 1028143 | 0.96 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 27512 | 26630 | 27445 | 27196 | 1.80 | cps |
| Cobalt | 59-2 | 59902 | 59815 | 58885 | 59534 | 0.95 | cps |
| Copper | 63-2 | 507740 | 503978 | 505067 | 505595 | 0.38 | cps |
| Dysprosium | 156-1 | 1143 | 1167 | 1080 | 1130 | 3.97 | cps |
| Dysprosium | 156-2 | 887 | 967 | 920 | 924 | 4.35 | cps |
| Erbium | 164-1 | 1170 | 1360 | 1187 | 1239 | 8.49 | cps |
| Erbium | 164-2 | 920 | 937 | 893 | 917 | 2.38 | cps |
| Gadolinium | 160-1 | 1160 | 1140 | 1133 | 1145 | 1.21 | cps |
| Gadolinium | 160-2 | 1463 | 1380 | 1493 | 1446 | 4.06 | cps |
| Holmium | 165-1 | 16184163 | 15996087 | 15921685 | 16033978 | 0.84 | cps |
| Holmium | 165-2 | 11738271 | 11728834 | 11668081 | 11711729 | 0.33 | cps |
| Indium | 115-1 | 13303715 | 13241573 | 13365627 | 13303638 | 0.47 | cps |
| Indium | 115-2 | 5127694 | 5048628 | 5066452 | 5080925 | 0.82 | cps |
| Iron | 56-2 | 32225751 | 32216198 | 32018683 | 32153544 | 0.36 | cps |
| Iron | 57-2 | 809537 | 805039 | 806495 | 807024 | 0.28 | cps |
| Iron | 54-2 | 1780796 | 1755146 | 1736057 | 1757333 | 1.28 | cps |
| Krypton | 83-1 | 210 | 250 | 167 | 209 | 19.95 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 00:12:46 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1234508 | 1257465 | 1251867 | 1247947 | 0.96 | cps |
| Lead | 207-1 | 1072395 | 1081310 | 1091057 | 1081587 | 0.86 | cps |
| Lead | 208-1 | 5057112 | 5080247 | 5089452 | 5075604 | 0.33 | cps |
| Lithium | 6-1 | 1915802 | 1897471 | 1868607 | 1893960 | 1.26 | cps |
| Magnesium | 24-2 | 118441 | 116681 | 117441 | 117521 | 0.75 | cps |
| Manganese | 55-2 | 116637 | 115758 | 115983 | 116126 | 0.39 | cps |
| Molybdenum | 94-1 | 63815 | 64622 | 65425 | 64621 | 1.25 | cps |
| Molybdenum | 95-1 | 102385 | 103667 | 103415 | 103156 | 0.66 | cps |
| Molybdenum | 96-1 | 112407 | 113809 | 112505 | 112907 | 0.69 | cps |
| Molybdenum | 97-1 | 64301 | 64384 | 65268 | 64651 | 0.83 | cps |
| Molybdenum | 98-1 | 166089 | 165734 | 168085 | 166636 | 0.76 | cps |
| Neodymium | 150-1 | 1670 | 1643 | 1817 | 1710 | 5.46 | cps |
| Neodymium | 150-2 | 1087 | 1067 | 1130 | 1094 | 2.96 | cps |
| Nickel | 60-2 | 7489 | 7472 | 7285 | 7415 | 1.52 | cps |
| Phosphorus | 31-2 | 707 | 740 | 653 | 700 | 6.25 | cps |
| Potassium | 39-2 | 141934 | 140295 | 141635 | 141288 | 0.62 | cps |
| Rhodium | 103-1 | 12310835 | 12265903 | 12379962 | 12318900 | 0.47 | cps |
| Rhodium | 103-2 | 7484837 | 7539087 | 7485328 | 7503084 | 0.42 | cps |
| Scandium | 45-1 | 7175714 | 7078163 | 7057674 | 7103851 | 0.89 | cps |
| Scandium | 45-2 | 636499 | 635756 | 629258 | 633838 | 0.63 | cps |
| Selenium | 82-1 | 249 | 161 | 277 | 229 | 26.58 | cps |
| Selenium | 77-2 | 3 | 3 | 13 | 7 | 86.65 | cps |
| Selenium | 78-2 | 473 | 463 | 470 | 469 | 1.09 | cps |
| Silicon | 28-1 | 2713955 | 2735860 | 2760977 | 2736931 | 0.86 | cps |
| Silver | 107-1 | 3550 | 3657 | 3374 | 3527 | 4.06 | cps |
| Silver | 109-1 | 3134 | 2977 | 3447 | 3186 | 7.51 | cps |
| Sodium | 23-2 | 351280 | 348988 | 347182 | 349150 | 0.59 | cps |
| Strontium | 86-1 | 37190 | 37113 | 37026 | 37110 | 0.22 | cps |
| Strontium | 88-1 | 316312 | 323794 | 326996 | 322367 | 1.70 | cps |
| Sulfur | 34-1 | 186455 | 188315 | 188126 | 187632 | 0.55 | cps |
| Terbium | 159-1 | 16648233 | 16716431 | 16574439 | 16646367 | 0.43 | cps |
| Terbium | 159-2 | 11481253 | 11552249 | 11594309 | 11542604 | 0.50 | cps |
| Thallium | 203-1 | 2060 | 2120 | 2000 | 2060 | 2.91 | cps |
| Thallium | 205-1 | 5108 | 5071 | 5194 | 5124 | 1.24 | cps |
| Tin | 118-1 | 198978 | 200015 | 200951 | 199982 | 0.49 | cps |
| Titanium | 47-1 | 43643 | 45088 | 44131 | 44287 | 1.66 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL2X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 00:12:46 | DataFile Name : | 152SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6875 | 6855 | 7039 | 6923 | 1.45 | cps |
| Vanadium | 51-2 | 7762 | 7996 | 7946 | 7901 | 1.56 | cps |
| Yttrium | 89-1 | 20173806 | 19900308 | 20215100 | 20096404 | 0.85 | cps |
| Yttrium | 89-2 | 5598107 | 5610904 | 5616300 | 5608437 | 0.17 | cps |
| Zinc | 66-2 | 453802 | 451486 | 450603 | 451964 | 0.37 | cps |
| Zirconium | 90-1 | 15178 | 15695 | 15702 | 15525 | 1.94 | cps |
| Zirconium | 91-1 | 3630 | 3587 | 3721 | 3646 | 1.87 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:16:06 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 837183 | 836226 | 841215 | 838208 | 0.32 | cps |
| Antimony | 121-1 | 5430317 | 5569414 | 5483653 | 5494462 | 1.28 | cps |
| Arsenic | 75-2 | 761864 | 758917 | 762562 | 761114 | 0.25 | cps |
| Barium | 135-1 | 377416 | 379571 | 377915 | 378301 | 0.30 | cps |
| Barium | 137-1 | 657527 | 659706 | 658172 | 658468 | 0.17 | cps |
| Beryllium | 9-1 | 3374 | 3554 | 3364 | 3430 | 3.12 | cps |
| Bismuth | 209-1 | 9759080 | 9930799 | 9812088 | 9833989 | 0.89 | cps |
| Bismuth | 209-2 | 8454729 | 8575688 | 8516562 | 8515660 | 0.71 | cps |
| Bromine | 81-1 | 19930 | 20184 | 20317 | 20144 | 0.98 | cps |
| Bromine | 81-2 | 1327 | 1193 | 1233 | 1251 | 5.47 | cps |
| Cadmium | 108-1 | 5158 | 5001 | 5124 | 5094 | 1.62 | cps |
| Cadmium | 106-1 | 11698 | 12122 | 11611 | 11810 | 2.31 | cps |
| Cadmium | 111-1 | 69851 | 70710 | 71061 | 70541 | 0.88 | cps |
| Calcium | 43-1 | 308624 | 311240 | 310917 | 310260 | 0.46 | cps |
| Calcium | 44-1 | 4853668 | 4860881 | 4853776 | 4856108 | 0.09 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 163104 | 161844 | 164064 | 163004 | 0.68 | cps |
| Cobalt | 59-2 | 451587 | 454424 | 451598 | 452536 | 0.36 | cps |
| Copper | 63-2 | 2549183 | 2514998 | 2534687 | 2532956 | 0.68 | cps |
| Dysprosium | 156-1 | 5358 | 5531 | 5481 | 5457 | 1.64 | cps |
| Dysprosium | 156-2 | 4774 | 4734 | 4754 | 4754 | 0.42 | cps |
| Erbium | 164-1 | 5408 | 5414 | 5241 | 5354 | 1.83 | cps |
| Erbium | 164-2 | 3984 | 3761 | 3994 | 3913 | 3.37 | cps |
| Gadolinium | 160-1 | 5251 | 5438 | 5468 | 5386 | 2.18 | cps |
| Gadolinium | 160-2 | 4861 | 4601 | 4901 | 4788 | 3.40 | cps |
| Holmium | 165-1 | 16262816 | 16474187 | 16142777 | 16293260 | 1.03 | cps |
| Holmium | 165-2 | 11915594 | 11990570 | 11810672 | 11905612 | 0.76 | cps |
| Indium | 115-1 | 13703663 | 13551688 | 13815343 | 13690231 | 0.97 | cps |
| Indium | 115-2 | 5248167 | 5232294 | 5249608 | 5243357 | 0.18 | cps |
| Iron | 56-2 | 156778704 | 157142434 | 155513214 | 156478118 | 0.55 | cps |
| Iron | 57-2 | 3877693 | 3857758 | 3830525 | 3855325 | 0.61 | cps |
| Iron | 54-2 | 8607044 | 8544899 | 8553646 | 8568529 | 0.39 | cps |
| Krypton | 83-1 | 197 | 230 | 213 | 213 | 7.81 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:16:06 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6626931 | 6756547 | 6708210 | 6697229 | 0.98 | cps |
| Lead | 207-1 | 5785363 | 5805575 | 5774302 | 5788413 | 0.27 | cps |
| Lead | 208-1 | 26447174 | 26831021 | 26507031 | 26595075 | 0.78 | cps |
| Lithium | 6-1 | 1884368 | 1906824 | 1887978 | 1893057 | 0.64 | cps |
| Magnesium | 24-2 | 566378 | 565083 | 565681 | 565714 | 0.11 | cps |
| Manganese | 55-2 | 639643 | 634553 | 636161 | 636786 | 0.41 | cps |
| Molybdenum | 94-1 | 312728 | 315864 | 314646 | 314413 | 0.50 | cps |
| Molybdenum | 95-1 | 507352 | 504435 | 505615 | 505801 | 0.29 | cps |
| Molybdenum | 96-1 | 546939 | 547771 | 552078 | 548929 | 0.50 | cps |
| Molybdenum | 97-1 | 313131 | 316727 | 317328 | 315728 | 0.72 | cps |
| Molybdenum | 98-1 | 816527 | 817555 | 820393 | 818158 | 0.24 | cps |
| Neodymium | 150-1 | 8559 | 8149 | 8713 | 8474 | 3.44 | cps |
| Neodymium | 150-2 | 5271 | 5208 | 5268 | 5249 | 0.68 | cps |
| Nickel | 60-2 | 71600 | 71693 | 71921 | 71738 | 0.23 | cps |
| Phosphorus | 31-2 | 3244 | 3030 | 2914 | 3063 | 5.47 | cps |
| Potassium | 39-2 | 475332 | 475020 | 475937 | 475430 | 0.10 | cps |
| Rhodium | 103-1 | 12291132 | 12293623 | 12393875 | 12326210 | 0.48 | cps |
| Rhodium | 103-2 | 7495399 | 7488329 | 7572527 | 7518752 | 0.62 | cps |
| Scandium | 45-1 | 7182301 | 7204401 | 7144715 | 7177139 | 0.42 | cps |
| Scandium | 45-2 | 637601 | 639008 | 640417 | 639009 | 0.22 | cps |
| Selenium | 82-1 | 9183 | 9226 | 9163 | 9191 | 0.35 | cps |
| Selenium | 77-2 | 1053 | 1143 | 1000 | 1066 | 6.80 | cps |
| Selenium | 78-2 | 3844 | 3814 | 3837 | 3832 | 0.41 | cps |
| Silicon | 28-1 | 9895144 | 10832823 | 10119401 | 10282456 | 4.76 | cps |
| Silver | 107-1 | 47982 | 49153 | 49380 | 48838 | 1.54 | cps |
| Silver | 109-1 | 45572 | 46805 | 46635 | 46337 | 1.44 | cps |
| Sodium | 23-2 | 1711451 | 1710584 | 1685749 | 1702595 | 0.86 | cps |
| Strontium | 86-1 | 182698 | 180940 | 181855 | 181831 | 0.48 | cps |
| Strontium | 88-1 | 1610341 | 1603513 | 1620191 | 1611348 | 0.52 | cps |
| Sulfur | 34-1 | 216156 | 216153 | 215944 | 216084 | 0.06 | cps |
| Terbium | 159-1 | 16629606 | 16821075 | 16349434 | 16600038 | 1.43 | cps |
| Terbium | 159-2 | 11725485 | 11631244 | 11644237 | 11666989 | 0.44 | cps |
| Thallium | 203-1 | 435471 | 438765 | 434348 | 436195 | 0.53 | cps |
| Thallium | 205-1 | 1029712 | 1031157 | 1037034 | 1032634 | 0.38 | cps |
| Tin | 118-1 | 970341 | 976243 | 975803 | 974129 | 0.34 | cps |
| Titanium | 47-1 | 218162 | 217090 | 217355 | 217536 | 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 : | P5364-08DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:16:06 | DataFile Name : | 153SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33883 | 34712 | 34137 | 34244 | 1.24 | cps |
| Vanadium | 51-2 | 131735 | 129778 | 129120 | 130211 | 1.04 | cps |
| Yttrium | 89-1 | 20135774 | 20358263 | 20195961 | 20229999 | 0.57 | cps |
| Yttrium | 89-2 | 5774315 | 5693457 | 5690246 | 5719339 | 0.83 | cps |
| Zinc | 66-2 | 2252915 | 2272575 | 2234800 | 2253430 | 0.84 | cps |
| Zirconium | 90-1 | 73188 | 73797 | 74474 | 73820 | 0.87 | cps |
| Zirconium | 91-1 | 17294 | 18125 | 17527 | 17649 | 2.43 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:19:13 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 418085 | 416304 | 414958 | 416449 | 0.38 | cps |
| Antimony | 121-1 | 2787558 | 2878565 | 2777867 | 2814663 | 1.97 | cps |
| Arsenic | 75-2 | 375920 | 375982 | 373875 | 375259 | 0.32 | cps |
| Barium | 135-1 | 64840 | 65171 | 64612 | 64875 | 0.43 | cps |
| Barium | 137-1 | 114362 | 114251 | 112863 | 113825 | 0.73 | cps |
| Beryllium | 9-1 | 227 | 227 | 263 | 239 | 8.86 | cps |
| Bismuth | 209-1 | 9724386 | 9891361 | 9716894 | 9777547 | 1.01 | cps |
| Bismuth | 209-2 | 8478559 | 8458434 | 8513794 | 8483595 | 0.33 | cps |
| Bromine | 81-1 | 17944 | 17661 | 18165 | 17923 | 1.41 | cps |
| Bromine | 81-2 | 733 | 717 | 770 | 740 | 3.69 | cps |
| Cadmium | 108-1 | 380 | 307 | 370 | 352 | 11.29 | cps |
| Cadmium | 106-1 | 5581 | 5058 | 5164 | 5268 | 5.25 | cps |
| Cadmium | 111-1 | 3720 | 3738 | 3567 | 3675 | 2.56 | cps |
| Calcium | 43-1 | 155998 | 159292 | 157982 | 157758 | 1.05 | cps |
| Calcium | 44-1 | 2463454 | 2425969 | 2503775 | 2464399 | 1.58 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 62509 | 63871 | 63730 | 63370 | 1.18 | cps |
| Cobalt | 59-2 | 147998 | 147755 | 146110 | 147288 | 0.70 | cps |
| Copper | 63-2 | 1253527 | 1250490 | 1246257 | 1250091 | 0.29 | cps |
| Dysprosium | 156-1 | 2840 | 2794 | 2624 | 2753 | 4.14 | cps |
| Dysprosium | 156-2 | 2264 | 2360 | 2307 | 2310 | 2.10 | cps |
| Erbium | 164-1 | 2717 | 2897 | 2837 | 2817 | 3.25 | cps |
| Erbium | 164-2 | 1997 | 1987 | 2167 | 2050 | 4.93 | cps |
| Gadolinium | 160-1 | 2817 | 2780 | 2947 | 2848 | 3.08 | cps |
| Gadolinium | 160-2 | 2704 | 2607 | 2847 | 2719 | 4.44 | cps |
| Holmium | 165-1 | 16191616 | 16167254 | 16037340 | 16132070 | 0.51 | cps |
| Holmium | 165-2 | 11696866 | 11842393 | 11766465 | 11768575 | 0.62 | cps |
| Indium | 115-1 | 13645623 | 13469597 | 13282691 | 13465970 | 1.35 | cps |
| Indium | 115-2 | 5116886 | 5103448 | 5101740 | 5107358 | 0.16 | cps |
| Iron | 56-2 | 80103222 | 80426520 | 79781252 | 80103665 | 0.40 | cps |
| Iron | 57-2 | 1968932 | 2018552 | 1970744 | 1986076 | 1.42 | cps |
| Iron | 54-2 | 4342277 | 4376841 | 4353763 | 4357627 | 0.40 | cps |
| Krypton | 83-1 | 253 | 257 | 163 | 224 | 23.59 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:19:13 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3215256 | 3294237 | 3195223 | 3234905 | 1.62 | cps |
| Lead | 207-1 | 2838139 | 2874689 | 2843580 | 2852136 | 0.69 | cps |
| Lead | 208-1 | 12923264 | 13086047 | 12852962 | 12954091 | 0.92 | cps |
| Lithium | 6-1 | 1957062 | 1920849 | 1918685 | 1932198 | 1.12 | cps |
| Magnesium | 24-2 | 293011 | 292539 | 290450 | 292000 | 0.47 | cps |
| Manganese | 55-2 | 283620 | 284559 | 282845 | 283675 | 0.30 | cps |
| Molybdenum | 94-1 | 162743 | 161048 | 159895 | 161229 | 0.89 | cps |
| Molybdenum | 95-1 | 256395 | 255500 | 253462 | 255119 | 0.59 | cps |
| Molybdenum | 96-1 | 278122 | 278010 | 276509 | 277547 | 0.32 | cps |
| Molybdenum | 97-1 | 161093 | 162083 | 158129 | 160435 | 1.28 | cps |
| Molybdenum | 98-1 | 411260 | 415041 | 413808 | 413369 | 0.47 | cps |
| Neodymium | 150-1 | 4371 | 4471 | 4281 | 4374 | 2.17 | cps |
| Neodymium | 150-2 | 2627 | 2710 | 2730 | 2689 | 2.04 | cps |
| Nickel | 60-2 | 15091 | 15632 | 15892 | 15538 | 2.63 | cps |
| Phosphorus | 31-2 | 1700 | 1540 | 1613 | 1618 | 4.95 | cps |
| Potassium | 39-2 | 270837 | 271979 | 268525 | 270447 | 0.65 | cps |
| Rhodium | 103-1 | 12508742 | 12345294 | 12402981 | 12419006 | 0.67 | cps |
| Rhodium | 103-2 | 7548456 | 7451449 | 7494154 | 7498019 | 0.65 | cps |
| Scandium | 45-1 | 7202565 | 7163536 | 7211913 | 7192671 | 0.36 | cps |
| Scandium | 45-2 | 642253 | 640057 | 635885 | 639398 | 0.51 | cps |
| Selenium | 82-1 | 225 | 235 | 305 | 255 | 17.10 | cps |
| Selenium | 77-2 | 7 | 7 | 13 | 9 | 43.25 | cps |
| Selenium | 78-2 | 500 | 507 | 387 | 464 | 14.52 | cps |
| Silicon | 28-1 | 5539592 | 5740972 | 5536180 | 5605582 | 2.09 | cps |
| Silver | 107-1 | 8469 | 8473 | 8906 | 8616 | 2.92 | cps |
| Silver | 109-1 | 7809 | 8159 | 8256 | 8075 | 2.91 | cps |
| Sodium | 23-2 | 833656 | 828036 | 827466 | 829719 | 0.41 | cps |
| Strontium | 86-1 | 92337 | 93088 | 92706 | 92710 | 0.40 | cps |
| Strontium | 88-1 | 796744 | 804354 | 801024 | 800707 | 0.48 | cps |
| Sulfur | 34-1 | 196720 | 196695 | 198523 | 197312 | 0.53 | cps |
| Terbium | 159-1 | 16676210 | 16439339 | 16423547 | 16513032 | 0.86 | cps |
| Terbium | 159-2 | 11651729 | 11685265 | 11715083 | 11684026 | 0.27 | cps |
| Thallium | 203-1 | 5054 | 5134 | 5084 | 5091 | 0.79 | cps |
| Thallium | 205-1 | 11862 | 11972 | 11382 | 11738 | 2.68 | cps |
| Tin | 118-1 | 494002 | 497539 | 496524 | 496022 | 0.37 | cps |
| Titanium | 47-1 | 108959 | 109442 | 110076 | 109492 | 0.51 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:19:13 | DataFile Name : | 154SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 16597 | 17468 | 17175 | 17080 | 2.59 | cps |
| Vanadium | 51-2 | 19353 | 20437 | 19720 | 19836 | 2.78 | cps |
| Yttrium | 89-1 | 20448283 | 20299495 | 19822628 | 20190135 | 1.62 | cps |
| Yttrium | 89-2 | 5670797 | 5633841 | 5599069 | 5634569 | 0.64 | cps |
| Zinc | 66-2 | 1127007 | 1117372 | 1112689 | 1119023 | 0.65 | cps |
| Zirconium | 90-1 | 38270 | 38103 | 37261 | 37878 | 1.43 | cps |
| Zirconium | 91-1 | 8973 | 8769 | 8889 | 8877 | 1.15 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:22:27 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 427167 | 427657 | 421877 | 425567 | 0.75 | cps |
| Antimony | 121-1 | 2841350 | 2826194 | 2870077 | 2845873 | 0.78 | cps |
| Arsenic | 75-2 | 382188 | 384073 | 379094 | 381785 | 0.66 | cps |
| Barium | 135-1 | 65932 | 66622 | 66233 | 66262 | 0.52 | cps |
| Barium | 137-1 | 114244 | 117084 | 116801 | 116043 | 1.35 | cps |
| Beryllium | 9-1 | 230 | 283 | 233 | 249 | 12.00 | cps |
| Bismuth | 209-1 | 10014630 | 9795126 | 9758143 | 9855966 | 1.41 | cps |
| Bismuth | 209-2 | 8378016 | 8493772 | 8325258 | 8399015 | 1.03 | cps |
| Bromine | 81-1 | 18235 | 17804 | 18014 | 18018 | 1.19 | cps |
| Bromine | 81-2 | 663 | 693 | 773 | 710 | 8.01 | cps |
| Cadmium | 108-1 | 370 | 377 | 387 | 378 | 2.22 | cps |
| Cadmium | 106-1 | 5328 | 5241 | 4928 | 5165 | 4.08 | cps |
| Cadmium | 111-1 | 3887 | 3720 | 3650 | 3753 | 3.25 | cps |
| Calcium | 43-1 | 158198 | 161050 | 161783 | 160344 | 1.18 | cps |
| Calcium | 44-1 | 2521295 | 2541638 | 2520039 | 2527657 | 0.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 64182 | 65552 | 64263 | 64666 | 1.19 | cps |
| Cobalt | 59-2 | 150152 | 151115 | 148395 | 149887 | 0.92 | cps |
| Copper | 63-2 | 1275383 | 1274112 | 1270322 | 1273272 | 0.21 | cps |
| Dysprosium | 156-1 | 2570 | 2750 | 2810 | 2710 | 4.61 | cps |
| Dysprosium | 156-2 | 2524 | 2497 | 2507 | 2509 | 0.54 | cps |
| Erbium | 164-1 | 2704 | 2747 | 2804 | 2751 | 1.82 | cps |
| Erbium | 164-2 | 1937 | 2007 | 2064 | 2002 | 3.17 | cps |
| Gadolinium | 160-1 | 2764 | 2767 | 2610 | 2714 | 3.30 | cps |
| Gadolinium | 160-2 | 2714 | 2854 | 2850 | 2806 | 2.85 | cps |
| Holmium | 165-1 | 16328870 | 15839980 | 16039398 | 16069416 | 1.53 | cps |
| Holmium | 165-2 | 11845805 | 11727024 | 11719932 | 11764254 | 0.60 | cps |
| Indium | 115-1 | 13615161 | 13349344 | 13327530 | 13430678 | 1.19 | cps |
| Indium | 115-2 | 5136519 | 5127469 | 5066703 | 5110230 | 0.74 | cps |
| Iron | 56-2 | 81598269 | 82374594 | 81016770 | 81663211 | 0.83 | cps |
| Iron | 57-2 | 2012982 | 2053095 | 1989652 | 2018576 | 1.59 | cps |
| Iron | 54-2 | 4486724 | 4505649 | 4367880 | 4453418 | 1.68 | cps |
| Krypton | 83-1 | 190 | 213 | 167 | 190 | 12.28 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:22:27 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3307209 | 3243581 | 3249911 | 3266900 | 1.07 | cps |
| Lead | 207-1 | 2893280 | 2897876 | 2854074 | 2881743 | 0.84 | cps |
| Lead | 208-1 | 13283698 | 13096888 | 12948809 | 13109798 | 1.28 | cps |
| Lithium | 6-1 | 1963244 | 1919692 | 1878496 | 1920477 | 2.21 | cps |
| Magnesium | 24-2 | 297468 | 299811 | 294268 | 297182 | 0.94 | cps |
| Manganese | 55-2 | 289475 | 291744 | 287411 | 289543 | 0.75 | cps |
| Molybdenum | 94-1 | 161119 | 161972 | 162170 | 161753 | 0.35 | cps |
| Molybdenum | 95-1 | 258523 | 259946 | 261775 | 260081 | 0.63 | cps |
| Molybdenum | 96-1 | 283414 | 286697 | 285891 | 285334 | 0.60 | cps |
| Molybdenum | 97-1 | 160311 | 163465 | 163210 | 162329 | 1.08 | cps |
| Molybdenum | 98-1 | 417117 | 417437 | 422375 | 418976 | 0.70 | cps |
| Neodymium | 150-1 | 4314 | 4447 | 4554 | 4439 | 2.71 | cps |
| Neodymium | 150-2 | 2804 | 2760 | 2644 | 2736 | 3.03 | cps |
| Nickel | 60-2 | 16139 | 16216 | 16029 | 16128 | 0.58 | cps |
| Phosphorus | 31-2 | 1560 | 1557 | 1507 | 1541 | 1.94 | cps |
| Potassium | 39-2 | 273887 | 275850 | 272674 | 274137 | 0.58 | cps |
| Rhodium | 103-1 | 12590239 | 12274008 | 12203126 | 12355791 | 1.67 | cps |
| Rhodium | 103-2 | 7499926 | 7385866 | 7331056 | 7405616 | 1.16 | cps |
| Scandium | 45-1 | 7286383 | 7132832 | 7110465 | 7176560 | 1.33 | cps |
| Scandium | 45-2 | 645793 | 644879 | 631133 | 640602 | 1.28 | cps |
| Selenium | 82-1 | 339 | 237 | 297 | 291 | 17.68 | cps |
| Selenium | 77-2 | 20 | 20 | 13 | 18 | 21.66 | cps |
| Selenium | 78-2 | 500 | 567 | 497 | 521 | 7.58 | cps |
| Silicon | 28-1 | 5569190 | 5699950 | 5739839 | 5669660 | 1.57 | cps |
| Silver | 107-1 | 8503 | 8499 | 8656 | 8553 | 1.05 | cps |
| Silver | 109-1 | 8166 | 8226 | 8212 | 8201 | 0.38 | cps |
| Sodium | 23-2 | 846016 | 853234 | 839817 | 846355 | 0.79 | cps |
| Strontium | 86-1 | 93249 | 94058 | 94360 | 93889 | 0.61 | cps |
| Strontium | 88-1 | 813860 | 814175 | 812384 | 813473 | 0.12 | cps |
| Sulfur | 34-1 | 199896 | 200089 | 199400 | 199795 | 0.18 | cps |
| Terbium | 159-1 | 16842274 | 16473681 | 16223928 | 16513295 | 1.88 | cps |
| Terbium | 159-2 | 11624371 | 11711271 | 11515258 | 11616967 | 0.85 | cps |
| Thallium | 203-1 | 4814 | 4914 | 5194 | 4974 | 3.96 | cps |
| Thallium | 205-1 | 11662 | 11602 | 11558 | 11607 | 0.45 | cps |
| Tin | 118-1 | 498863 | 509796 | 502812 | 503824 | 1.10 | cps |
| Titanium | 47-1 | 112118 | 111081 | 112901 | 112033 | 0.81 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:22:27 | DataFile Name : | 155SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 17432 | 17789 | 17011 | 17410 | 2.24 | cps |
| Vanadium | 51-2 | 20280 | 20668 | 19923 | 20290 | 1.83 | cps |
| Yttrium | 89-1 | 20195993 | 20118298 | 19839615 | 20051302 | 0.93 | cps |
| Yttrium | 89-2 | 5674971 | 5687067 | 5567459 | 5643165 | 1.17 | cps |
| Zinc | 66-2 | 1141784 | 1151976 | 1142933 | 1145565 | 0.49 | cps |
| Zirconium | 90-1 | 37865 | 38002 | 37926 | 37931 | 0.18 | cps |
| Zirconium | 91-1 | 9213 | 9133 | 9193 | 9180 | 0.45 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL3X50 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-28 00:25:37 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 81575 | 81976 | 83039 | 82197 | 0.92 | cps |
| Antimony | 121-1 | 523611 | 525535 | 519900 | 523016 | 0.55 | cps |
| Arsenic | 75-2 | 73330 | 73300 | 73434 | 73354 | 0.10 | cps |
| Barium | 135-1 | 12709 | 12793 | 12539 | 12680 | 1.02 | cps |
| Barium | 137-1 | 22207 | 21723 | 22284 | 22072 | 1.38 | cps |
| Beryllium | 9-1 | 87 | 63 | 87 | 79 | 17.08 | cps |
| Bismuth | 209-1 | 9721202 | 9691108 | 9569711 | 9660674 | 0.83 | cps |
| Bismuth | 209-2 | 8234497 | 8350149 | 8388047 | 8324231 | 0.96 | cps |
| Bromine | 81-1 | 15732 | 15398 | 15171 | 15434 | 1.83 | cps |
| Bromine | 81-2 | 253 | 283 | 243 | 260 | 8.01 | cps |
| Cadmium | 108-1 | 80 | 83 | 77 | 80 | 4.16 | cps |
| Cadmium | 106-1 | 4938 | 5124 | 4667 | 4910 | 4.68 | cps |
| Cadmium | 111-1 | 1618 | 1563 | 1429 | 1537 | 6.32 | cps |
| Calcium | 43-1 | 31205 | 30915 | 30628 | 30916 | 0.93 | cps |
| Calcium | 44-1 | 502643 | 502060 | 501303 | 502002 | 0.13 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 13780 | 14070 | 13993 | 13948 | 1.08 | cps |
| Cobalt | 59-2 | 29008 | 29108 | 28798 | 28971 | 0.55 | cps |
| Copper | 63-2 | 246054 | 244819 | 244949 | 245274 | 0.28 | cps |
| Dysprosium | 156-1 | 577 | 560 | 480 | 539 | 9.59 | cps |
| Dysprosium | 156-2 | 497 | 440 | 550 | 496 | 11.10 | cps |
| Erbium | 164-1 | 570 | 590 | 520 | 560 | 6.44 | cps |
| Erbium | 164-2 | 493 | 380 | 447 | 440 | 12.95 | cps |
| Gadolinium | 160-1 | 500 | 573 | 473 | 516 | 10.04 | cps |
| Gadolinium | 160-2 | 1103 | 953 | 1033 | 1030 | 7.29 | cps |
| Holmium | 165-1 | 15912839 | 15956684 | 15707741 | 15859088 | 0.84 | cps |
| Holmium | 165-2 | 11619356 | 11752072 | 11685428 | 11685619 | 0.57 | cps |
| Indium | 115-1 | 13219241 | 13040245 | 13190631 | 13150039 | 0.73 | cps |
| Indium | 115-2 | 5068968 | 4950943 | 5037602 | 5019171 | 1.22 | cps |
| Iron | 56-2 | 15726964 | 15672651 | 15716981 | 15705532 | 0.18 | cps |
| Iron | 57-2 | 390669 | 394413 | 391133 | 392072 | 0.52 | cps |
| Iron | 54-2 | 865051 | 865311 | 863569 | 864644 | 0.11 | cps |
| Krypton | 83-1 | 207 | 210 | 217 | 211 | 2.41 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL3X50 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-28 00:25:37 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 599680 | 598365 | 601410 | 599818 | 0.25 | cps |
| Lead | 207-1 | 516029 | 516673 | 515605 | 516102 | 0.10 | cps |
| Lead | 208-1 | 2374232 | 2370650 | 2358402 | 2367761 | 0.35 | cps |
| Lithium | 6-1 | 1898264 | 1859318 | 1895060 | 1884214 | 1.15 | cps |
| Magnesium | 24-2 | 57256 | 57243 | 57356 | 57285 | 0.11 | cps |
| Manganese | 55-2 | 56415 | 56164 | 56127 | 56236 | 0.28 | cps |
| Molybdenum | 94-1 | 30926 | 31644 | 30482 | 31017 | 1.89 | cps |
| Molybdenum | 95-1 | 49864 | 50125 | 49998 | 49996 | 0.26 | cps |
| Molybdenum | 96-1 | 55137 | 53698 | 54451 | 54429 | 1.32 | cps |
| Molybdenum | 97-1 | 31273 | 31033 | 31978 | 31428 | 1.56 | cps |
| Molybdenum | 98-1 | 80319 | 80906 | 80282 | 80502 | 0.43 | cps |
| Neodymium | 150-1 | 877 | 887 | 897 | 887 | 1.13 | cps |
| Neodymium | 150-2 | 527 | 510 | 567 | 534 | 5.45 | cps |
| Nickel | 60-2 | 3650 | 3510 | 3570 | 3577 | 1.96 | cps |
| Phosphorus | 31-2 | 407 | 427 | 393 | 409 | 4.10 | cps |
| Potassium | 39-2 | 98660 | 98254 | 99479 | 98798 | 0.63 | cps |
| Rhodium | 103-1 | 12152824 | 12313765 | 12148754 | 12205115 | 0.77 | cps |
| Rhodium | 103-2 | 7466696 | 7409762 | 7450168 | 7442209 | 0.39 | cps |
| Scandium | 45-1 | 7168988 | 7121873 | 7132229 | 7141030 | 0.35 | cps |
| Scandium | 45-2 | 635355 | 636208 | 636724 | 636096 | 0.11 | cps |
| Selenium | 82-1 | 199 | 157 | 139 | 165 | 18.48 | cps |
| Selenium | 77-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Selenium | 78-2 | 527 | 493 | 553 | 524 | 5.73 | cps |
| Silicon | 28-1 | 1786595 | 1809046 | 1859094 | 1818245 | 2.04 | cps |
| Silver | 107-1 | 1647 | 1853 | 1733 | 1745 | 5.95 | cps |
| Silver | 109-1 | 1477 | 1630 | 1610 | 1572 | 5.30 | cps |
| Sodium | 23-2 | 180575 | 179945 | 179823 | 180114 | 0.22 | cps |
| Strontium | 86-1 | 18285 | 18465 | 18235 | 18328 | 0.66 | cps |
| Strontium | 88-1 | 156930 | 156354 | 154987 | 156090 | 0.64 | cps |
| Sulfur | 34-1 | 184884 | 186119 | 184267 | 185090 | 0.51 | cps |
| Terbium | 159-1 | 16475296 | 16052533 | 16277631 | 16268487 | 1.30 | cps |
| Terbium | 159-2 | 11462044 | 11455059 | 11364610 | 11427238 | 0.48 | cps |
| Thallium | 203-1 | 1147 | 1237 | 1220 | 1201 | 3.99 | cps |
| Thallium | 205-1 | 2644 | 2860 | 2854 | 2786 | 4.42 | cps |
| Tin | 118-1 | 97198 | 98494 | 97490 | 97727 | 0.70 | cps |
| Titanium | 47-1 | 21582 | 21752 | 21752 | 21696 | 0.45 | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDL3X50 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-28 00:25:37 | DataFile Name : | 156SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3344 | 3247 | 3214 | 3268 | 2.07 | cps |
| Vanadium | 51-2 | 3867 | 3917 | 3741 | 3842 | 2.37 | cps |
| Yttrium | 89-1 | 20090763 | 19920245 | 19752612 | 19921207 | 0.85 | cps |
| Yttrium | 89-2 | 5623522 | 5627190 | 5570850 | 5607187 | 0.56 | cps |
| Zinc | 66-2 | 220064 | 218184 | 221129 | 219792 | 0.68 | cps |
| Zirconium | 90-1 | 8016 | 7922 | 8212 | 8050 | 1.84 | cps |
| Zirconium | 91-1 | 1827 | 1877 | 1747 | 1817 | 3.61 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:28:59 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 422371 | 414000 | 426580 | 420984 | 1.52 | cps |
| Antimony | 121-1 | 2672324 | 2742984 | 2720487 | 2711931 | 1.33 | cps |
| Arsenic | 75-2 | 382201 | 376012 | 379610 | 379274 | 0.82 | cps |
| Barium | 135-1 | 185369 | 189106 | 186262 | 186912 | 1.04 | cps |
| Barium | 137-1 | 323746 | 328247 | 324392 | 325461 | 0.75 | cps |
| Beryllium | 9-1 | 1640 | 1650 | 1633 | 1641 | 0.51 | cps |
| Bismuth | 209-1 | 9841724 | 9660909 | 9702367 | 9735000 | 0.97 | cps |
| Bismuth | 209-2 | 8417726 | 8384905 | 8324946 | 8375859 | 0.56 | cps |
| Bromine | 81-1 | 17611 | 17848 | 17567 | 17675 | 0.85 | cps |
| Bromine | 81-2 | 623 | 783 | 687 | 698 | 11.55 | cps |
| Cadmium | 108-1 | 2457 | 2644 | 2517 | 2539 | 3.75 | cps |
| Cadmium | 106-1 | 8299 | 8299 | 7829 | 8142 | 3.33 | cps |
| Cadmium | 111-1 | 35088 | 35742 | 35303 | 35377 | 0.94 | cps |
| Calcium | 43-1 | 153743 | 152352 | 153814 | 153303 | 0.54 | cps |
| Calcium | 44-1 | 2392280 | 2435938 | 2400804 | 2409674 | 0.96 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 82628 | 82725 | 82377 | 82577 | 0.22 | cps |
| Cobalt | 59-2 | 225766 | 227532 | 222991 | 225429 | 1.02 | cps |
| Copper | 63-2 | 1243460 | 1247630 | 1254131 | 1248407 | 0.43 | cps |
| Dysprosium | 156-1 | 2740 | 2710 | 2734 | 2728 | 0.58 | cps |
| Dysprosium | 156-2 | 2414 | 2470 | 2454 | 2446 | 1.19 | cps |
| Erbium | 164-1 | 2594 | 2704 | 2737 | 2678 | 2.80 | cps |
| Erbium | 164-2 | 2000 | 2000 | 1893 | 1965 | 3.14 | cps |
| Gadolinium | 160-1 | 2620 | 2657 | 2594 | 2624 | 1.21 | cps |
| Gadolinium | 160-2 | 2767 | 2700 | 2510 | 2659 | 5.01 | cps |
| Holmium | 165-1 | 16020659 | 15910685 | 15841276 | 15924207 | 0.57 | cps |
| Holmium | 165-2 | 11750891 | 11765741 | 11729254 | 11748629 | 0.16 | cps |
| Indium | 115-1 | 13421059 | 13425493 | 13225497 | 13357350 | 0.86 | cps |
| Indium | 115-2 | 5223519 | 5136194 | 5172057 | 5177256 | 0.85 | cps |
| Iron | 56-2 | 78030619 | 77975721 | 77854782 | 77953707 | 0.12 | cps |
| Iron | 57-2 | 1939497 | 1936538 | 1926027 | 1934021 | 0.37 | cps |
| Iron | 54-2 | 4325102 | 4282018 | 4275720 | 4294280 | 0.63 | cps |
| Krypton | 83-1 | 280 | 210 | 200 | 230 | 18.95 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:28:59 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3271197 | 3230484 | 3318886 | 3273522 | 1.35 | cps |
| Lead | 207-1 | 2872523 | 2857600 | 2850590 | 2860238 | 0.39 | cps |
| Lead | 208-1 | 13063534 | 13002907 | 13157265 | 13074569 | 0.59 | cps |
| Lithium | 6-1 | 1928991 | 1944055 | 1912063 | 1928370 | 0.83 | cps |
| Magnesium | 24-2 | 285701 | 285416 | 286821 | 285979 | 0.26 | cps |
| Manganese | 55-2 | 320008 | 316934 | 316201 | 317714 | 0.64 | cps |
| Molybdenum | 94-1 | 154906 | 154541 | 156095 | 155181 | 0.52 | cps |
| Molybdenum | 95-1 | 247815 | 251377 | 248838 | 249343 | 0.74 | cps |
| Molybdenum | 96-1 | 270492 | 271715 | 271684 | 271297 | 0.26 | cps |
| Molybdenum | 97-1 | 155285 | 154742 | 156245 | 155424 | 0.49 | cps |
| Molybdenum | 98-1 | 402553 | 402897 | 403456 | 402969 | 0.11 | cps |
| Neodymium | 150-1 | 4091 | 4207 | 4514 | 4271 | 5.12 | cps |
| Neodymium | 150-2 | 2507 | 2607 | 2624 | 2579 | 2.45 | cps |
| Nickel | 60-2 | 35759 | 35883 | 37102 | 36248 | 2.05 | cps |
| Phosphorus | 31-2 | 1610 | 1517 | 1493 | 1540 | 4.01 | cps |
| Potassium | 39-2 | 264429 | 262902 | 265849 | 264393 | 0.56 | cps |
| Rhodium | 103-1 | 12218390 | 12170949 | 12217706 | 12202348 | 0.22 | cps |
| Rhodium | 103-2 | 7551824 | 7453098 | 7475573 | 7493499 | 0.69 | cps |
| Scandium | 45-1 | 7260919 | 7185370 | 7151540 | 7199277 | 0.78 | cps |
| Scandium | 45-2 | 646252 | 636243 | 640157 | 640884 | 0.79 | cps |
| Selenium | 82-1 | 4516 | 4723 | 4543 | 4594 | 2.45 | cps |
| Selenium | 77-2 | 513 | 457 | 510 | 493 | 6.45 | cps |
| Selenium | 78-2 | 2040 | 1987 | 2214 | 2080 | 5.70 | cps |
| Silicon | 28-1 | 5360797 | 5416671 | 5609932 | 5462467 | 2.39 | cps |
| Silver | 107-1 | 23576 | 24354 | 23906 | 23945 | 1.63 | cps |
| Silver | 109-1 | 22501 | 22494 | 22361 | 22452 | 0.35 | cps |
| Sodium | 23-2 | 814603 | 807070 | 812450 | 811374 | 0.48 | cps |
| Strontium | 86-1 | 89902 | 89617 | 89701 | 89740 | 0.16 | cps |
| Strontium | 88-1 | 769175 | 776292 | 773654 | 773040 | 0.47 | cps |
| Sulfur | 34-1 | 200808 | 202807 | 202003 | 201873 | 0.50 | cps |
| Terbium | 159-1 | 16630056 | 16571209 | 16473550 | 16558272 | 0.48 | cps |
| Terbium | 159-2 | 11666056 | 11723833 | 11425279 | 11605056 | 1.36 | cps |
| Thallium | 203-1 | 212228 | 213520 | 214171 | 213306 | 0.46 | cps |
| Thallium | 205-1 | 500421 | 502462 | 510472 | 504452 | 1.05 | cps |
| Tin | 118-1 | 476117 | 480920 | 481841 | 479626 | 0.64 | cps |
| Titanium | 47-1 | 106381 | 108190 | 105615 | 106729 | 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 : | P5364-08DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:28:59 | DataFile Name : | 157SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 16497 | 16928 | 16377 | 16601 | 1.74 | cps |
| Vanadium | 51-2 | 64929 | 64336 | 64340 | 64535 | 0.53 | cps |
| Yttrium | 89-1 | 19990018 | 19979519 | 19591385 | 19853640 | 1.14 | cps |
| Yttrium | 89-2 | 5724822 | 5676258 | 5572773 | 5657951 | 1.37 | cps |
| Zinc | 66-2 | 1106685 | 1104642 | 1105581 | 1105636 | 0.09 | cps |
| Zirconium | 90-1 | 36358 | 36886 | 36555 | 36600 | 0.73 | cps |
| Zirconium | 91-1 | 8613 | 8536 | 8583 | 8577 | 0.45 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:32:09 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1663057 | 1714043 | 1704592 | 1693898 | 1.60 | cps |
| Antimony | 121-1 | 4699072 | 4962220 | 4881760 | 4847684 | 2.78 | cps |
| Arsenic | 75-2 | 366166 | 366930 | 367142 | 366746 | 0.14 | cps |
| Barium | 135-1 | 151576 | 160507 | 158767 | 156950 | 3.02 | cps |
| Barium | 137-1 | 267190 | 277708 | 277835 | 274244 | 2.23 | cps |
| Beryllium | 9-1 | 610 | 593 | 583 | 596 | 2.26 | cps |
| Bismuth | 209-1 | 10993981 | 10086224 | 9897271 | 10325825 | 5.68 | cps |
| Bismuth | 209-2 | 8329587 | 8454708 | 8416102 | 8400132 | 0.76 | cps |
| Bromine | 81-1 | 23686 | 25115 | 24644 | 24482 | 2.97 | cps |
| Bromine | 81-2 | 2154 | 2067 | 2194 | 2138 | 3.03 | cps |
| Cadmium | 108-1 | 350 | 350 | 360 | 353 | 1.63 | cps |
| Cadmium | 106-1 | 6071 | 5721 | 5354 | 5716 | 6.27 | cps |
| Cadmium | 111-1 | 3531 | 3400 | 3326 | 3419 | 3.04 | cps |
| Calcium | 43-1 | 100165 | 106725 | 105527 | 104139 | 3.35 | cps |
| Calcium | 44-1 | 1578392 | 1659801 | 1638267 | 1625487 | 2.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 115141 | 115864 | 114661 | 115222 | 0.53 | cps |
| Cobalt | 59-2 | 209035 | 207797 | 209951 | 208928 | 0.52 | cps |
| Copper | 63-2 | 1401795 | 1397728 | 1398146 | 1399223 | 0.16 | cps |
| Dysprosium | 156-1 | 11792 | 12739 | 12416 | 12316 | 3.91 | cps |
| Dysprosium | 156-2 | 10347 | 10707 | 10501 | 10518 | 1.72 | cps |
| Erbium | 164-1 | 11645 | 12599 | 12245 | 12163 | 3.97 | cps |
| Erbium | 164-2 | 8816 | 8846 | 9150 | 8937 | 2.06 | cps |
| Gadolinium | 160-1 | 12252 | 12843 | 12866 | 12654 | 2.75 | cps |
| Gadolinium | 160-2 | 10561 | 10160 | 10321 | 10347 | 1.95 | cps |
| Holmium | 165-1 | 18292454 | 16554271 | 16636261 | 17160995 | 5.71 | cps |
| Holmium | 165-2 | 11889879 | 11783717 | 11758020 | 11810539 | 0.59 | cps |
| Indium | 115-1 | 15370317 | 14027701 | 13797932 | 14398650 | 5.90 | cps |
| Indium | 115-2 | 5266680 | 5205231 | 5315534 | 5262481 | 1.05 | cps |
| Iron | 56-2 | 128628328 | 128664611 | 128518248 | 128603729 | 0.06 | cps |
| Iron | 57-2 | 3170228 | 3163788 | 3190009 | 3174675 | 0.43 | cps |
| Iron | 54-2 | 6986874 | 6930176 | 6977412 | 6964821 | 0.44 | cps |
| Krypton | 83-1 | 247 | 247 | 290 | 261 | 9.58 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:32:09 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4151522 | 4315124 | 4283206 | 4249950 | 2.04 | cps |
| Lead | 207-1 | 3633527 | 3793392 | 3757922 | 3728280 | 2.25 | cps |
| Lead | 208-1 | 16430880 | 17306214 | 17098640 | 16945245 | 2.70 | cps |
| Lithium | 6-1 | 2239033 | 1984843 | 1956826 | 2060234 | 7.55 | cps |
| Magnesium | 24-2 | 1926601 | 1905311 | 1912794 | 1914902 | 0.56 | cps |
| Manganese | 55-2 | 996855 | 995756 | 994015 | 995542 | 0.14 | cps |
| Molybdenum | 94-1 | 116372 | 121808 | 123014 | 120398 | 2.94 | cps |
| Molybdenum | 95-1 | 178820 | 186206 | 187441 | 184155 | 2.53 | cps |
| Molybdenum | 96-1 | 196139 | 206612 | 204799 | 202517 | 2.76 | cps |
| Molybdenum | 97-1 | 112590 | 118438 | 117840 | 116289 | 2.77 | cps |
| Molybdenum | 98-1 | 289381 | 303050 | 302754 | 298395 | 2.62 | cps |
| Neodymium | 150-1 | 17935 | 18209 | 18652 | 18265 | 1.98 | cps |
| Neodymium | 150-2 | 12035 | 11825 | 11508 | 11789 | 2.25 | cps |
| Nickel | 60-2 | 65593 | 64789 | 66088 | 65490 | 1.00 | cps |
| Phosphorus | 31-2 | 7272 | 7322 | 7122 | 7238 | 1.44 | cps |
| Potassium | 39-2 | 869281 | 875334 | 875115 | 873243 | 0.39 | cps |
| Rhodium | 103-1 | 14100091 | 12812411 | 12604626 | 13172376 | 6.15 | cps |
| Rhodium | 103-2 | 7593599 | 7607775 | 7597687 | 7599687 | 0.10 | cps |
| Scandium | 45-1 | 8377261 | 7419894 | 7343560 | 7713572 | 7.47 | cps |
| Scandium | 45-2 | 658200 | 658589 | 657616 | 658135 | 0.07 | cps |
| Selenium | 82-1 | 311 | 298 | 221 | 277 | 17.59 | cps |
| Selenium | 77-2 | 47 | 43 | 70 | 53 | 27.24 | cps |
| Selenium | 78-2 | 587 | 620 | 483 | 563 | 12.65 | cps |
| Silicon | 28-1 | 5624277 | 5455388 | 5532340 | 5537335 | 1.53 | cps |
| Silver | 107-1 | 13059 | 12759 | 12923 | 12914 | 1.16 | cps |
| Silver | 109-1 | 12432 | 12846 | 12465 | 12581 | 1.83 | cps |
| Sodium | 23-2 | 2817653 | 2866737 | 2821755 | 2835382 | 0.96 | cps |
| Strontium | 86-1 | 100873 | 105689 | 105229 | 103930 | 2.56 | cps |
| Strontium | 88-1 | 877036 | 925142 | 920261 | 907480 | 2.92 | cps |
| Sulfur | 34-1 | 207286 | 206624 | 206018 | 206643 | 0.31 | cps |
| Terbium | 159-1 | 18772963 | 17213833 | 16913683 | 17633493 | 5.66 | cps |
| Terbium | 159-2 | 11974468 | 11764974 | 11806414 | 11848619 | 0.94 | cps |
| Thallium | 203-1 | 4988 | 5184 | 5254 | 5142 | 2.69 | cps |
| Thallium | 205-1 | 12329 | 12469 | 12209 | 12336 | 1.06 | cps |
| Tin | 118-1 | 732065 | 769534 | 766325 | 755975 | 2.75 | cps |
| Titanium | 47-1 | 282545 | 295221 | 298057 | 291941 | 2.83 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:32:09 | DataFile Name : | 158SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 22997 | 24075 | 23404 | 23492 | 2.32 | cps |
| Vanadium | 51-2 | 99760 | 100595 | 99887 | 100081 | 0.45 | cps |
| Yttrium | 89-1 | 23388658 | 20704942 | 20777779 | 21623793 | 7.07 | cps |
| Yttrium | 89-2 | 5796290 | 5788954 | 5816814 | 5800686 | 0.25 | cps |
| Zinc | 66-2 | 1220324 | 1226525 | 1219859 | 1222236 | 0.30 | cps |
| Zirconium | 90-1 | 39650 | 41178 | 41563 | 40797 | 2.48 | cps |
| Zirconium | 91-1 | 9240 | 9627 | 9613 | 9493 | 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 : | P5364-09DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:35:19 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1142025 | 1130528 | 1127901 | 1133485 | 0.66 | cps |
| Antimony | 121-1 | 7248474 | 7292666 | 7270716 | 7270619 | 0.30 | cps |
| Arsenic | 75-2 | 1069722 | 1069044 | 1067446 | 1068737 | 0.11 | cps |
| Barium | 135-1 | 186015 | 187697 | 190307 | 188006 | 1.15 | cps |
| Barium | 137-1 | 326887 | 328780 | 326151 | 327273 | 0.41 | cps |
| Beryllium | 9-1 | 570 | 647 | 667 | 628 | 8.13 | cps |
| Bismuth | 209-1 | 9848342 | 9997689 | 9814668 | 9886900 | 0.99 | cps |
| Bismuth | 209-2 | 8498060 | 8472752 | 8344363 | 8438392 | 0.98 | cps |
| Bromine | 81-1 | 20631 | 21419 | 20805 | 20952 | 1.98 | cps |
| Bromine | 81-2 | 1347 | 1383 | 1540 | 1423 | 7.22 | cps |
| Cadmium | 108-1 | 1000 | 950 | 1023 | 991 | 3.78 | cps |
| Cadmium | 106-1 | 5898 | 6035 | 6021 | 5985 | 1.26 | cps |
| Cadmium | 111-1 | 9252 | 9497 | 9134 | 9295 | 1.99 | cps |
| Calcium | 43-1 | 306299 | 309676 | 307500 | 307825 | 0.56 | cps |
| Calcium | 44-1 | 4780724 | 4783750 | 4795718 | 4786731 | 0.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 181865 | 182368 | 180873 | 181702 | 0.42 | cps |
| Cobalt | 59-2 | 412167 | 414346 | 416304 | 414272 | 0.50 | cps |
| Copper | 63-2 | 3661828 | 3646686 | 3679792 | 3662769 | 0.45 | cps |
| Dysprosium | 156-1 | 7429 | 7465 | 7452 | 7449 | 0.25 | cps |
| Dysprosium | 156-2 | 6758 | 6658 | 6562 | 6659 | 1.48 | cps |
| Erbium | 164-1 | 7495 | 7589 | 7702 | 7595 | 1.36 | cps |
| Erbium | 164-2 | 5544 | 5611 | 5561 | 5572 | 0.62 | cps |
| Gadolinium | 160-1 | 7365 | 7812 | 7822 | 7667 | 3.40 | cps |
| Gadolinium | 160-2 | 6225 | 6291 | 6338 | 6285 | 0.91 | cps |
| Holmium | 165-1 | 16174002 | 16328813 | 16186736 | 16229850 | 0.53 | cps |
| Holmium | 165-2 | 11776339 | 11856690 | 11758039 | 11797023 | 0.44 | cps |
| Indium | 115-1 | 13978949 | 13837795 | 13721499 | 13846081 | 0.93 | cps |
| Indium | 115-2 | 5224458 | 5317702 | 5192743 | 5244968 | 1.24 | cps |
| Iron | 56-2 | 226380537 | 226955303 | 226509150 | 226614997 | 0.13 | cps |
| Iron | 57-2 | 5641287 | 5606202 | 5655731 | 5634407 | 0.45 | cps |
| Iron | 54-2 | 12388904 | 12420684 | 12218762 | 12342783 | 0.88 | cps |
| Krypton | 83-1 | 190 | 213 | 247 | 217 | 13.15 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:35:19 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9236949 | 9319188 | 9339785 | 9298641 | 0.59 | cps |
| Lead | 207-1 | 8045414 | 8096016 | 8201313 | 8114248 | 0.98 | cps |
| Lead | 208-1 | 36800521 | 36908631 | 37259185 | 36989446 | 0.65 | cps |
| Lithium | 6-1 | 1920881 | 1929709 | 1932163 | 1927584 | 0.31 | cps |
| Magnesium | 24-2 | 754657 | 753073 | 754218 | 753983 | 0.11 | cps |
| Manganese | 55-2 | 748902 | 752586 | 747231 | 749573 | 0.37 | cps |
| Molybdenum | 94-1 | 434703 | 439460 | 434685 | 436283 | 0.63 | cps |
| Molybdenum | 95-1 | 710961 | 716149 | 715369 | 714160 | 0.39 | cps |
| Molybdenum | 96-1 | 772974 | 778218 | 777174 | 776122 | 0.36 | cps |
| Molybdenum | 97-1 | 446770 | 454124 | 445162 | 448685 | 1.06 | cps |
| Molybdenum | 98-1 | 1148818 | 1166831 | 1151511 | 1155720 | 0.84 | cps |
| Neodymium | 150-1 | 11515 | 11932 | 11982 | 11809 | 2.17 | cps |
| Neodymium | 150-2 | 7485 | 7332 | 7175 | 7331 | 2.12 | cps |
| Nickel | 60-2 | 40504 | 41390 | 40772 | 40889 | 1.11 | cps |
| Phosphorus | 31-2 | 2984 | 2860 | 2887 | 2910 | 2.23 | cps |
| Potassium | 39-2 | 641169 | 639275 | 638638 | 639694 | 0.21 | cps |
| Rhodium | 103-1 | 12247831 | 12500163 | 12299817 | 12349270 | 1.08 | cps |
| Rhodium | 103-2 | 7456537 | 7549859 | 7491943 | 7499446 | 0.63 | cps |
| Scandium | 45-1 | 7287742 | 7192966 | 7208549 | 7229752 | 0.70 | cps |
| Scandium | 45-2 | 640530 | 635982 | 638226 | 638246 | 0.36 | cps |
| Selenium | 82-1 | 360 | 390 | 374 | 374 | 3.99 | cps |
| Selenium | 77-2 | 37 | 67 | 40 | 48 | 34.42 | cps |
| Selenium | 78-2 | 630 | 620 | 503 | 584 | 12.05 | cps |
| Silicon | 28-1 | 17005459 | 16693957 | 16785121 | 16828179 | 0.95 | cps |
| Silver | 107-1 | 23195 | 23779 | 23933 | 23636 | 1.65 | cps |
| Silver | 109-1 | 22120 | 22584 | 22721 | 22475 | 1.40 | cps |
| Sodium | 23-2 | 2296396 | 2256689 | 2271194 | 2274760 | 0.88 | cps |
| Strontium | 86-1 | 270098 | 271755 | 270519 | 270791 | 0.32 | cps |
| Strontium | 88-1 | 2386495 | 2417932 | 2428869 | 2411099 | 0.91 | cps |
| Sulfur | 34-1 | 224759 | 226389 | 226023 | 225724 | 0.38 | cps |
| Terbium | 159-1 | 16449628 | 16540997 | 16483446 | 16491357 | 0.28 | cps |
| Terbium | 159-2 | 11758739 | 11577391 | 11754627 | 11696919 | 0.89 | cps |
| Thallium | 203-1 | 12923 | 13136 | 13187 | 13082 | 1.07 | cps |
| Thallium | 205-1 | 31075 | 31263 | 31293 | 31210 | 0.38 | cps |
| Tin | 118-1 | 1394402 | 1406609 | 1403375 | 1401462 | 0.45 | cps |
| Titanium | 47-1 | 309080 | 313528 | 313335 | 311981 | 0.81 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:35:19 | DataFile Name : | 159SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 64730 | 65922 | 66043 | 65565 | 1.11 | cps |
| Vanadium | 51-2 | 54695 | 54745 | 54789 | 54743 | 0.09 | cps |
| Yttrium | 89-1 | 20161416 | 20093666 | 20240253 | 20165112 | 0.36 | cps |
| Yttrium | 89-2 | 5634998 | 5682274 | 5674922 | 5664065 | 0.45 | cps |
| Zinc | 66-2 | 3291435 | 3254618 | 3305508 | 3283854 | 0.80 | cps |
| Zirconium | 90-1 | 73308 | 75010 | 74142 | 74154 | 1.15 | cps |
| Zirconium | 91-1 | 17604 | 18141 | 18108 | 17951 | 1.68 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09DL2X20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-12-28 00:38:26 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 289322 | 287660 | 287629 | 288204 | 0.34 | cps |
| Antimony | 121-1 | 1894769 | 1872366 | 1874395 | 1880510 | 0.66 | cps |
| Arsenic | 75-2 | 272486 | 272041 | 270130 | 271552 | 0.46 | cps |
| Barium | 135-1 | 47944 | 46305 | 47492 | 47247 | 1.79 | cps |
| Barium | 137-1 | 81988 | 83081 | 82923 | 82664 | 0.71 | cps |
| Beryllium | 9-1 | 147 | 157 | 193 | 166 | 14.84 | cps |
| Bismuth | 209-1 | 9863556 | 9768695 | 9884222 | 9838824 | 0.63 | cps |
| Bismuth | 209-2 | 7900339 | 8221822 | 8260324 | 8127495 | 2.43 | cps |
| Bromine | 81-1 | 17173 | 17080 | 17197 | 17150 | 0.36 | cps |
| Bromine | 81-2 | 547 | 383 | 413 | 448 | 19.42 | cps |
| Cadmium | 108-1 | 283 | 253 | 270 | 269 | 5.59 | cps |
| Cadmium | 106-1 | 5131 | 4918 | 4811 | 4953 | 3.29 | cps |
| Cadmium | 111-1 | 3077 | 3158 | 2884 | 3040 | 4.63 | cps |
| Calcium | 43-1 | 77590 | 78331 | 77946 | 77955 | 0.48 | cps |
| Calcium | 44-1 | 1210379 | 1218678 | 1225106 | 1218054 | 0.61 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 48006 | 47173 | 47588 | 47589 | 0.87 | cps |
| Cobalt | 59-2 | 105397 | 105336 | 105078 | 105270 | 0.16 | cps |
| Copper | 63-2 | 913924 | 910135 | 911293 | 911784 | 0.21 | cps |
| Dysprosium | 156-1 | 1657 | 1937 | 1823 | 1806 | 7.80 | cps |
| Dysprosium | 156-2 | 1647 | 1680 | 1767 | 1698 | 3.65 | cps |
| Erbium | 164-1 | 1990 | 1917 | 2020 | 1976 | 2.69 | cps |
| Erbium | 164-2 | 1397 | 1590 | 1473 | 1487 | 6.55 | cps |
| Gadolinium | 160-1 | 1857 | 2007 | 1910 | 1925 | 3.95 | cps |
| Gadolinium | 160-2 | 1960 | 1947 | 2110 | 2006 | 4.52 | cps |
| Holmium | 165-1 | 16301400 | 15920140 | 16109321 | 16110287 | 1.18 | cps |
| Holmium | 165-2 | 11078310 | 11527376 | 11505245 | 11370310 | 2.23 | cps |
| Indium | 115-1 | 13492288 | 13179251 | 13276009 | 13315849 | 1.20 | cps |
| Indium | 115-2 | 4821041 | 5072995 | 5073161 | 4989066 | 2.92 | cps |
| Iron | 56-2 | 57546159 | 57146031 | 57755397 | 57482529 | 0.54 | cps |
| Iron | 57-2 | 1425177 | 1430403 | 1412894 | 1422825 | 0.63 | cps |
| Iron | 54-2 | 3146703 | 3134958 | 3152803 | 3144821 | 0.29 | cps |
| Krypton | 83-1 | 167 | 207 | 207 | 193 | 11.94 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09DL2X20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-12-28 00:38:26 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2334904 | 2343969 | 2364313 | 2347729 | 0.64 | cps |
| Lead | 207-1 | 2036739 | 2049770 | 2056888 | 2047799 | 0.50 | cps |
| Lead | 208-1 | 9366642 | 9381781 | 9432660 | 9393694 | 0.37 | cps |
| Lithium | 6-1 | 1929581 | 1901017 | 1978115 | 1936238 | 2.01 | cps |
| Magnesium | 24-2 | 193254 | 192272 | 190476 | 192001 | 0.73 | cps |
| Manganese | 55-2 | 189867 | 190620 | 188345 | 189611 | 0.61 | cps |
| Molybdenum | 94-1 | 108276 | 109525 | 111171 | 109657 | 1.32 | cps |
| Molybdenum | 95-1 | 179479 | 181945 | 180792 | 180739 | 0.68 | cps |
| Molybdenum | 96-1 | 194046 | 196555 | 195481 | 195361 | 0.64 | cps |
| Molybdenum | 97-1 | 111951 | 112451 | 113956 | 112786 | 0.93 | cps |
| Molybdenum | 98-1 | 290966 | 291388 | 288907 | 290420 | 0.46 | cps |
| Neodymium | 150-1 | 2964 | 3147 | 2857 | 2989 | 4.91 | cps |
| Neodymium | 150-2 | 1900 | 1837 | 1973 | 1903 | 3.59 | cps |
| Nickel | 60-2 | 10924 | 10744 | 10967 | 10878 | 1.09 | cps |
| Phosphorus | 31-2 | 940 | 893 | 850 | 894 | 5.03 | cps |
| Potassium | 39-2 | 204561 | 204967 | 203491 | 204340 | 0.37 | cps |
| Rhodium | 103-1 | 12427404 | 12223303 | 12318274 | 12322994 | 0.83 | cps |
| Rhodium | 103-2 | 7130376 | 7415885 | 7470293 | 7338851 | 2.49 | cps |
| Scandium | 45-1 | 7198263 | 7086151 | 7174341 | 7152918 | 0.83 | cps |
| Scandium | 45-2 | 600612 | 630396 | 629731 | 620247 | 2.74 | cps |
| Selenium | 82-1 | 262 | 267 | 200 | 243 | 15.34 | cps |
| Selenium | 77-2 | 3 | 13 | 3 | 7 | 86.65 | cps |
| Selenium | 78-2 | 453 | 440 | 490 | 461 | 5.61 | cps |
| Silicon | 28-1 | 4770376 | 4801333 | 4840129 | 4803946 | 0.73 | cps |
| Silver | 107-1 | 5791 | 6331 | 6138 | 6087 | 4.50 | cps |
| Silver | 109-1 | 5758 | 5638 | 5888 | 5761 | 2.17 | cps |
| Sodium | 23-2 | 565508 | 563182 | 564479 | 564390 | 0.21 | cps |
| Strontium | 86-1 | 69804 | 68930 | 68163 | 68966 | 1.19 | cps |
| Strontium | 88-1 | 596308 | 592123 | 594350 | 594260 | 0.35 | cps |
| Sulfur | 34-1 | 188878 | 189827 | 190345 | 189683 | 0.39 | cps |
| Terbium | 159-1 | 16383477 | 16509546 | 16513094 | 16468706 | 0.45 | cps |
| Terbium | 159-2 | 10998552 | 11467752 | 11493814 | 11320040 | 2.46 | cps |
| Thallium | 203-1 | 3424 | 3500 | 3540 | 3488 | 1.70 | cps |
| Thallium | 205-1 | 8136 | 8369 | 7982 | 8163 | 2.39 | cps |
| Tin | 118-1 | 354825 | 358706 | 352926 | 355486 | 0.83 | cps |
| Titanium | 47-1 | 78730 | 79293 | 78623 | 78882 | 0.46 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09DL2X20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 20 |
| Date & Time Acquired : | 2024-12-28 00:38:26 | DataFile Name : | 160SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 16500 | 16954 | 16824 | 16760 | 1.39 | cps |
| Vanadium | 51-2 | 13926 | 13896 | 13977 | 13933 | 0.29 | cps |
| Yttrium | 89-1 | 20231972 | 19813353 | 20082254 | 20042526 | 1.06 | cps |
| Yttrium | 89-2 | 5385985 | 5527046 | 5542093 | 5485042 | 1.57 | cps |
| Zinc | 66-2 | 818935 | 821368 | 812535 | 817612 | 0.56 | cps |
| Zirconium | 90-1 | 18265 | 18792 | 19303 | 18787 | 2.76 | cps |
| Zirconium | 91-1 | 4407 | 4391 | 4754 | 4517 | 4.54 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:41:40 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2791431 | 2700150 | 2741957 | 2744513 | 1.66 | cps |
| Antimony | 121-1 | 14955719 | 15281402 | 15312424 | 15183182 | 1.30 | cps |
| Arsenic | 75-2 | 1721172 | 1701643 | 1722339 | 1715051 | 0.68 | cps |
| Barium | 135-1 | 1021370 | 1036147 | 1030748 | 1029422 | 0.73 | cps |
| Barium | 137-1 | 1828016 | 1867050 | 1853941 | 1849669 | 1.07 | cps |
| Beryllium | 9-1 | 937 | 1083 | 1020 | 1013 | 7.26 | cps |
| Bismuth | 209-1 | 10624193 | 10071947 | 9985035 | 10227058 | 3.39 | cps |
| Bismuth | 209-2 | 8405738 | 8433896 | 8466238 | 8435291 | 0.36 | cps |
| Bromine | 81-1 | 28501 | 30258 | 30461 | 29740 | 3.62 | cps |
| Bromine | 81-2 | 3330 | 3447 | 3330 | 3369 | 2.00 | cps |
| Cadmium | 108-1 | 1493 | 1490 | 1540 | 1508 | 1.85 | cps |
| Cadmium | 106-1 | 7739 | 7232 | 6905 | 7292 | 5.76 | cps |
| Cadmium | 111-1 | 10800 | 11050 | 10444 | 10765 | 2.83 | cps |
| Calcium | 43-1 | 1209509 | 1199231 | 1220577 | 1209772 | 0.88 | cps |
| Calcium | 44-1 | 19132758 | 19317574 | 19242443 | 19230925 | 0.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 125322 | 126303 | 126091 | 125905 | 0.41 | cps |
| Cobalt | 59-2 | 573023 | 569552 | 570473 | 571016 | 0.31 | cps |
| Copper | 63-2 | 6830173 | 6935414 | 6877305 | 6880964 | 0.77 | cps |
| Dysprosium | 156-1 | 13343 | 12846 | 13166 | 13118 | 1.92 | cps |
| Dysprosium | 156-2 | 11328 | 11348 | 11261 | 11312 | 0.40 | cps |
| Erbium | 164-1 | 14297 | 14641 | 14428 | 14455 | 1.20 | cps |
| Erbium | 164-2 | 10404 | 10574 | 10371 | 10450 | 1.04 | cps |
| Gadolinium | 160-1 | 13383 | 13590 | 13406 | 13460 | 0.84 | cps |
| Gadolinium | 160-2 | 10834 | 11391 | 10934 | 11053 | 2.69 | cps |
| Holmium | 165-1 | 17500043 | 16342900 | 16316803 | 16719916 | 4.04 | cps |
| Holmium | 165-2 | 11817973 | 11771707 | 11728739 | 11772807 | 0.38 | cps |
| Indium | 115-1 | 16249844 | 15436309 | 15547961 | 15744705 | 2.80 | cps |
| Indium | 115-2 | 5883869 | 5795786 | 5894712 | 5858123 | 0.93 | cps |
| Iron | 56-2 | 356180328 | 357237901 | 357555195 | 356991141 | 0.20 | cps |
| Iron | 57-2 | 8816068 | 8712733 | 8757354 | 8762052 | 0.59 | cps |
| Iron | 54-2 | 19451616 | 19337138 | 19406843 | 19398532 | 0.30 | cps |
| Krypton | 83-1 | 273 | 223 | 247 | 248 | 10.10 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:41:40 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22290421 | 22722009 | 22865516 | 22625982 | 1.32 | cps |
| Lead | 207-1 | 19858258 | 20141533 | 20148102 | 20049298 | 0.83 | cps |
| Lead | 208-1 | 89905239 | 91720886 | 91443363 | 91023163 | 1.07 | cps |
| Lithium | 6-1 | 2100233 | 1999007 | 1948652 | 2015964 | 3.83 | cps |
| Magnesium | 24-2 | 2216205 | 2199119 | 2204675 | 2206666 | 0.39 | cps |
| Manganese | 55-2 | 2876834 | 2884448 | 2895545 | 2885609 | 0.33 | cps |
| Molybdenum | 94-1 | 271362 | 277887 | 277982 | 275744 | 1.38 | cps |
| Molybdenum | 95-1 | 363922 | 370473 | 370106 | 368167 | 1.00 | cps |
| Molybdenum | 96-1 | 404428 | 414292 | 414440 | 411053 | 1.40 | cps |
| Molybdenum | 97-1 | 226738 | 233233 | 232182 | 230718 | 1.51 | cps |
| Molybdenum | 98-1 | 589728 | 598761 | 603730 | 597406 | 1.19 | cps |
| Neodymium | 150-1 | 19360 | 19497 | 19644 | 19500 | 0.73 | cps |
| Neodymium | 150-2 | 12379 | 12082 | 12035 | 12165 | 1.53 | cps |
| Nickel | 60-2 | 83055 | 82784 | 83360 | 83066 | 0.35 | cps |
| Phosphorus | 31-2 | 8549 | 8442 | 8786 | 8592 | 2.05 | cps |
| Potassium | 39-2 | 1454699 | 1439038 | 1446177 | 1446638 | 0.54 | cps |
| Rhodium | 103-1 | 13075095 | 12424421 | 12374716 | 12624744 | 3.10 | cps |
| Rhodium | 103-2 | 7457660 | 7371532 | 7445361 | 7424851 | 0.63 | cps |
| Scandium | 45-1 | 7907792 | 7385756 | 7285949 | 7526499 | 4.44 | cps |
| Scandium | 45-2 | 646172 | 641505 | 641414 | 643030 | 0.42 | cps |
| Selenium | 82-1 | 539 | 651 | 599 | 596 | 9.40 | cps |
| Selenium | 77-2 | 67 | 80 | 60 | 69 | 14.78 | cps |
| Selenium | 78-2 | 650 | 610 | 633 | 631 | 3.18 | cps |
| Silicon | 28-1 | 12982088 | 13587667 | 13223757 | 13264504 | 2.30 | cps |
| Silver | 107-1 | 52675 | 54120 | 54003 | 53600 | 1.50 | cps |
| Silver | 109-1 | 51364 | 51642 | 51498 | 51501 | 0.27 | cps |
| Sodium | 23-2 | 6132289 | 6025122 | 6057430 | 6071614 | 0.91 | cps |
| Strontium | 86-1 | 873359 | 885952 | 895538 | 884950 | 1.26 | cps |
| Strontium | 88-1 | 7765701 | 7916542 | 7950041 | 7877428 | 1.25 | cps |
| Sulfur | 34-1 | 266878 | 269467 | 271149 | 269165 | 0.80 | cps |
| Terbium | 159-1 | 17826038 | 16775897 | 16570421 | 17057452 | 3.95 | cps |
| Terbium | 159-2 | 11704736 | 11569655 | 11508311 | 11594234 | 0.87 | cps |
| Thallium | 203-1 | 7939 | 8333 | 8089 | 8120 | 2.45 | cps |
| Thallium | 205-1 | 19598 | 19571 | 19644 | 19604 | 0.19 | cps |
| Tin | 118-1 | 4104811 | 4221785 | 4218937 | 4181844 | 1.60 | cps |
| Titanium | 47-1 | 495750 | 506520 | 503950 | 502073 | 1.12 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:41:40 | DataFile Name : | 161SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 72828 | 75211 | 76257 | 74766 | 2.35 | cps |
| Vanadium | 51-2 | 119720 | 119942 | 119747 | 119803 | 0.10 | cps |
| Yttrium | 89-1 | 21828932 | 20714185 | 20578781 | 21040633 | 3.26 | cps |
| Yttrium | 89-2 | 5787992 | 5688843 | 5762904 | 5746580 | 0.90 | cps |
| Zinc | 66-2 | 7694076 | 7800878 | 7828680 | 7774545 | 0.91 | cps |
| Zirconium | 90-1 | 179424 | 184252 | 183565 | 182414 | 1.43 | cps |
| Zirconium | 91-1 | 42097 | 43066 | 43234 | 42799 | 1.43 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:44:41 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1075929 | 1079817 | 1076630 | 1077459 | 0.19 | cps |
| Antimony | 121-1 | 6182365 | 6242004 | 6233442 | 6219270 | 0.52 | cps |
| Arsenic | 75-2 | 689681 | 692780 | 692728 | 691729 | 0.26 | cps |
| Barium | 135-1 | 416647 | 420096 | 419776 | 418840 | 0.46 | cps |
| Barium | 137-1 | 723225 | 721643 | 724806 | 723225 | 0.22 | cps |
| Beryllium | 9-1 | 390 | 433 | 513 | 446 | 14.04 | cps |
| Bismuth | 209-1 | 9810215 | 9782098 | 9918978 | 9837097 | 0.73 | cps |
| Bismuth | 209-2 | 8341033 | 8347402 | 8499371 | 8395935 | 1.07 | cps |
| Bromine | 81-1 | 21606 | 21870 | 21706 | 21727 | 0.61 | cps |
| Bromine | 81-2 | 1380 | 1397 | 1563 | 1447 | 7.01 | cps |
| Cadmium | 108-1 | 623 | 593 | 637 | 618 | 3.59 | cps |
| Cadmium | 106-1 | 6118 | 5775 | 5761 | 5885 | 3.44 | cps |
| Cadmium | 111-1 | 4945 | 4987 | 4827 | 4919 | 1.69 | cps |
| Calcium | 43-1 | 499011 | 503783 | 499059 | 500617 | 0.55 | cps |
| Calcium | 44-1 | 7883269 | 7844649 | 7914067 | 7880662 | 0.44 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 53230 | 53367 | 52514 | 53037 | 0.86 | cps |
| Cobalt | 59-2 | 229555 | 231106 | 232777 | 231146 | 0.70 | cps |
| Copper | 63-2 | 2814080 | 2826905 | 2854766 | 2831917 | 0.73 | cps |
| Dysprosium | 156-1 | 5574 | 5488 | 5328 | 5463 | 2.29 | cps |
| Dysprosium | 156-2 | 4547 | 4667 | 4687 | 4634 | 1.63 | cps |
| Erbium | 164-1 | 5851 | 5985 | 6111 | 5982 | 2.17 | cps |
| Erbium | 164-2 | 4477 | 4407 | 4277 | 4387 | 2.31 | cps |
| Gadolinium | 160-1 | 5688 | 5675 | 5621 | 5661 | 0.62 | cps |
| Gadolinium | 160-2 | 4824 | 4824 | 5044 | 4898 | 2.59 | cps |
| Holmium | 165-1 | 16044412 | 16179359 | 16145408 | 16123060 | 0.44 | cps |
| Holmium | 165-2 | 11740826 | 11572213 | 11835949 | 11716329 | 1.14 | cps |
| Indium | 115-1 | 14276735 | 14120304 | 13977187 | 14124742 | 1.06 | cps |
| Indium | 115-2 | 5247322 | 5368488 | 5288675 | 5301495 | 1.16 | cps |
| Iron | 56-2 | 144334288 | 145304885 | 145138568 | 144925913 | 0.36 | cps |
| Iron | 57-2 | 3583418 | 3574585 | 3589873 | 3582626 | 0.21 | cps |
| Iron | 54-2 | 7888412 | 7924482 | 7823407 | 7878767 | 0.65 | cps |
| Krypton | 83-1 | 187 | 200 | 200 | 196 | 3.94 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:44:41 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9344214 | 9334605 | 9363473 | 9347430 | 0.16 | cps |
| Lead | 207-1 | 8253111 | 8264025 | 8257099 | 8258078 | 0.07 | cps |
| Lead | 208-1 | 37564263 | 37417799 | 37406110 | 37462724 | 0.24 | cps |
| Lithium | 6-1 | 1931209 | 1878486 | 1955830 | 1921842 | 2.06 | cps |
| Magnesium | 24-2 | 844483 | 847258 | 846503 | 846081 | 0.17 | cps |
| Manganese | 55-2 | 1134135 | 1146156 | 1138100 | 1139464 | 0.54 | cps |
| Molybdenum | 94-1 | 112249 | 114191 | 112763 | 113068 | 0.89 | cps |
| Molybdenum | 95-1 | 149346 | 152239 | 151363 | 150982 | 0.98 | cps |
| Molybdenum | 96-1 | 166836 | 167379 | 169887 | 168034 | 0.97 | cps |
| Molybdenum | 97-1 | 95258 | 95284 | 95674 | 95405 | 0.24 | cps |
| Molybdenum | 98-1 | 244073 | 241360 | 241237 | 242223 | 0.66 | cps |
| Neodymium | 150-1 | 8109 | 7949 | 7729 | 7929 | 2.41 | cps |
| Neodymium | 150-2 | 4708 | 4914 | 5144 | 4922 | 4.44 | cps |
| Nickel | 60-2 | 34316 | 34516 | 34302 | 34378 | 0.35 | cps |
| Phosphorus | 31-2 | 3284 | 3567 | 3460 | 3437 | 4.16 | cps |
| Potassium | 39-2 | 624120 | 628227 | 630157 | 627501 | 0.49 | cps |
| Rhodium | 103-1 | 12266148 | 12305922 | 12223917 | 12265329 | 0.33 | cps |
| Rhodium | 103-2 | 7373356 | 7445536 | 7377655 | 7398849 | 0.55 | cps |
| Scandium | 45-1 | 7199034 | 7239226 | 7241832 | 7226697 | 0.33 | cps |
| Scandium | 45-2 | 636390 | 635037 | 637972 | 636466 | 0.23 | cps |
| Selenium | 82-1 | 400 | 349 | 356 | 368 | 7.56 | cps |
| Selenium | 77-2 | 27 | 33 | 40 | 33 | 20.00 | cps |
| Selenium | 78-2 | 513 | 553 | 560 | 542 | 4.65 | cps |
| Silicon | 28-1 | 5765623 | 6212019 | 6512975 | 6163539 | 6.10 | cps |
| Silver | 107-1 | 21579 | 22678 | 22104 | 22120 | 2.48 | cps |
| Silver | 109-1 | 20611 | 21389 | 21092 | 21031 | 1.87 | cps |
| Sodium | 23-2 | 2491414 | 2473404 | 2492415 | 2485744 | 0.43 | cps |
| Strontium | 86-1 | 360837 | 365339 | 357828 | 361335 | 1.05 | cps |
| Strontium | 88-1 | 3243564 | 3259047 | 3254467 | 3252359 | 0.24 | cps |
| Sulfur | 34-1 | 223459 | 222250 | 220947 | 222219 | 0.57 | cps |
| Terbium | 159-1 | 16483371 | 16464236 | 16403136 | 16450248 | 0.25 | cps |
| Terbium | 159-2 | 11469367 | 11521286 | 11549000 | 11513217 | 0.35 | cps |
| Thallium | 203-1 | 3344 | 3377 | 3437 | 3386 | 1.40 | cps |
| Thallium | 205-1 | 8256 | 8016 | 7906 | 8059 | 2.22 | cps |
| Tin | 118-1 | 1697993 | 1745919 | 1730575 | 1724829 | 1.42 | cps |
| Titanium | 47-1 | 203956 | 205090 | 205408 | 204818 | 0.37 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:44:41 | DataFile Name : | 162SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30007 | 30685 | 30582 | 30425 | 1.20 | cps |
| Vanadium | 51-2 | 48407 | 49190 | 48788 | 48795 | 0.80 | cps |
| Yttrium | 89-1 | 20270754 | 20335571 | 20187369 | 20264565 | 0.37 | cps |
| Yttrium | 89-2 | 5619218 | 5645252 | 5649621 | 5638030 | 0.29 | cps |
| Zinc | 66-2 | 3188280 | 3210025 | 3263788 | 3220698 | 1.21 | cps |
| Zirconium | 90-1 | 73010 | 74521 | 72863 | 73465 | 1.25 | cps |
| Zirconium | 91-1 | 16793 | 17778 | 17414 | 17328 | 2.87 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:47:51 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 534966 | 539973 | 538652 | 537863 | 0.48 | cps |
| Antimony | 121-1 | 3013928 | 3120692 | 3080817 | 3071813 | 1.76 | cps |
| Arsenic | 75-2 | 340641 | 345134 | 343559 | 343111 | 0.66 | cps |
| Barium | 135-1 | 201713 | 208038 | 207375 | 205708 | 1.69 | cps |
| Barium | 137-1 | 351274 | 362918 | 360759 | 358317 | 1.73 | cps |
| Beryllium | 9-1 | 263 | 277 | 250 | 263 | 5.06 | cps |
| Bismuth | 209-1 | 9974276 | 9754105 | 9752378 | 9826920 | 1.30 | cps |
| Bismuth | 209-2 | 8261781 | 8267942 | 8453106 | 8327610 | 1.31 | cps |
| Bromine | 81-1 | 17911 | 18398 | 18358 | 18222 | 1.48 | cps |
| Bromine | 81-2 | 870 | 810 | 740 | 807 | 8.07 | cps |
| Cadmium | 108-1 | 287 | 317 | 260 | 288 | 9.85 | cps |
| Cadmium | 106-1 | 5461 | 5238 | 5084 | 5261 | 3.60 | cps |
| Cadmium | 111-1 | 3100 | 2847 | 2921 | 2956 | 4.39 | cps |
| Calcium | 43-1 | 240401 | 248276 | 250039 | 246239 | 2.08 | cps |
| Calcium | 44-1 | 3804136 | 3949402 | 3874797 | 3876112 | 1.87 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 27078 | 28287 | 27428 | 27597 | 2.25 | cps |
| Cobalt | 59-2 | 115218 | 115822 | 115285 | 115442 | 0.29 | cps |
| Copper | 63-2 | 1371748 | 1367015 | 1369588 | 1369450 | 0.17 | cps |
| Dysprosium | 156-1 | 2720 | 2674 | 2634 | 2676 | 1.62 | cps |
| Dysprosium | 156-2 | 2074 | 2317 | 2257 | 2216 | 5.72 | cps |
| Erbium | 164-1 | 2964 | 3064 | 2947 | 2991 | 2.11 | cps |
| Erbium | 164-2 | 2007 | 2220 | 2200 | 2142 | 5.50 | cps |
| Gadolinium | 160-1 | 2607 | 2734 | 2944 | 2761 | 6.16 | cps |
| Gadolinium | 160-2 | 2824 | 2550 | 2617 | 2664 | 5.35 | cps |
| Holmium | 165-1 | 16449348 | 16239293 | 15972106 | 16220249 | 1.47 | cps |
| Holmium | 165-2 | 11747383 | 11507894 | 11700889 | 11652055 | 1.09 | cps |
| Indium | 115-1 | 14145650 | 13588204 | 13680672 | 13804842 | 2.16 | cps |
| Indium | 115-2 | 5160016 | 5160649 | 5196801 | 5172489 | 0.41 | cps |
| Iron | 56-2 | 71958592 | 71801361 | 72486486 | 72082146 | 0.50 | cps |
| Iron | 57-2 | 1812911 | 1805847 | 1766173 | 1794977 | 1.40 | cps |
| Iron | 54-2 | 3916130 | 3912723 | 3920360 | 3916404 | 0.10 | cps |
| Krypton | 83-1 | 137 | 200 | 220 | 186 | 23.44 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:47:51 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4448897 | 4632804 | 4545948 | 4542550 | 2.03 | cps |
| Lead | 207-1 | 3859462 | 4154428 | 4035090 | 4016327 | 3.69 | cps |
| Lead | 208-1 | 17708284 | 18593113 | 18329495 | 18210297 | 2.49 | cps |
| Lithium | 6-1 | 2016589 | 1934595 | 1942491 | 1964558 | 2.30 | cps |
| Magnesium | 24-2 | 423741 | 421781 | 422263 | 422595 | 0.24 | cps |
| Manganese | 55-2 | 565952 | 567724 | 568883 | 567519 | 0.26 | cps |
| Molybdenum | 94-1 | 54417 | 55939 | 55802 | 55386 | 1.52 | cps |
| Molybdenum | 95-1 | 72773 | 75054 | 74783 | 74203 | 1.68 | cps |
| Molybdenum | 96-1 | 81328 | 82789 | 83299 | 82472 | 1.24 | cps |
| Molybdenum | 97-1 | 45206 | 46718 | 46624 | 46183 | 1.83 | cps |
| Molybdenum | 98-1 | 118443 | 120334 | 119541 | 119439 | 0.80 | cps |
| Neodymium | 150-1 | 3797 | 3974 | 4101 | 3957 | 3.85 | cps |
| Neodymium | 150-2 | 2480 | 2487 | 2464 | 2477 | 0.49 | cps |
| Nickel | 60-2 | 17510 | 17297 | 17634 | 17480 | 0.98 | cps |
| Phosphorus | 31-2 | 1643 | 1707 | 1957 | 1769 | 9.37 | cps |
| Potassium | 39-2 | 340089 | 341573 | 339651 | 340437 | 0.30 | cps |
| Rhodium | 103-1 | 12568869 | 12392472 | 12441475 | 12467605 | 0.73 | cps |
| Rhodium | 103-2 | 7413955 | 7465187 | 7458993 | 7446045 | 0.38 | cps |
| Scandium | 45-1 | 7500727 | 7173963 | 7074716 | 7249802 | 3.07 | cps |
| Scandium | 45-2 | 633257 | 639262 | 637105 | 636541 | 0.48 | cps |
| Selenium | 82-1 | 317 | 283 | 215 | 272 | 19.09 | cps |
| Selenium | 77-2 | 17 | 13 | 10 | 13 | 25.01 | cps |
| Selenium | 78-2 | 463 | 517 | 513 | 498 | 6.00 | cps |
| Silicon | 28-1 | 3462747 | 3371849 | 3307842 | 3380813 | 2.30 | cps |
| Silver | 107-1 | 10924 | 11008 | 11244 | 11059 | 1.50 | cps |
| Silver | 109-1 | 10114 | 10244 | 10300 | 10219 | 0.94 | cps |
| Sodium | 23-2 | 1254952 | 1239415 | 1230949 | 1241772 | 0.98 | cps |
| Strontium | 86-1 | 173895 | 178042 | 180441 | 177459 | 1.87 | cps |
| Strontium | 88-1 | 1559448 | 1615377 | 1604363 | 1593062 | 1.86 | cps |
| Sulfur | 34-1 | 204144 | 206005 | 206323 | 205491 | 0.57 | cps |
| Terbium | 159-1 | 17159605 | 16765833 | 16511968 | 16812469 | 1.94 | cps |
| Terbium | 159-2 | 11510939 | 11401319 | 11499391 | 11470550 | 0.53 | cps |
| Thallium | 203-1 | 1723 | 1907 | 1713 | 1781 | 6.11 | cps |
| Thallium | 205-1 | 3974 | 4134 | 4177 | 4095 | 2.62 | cps |
| Tin | 118-1 | 798731 | 823379 | 818776 | 813629 | 1.61 | cps |
| Titanium | 47-1 | 98891 | 100514 | 101595 | 100333 | 1.36 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 00:47:51 | DataFile Name : | 163SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 14949 | 14948 | 15799 | 15232 | 3.23 | cps |
| Vanadium | 51-2 | 24416 | 24800 | 24069 | 24429 | 1.50 | cps |
| Yttrium | 89-1 | 20931735 | 20347308 | 20185560 | 20488201 | 1.92 | cps |
| Yttrium | 89-2 | 5596688 | 5584592 | 5637329 | 5606203 | 0.49 | cps |
| Zinc | 66-2 | 1586900 | 1576715 | 1578458 | 1580691 | 0.34 | cps |
| Zirconium | 90-1 | 35590 | 36946 | 35874 | 36137 | 1.98 | cps |
| Zirconium | 91-1 | 8529 | 8683 | 8793 | 8668 | 1.53 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:50:59 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2807759 | 2804750 | 2858227 | 2823579 | 1.06 | cps |
| Antimony | 121-1 | 8786014 | 8971562 | 8816398 | 8857991 | 1.12 | cps |
| Arsenic | 75-2 | 1011289 | 1002067 | 999583 | 1004313 | 0.61 | cps |
| Barium | 135-1 | 474641 | 484195 | 479611 | 479482 | 1.00 | cps |
| Barium | 137-1 | 830984 | 837375 | 839214 | 835858 | 0.52 | cps |
| Beryllium | 9-1 | 597 | 507 | 550 | 551 | 8.17 | cps |
| Bismuth | 209-1 | 10099293 | 9970509 | 9893234 | 9987679 | 1.04 | cps |
| Bismuth | 209-2 | 8443324 | 8518393 | 8449714 | 8470477 | 0.49 | cps |
| Bromine | 81-1 | 29673 | 30488 | 30879 | 30347 | 2.03 | cps |
| Bromine | 81-2 | 3440 | 3240 | 3724 | 3468 | 7.00 | cps |
| Cadmium | 108-1 | 937 | 1053 | 980 | 990 | 5.96 | cps |
| Cadmium | 106-1 | 6542 | 6161 | 6368 | 6357 | 2.99 | cps |
| Cadmium | 111-1 | 8446 | 8218 | 8682 | 8449 | 2.74 | cps |
| Calcium | 43-1 | 318274 | 321121 | 321931 | 320442 | 0.60 | cps |
| Calcium | 44-1 | 4936985 | 4973051 | 5021585 | 4977207 | 0.85 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 144108 | 141722 | 143347 | 143059 | 0.85 | cps |
| Cobalt | 59-2 | 553704 | 556495 | 555365 | 555188 | 0.25 | cps |
| Copper | 63-2 | 3277681 | 3279685 | 3279284 | 3278883 | 0.03 | cps |
| Dysprosium | 156-1 | 17741 | 17711 | 18205 | 17886 | 1.55 | cps |
| Dysprosium | 156-2 | 15031 | 14995 | 15198 | 15075 | 0.72 | cps |
| Erbium | 164-1 | 17404 | 18145 | 17995 | 17848 | 2.19 | cps |
| Erbium | 164-2 | 12669 | 12906 | 13053 | 12876 | 1.50 | cps |
| Gadolinium | 160-1 | 18158 | 18052 | 17251 | 17820 | 2.78 | cps |
| Gadolinium | 160-2 | 13994 | 14284 | 14117 | 14132 | 1.03 | cps |
| Holmium | 165-1 | 16468869 | 16410384 | 16161325 | 16346859 | 1.00 | cps |
| Holmium | 165-2 | 11936602 | 12032889 | 11836026 | 11935173 | 0.82 | cps |
| Indium | 115-1 | 14406762 | 14240263 | 14004000 | 14217008 | 1.42 | cps |
| Indium | 115-2 | 5391811 | 5364440 | 5353358 | 5369870 | 0.37 | cps |
| Iron | 56-2 | 262593109 | 260245563 | 260103869 | 260980847 | 0.54 | cps |
| Iron | 57-2 | 6427491 | 6384142 | 6355069 | 6388901 | 0.57 | cps |
| Iron | 54-2 | 14321746 | 14153232 | 14135509 | 14203496 | 0.72 | cps |
| Krypton | 83-1 | 147 | 260 | 273 | 227 | 30.71 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:50:59 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11375314 | 11523939 | 11390772 | 11430008 | 0.71 | cps |
| Lead | 207-1 | 10028927 | 10065110 | 9972679 | 10022239 | 0.46 | cps |
| Lead | 208-1 | 45341551 | 46060784 | 45622765 | 45675033 | 0.79 | cps |
| Lithium | 6-1 | 2041263 | 1990158 | 1988283 | 2006568 | 1.50 | cps |
| Magnesium | 24-2 | 2571928 | 2538628 | 2582898 | 2564485 | 0.90 | cps |
| Manganese | 55-2 | 2952362 | 2894957 | 2875131 | 2907483 | 1.38 | cps |
| Molybdenum | 94-1 | 102203 | 103113 | 103183 | 102833 | 0.53 | cps |
| Molybdenum | 95-1 | 126709 | 126662 | 127604 | 126992 | 0.42 | cps |
| Molybdenum | 96-1 | 145643 | 145963 | 145249 | 145618 | 0.25 | cps |
| Molybdenum | 97-1 | 78680 | 80268 | 80500 | 79816 | 1.24 | cps |
| Molybdenum | 98-1 | 204150 | 208101 | 207713 | 206655 | 1.05 | cps |
| Neodymium | 150-1 | 25587 | 26244 | 25790 | 25874 | 1.30 | cps |
| Neodymium | 150-2 | 16530 | 16433 | 16189 | 16384 | 1.07 | cps |
| Nickel | 60-2 | 76738 | 76125 | 76591 | 76485 | 0.42 | cps |
| Phosphorus | 31-2 | 8856 | 8853 | 9089 | 8933 | 1.52 | cps |
| Potassium | 39-2 | 1590861 | 1575434 | 1573090 | 1579795 | 0.61 | cps |
| Rhodium | 103-1 | 12551079 | 12376067 | 12328906 | 12418684 | 0.94 | cps |
| Rhodium | 103-2 | 7606477 | 7552824 | 7512418 | 7557240 | 0.62 | cps |
| Scandium | 45-1 | 7474591 | 7284813 | 7287616 | 7349007 | 1.48 | cps |
| Scandium | 45-2 | 658739 | 645862 | 649163 | 651254 | 1.03 | cps |
| Selenium | 82-1 | 531 | 415 | 434 | 460 | 13.50 | cps |
| Selenium | 77-2 | 60 | 63 | 80 | 68 | 15.81 | cps |
| Selenium | 78-2 | 587 | 643 | 697 | 642 | 8.57 | cps |
| Silicon | 28-1 | 17512675 | 17178016 | 17141539 | 17277410 | 1.18 | cps |
| Silver | 107-1 | 32196 | 32109 | 32022 | 32109 | 0.27 | cps |
| Silver | 109-1 | 30155 | 30622 | 30412 | 30396 | 0.77 | cps |
| Sodium | 23-2 | 5427113 | 5436576 | 5479982 | 5447890 | 0.52 | cps |
| Strontium | 86-1 | 266805 | 269437 | 267510 | 267917 | 0.51 | cps |
| Strontium | 88-1 | 2380389 | 2428819 | 2395671 | 2401626 | 1.03 | cps |
| Sulfur | 34-1 | 252035 | 250124 | 251460 | 251207 | 0.39 | cps |
| Terbium | 159-1 | 16904013 | 16878889 | 16504438 | 16762447 | 1.34 | cps |
| Terbium | 159-2 | 11681209 | 11670638 | 11705957 | 11685935 | 0.16 | cps |
| Thallium | 203-1 | 7012 | 7325 | 7459 | 7265 | 3.16 | cps |
| Thallium | 205-1 | 17111 | 17505 | 17288 | 17301 | 1.14 | cps |
| Tin | 118-1 | 1671874 | 1709587 | 1687615 | 1689692 | 1.12 | cps |
| Titanium | 47-1 | 471155 | 473360 | 481238 | 475251 | 1.12 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 00:50:59 | DataFile Name : | 164SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 59004 | 59603 | 60440 | 59682 | 1.21 | cps |
| Vanadium | 51-2 | 147802 | 145940 | 145406 | 146383 | 0.86 | cps |
| Yttrium | 89-1 | 20996274 | 20711104 | 20582497 | 20763292 | 1.02 | cps |
| Yttrium | 89-2 | 5798963 | 5821444 | 5751508 | 5790639 | 0.62 | cps |
| Zinc | 66-2 | 4657002 | 4552247 | 4612840 | 4607363 | 1.14 | cps |
| Zirconium | 90-1 | 82571 | 83227 | 84301 | 83366 | 1.05 | cps |
| Zirconium | 91-1 | 20020 | 19880 | 20201 | 20034 | 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 : | P5363-02DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:54:07 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1074053 | 1073652 | 1072177 | 1073294 | 0.09 | cps |
| Antimony | 121-1 | 3464975 | 3587933 | 3487107 | 3513338 | 1.87 | cps |
| Arsenic | 75-2 | 397318 | 394371 | 393197 | 394962 | 0.54 | cps |
| Barium | 135-1 | 189399 | 190335 | 189730 | 189822 | 0.25 | cps |
| Barium | 137-1 | 328134 | 333227 | 331467 | 330943 | 0.78 | cps |
| Beryllium | 9-1 | 210 | 243 | 260 | 238 | 10.71 | cps |
| Bismuth | 209-1 | 9827135 | 9845824 | 9804367 | 9825775 | 0.21 | cps |
| Bismuth | 209-2 | 8503908 | 8297911 | 8344426 | 8382081 | 1.29 | cps |
| Bromine | 81-1 | 20721 | 20975 | 21289 | 20995 | 1.35 | cps |
| Bromine | 81-2 | 1537 | 1450 | 1373 | 1453 | 5.62 | cps |
| Cadmium | 108-1 | 343 | 423 | 433 | 400 | 12.33 | cps |
| Cadmium | 106-1 | 5211 | 5181 | 4951 | 5114 | 2.78 | cps |
| Cadmium | 111-1 | 3972 | 4015 | 3865 | 3951 | 1.95 | cps |
| Calcium | 43-1 | 126667 | 126743 | 127651 | 127020 | 0.43 | cps |
| Calcium | 44-1 | 2006397 | 2011490 | 1991336 | 2003074 | 0.52 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 57680 | 56381 | 57349 | 57137 | 1.18 | cps |
| Cobalt | 59-2 | 217688 | 218304 | 218203 | 218065 | 0.15 | cps |
| Copper | 63-2 | 1252107 | 1254217 | 1251879 | 1252734 | 0.10 | cps |
| Dysprosium | 156-1 | 6852 | 7085 | 6872 | 6936 | 1.87 | cps |
| Dysprosium | 156-2 | 5908 | 6031 | 5791 | 5910 | 2.03 | cps |
| Erbium | 164-1 | 6625 | 7122 | 7079 | 6942 | 3.96 | cps |
| Erbium | 164-2 | 5258 | 5408 | 5271 | 5312 | 1.56 | cps |
| Gadolinium | 160-1 | 6622 | 7239 | 7235 | 7032 | 5.05 | cps |
| Gadolinium | 160-2 | 6061 | 5868 | 5811 | 5914 | 2.22 | cps |
| Holmium | 165-1 | 16252256 | 16332778 | 16039417 | 16208150 | 0.94 | cps |
| Holmium | 165-2 | 11745381 | 11626790 | 11814409 | 11728860 | 0.81 | cps |
| Indium | 115-1 | 13516972 | 13715266 | 13535079 | 13589106 | 0.81 | cps |
| Indium | 115-2 | 5179835 | 5131675 | 5114988 | 5142166 | 0.65 | cps |
| Iron | 56-2 | 101956402 | 101438825 | 102403262 | 101932830 | 0.47 | cps |
| Iron | 57-2 | 2571926 | 2504594 | 2501374 | 2525965 | 1.58 | cps |
| Iron | 54-2 | 5557659 | 5571746 | 5543830 | 5557745 | 0.25 | cps |
| Krypton | 83-1 | 210 | 213 | 177 | 200 | 10.14 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:54:07 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4492451 | 4535253 | 4583986 | 4537230 | 1.01 | cps |
| Lead | 207-1 | 4062290 | 3950298 | 4001299 | 4004629 | 1.40 | cps |
| Lead | 208-1 | 18219517 | 18061235 | 18177619 | 18152790 | 0.45 | cps |
| Lithium | 6-1 | 1891192 | 1940166 | 1949423 | 1926927 | 1.62 | cps |
| Magnesium | 24-2 | 951073 | 950635 | 951348 | 951019 | 0.04 | cps |
| Manganese | 55-2 | 1109993 | 1106330 | 1106130 | 1107484 | 0.20 | cps |
| Molybdenum | 94-1 | 39961 | 41034 | 40750 | 40582 | 1.37 | cps |
| Molybdenum | 95-1 | 49958 | 51099 | 50209 | 50422 | 1.19 | cps |
| Molybdenum | 96-1 | 57998 | 57121 | 57348 | 57489 | 0.79 | cps |
| Molybdenum | 97-1 | 31621 | 32065 | 32289 | 31992 | 1.06 | cps |
| Molybdenum | 98-1 | 82561 | 81589 | 81130 | 81760 | 0.89 | cps |
| Neodymium | 150-1 | 10217 | 10447 | 10227 | 10297 | 1.26 | cps |
| Neodymium | 150-2 | 6392 | 6358 | 6608 | 6453 | 2.10 | cps |
| Nickel | 60-2 | 30080 | 30044 | 30778 | 30301 | 1.37 | cps |
| Phosphorus | 31-2 | 3410 | 3624 | 3537 | 3524 | 3.05 | cps |
| Potassium | 39-2 | 659284 | 656196 | 657147 | 657542 | 0.24 | cps |
| Rhodium | 103-1 | 12322099 | 12281658 | 12227338 | 12277032 | 0.39 | cps |
| Rhodium | 103-2 | 7455660 | 7427325 | 7400744 | 7427910 | 0.37 | cps |
| Scandium | 45-1 | 7212459 | 7240081 | 7145388 | 7199309 | 0.68 | cps |
| Scandium | 45-2 | 633959 | 629912 | 632985 | 632285 | 0.33 | cps |
| Selenium | 82-1 | 239 | 259 | 263 | 254 | 5.00 | cps |
| Selenium | 77-2 | 17 | 3 | 33 | 18 | 84.55 | cps |
| Selenium | 78-2 | 520 | 543 | 457 | 507 | 8.85 | cps |
| Silicon | 28-1 | 6992714 | 7086238 | 7228077 | 7102343 | 1.67 | cps |
| Silver | 107-1 | 12439 | 12716 | 13266 | 12807 | 3.29 | cps |
| Silver | 109-1 | 12028 | 12345 | 12102 | 12159 | 1.36 | cps |
| Sodium | 23-2 | 2166896 | 2168410 | 2171170 | 2168826 | 0.10 | cps |
| Strontium | 86-1 | 105622 | 105145 | 106750 | 105839 | 0.78 | cps |
| Strontium | 88-1 | 914760 | 918028 | 930572 | 921120 | 0.91 | cps |
| Sulfur | 34-1 | 201979 | 199585 | 200717 | 200760 | 0.60 | cps |
| Terbium | 159-1 | 16615974 | 16516962 | 16298905 | 16477280 | 0.98 | cps |
| Terbium | 159-2 | 11613443 | 11670731 | 11722067 | 11668747 | 0.47 | cps |
| Thallium | 203-1 | 2927 | 3130 | 2807 | 2955 | 5.53 | cps |
| Thallium | 205-1 | 6908 | 6595 | 6952 | 6818 | 2.86 | cps |
| Tin | 118-1 | 651324 | 654843 | 651479 | 652548 | 0.30 | cps |
| Titanium | 47-1 | 186942 | 188096 | 185518 | 186852 | 0.69 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-02DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA2 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:54:07 | DataFile Name : | 165SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 23882 | 23591 | 24242 | 23905 | 1.36 | cps |
| Vanadium | 51-2 | 57596 | 56973 | 57820 | 57463 | 0.76 | cps |
| Yttrium | 89-1 | 19967195 | 19962679 | 20141496 | 20023790 | 0.51 | cps |
| Yttrium | 89-2 | 5634851 | 5557988 | 5692267 | 5628369 | 1.20 | cps |
| Zinc | 66-2 | 1845529 | 1811856 | 1815665 | 1824350 | 1.01 | cps |
| Zirconium | 90-1 | 31641 | 33057 | 32887 | 32528 | 2.38 | cps |
| Zirconium | 91-1 | 7886 | 7649 | 7952 | 7829 | 2.04 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:57:14 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 867954 | 867153 | 866772 | 867293 | 0.07 | cps |
| Antimony | 121-1 | 1829240 | 1823878 | 1829076 | 1827398 | 0.17 | cps |
| Arsenic | 75-2 | 248622 | 247429 | 247450 | 247833 | 0.28 | cps |
| Barium | 135-1 | 208217 | 210441 | 211799 | 210152 | 0.86 | cps |
| Barium | 137-1 | 360939 | 368572 | 371830 | 367113 | 1.52 | cps |
| Beryllium | 9-1 | 200 | 213 | 227 | 213 | 6.25 | cps |
| Bismuth | 209-1 | 10039688 | 9802639 | 9858915 | 9900414 | 1.25 | cps |
| Bismuth | 209-2 | 8406112 | 8280491 | 8304966 | 8330523 | 0.80 | cps |
| Bromine | 81-1 | 21065 | 21606 | 22137 | 21603 | 2.48 | cps |
| Bromine | 81-2 | 1573 | 1590 | 1490 | 1551 | 3.45 | cps |
| Cadmium | 108-1 | 300 | 310 | 257 | 289 | 9.81 | cps |
| Cadmium | 106-1 | 5284 | 4964 | 5174 | 5141 | 3.16 | cps |
| Cadmium | 111-1 | 2646 | 2628 | 2625 | 2633 | 0.43 | cps |
| Calcium | 43-1 | 295610 | 298747 | 298366 | 297574 | 0.58 | cps |
| Calcium | 44-1 | 4624207 | 4636513 | 4688424 | 4649715 | 0.73 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43737 | 43248 | 43302 | 43429 | 0.62 | cps |
| Cobalt | 59-2 | 258595 | 256967 | 257378 | 257647 | 0.33 | cps |
| Copper | 63-2 | 1085315 | 1091535 | 1086716 | 1087855 | 0.30 | cps |
| Dysprosium | 156-1 | 6928 | 7099 | 6952 | 6993 | 1.32 | cps |
| Dysprosium | 156-2 | 5751 | 6048 | 6121 | 5974 | 3.28 | cps |
| Erbium | 164-1 | 7025 | 6982 | 6785 | 6931 | 1.85 | cps |
| Erbium | 164-2 | 4994 | 5058 | 4958 | 5003 | 1.01 | cps |
| Gadolinium | 160-1 | 6832 | 7162 | 6908 | 6967 | 2.48 | cps |
| Gadolinium | 160-2 | 5868 | 5528 | 5988 | 5795 | 4.12 | cps |
| Holmium | 165-1 | 16291049 | 16136410 | 15926241 | 16117900 | 1.14 | cps |
| Holmium | 165-2 | 11766884 | 11596004 | 11558202 | 11640363 | 0.96 | cps |
| Indium | 115-1 | 13677954 | 13279843 | 13316713 | 13424836 | 1.64 | cps |
| Indium | 115-2 | 5080709 | 5068104 | 5031462 | 5060091 | 0.51 | cps |
| Iron | 56-2 | 102502972 | 102464082 | 102256262 | 102407772 | 0.13 | cps |
| Iron | 57-2 | 2596905 | 2518517 | 2534189 | 2549870 | 1.63 | cps |
| Iron | 54-2 | 5617826 | 5481381 | 5533683 | 5544297 | 1.24 | cps |
| Krypton | 83-1 | 233 | 203 | 263 | 233 | 12.86 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:57:14 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3216948 | 3251059 | 3254047 | 3240685 | 0.64 | cps |
| Lead | 207-1 | 2816233 | 2874034 | 2864224 | 2851497 | 1.08 | cps |
| Lead | 208-1 | 12827683 | 13014453 | 13060541 | 12967559 | 0.95 | cps |
| Lithium | 6-1 | 1998107 | 1943927 | 1953334 | 1965123 | 1.47 | cps |
| Magnesium | 24-2 | 824711 | 829304 | 821386 | 825133 | 0.48 | cps |
| Manganese | 55-2 | 676201 | 671467 | 663458 | 670375 | 0.96 | cps |
| Molybdenum | 94-1 | 36693 | 36646 | 36365 | 36568 | 0.48 | cps |
| Molybdenum | 95-1 | 29376 | 30442 | 29854 | 29891 | 1.79 | cps |
| Molybdenum | 96-1 | 35974 | 36602 | 36399 | 36325 | 0.88 | cps |
| Molybdenum | 97-1 | 18105 | 18348 | 18685 | 18379 | 1.59 | cps |
| Molybdenum | 98-1 | 46979 | 47978 | 48189 | 47715 | 1.36 | cps |
| Neodymium | 150-1 | 11014 | 10794 | 10691 | 10833 | 1.53 | cps |
| Neodymium | 150-2 | 6538 | 6485 | 6735 | 6586 | 2.00 | cps |
| Nickel | 60-2 | 17520 | 17450 | 17757 | 17576 | 0.92 | cps |
| Phosphorus | 31-2 | 5298 | 4934 | 5181 | 5138 | 3.61 | cps |
| Potassium | 39-2 | 621647 | 619208 | 615902 | 618919 | 0.47 | cps |
| Rhodium | 103-1 | 12438457 | 12260586 | 12282114 | 12327052 | 0.79 | cps |
| Rhodium | 103-2 | 7414254 | 7403674 | 7290824 | 7369584 | 0.93 | cps |
| Scandium | 45-1 | 7302962 | 7198837 | 7186716 | 7229505 | 0.88 | cps |
| Scandium | 45-2 | 636528 | 633916 | 631502 | 633982 | 0.40 | cps |
| Selenium | 82-1 | 277 | 246 | 194 | 239 | 17.59 | cps |
| Selenium | 77-2 | 30 | 17 | 23 | 23 | 28.56 | cps |
| Selenium | 78-2 | 573 | 540 | 483 | 532 | 8.55 | cps |
| Silicon | 28-1 | 4266973 | 4353711 | 4610486 | 4410390 | 4.05 | cps |
| Silver | 107-1 | 8763 | 8636 | 8766 | 8722 | 0.85 | cps |
| Silver | 109-1 | 8453 | 8339 | 8489 | 8427 | 0.93 | cps |
| Sodium | 23-2 | 1912086 | 1957080 | 1908106 | 1925757 | 1.41 | cps |
| Strontium | 86-1 | 323391 | 322603 | 320863 | 322285 | 0.40 | cps |
| Strontium | 88-1 | 2933427 | 2900330 | 2881307 | 2905022 | 0.91 | cps |
| Sulfur | 34-1 | 197989 | 202216 | 203239 | 201148 | 1.38 | cps |
| Terbium | 159-1 | 16763917 | 16456013 | 16507724 | 16575885 | 0.99 | cps |
| Terbium | 159-2 | 11709468 | 11457744 | 11528927 | 11565380 | 1.12 | cps |
| Thallium | 203-1 | 1780 | 1610 | 1783 | 1725 | 5.75 | cps |
| Thallium | 205-1 | 4157 | 4224 | 4241 | 4207 | 1.05 | cps |
| Tin | 118-1 | 416999 | 418286 | 421292 | 418859 | 0.53 | cps |
| Titanium | 47-1 | 200220 | 205424 | 204410 | 203351 | 1.36 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA3 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 00:57:14 | DataFile Name : | 166SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 15079 | 15075 | 15199 | 15118 | 0.47 | cps |
| Vanadium | 51-2 | 50377 | 50327 | 50939 | 50548 | 0.67 | cps |
| Yttrium | 89-1 | 20480528 | 20090177 | 19716421 | 20095709 | 1.90 | cps |
| Yttrium | 89-2 | 5655212 | 5574045 | 5556374 | 5595210 | 0.94 | cps |
| Zinc | 66-2 | 1559525 | 1525007 | 1492534 | 1525689 | 2.20 | cps |
| Zirconium | 90-1 | 53196 | 53624 | 54611 | 53810 | 1.35 | cps |
| Zirconium | 91-1 | 12509 | 12455 | 12435 | 12466 | 0.30 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:00:23 | DataFile Name : | 167CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12424586 | 12471636 | 12485840 | 12460688 | 0.26 | cps |
| Antimony | 121-1 | 5745363 | 5662352 | 5707874 | 5705196 | 0.73 | cps |
| Arsenic | 75-2 | 265928 | 269936 | 267859 | 267908 | 0.75 | cps |
| Barium | 135-1 | 7414681 | 7366315 | 7383432 | 7388142 | 0.33 | cps |
| Barium | 137-1 | 12927588 | 12777885 | 12698768 | 12801414 | 0.91 | cps |
| Beryllium | 9-1 | 685328 | 674419 | 670616 | 676787 | 1.13 | cps |
| Bismuth | 209-1 | 8831468 | 8656939 | 8757502 | 8748636 | 1.00 | cps |
| Bismuth | 209-2 | 7235458 | 7272254 | 7369633 | 7292448 | 0.95 | cps |
| Bromine | 81-1 | 13339 | 12422 | 12395 | 12719 | 4.23 | cps |
| Bromine | 81-2 | 160 | 187 | 190 | 179 | 9.19 | cps |
| Cadmium | 108-1 | 104792 | 103003 | 103271 | 103688 | 0.93 | cps |
| Cadmium | 106-1 | 152618 | 147645 | 146015 | 148759 | 2.31 | cps |
| Cadmium | 111-1 | 1415539 | 1393519 | 1389907 | 1399655 | 0.99 | cps |
| Calcium | 43-1 | 7180177 | 6922228 | 6903426 | 7001944 | 2.21 | cps |
| Calcium | 44-1 | 115640015 | 111621928 | 111244208 | 112835384 | 2.16 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2070550 | 2068815 | 2012483 | 2050616 | 1.61 | cps |
| Cobalt | 59-2 | 3210236 | 3209480 | 3226248 | 3215321 | 0.29 | cps |
| Copper | 63-2 | 22310631 | 22389161 | 22411097 | 22370296 | 0.24 | cps |
| Dysprosium | 156-1 | 323 | 347 | 327 | 332 | 3.80 | cps |
| Dysprosium | 156-2 | 460 | 477 | 537 | 491 | 8.21 | cps |
| Erbium | 164-1 | 333 | 323 | 330 | 329 | 1.55 | cps |
| Erbium | 164-2 | 260 | 240 | 297 | 266 | 10.82 | cps |
| Gadolinium | 160-1 | 257 | 283 | 227 | 256 | 11.09 | cps |
| Gadolinium | 160-2 | 750 | 760 | 773 | 761 | 1.54 | cps |
| Holmium | 165-1 | 15271846 | 15035255 | 14953760 | 15086954 | 1.10 | cps |
| Holmium | 165-2 | 10655588 | 10790840 | 10717828 | 10721419 | 0.63 | cps |
| Indium | 115-1 | 11488365 | 11212772 | 11137465 | 11279534 | 1.64 | cps |
| Indium | 115-2 | 4095435 | 4037501 | 4054511 | 4062482 | 0.73 | cps |
| Iron | 56-2 | 490971486 | 489421633 | 489654379 | 490015833 | 0.17 | cps |
| Iron | 57-2 | 12213285 | 12062797 | 12304799 | 12193627 | 1.00 | cps |
| Iron | 54-2 | 26598408 | 26749687 | 26322190 | 26556762 | 0.82 | cps |
| Krypton | 83-1 | 200 | 253 | 217 | 223 | 12.22 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:00:23 | DataFile Name : | 167CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22747306 | 23095735 | 23132165 | 22991735 | 0.92 | cps |
| Lead | 207-1 | 19918304 | 20229955 | 20161807 | 20103355 | 0.81 | cps |
| Lead | 208-1 | 91096797 | 92015607 | 92150209 | 91754204 | 0.62 | cps |
| Lithium | 6-1 | 1811995 | 1773906 | 1817373 | 1801091 | 1.32 | cps |
| Magnesium | 24-2 | 93850919 | 94181275 | 93229302 | 93753832 | 0.52 | cps |
| Manganese | 55-2 | 16921314 | 17002212 | 17021434 | 16981653 | 0.31 | cps |
| Molybdenum | 94-1 | 19803950 | 19455433 | 19346094 | 19535159 | 1.22 | cps |
| Molybdenum | 95-1 | 28861956 | 27886960 | 27884635 | 28211184 | 2.00 | cps |
| Molybdenum | 96-1 | 31843925 | 30501553 | 30681349 | 31008942 | 2.35 | cps |
| Molybdenum | 97-1 | 17915749 | 17543985 | 17414510 | 17624748 | 1.48 | cps |
| Molybdenum | 98-1 | 46206801 | 45083143 | 44695084 | 45328343 | 1.73 | cps |
| Neodymium | 150-1 | 480 | 433 | 527 | 480 | 9.72 | cps |
| Neodymium | 150-2 | 150 | 153 | 200 | 168 | 16.66 | cps |
| Nickel | 60-2 | 761989 | 762035 | 761341 | 761788 | 0.05 | cps |
| Phosphorus | 31-2 | 108920 | 108846 | 108538 | 108768 | 0.19 | cps |
| Potassium | 39-2 | 59432964 | 60605309 | 60028666 | 60022313 | 0.98 | cps |
| Rhodium | 103-1 | 10277685 | 9850079 | 9802935 | 9976900 | 2.62 | cps |
| Rhodium | 103-2 | 5815045 | 5847082 | 5882295 | 5848140 | 0.58 | cps |
| Scandium | 45-1 | 6242242 | 5947682 | 5868264 | 6019396 | 3.27 | cps |
| Scandium | 45-2 | 504674 | 509713 | 505814 | 506734 | 0.52 | cps |
| Selenium | 82-1 | 83606 | 81560 | 81247 | 82138 | 1.56 | cps |
| Selenium | 77-2 | 8706 | 8406 | 8619 | 8577 | 1.80 | cps |
| Selenium | 78-2 | 28718 | 28945 | 28621 | 28761 | 0.58 | cps |
| Silicon | 28-1 | 7462800 | 7035870 | 6978195 | 7158955 | 3.70 | cps |
| Silver | 107-1 | 7050805 | 6894616 | 6859148 | 6934857 | 1.47 | cps |
| Silver | 109-1 | 6731968 | 6601499 | 6520853 | 6618107 | 1.61 | cps |
| Sodium | 23-2 | 154243374 | 152557434 | 152718714 | 153173174 | 0.61 | cps |
| Strontium | 86-1 | 1825223 | 1792598 | 1789525 | 1802448 | 1.10 | cps |
| Strontium | 88-1 | 15841874 | 15549368 | 15261492 | 15550911 | 1.87 | cps |
| Sulfur | 34-1 | 554240 | 533294 | 522168 | 536567 | 3.03 | cps |
| Terbium | 159-1 | 15479214 | 15182087 | 15283408 | 15314903 | 0.99 | cps |
| Terbium | 159-2 | 10429610 | 10445044 | 10494145 | 10456266 | 0.32 | cps |
| Thallium | 203-1 | 5696444 | 5756602 | 5902883 | 5785310 | 1.84 | cps |
| Thallium | 205-1 | 13561196 | 13804546 | 13836691 | 13734144 | 1.10 | cps |
| Tin | 118-1 | 4776359 | 4700909 | 4728628 | 4735299 | 0.81 | cps |
| Titanium | 47-1 | 6786656 | 6584082 | 6435884 | 6602208 | 2.67 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:00:23 | DataFile Name : | 167CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18192721 | 18154933 | 18326128 | 18224594 | 0.49 | cps |
| Vanadium | 51-2 | 1873771 | 1878430 | 1850564 | 1867589 | 0.80 | cps |
| Yttrium | 89-1 | 17773386 | 17261763 | 17183025 | 17406058 | 1.84 | cps |
| Yttrium | 89-2 | 4626801 | 4626703 | 4669414 | 4640973 | 0.53 | cps |
| Zinc | 66-2 | 3866031 | 3855485 | 3871124 | 3864213 | 0.21 | cps |
| Zirconium | 90-1 | 9704505 | 9604094 | 9478483 | 9595694 | 1.18 | cps |
| Zirconium | 91-1 | 2168235 | 2112195 | 2124458 | 2134963 | 1.38 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:03:08 | DataFile Name : | 168CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1090 | 1090 | 1080 | 1087 | 0.53 | cps |
| Antimony | 121-1 | 3377 | 2947 | 2477 | 2934 | 15.35 | cps |
| Arsenic | 75-2 | 70 | 27 | 30 | 42 | 57.11 | cps |
| Barium | 135-1 | 1163 | 1033 | 850 | 1016 | 15.50 | cps |
| Barium | 137-1 | 1997 | 1607 | 1493 | 1699 | 15.54 | cps |
| Beryllium | 9-1 | 243 | 280 | 193 | 239 | 18.21 | cps |
| Bismuth | 209-1 | 9736540 | 9772940 | 9858457 | 9789312 | 0.64 | cps |
| Bismuth | 209-2 | 8199387 | 8180261 | 8234767 | 8204805 | 0.34 | cps |
| Bromine | 81-1 | 11831 | 11858 | 11771 | 11820 | 0.38 | cps |
| Bromine | 81-2 | 133 | 153 | 173 | 153 | 13.04 | cps |
| Cadmium | 108-1 | 27 | 20 | 23 | 23 | 14.29 | cps |
| Cadmium | 106-1 | 4231 | 4171 | 4044 | 4148 | 2.30 | cps |
| Cadmium | 111-1 | 1141 | 1068 | 998 | 1069 | 6.70 | cps |
| Calcium | 43-1 | 1257 | 1087 | 907 | 1083 | 16.16 | cps |
| Calcium | 44-1 | 23271 | 19967 | 17036 | 20091 | 15.53 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2013 | 2040 | 2100 | 2051 | 2.16 | cps |
| Cobalt | 59-2 | 413 | 413 | 410 | 412 | 0.47 | cps |
| Copper | 63-2 | 3290 | 2954 | 2944 | 3063 | 6.44 | cps |
| Dysprosium | 156-1 | 10 | 3 | 13 | 9 | 57.30 | cps |
| Dysprosium | 156-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Erbium | 164-1 | 70 | 60 | 67 | 66 | 7.77 | cps |
| Erbium | 164-2 | 40 | 43 | 67 | 50 | 29.06 | cps |
| Gadolinium | 160-1 | 53 | 60 | 63 | 59 | 8.65 | cps |
| Gadolinium | 160-2 | 627 | 560 | 593 | 593 | 5.62 | cps |
| Holmium | 165-1 | 15570982 | 15431003 | 15373681 | 15458555 | 0.66 | cps |
| Holmium | 165-2 | 11099069 | 11237791 | 11167753 | 11168204 | 0.62 | cps |
| Indium | 115-1 | 12088279 | 12243872 | 12066860 | 12133003 | 0.80 | cps |
| Indium | 115-2 | 4440856 | 4459990 | 4492568 | 4464471 | 0.59 | cps |
| Iron | 56-2 | 65388 | 62111 | 59260 | 62253 | 4.93 | cps |
| Iron | 57-2 | 1987 | 1807 | 1903 | 1899 | 4.74 | cps |
| Iron | 54-2 | 4991 | 4681 | 4574 | 4749 | 4.56 | cps |
| Krypton | 83-1 | 143 | 167 | 137 | 149 | 10.58 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:03:08 | DataFile Name : | 168CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4714 | 3907 | 3427 | 4016 | 16.19 | cps |
| Lead | 207-1 | 3837 | 3370 | 3037 | 3415 | 11.77 | cps |
| Lead | 208-1 | 18305 | 15207 | 13383 | 15632 | 15.92 | cps |
| Lithium | 6-1 | 1904499 | 1894503 | 1895928 | 1898310 | 0.28 | cps |
| Magnesium | 24-2 | 8539 | 8116 | 7552 | 8069 | 6.14 | cps |
| Manganese | 55-2 | 1873 | 1670 | 1620 | 1721 | 7.80 | cps |
| Molybdenum | 94-1 | 3644 | 3184 | 2840 | 3223 | 12.51 | cps |
| Molybdenum | 95-1 | 5288 | 4301 | 3701 | 4430 | 18.09 | cps |
| Molybdenum | 96-1 | 5691 | 4551 | 3924 | 4722 | 18.97 | cps |
| Molybdenum | 97-1 | 3270 | 2644 | 2297 | 2737 | 18.03 | cps |
| Molybdenum | 98-1 | 8393 | 7232 | 5898 | 7174 | 17.40 | cps |
| Neodymium | 150-1 | 10 | 0 | 7 | 6 | 91.64 | cps |
| Neodymium | 150-2 | 10 | 10 | 10 | 10 | 0.00 | cps |
| Nickel | 60-2 | 563 | 543 | 630 | 579 | 7.84 | cps |
| Phosphorus | 31-2 | 153 | 93 | 97 | 114 | 29.47 | cps |
| Potassium | 39-2 | 54872 | 53654 | 53183 | 53903 | 1.62 | cps |
| Rhodium | 103-1 | 10873935 | 10862987 | 10890655 | 10875859 | 0.13 | cps |
| Rhodium | 103-2 | 6587393 | 6566988 | 6580077 | 6578153 | 0.16 | cps |
| Scandium | 45-1 | 5963826 | 6013491 | 6031934 | 6003084 | 0.59 | cps |
| Scandium | 45-2 | 530574 | 526666 | 529185 | 528808 | 0.37 | cps |
| Selenium | 82-1 | 178 | 145 | 181 | 168 | 11.97 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 353 | 390 | 360 | 368 | 5.31 | cps |
| Silicon | 28-1 | 450257 | 453703 | 460309 | 454756 | 1.12 | cps |
| Silver | 107-1 | 1840 | 1487 | 1400 | 1576 | 14.79 | cps |
| Silver | 109-1 | 1730 | 1303 | 1123 | 1386 | 22.49 | cps |
| Sodium | 23-2 | 37362 | 36316 | 34960 | 36213 | 3.33 | cps |
| Strontium | 86-1 | 610 | 540 | 503 | 551 | 9.83 | cps |
| Strontium | 88-1 | 2700 | 2014 | 1957 | 2224 | 18.61 | cps |
| Sulfur | 34-1 | 154842 | 156889 | 156525 | 156085 | 0.70 | cps |
| Terbium | 159-1 | 15774501 | 15487495 | 15829217 | 15697071 | 1.17 | cps |
| Terbium | 159-2 | 10962857 | 10882604 | 11012879 | 10952780 | 0.60 | cps |
| Thallium | 203-1 | 2020 | 1530 | 1560 | 1703 | 16.13 | cps |
| Thallium | 205-1 | 4741 | 4057 | 3467 | 4088 | 15.59 | cps |
| Tin | 118-1 | 2207 | 1997 | 1813 | 2006 | 9.81 | cps |
| Titanium | 47-1 | 1097 | 800 | 830 | 909 | 17.97 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB018 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB018 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:03:08 | DataFile Name : | 168CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2787 | 2200 | 1797 | 2261 | 22.02 | cps |
| Vanadium | 51-2 | 157 | 143 | 177 | 159 | 10.56 | cps |
| Yttrium | 89-1 | 17573066 | 17661375 | 17657103 | 17630515 | 0.28 | cps |
| Yttrium | 89-2 | 4973479 | 4872228 | 4868739 | 4904815 | 1.21 | cps |
| Zinc | 66-2 | 637 | 580 | 543 | 587 | 8.02 | cps |
| Zirconium | 90-1 | 2687 | 2210 | 2097 | 2331 | 13.43 | cps |
| Zirconium | 91-1 | 560 | 427 | 420 | 469 | 16.84 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:06:31 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2532866 | 2487518 | 2535154 | 2518513 | 1.07 | cps |
| Antimony | 121-1 | 6273882 | 6417424 | 6446551 | 6379286 | 1.45 | cps |
| Arsenic | 75-2 | 889970 | 883403 | 895238 | 889537 | 0.67 | cps |
| Barium | 135-1 | 316637 | 329827 | 331829 | 326098 | 2.53 | cps |
| Barium | 137-1 | 553490 | 574043 | 573667 | 567067 | 2.07 | cps |
| Beryllium | 9-1 | 553 | 667 | 693 | 638 | 11.66 | cps |
| Bismuth | 209-1 | 10358569 | 9017735 | 10366686 | 9914330 | 7.83 | cps |
| Bismuth | 209-2 | 8542618 | 8488362 | 8503492 | 8511491 | 0.33 | cps |
| Bromine | 81-1 | 24664 | 26033 | 26878 | 25858 | 4.32 | cps |
| Bromine | 81-2 | 3097 | 2890 | 2887 | 2958 | 4.07 | cps |
| Cadmium | 108-1 | 643 | 660 | 663 | 656 | 1.63 | cps |
| Cadmium | 106-1 | 5458 | 5134 | 5758 | 5450 | 5.72 | cps |
| Cadmium | 111-1 | 6387 | 6613 | 6801 | 6600 | 3.14 | cps |
| Calcium | 43-1 | 246524 | 257370 | 257066 | 253653 | 2.43 | cps |
| Calcium | 44-1 | 3843647 | 4061086 | 4014524 | 3973085 | 2.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 134547 | 135519 | 135458 | 135175 | 0.40 | cps |
| Cobalt | 59-2 | 723340 | 722881 | 728556 | 724926 | 0.43 | cps |
| Copper | 63-2 | 3351123 | 3375883 | 3367327 | 3364778 | 0.37 | cps |
| Dysprosium | 156-1 | 18028 | 18232 | 18042 | 18101 | 0.63 | cps |
| Dysprosium | 156-2 | 14938 | 14945 | 15235 | 15039 | 1.13 | cps |
| Erbium | 164-1 | 18559 | 19257 | 19457 | 19091 | 2.47 | cps |
| Erbium | 164-2 | 13750 | 13767 | 13507 | 13675 | 1.07 | cps |
| Gadolinium | 160-1 | 17678 | 18469 | 18506 | 18217 | 2.57 | cps |
| Gadolinium | 160-2 | 14384 | 14201 | 14755 | 14446 | 1.95 | cps |
| Holmium | 165-1 | 16442981 | 14360501 | 16658926 | 15820803 | 8.02 | cps |
| Holmium | 165-2 | 11712936 | 11730970 | 11718197 | 11720701 | 0.08 | cps |
| Indium | 115-1 | 13598224 | 12031815 | 13915023 | 13181688 | 7.65 | cps |
| Indium | 115-2 | 5083506 | 5030015 | 5156256 | 5089926 | 1.24 | cps |
| Iron | 56-2 | 224746050 | 225007230 | 224077770 | 224610350 | 0.21 | cps |
| Iron | 57-2 | 5524273 | 5547626 | 5577604 | 5549835 | 0.48 | cps |
| Iron | 54-2 | 12268889 | 12209527 | 12148113 | 12208843 | 0.49 | cps |
| Krypton | 83-1 | 190 | 183 | 200 | 191 | 4.39 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:06:31 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9689028 | 10229072 | 10047275 | 9988458 | 2.75 | cps |
| Lead | 207-1 | 8541129 | 8894798 | 8723893 | 8719940 | 2.03 | cps |
| Lead | 208-1 | 38887687 | 40208641 | 40180846 | 39759058 | 1.90 | cps |
| Lithium | 6-1 | 2014725 | 1775160 | 2046031 | 1945305 | 7.62 | cps |
| Magnesium | 24-2 | 2260124 | 2247931 | 2246916 | 2251657 | 0.33 | cps |
| Manganese | 55-2 | 1662092 | 1666032 | 1660041 | 1662722 | 0.18 | cps |
| Molybdenum | 94-1 | 103861 | 107400 | 109250 | 106837 | 2.56 | cps |
| Molybdenum | 95-1 | 143943 | 150559 | 152431 | 148977 | 2.99 | cps |
| Molybdenum | 96-1 | 159890 | 168192 | 168401 | 165494 | 2.93 | cps |
| Molybdenum | 97-1 | 90149 | 93601 | 94466 | 92739 | 2.46 | cps |
| Molybdenum | 98-1 | 235138 | 244714 | 244451 | 241434 | 2.26 | cps |
| Neodymium | 150-1 | 25954 | 26765 | 27106 | 26608 | 2.22 | cps |
| Neodymium | 150-2 | 16680 | 16463 | 16743 | 16629 | 0.88 | cps |
| Nickel | 60-2 | 74902 | 74655 | 75056 | 74871 | 0.27 | cps |
| Phosphorus | 31-2 | 7038 | 7148 | 6835 | 7007 | 2.27 | cps |
| Potassium | 39-2 | 1511366 | 1483940 | 1500569 | 1498625 | 0.92 | cps |
| Rhodium | 103-1 | 11926547 | 10266843 | 12080486 | 11424625 | 8.80 | cps |
| Rhodium | 103-2 | 7140657 | 7056845 | 7254682 | 7150728 | 1.39 | cps |
| Scandium | 45-1 | 6721731 | 5881171 | 6898391 | 6500431 | 8.36 | cps |
| Scandium | 45-2 | 596998 | 592754 | 596705 | 595485 | 0.40 | cps |
| Selenium | 82-1 | 353 | 400 | 382 | 378 | 6.18 | cps |
| Selenium | 77-2 | 57 | 50 | 43 | 50 | 13.34 | cps |
| Selenium | 78-2 | 537 | 543 | 570 | 550 | 3.21 | cps |
| Silicon | 28-1 | 7962363 | 8469699 | 8695250 | 8375771 | 4.48 | cps |
| Silver | 107-1 | 24618 | 24981 | 24988 | 24862 | 0.85 | cps |
| Silver | 109-1 | 23730 | 23563 | 23519 | 23604 | 0.47 | cps |
| Sodium | 23-2 | 5200495 | 5210984 | 5260910 | 5224130 | 0.62 | cps |
| Strontium | 86-1 | 199868 | 207254 | 208850 | 205324 | 2.33 | cps |
| Strontium | 88-1 | 1794291 | 1868106 | 1854350 | 1838915 | 2.13 | cps |
| Sulfur | 34-1 | 225303 | 229517 | 231724 | 228848 | 1.43 | cps |
| Terbium | 159-1 | 16694761 | 14399987 | 17365026 | 16153258 | 9.63 | cps |
| Terbium | 159-2 | 11714914 | 11542315 | 11582216 | 11613148 | 0.78 | cps |
| Thallium | 203-1 | 9320 | 9373 | 9146 | 9280 | 1.28 | cps |
| Thallium | 205-1 | 22202 | 22542 | 21567 | 22104 | 2.24 | cps |
| Tin | 118-1 | 1772724 | 1817949 | 1820217 | 1803630 | 1.49 | cps |
| Titanium | 47-1 | 381679 | 398731 | 400528 | 393646 | 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 : | P5363-04DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:06:31 | DataFile Name : | 169SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 63571 | 65447 | 64472 | 64497 | 1.45 | cps |
| Vanadium | 51-2 | 129123 | 129845 | 130317 | 129761 | 0.46 | cps |
| Yttrium | 89-1 | 19472739 | 17012408 | 20131209 | 18872119 | 8.71 | cps |
| Yttrium | 89-2 | 5426333 | 5417383 | 5522906 | 5455540 | 1.07 | cps |
| Zinc | 66-2 | 3134053 | 3167996 | 3177011 | 3159687 | 0.72 | cps |
| Zirconium | 90-1 | 60253 | 62258 | 62811 | 61774 | 2.18 | cps |
| Zirconium | 91-1 | 14534 | 15388 | 15191 | 15038 | 2.98 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:09:33 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1027173 | 1037697 | 1042616 | 1035829 | 0.76 | cps |
| Antimony | 121-1 | 2691997 | 2730761 | 2727318 | 2716692 | 0.79 | cps |
| Arsenic | 75-2 | 378108 | 379463 | 382169 | 379913 | 0.54 | cps |
| Barium | 135-1 | 138358 | 138506 | 139289 | 138718 | 0.36 | cps |
| Barium | 137-1 | 241739 | 241640 | 242736 | 242038 | 0.25 | cps |
| Beryllium | 9-1 | 293 | 307 | 290 | 297 | 2.97 | cps |
| Bismuth | 209-1 | 10032882 | 10001664 | 10019688 | 10018078 | 0.16 | cps |
| Bismuth | 209-2 | 8339951 | 8546260 | 8462721 | 8449644 | 1.23 | cps |
| Bromine | 81-1 | 19163 | 19586 | 19900 | 19550 | 1.89 | cps |
| Bromine | 81-2 | 1250 | 1267 | 1337 | 1285 | 3.58 | cps |
| Cadmium | 108-1 | 323 | 393 | 330 | 349 | 11.07 | cps |
| Cadmium | 106-1 | 5174 | 4838 | 5008 | 5006 | 3.36 | cps |
| Cadmium | 111-1 | 3390 | 3395 | 3499 | 3428 | 1.80 | cps |
| Calcium | 43-1 | 107252 | 110122 | 109773 | 109049 | 1.44 | cps |
| Calcium | 44-1 | 1713522 | 1725417 | 1747327 | 1728755 | 0.99 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 58272 | 59293 | 58807 | 58791 | 0.87 | cps |
| Cobalt | 59-2 | 308254 | 310766 | 309421 | 309480 | 0.41 | cps |
| Copper | 63-2 | 1312599 | 1323588 | 1323347 | 1319845 | 0.48 | cps |
| Dysprosium | 156-1 | 7769 | 7779 | 7415 | 7654 | 2.70 | cps |
| Dysprosium | 156-2 | 6161 | 6341 | 6495 | 6333 | 2.64 | cps |
| Erbium | 164-1 | 7872 | 7976 | 7969 | 7939 | 0.73 | cps |
| Erbium | 164-2 | 6101 | 5981 | 5945 | 6009 | 1.36 | cps |
| Gadolinium | 160-1 | 7862 | 7786 | 7876 | 7841 | 0.62 | cps |
| Gadolinium | 160-2 | 6525 | 6568 | 6482 | 6525 | 0.66 | cps |
| Holmium | 165-1 | 16329861 | 16034461 | 16113324 | 16159215 | 0.95 | cps |
| Holmium | 165-2 | 11642823 | 11888792 | 11726776 | 11752797 | 1.06 | cps |
| Indium | 115-1 | 13286332 | 13254412 | 13299596 | 13280113 | 0.17 | cps |
| Indium | 115-2 | 4984644 | 5069935 | 5046778 | 5033786 | 0.88 | cps |
| Iron | 56-2 | 94586259 | 96439759 | 95401845 | 95475954 | 0.97 | cps |
| Iron | 57-2 | 2332393 | 2361666 | 2370146 | 2354735 | 0.84 | cps |
| Iron | 54-2 | 5133931 | 5158059 | 5257674 | 5183221 | 1.27 | cps |
| Krypton | 83-1 | 213 | 180 | 240 | 211 | 14.24 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-04DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:09:33 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4126037 | 4208757 | 4132513 | 4155769 | 1.11 | cps |
| Lead | 207-1 | 3690929 | 3651849 | 3626370 | 3656382 | 0.89 | cps |
| Lead | 208-1 | 16617439 | 16552060 | 16444361 | 16537953 | 0.53 | cps |
| Lithium | 6-1 | 1927384 | 1967433 | 1971751 | 1955523 | 1.25 | cps |
| Magnesium | 24-2 | 896923 | 903515 | 900595 | 900344 | 0.37 | cps |
| Manganese | 55-2 | 690911 | 699728 | 699151 | 696597 | 0.71 | cps |
| Molybdenum | 94-1 | 45708 | 45393 | 45758 | 45620 | 0.43 | cps |
| Molybdenum | 95-1 | 63738 | 63571 | 63233 | 63514 | 0.41 | cps |
| Molybdenum | 96-1 | 70646 | 70502 | 71832 | 70993 | 1.03 | cps |
| Molybdenum | 97-1 | 39791 | 39487 | 40356 | 39878 | 1.11 | cps |
| Molybdenum | 98-1 | 102174 | 103164 | 103121 | 102820 | 0.54 | cps |
| Neodymium | 150-1 | 10941 | 11315 | 11291 | 11182 | 1.87 | cps |
| Neodymium | 150-2 | 6455 | 7099 | 6825 | 6793 | 4.76 | cps |
| Nickel | 60-2 | 28975 | 29165 | 28818 | 28986 | 0.60 | cps |
| Phosphorus | 31-2 | 3044 | 3187 | 3037 | 3089 | 2.74 | cps |
| Potassium | 39-2 | 672606 | 678573 | 679852 | 677010 | 0.57 | cps |
| Rhodium | 103-1 | 12149859 | 11855489 | 12110559 | 12038636 | 1.33 | cps |
| Rhodium | 103-2 | 7259980 | 7251857 | 7333336 | 7281725 | 0.62 | cps |
| Scandium | 45-1 | 6762498 | 6808968 | 6915208 | 6828891 | 1.15 | cps |
| Scandium | 45-2 | 605204 | 606346 | 606959 | 606170 | 0.15 | cps |
| Selenium | 82-1 | 273 | 263 | 223 | 253 | 10.50 | cps |
| Selenium | 77-2 | 20 | 43 | 27 | 30 | 40.05 | cps |
| Selenium | 78-2 | 500 | 483 | 463 | 482 | 3.81 | cps |
| Silicon | 28-1 | 4577542 | 4071473 | 4209806 | 4286274 | 6.10 | cps |
| Silver | 107-1 | 10177 | 10397 | 10184 | 10253 | 1.22 | cps |
| Silver | 109-1 | 9763 | 9733 | 9627 | 9708 | 0.74 | cps |
| Sodium | 23-2 | 2225419 | 2232183 | 2245285 | 2234296 | 0.45 | cps |
| Strontium | 86-1 | 87555 | 88869 | 87682 | 88035 | 0.82 | cps |
| Strontium | 88-1 | 766506 | 763968 | 769934 | 766803 | 0.39 | cps |
| Sulfur | 34-1 | 194133 | 195932 | 194582 | 194882 | 0.48 | cps |
| Terbium | 159-1 | 16590568 | 16595770 | 16724054 | 16636797 | 0.45 | cps |
| Terbium | 159-2 | 11583644 | 11693715 | 11597558 | 11624972 | 0.52 | cps |
| Thallium | 203-1 | 3754 | 3641 | 3924 | 3773 | 3.78 | cps |
| Thallium | 205-1 | 9263 | 8753 | 8940 | 8985 | 2.87 | cps |
| Tin | 118-1 | 738682 | 746192 | 740185 | 741686 | 0.54 | cps |
| Titanium | 47-1 | 169672 | 173869 | 171125 | 171555 | 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 : | P5363-04DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA4 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:09:33 | DataFile Name : | 170SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 26840 | 27208 | 26349 | 26799 | 1.61 | cps |
| Vanadium | 51-2 | 55264 | 55508 | 55234 | 55335 | 0.27 | cps |
| Yttrium | 89-1 | 19509223 | 19532910 | 19542006 | 19528046 | 0.09 | cps |
| Yttrium | 89-2 | 5453150 | 5509261 | 5443857 | 5468756 | 0.65 | cps |
| Zinc | 66-2 | 1299524 | 1316182 | 1326121 | 1313942 | 1.02 | cps |
| Zirconium | 90-1 | 27113 | 26654 | 26581 | 26783 | 1.08 | cps |
| Zirconium | 91-1 | 6301 | 6301 | 6622 | 6408 | 2.88 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:12:44 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4628377 | 4566864 | 4577091 | 4590778 | 0.72 | cps |
| Antimony | 121-1 | 56121486 | 57430242 | 56632452 | 56728060 | 1.16 | cps |
| Arsenic | 75-2 | 5118681 | 5085433 | 5078332 | 5094149 | 0.42 | cps |
| Barium | 135-1 | 1770860 | 1824179 | 1798548 | 1797862 | 1.48 | cps |
| Barium | 137-1 | 3106271 | 3142144 | 3096118 | 3114844 | 0.78 | cps |
| Beryllium | 9-1 | 1590 | 1553 | 1593 | 1579 | 1.41 | cps |
| Bismuth | 209-1 | 10413076 | 10629458 | 10665879 | 10569471 | 1.29 | cps |
| Bismuth | 209-2 | 8979295 | 8929035 | 8907807 | 8938712 | 0.41 | cps |
| Bromine | 81-1 | 17410 | 18038 | 18675 | 18041 | 3.51 | cps |
| Bromine | 81-2 | 1057 | 970 | 930 | 986 | 6.57 | cps |
| Cadmium | 108-1 | 4747 | 4868 | 4898 | 4838 | 1.64 | cps |
| Cadmium | 106-1 | 11515 | 11952 | 11234 | 11567 | 3.12 | cps |
| Cadmium | 111-1 | 44346 | 43765 | 44325 | 44146 | 0.75 | cps |
| Calcium | 43-1 | 731798 | 749379 | 746012 | 742396 | 1.26 | cps |
| Calcium | 44-1 | 11651636 | 11674924 | 11758389 | 11694983 | 0.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 251452 | 252652 | 252481 | 252195 | 0.26 | cps |
| Cobalt | 59-2 | 1352069 | 1351536 | 1357345 | 1353650 | 0.24 | cps |
| Copper | 63-2 | 17929697 | 17915496 | 17985993 | 17943729 | 0.21 | cps |
| Dysprosium | 156-1 | 16566 | 16894 | 16727 | 16729 | 0.98 | cps |
| Dysprosium | 156-2 | 14474 | 14938 | 14514 | 14642 | 1.76 | cps |
| Erbium | 164-1 | 18185 | 18412 | 18115 | 18238 | 0.85 | cps |
| Erbium | 164-2 | 13316 | 13440 | 13133 | 13296 | 1.16 | cps |
| Gadolinium | 160-1 | 17097 | 16573 | 17267 | 16979 | 2.13 | cps |
| Gadolinium | 160-2 | 13447 | 13453 | 13643 | 13514 | 0.83 | cps |
| Holmium | 165-1 | 16550267 | 16458899 | 16403616 | 16470927 | 0.45 | cps |
| Holmium | 165-2 | 11911515 | 12003514 | 11947430 | 11954153 | 0.39 | cps |
| Indium | 115-1 | 16888138 | 17173670 | 17016065 | 17025958 | 0.84 | cps |
| Indium | 115-2 | 6481125 | 6467069 | 6519244 | 6489146 | 0.42 | cps |
| Iron | 56-2 | 773602842 | 768379189 | 769716309 | 770566113 | 0.35 | cps |
| Iron | 57-2 | 18915056 | 19093728 | 19003671 | 19004152 | 0.47 | cps |
| Iron | 54-2 | 41488181 | 41461663 | 41690495 | 41546780 | 0.30 | cps |
| Krypton | 83-1 | 240 | 233 | 270 | 248 | 7.88 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:12:44 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 82800214 | 82822515 | 81598800 | 82407177 | 0.85 | cps |
| Lead | 207-1 | 71416312 | 71611047 | 70958854 | 71328738 | 0.47 | cps |
| Lead | 208-1 | 327846050 | 327132327 | 325520612 | 326832996 | 0.36 | cps |
| Lithium | 6-1 | 2017596 | 2012164 | 1959033 | 1996265 | 1.62 | cps |
| Magnesium | 24-2 | 2169189 | 2183829 | 2167211 | 2173410 | 0.42 | cps |
| Manganese | 55-2 | 4371773 | 4386909 | 4367424 | 4375368 | 0.23 | cps |
| Molybdenum | 94-1 | 421845 | 428011 | 428472 | 426109 | 0.87 | cps |
| Molybdenum | 95-1 | 623391 | 641940 | 638208 | 634513 | 1.55 | cps |
| Molybdenum | 96-1 | 693962 | 705355 | 703246 | 700854 | 0.86 | cps |
| Molybdenum | 97-1 | 395704 | 400487 | 401410 | 399200 | 0.77 | cps |
| Molybdenum | 98-1 | 1012993 | 1030766 | 1033236 | 1025665 | 1.08 | cps |
| Neodymium | 150-1 | 24832 | 24718 | 24912 | 24821 | 0.39 | cps |
| Neodymium | 150-2 | 15212 | 15459 | 15559 | 15410 | 1.16 | cps |
| Nickel | 60-2 | 238764 | 236415 | 237150 | 237443 | 0.51 | cps |
| Phosphorus | 31-2 | 4887 | 4888 | 4944 | 4906 | 0.67 | cps |
| Potassium | 39-2 | 3664692 | 3673451 | 3640168 | 3659437 | 0.47 | cps |
| Rhodium | 103-1 | 12018886 | 12143280 | 12212759 | 12124975 | 0.81 | cps |
| Rhodium | 103-2 | 7490329 | 7522015 | 7418166 | 7476837 | 0.71 | cps |
| Scandium | 45-1 | 7081456 | 7044894 | 7101608 | 7075986 | 0.41 | cps |
| Scandium | 45-2 | 641534 | 642302 | 641140 | 641659 | 0.09 | cps |
| Selenium | 82-1 | 1311 | 1219 | 1174 | 1235 | 5.66 | cps |
| Selenium | 77-2 | 163 | 127 | 173 | 154 | 15.91 | cps |
| Selenium | 78-2 | 1000 | 887 | 910 | 932 | 6.42 | cps |
| Silicon | 28-1 | 37814142 | 38344126 | 38934311 | 38364193 | 1.46 | cps |
| Silver | 107-1 | 187353 | 190571 | 190351 | 189425 | 0.95 | cps |
| Silver | 109-1 | 177361 | 181868 | 182749 | 180660 | 1.60 | cps |
| Sodium | 23-2 | 6143449 | 5992692 | 6020861 | 6052334 | 1.32 | cps |
| Strontium | 86-1 | 462335 | 469318 | 469532 | 467062 | 0.88 | cps |
| Strontium | 88-1 | 4181773 | 4203530 | 4175583 | 4186962 | 0.35 | cps |
| Sulfur | 34-1 | 287210 | 286457 | 289111 | 287593 | 0.48 | cps |
| Terbium | 159-1 | 16773043 | 16845053 | 16720036 | 16779377 | 0.37 | cps |
| Terbium | 159-2 | 11886122 | 11807653 | 11872997 | 11855591 | 0.35 | cps |
| Thallium | 203-1 | 40099 | 40236 | 39835 | 40057 | 0.51 | cps |
| Thallium | 205-1 | 94938 | 96187 | 95774 | 95633 | 0.67 | cps |
| Tin | 118-1 | 11147894 | 11362869 | 11412062 | 11307608 | 1.24 | cps |
| Titanium | 47-1 | 651677 | 663254 | 664256 | 659729 | 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 : | P5363-05DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:12:44 | DataFile Name : | 171SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 155671 | 156446 | 158224 | 156780 | 0.83 | cps |
| Vanadium | 51-2 | 191501 | 191153 | 192859 | 191838 | 0.47 | cps |
| Yttrium | 89-1 | 20420651 | 20355476 | 20293414 | 20356514 | 0.31 | cps |
| Yttrium | 89-2 | 5660234 | 5715090 | 5658522 | 5677948 | 0.57 | cps |
| Zinc | 66-2 | 20848839 | 20705684 | 20891936 | 20815486 | 0.47 | cps |
| Zirconium | 90-1 | 182408 | 184830 | 186714 | 184651 | 1.17 | cps |
| Zirconium | 91-1 | 47239 | 47373 | 48145 | 47586 | 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 : | P5363-05DL2X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:15:43 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 837708 | 840893 | 840902 | 839835 | 0.22 | cps |
| Antimony | 121-1 | 11176554 | 11311498 | 11185589 | 11224547 | 0.67 | cps |
| Arsenic | 75-2 | 948827 | 948388 | 946316 | 947843 | 0.14 | cps |
| Barium | 135-1 | 333410 | 338565 | 337248 | 336408 | 0.80 | cps |
| Barium | 137-1 | 585616 | 588433 | 585049 | 586366 | 0.31 | cps |
| Beryllium | 9-1 | 380 | 367 | 340 | 362 | 5.62 | cps |
| Bismuth | 209-1 | 10320754 | 10205872 | 10095131 | 10207252 | 1.11 | cps |
| Bismuth | 209-2 | 8627053 | 8560600 | 8485781 | 8557811 | 0.83 | cps |
| Bromine | 81-1 | 14614 | 14914 | 14888 | 14805 | 1.12 | cps |
| Bromine | 81-2 | 320 | 323 | 307 | 317 | 2.79 | cps |
| Cadmium | 108-1 | 877 | 773 | 1050 | 900 | 15.53 | cps |
| Cadmium | 106-1 | 5911 | 5671 | 5634 | 5739 | 2.62 | cps |
| Cadmium | 111-1 | 9726 | 9668 | 9287 | 9560 | 2.50 | cps |
| Calcium | 43-1 | 145223 | 146543 | 147818 | 146528 | 0.89 | cps |
| Calcium | 44-1 | 2290133 | 2299156 | 2281434 | 2290241 | 0.39 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 50253 | 50026 | 50511 | 50263 | 0.48 | cps |
| Cobalt | 59-2 | 259961 | 260860 | 259124 | 259981 | 0.33 | cps |
| Copper | 63-2 | 3508044 | 3509594 | 3504263 | 3507300 | 0.08 | cps |
| Dysprosium | 156-1 | 3434 | 3427 | 3457 | 3439 | 0.46 | cps |
| Dysprosium | 156-2 | 2770 | 2620 | 3034 | 2808 | 7.45 | cps |
| Erbium | 164-1 | 3440 | 3384 | 3657 | 3494 | 4.13 | cps |
| Erbium | 164-2 | 2650 | 2554 | 2590 | 2598 | 1.88 | cps |
| Gadolinium | 160-1 | 3287 | 3324 | 3347 | 3319 | 0.91 | cps |
| Gadolinium | 160-2 | 3227 | 3180 | 2940 | 3116 | 4.94 | cps |
| Holmium | 165-1 | 16440484 | 16197354 | 16210699 | 16282846 | 0.84 | cps |
| Holmium | 165-2 | 11763071 | 11649285 | 11596423 | 11669593 | 0.73 | cps |
| Indium | 115-1 | 14053834 | 13932583 | 13815299 | 13933905 | 0.86 | cps |
| Indium | 115-2 | 5235589 | 5273585 | 5190422 | 5233198 | 0.80 | cps |
| Iron | 56-2 | 147142828 | 146244111 | 147661374 | 147016104 | 0.49 | cps |
| Iron | 57-2 | 3608703 | 3584292 | 3652666 | 3615220 | 0.96 | cps |
| Iron | 54-2 | 7938950 | 7956794 | 7939741 | 7945162 | 0.13 | cps |
| Krypton | 83-1 | 237 | 200 | 187 | 208 | 12.46 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL2X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:15:43 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16198124 | 16497672 | 16428488 | 16374761 | 0.96 | cps |
| Lead | 207-1 | 14124399 | 14191246 | 14250894 | 14188846 | 0.45 | cps |
| Lead | 208-1 | 64579042 | 64967494 | 65210902 | 64919146 | 0.49 | cps |
| Lithium | 6-1 | 1998086 | 1969994 | 1996725 | 1988268 | 0.80 | cps |
| Magnesium | 24-2 | 390329 | 389274 | 389258 | 389620 | 0.16 | cps |
| Manganese | 55-2 | 824931 | 824309 | 827052 | 825431 | 0.17 | cps |
| Molybdenum | 94-1 | 82490 | 85229 | 84961 | 84227 | 1.79 | cps |
| Molybdenum | 95-1 | 123778 | 123754 | 124641 | 124058 | 0.41 | cps |
| Molybdenum | 96-1 | 136244 | 138872 | 137916 | 137677 | 0.97 | cps |
| Molybdenum | 97-1 | 76898 | 76345 | 77206 | 76816 | 0.57 | cps |
| Molybdenum | 98-1 | 198949 | 200257 | 201456 | 200221 | 0.63 | cps |
| Neodymium | 150-1 | 4758 | 4858 | 4844 | 4820 | 1.13 | cps |
| Neodymium | 150-2 | 2854 | 2977 | 2944 | 2925 | 2.18 | cps |
| Nickel | 60-2 | 46783 | 46097 | 46244 | 46375 | 0.78 | cps |
| Phosphorus | 31-2 | 1107 | 977 | 983 | 1022 | 7.16 | cps |
| Potassium | 39-2 | 753298 | 751885 | 752379 | 752520 | 0.10 | cps |
| Rhodium | 103-1 | 12356820 | 12068346 | 12133543 | 12186236 | 1.24 | cps |
| Rhodium | 103-2 | 7344705 | 7351285 | 7264314 | 7320101 | 0.66 | cps |
| Scandium | 45-1 | 7119196 | 6882584 | 7016445 | 7006075 | 1.69 | cps |
| Scandium | 45-2 | 605861 | 608062 | 607244 | 607056 | 0.18 | cps |
| Selenium | 82-1 | 385 | 435 | 424 | 415 | 6.35 | cps |
| Selenium | 77-2 | 30 | 30 | 20 | 27 | 21.65 | cps |
| Selenium | 78-2 | 533 | 527 | 443 | 501 | 10.01 | cps |
| Silicon | 28-1 | 8080165 | 8279665 | 8163170 | 8174333 | 1.23 | cps |
| Silver | 107-1 | 37826 | 37091 | 37091 | 37336 | 1.14 | cps |
| Silver | 109-1 | 34855 | 35447 | 36075 | 35459 | 1.72 | cps |
| Sodium | 23-2 | 1162630 | 1173236 | 1159354 | 1165073 | 0.62 | cps |
| Strontium | 86-1 | 91170 | 89721 | 91602 | 90831 | 1.08 | cps |
| Strontium | 88-1 | 789976 | 794713 | 794714 | 793134 | 0.34 | cps |
| Sulfur | 34-1 | 187262 | 185949 | 184074 | 185762 | 0.86 | cps |
| Terbium | 159-1 | 16858798 | 16739676 | 16566046 | 16721506 | 0.88 | cps |
| Terbium | 159-2 | 11526618 | 11532364 | 11610326 | 11556436 | 0.40 | cps |
| Thallium | 203-1 | 8246 | 8146 | 7792 | 8061 | 2.96 | cps |
| Thallium | 205-1 | 18887 | 19444 | 19581 | 19304 | 1.91 | cps |
| Tin | 118-1 | 2243871 | 2260825 | 2201836 | 2235511 | 1.36 | cps |
| Titanium | 47-1 | 128231 | 129286 | 129014 | 128844 | 0.43 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL2X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:15:43 | DataFile Name : | 172SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30873 | 30498 | 31103 | 30825 | 0.99 | cps |
| Vanadium | 51-2 | 36444 | 36464 | 36878 | 36595 | 0.67 | cps |
| Yttrium | 89-1 | 20126987 | 19658158 | 19723903 | 19836349 | 1.28 | cps |
| Yttrium | 89-2 | 5530323 | 5466990 | 5472907 | 5490073 | 0.64 | cps |
| Zinc | 66-2 | 4064204 | 4095481 | 4029848 | 4063178 | 0.81 | cps |
| Zirconium | 90-1 | 35386 | 36442 | 36459 | 36095 | 1.70 | cps |
| Zirconium | 91-1 | 9026 | 9363 | 9136 | 9175 | 1.87 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL3X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:18:53 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 340535 | 338106 | 339277 | 339306 | 0.36 | cps |
| Antimony | 121-1 | 4420331 | 4445943 | 4440077 | 4435450 | 0.30 | cps |
| Arsenic | 75-2 | 384622 | 385140 | 382701 | 384154 | 0.33 | cps |
| Barium | 135-1 | 132466 | 133832 | 134168 | 133489 | 0.68 | cps |
| Barium | 137-1 | 231727 | 233161 | 233923 | 232937 | 0.48 | cps |
| Beryllium | 9-1 | 163 | 187 | 157 | 169 | 9.33 | cps |
| Bismuth | 209-1 | 10028179 | 9995816 | 9814481 | 9946159 | 1.16 | cps |
| Bismuth | 209-2 | 8568321 | 8376705 | 8433917 | 8459648 | 1.16 | cps |
| Bromine | 81-1 | 14627 | 14264 | 14761 | 14551 | 1.77 | cps |
| Bromine | 81-2 | 180 | 193 | 240 | 204 | 15.41 | cps |
| Cadmium | 108-1 | 413 | 417 | 327 | 386 | 13.24 | cps |
| Cadmium | 106-1 | 4978 | 4711 | 4878 | 4855 | 2.78 | cps |
| Cadmium | 111-1 | 4278 | 4142 | 4282 | 4234 | 1.88 | cps |
| Calcium | 43-1 | 57843 | 57896 | 59754 | 58498 | 1.86 | cps |
| Calcium | 44-1 | 934230 | 944386 | 943511 | 940709 | 0.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 21439 | 21579 | 21008 | 21342 | 1.39 | cps |
| Cobalt | 59-2 | 104860 | 104339 | 104138 | 104446 | 0.36 | cps |
| Copper | 63-2 | 1374286 | 1384789 | 1371436 | 1376837 | 0.51 | cps |
| Dysprosium | 156-1 | 1257 | 1373 | 1270 | 1300 | 4.91 | cps |
| Dysprosium | 156-2 | 1167 | 1163 | 1143 | 1158 | 1.09 | cps |
| Erbium | 164-1 | 1503 | 1427 | 1430 | 1453 | 2.98 | cps |
| Erbium | 164-2 | 1117 | 1027 | 1133 | 1092 | 5.25 | cps |
| Gadolinium | 160-1 | 1383 | 1420 | 1423 | 1409 | 1.58 | cps |
| Gadolinium | 160-2 | 1637 | 1697 | 1403 | 1579 | 9.82 | cps |
| Holmium | 165-1 | 16074436 | 16044488 | 15966959 | 16028628 | 0.35 | cps |
| Holmium | 165-2 | 11638762 | 11594116 | 11687525 | 11640135 | 0.40 | cps |
| Indium | 115-1 | 13318659 | 13231227 | 13191213 | 13247033 | 0.49 | cps |
| Indium | 115-2 | 5008311 | 5024126 | 5036120 | 5022853 | 0.28 | cps |
| Iron | 56-2 | 58826219 | 58949111 | 58975324 | 58916885 | 0.14 | cps |
| Iron | 57-2 | 1452520 | 1448959 | 1451953 | 1451144 | 0.13 | cps |
| Iron | 54-2 | 3235775 | 3222189 | 3199355 | 3219106 | 0.57 | cps |
| Krypton | 83-1 | 197 | 253 | 210 | 220 | 13.47 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL3X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:18:53 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6419733 | 6524031 | 6649721 | 6531162 | 1.76 | cps |
| Lead | 207-1 | 5635005 | 5792079 | 5770273 | 5732452 | 1.48 | cps |
| Lead | 208-1 | 25647168 | 26277671 | 26347504 | 26090781 | 1.48 | cps |
| Lithium | 6-1 | 1925413 | 2010107 | 1953109 | 1962876 | 2.20 | cps |
| Magnesium | 24-2 | 158261 | 158789 | 159267 | 158772 | 0.32 | cps |
| Manganese | 55-2 | 331056 | 330735 | 331305 | 331032 | 0.09 | cps |
| Molybdenum | 94-1 | 33144 | 34023 | 33772 | 33646 | 1.35 | cps |
| Molybdenum | 95-1 | 49697 | 50279 | 49380 | 49785 | 0.92 | cps |
| Molybdenum | 96-1 | 54588 | 54876 | 55260 | 54908 | 0.61 | cps |
| Molybdenum | 97-1 | 30415 | 31541 | 30926 | 30961 | 1.82 | cps |
| Molybdenum | 98-1 | 79548 | 80614 | 79441 | 79868 | 0.81 | cps |
| Neodymium | 150-1 | 2010 | 1877 | 2027 | 1971 | 4.17 | cps |
| Neodymium | 150-2 | 1183 | 1280 | 1197 | 1220 | 4.29 | cps |
| Nickel | 60-2 | 18688 | 19176 | 19059 | 18974 | 1.34 | cps |
| Phosphorus | 31-2 | 523 | 470 | 517 | 503 | 5.77 | cps |
| Potassium | 39-2 | 332833 | 334141 | 332492 | 333155 | 0.26 | cps |
| Rhodium | 103-1 | 12067311 | 11850331 | 11958163 | 11958602 | 0.91 | cps |
| Rhodium | 103-2 | 7243962 | 7136323 | 7297053 | 7225780 | 1.13 | cps |
| Scandium | 45-1 | 6853897 | 6836716 | 6746382 | 6812331 | 0.85 | cps |
| Scandium | 45-2 | 602867 | 602168 | 601384 | 602139 | 0.12 | cps |
| Selenium | 82-1 | 277 | 233 | 205 | 238 | 15.35 | cps |
| Selenium | 77-2 | 7 | 23 | 10 | 13 | 66.12 | cps |
| Selenium | 78-2 | 403 | 387 | 490 | 427 | 13.00 | cps |
| Silicon | 28-1 | 3559937 | 3677325 | 3734387 | 3657216 | 2.43 | cps |
| Silver | 107-1 | 14571 | 15211 | 14921 | 14901 | 2.15 | cps |
| Silver | 109-1 | 13880 | 14397 | 14327 | 14201 | 1.98 | cps |
| Sodium | 23-2 | 455483 | 458922 | 457443 | 457283 | 0.38 | cps |
| Strontium | 86-1 | 36749 | 36321 | 36846 | 36639 | 0.76 | cps |
| Strontium | 88-1 | 317849 | 316095 | 319060 | 317668 | 0.47 | cps |
| Sulfur | 34-1 | 164690 | 166253 | 165192 | 165378 | 0.48 | cps |
| Terbium | 159-1 | 16614659 | 16458003 | 16761551 | 16611404 | 0.91 | cps |
| Terbium | 159-2 | 11467583 | 11464372 | 11564304 | 11498753 | 0.49 | cps |
| Thallium | 203-1 | 3317 | 3464 | 3427 | 3403 | 2.24 | cps |
| Thallium | 205-1 | 8273 | 7959 | 7902 | 8045 | 2.48 | cps |
| Tin | 118-1 | 855441 | 857843 | 866298 | 859861 | 0.66 | cps |
| Titanium | 47-1 | 50751 | 51387 | 50588 | 50909 | 0.83 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-05DL3X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA5 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:18:53 | DataFile Name : | 173SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 12359 | 12282 | 12179 | 12274 | 0.74 | cps |
| Vanadium | 51-2 | 14580 | 14927 | 14620 | 14709 | 1.29 | cps |
| Yttrium | 89-1 | 19634797 | 19413204 | 19467881 | 19505294 | 0.59 | cps |
| Yttrium | 89-2 | 5406656 | 5380573 | 5425452 | 5404227 | 0.42 | cps |
| Zinc | 66-2 | 1629406 | 1621224 | 1626036 | 1625555 | 0.25 | cps |
| Zirconium | 90-1 | 14454 | 14727 | 14914 | 14699 | 1.58 | cps |
| Zirconium | 91-1 | 3467 | 3794 | 3817 | 3693 | 5.30 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:22:02 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4463109 | 4439209 | 4473309 | 4458542 | 0.39 | cps |
| Antimony | 121-1 | 23999835 | 24007067 | 23711603 | 23906168 | 0.70 | cps |
| Arsenic | 75-2 | 3348820 | 3329826 | 3313693 | 3330780 | 0.53 | cps |
| Barium | 135-1 | 1265682 | 1273505 | 1274245 | 1271144 | 0.37 | cps |
| Barium | 137-1 | 2274102 | 2279781 | 2289073 | 2280985 | 0.33 | cps |
| Beryllium | 9-1 | 1510 | 1620 | 1430 | 1520 | 6.28 | cps |
| Bismuth | 209-1 | 10333470 | 10279297 | 10185517 | 10266095 | 0.73 | cps |
| Bismuth | 209-2 | 8648489 | 8580247 | 8574627 | 8601121 | 0.48 | cps |
| Bromine | 81-1 | 20875 | 21122 | 22077 | 21358 | 2.97 | cps |
| Bromine | 81-2 | 1873 | 1677 | 1660 | 1737 | 6.83 | cps |
| Cadmium | 108-1 | 1847 | 2174 | 2237 | 2086 | 10.04 | cps |
| Cadmium | 106-1 | 7709 | 7709 | 7385 | 7601 | 2.46 | cps |
| Cadmium | 111-1 | 14654 | 14558 | 14114 | 14442 | 1.99 | cps |
| Calcium | 43-1 | 1052843 | 1063878 | 1066138 | 1060953 | 0.67 | cps |
| Calcium | 44-1 | 16663063 | 16590864 | 16664266 | 16639397 | 0.25 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 130122 | 129331 | 129984 | 129813 | 0.33 | cps |
| Cobalt | 59-2 | 3674460 | 3725079 | 3703702 | 3701080 | 0.69 | cps |
| Copper | 63-2 | 11832150 | 11634562 | 11777996 | 11748236 | 0.87 | cps |
| Dysprosium | 156-1 | 19657 | 19173 | 19220 | 19350 | 1.38 | cps |
| Dysprosium | 156-2 | 16593 | 16954 | 16537 | 16694 | 1.36 | cps |
| Erbium | 164-1 | 24642 | 24351 | 23974 | 24322 | 1.38 | cps |
| Erbium | 164-2 | 17701 | 17428 | 18008 | 17712 | 1.64 | cps |
| Gadolinium | 160-1 | 19757 | 19530 | 19751 | 19679 | 0.66 | cps |
| Gadolinium | 160-2 | 15439 | 15329 | 15465 | 15411 | 0.47 | cps |
| Holmium | 165-1 | 16589900 | 16221888 | 16536027 | 16449272 | 1.21 | cps |
| Holmium | 165-2 | 11722829 | 11936679 | 11803771 | 11821093 | 0.91 | cps |
| Indium | 115-1 | 16656464 | 16751367 | 16817479 | 16741770 | 0.48 | cps |
| Indium | 115-2 | 6314550 | 6319214 | 6264059 | 6299274 | 0.49 | cps |
| Iron | 56-2 | 704573483 | 706903323 | 699945670 | 703807492 | 0.50 | cps |
| Iron | 57-2 | 17424990 | 17344302 | 17271420 | 17346904 | 0.44 | cps |
| Iron | 54-2 | 38364489 | 38257271 | 38006788 | 38209516 | 0.48 | cps |
| Krypton | 83-1 | 257 | 247 | 293 | 266 | 9.25 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:22:02 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 31660100 | 31434790 | 31799910 | 31631600 | 0.58 | cps |
| Lead | 207-1 | 27423361 | 27553550 | 27732157 | 27569689 | 0.56 | cps |
| Lead | 208-1 | 125972171 | 125811231 | 126350337 | 126044580 | 0.22 | cps |
| Lithium | 6-1 | 1970787 | 2007632 | 1989418 | 1989279 | 0.93 | cps |
| Magnesium | 24-2 | 2171661 | 2181720 | 2142343 | 2165242 | 0.94 | cps |
| Manganese | 55-2 | 4103045 | 4184129 | 4086532 | 4124569 | 1.27 | cps |
| Molybdenum | 94-1 | 259772 | 262294 | 261873 | 261313 | 0.52 | cps |
| Molybdenum | 95-1 | 305804 | 308127 | 307075 | 307002 | 0.38 | cps |
| Molybdenum | 96-1 | 351433 | 351543 | 356161 | 353046 | 0.76 | cps |
| Molybdenum | 97-1 | 193352 | 195256 | 193217 | 193942 | 0.59 | cps |
| Molybdenum | 98-1 | 496402 | 498609 | 501657 | 498889 | 0.53 | cps |
| Neodymium | 150-1 | 28318 | 28669 | 29013 | 28667 | 1.21 | cps |
| Neodymium | 150-2 | 17347 | 17624 | 17748 | 17573 | 1.17 | cps |
| Nickel | 60-2 | 94606 | 94334 | 93378 | 94106 | 0.69 | cps |
| Phosphorus | 31-2 | 4891 | 4721 | 4527 | 4713 | 3.86 | cps |
| Potassium | 39-2 | 3983262 | 3919610 | 3854055 | 3918975 | 1.65 | cps |
| Rhodium | 103-1 | 11858297 | 11735394 | 12022676 | 11872122 | 1.21 | cps |
| Rhodium | 103-2 | 7197608 | 7209855 | 7225891 | 7211118 | 0.20 | cps |
| Scandium | 45-1 | 7003328 | 6961300 | 7031917 | 6998848 | 0.51 | cps |
| Scandium | 45-2 | 610958 | 612680 | 609927 | 611188 | 0.23 | cps |
| Selenium | 82-1 | 800 | 867 | 743 | 803 | 7.76 | cps |
| Selenium | 77-2 | 87 | 133 | 117 | 112 | 21.07 | cps |
| Selenium | 78-2 | 600 | 713 | 613 | 642 | 9.65 | cps |
| Silicon | 28-1 | 65074304 | 65937122 | 65529001 | 65513476 | 0.66 | cps |
| Silver | 107-1 | 88152 | 90067 | 90164 | 89461 | 1.27 | cps |
| Silver | 109-1 | 84132 | 86335 | 84645 | 85037 | 1.36 | cps |
| Sodium | 23-2 | 6167417 | 6122790 | 6132997 | 6141068 | 0.38 | cps |
| Strontium | 86-1 | 552130 | 556905 | 556863 | 555299 | 0.49 | cps |
| Strontium | 88-1 | 4996367 | 5013024 | 4999655 | 5003015 | 0.18 | cps |
| Sulfur | 34-1 | 288799 | 288503 | 289377 | 288893 | 0.15 | cps |
| Terbium | 159-1 | 16534745 | 16672549 | 16660400 | 16622564 | 0.46 | cps |
| Terbium | 159-2 | 11617367 | 11553694 | 11710839 | 11627300 | 0.68 | cps |
| Thallium | 203-1 | 17962 | 17832 | 18125 | 17973 | 0.82 | cps |
| Thallium | 205-1 | 42710 | 42700 | 43128 | 42846 | 0.57 | cps |
| Tin | 118-1 | 5415459 | 5536706 | 5478968 | 5477044 | 1.11 | cps |
| Titanium | 47-1 | 758999 | 764753 | 762024 | 761925 | 0.38 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DLX2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 2 |
| Date & Time Acquired : | 2024-12-28 01:22:02 | DataFile Name : | 174SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 99015 | 100866 | 99939 | 99940 | 0.93 | cps |
| Vanadium | 51-2 | 172617 | 171961 | 172809 | 172462 | 0.26 | cps |
| Yttrium | 89-1 | 20045803 | 20097496 | 19942268 | 20028523 | 0.39 | cps |
| Yttrium | 89-2 | 5571975 | 5577142 | 5494018 | 5547712 | 0.84 | cps |
| Zinc | 66-2 | 11319767 | 11214444 | 11171383 | 11235198 | 0.68 | cps |
| Zirconium | 90-1 | 235716 | 238856 | 238662 | 237744 | 0.74 | cps |
| Zirconium | 91-1 | 56572 | 56849 | 57435 | 56952 | 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 : | P5363-09DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:25:02 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1820618 | 1826503 | 1831975 | 1826365 | 0.31 | cps |
| Antimony | 121-1 | 10008817 | 9998872 | 9946227 | 9984639 | 0.34 | cps |
| Arsenic | 75-2 | 1317754 | 1317919 | 1316614 | 1317429 | 0.05 | cps |
| Barium | 135-1 | 517519 | 524341 | 521636 | 521165 | 0.66 | cps |
| Barium | 137-1 | 905638 | 903003 | 902378 | 903673 | 0.19 | cps |
| Beryllium | 9-1 | 613 | 690 | 567 | 623 | 9.99 | cps |
| Bismuth | 209-1 | 10235549 | 10058127 | 10146620 | 10146766 | 0.87 | cps |
| Bismuth | 209-2 | 8451087 | 8480286 | 8544970 | 8492115 | 0.57 | cps |
| Bromine | 81-1 | 17133 | 17284 | 16863 | 17093 | 1.25 | cps |
| Bromine | 81-2 | 743 | 903 | 820 | 822 | 9.73 | cps |
| Cadmium | 108-1 | 767 | 860 | 920 | 849 | 9.10 | cps |
| Cadmium | 106-1 | 5655 | 5861 | 5554 | 5690 | 2.75 | cps |
| Cadmium | 111-1 | 6496 | 6418 | 6444 | 6453 | 0.61 | cps |
| Calcium | 43-1 | 432581 | 434726 | 435069 | 434125 | 0.31 | cps |
| Calcium | 44-1 | 6845922 | 6849204 | 6825754 | 6840293 | 0.19 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 54555 | 54083 | 53889 | 54176 | 0.63 | cps |
| Cobalt | 59-2 | 1528927 | 1530405 | 1507762 | 1522364 | 0.83 | cps |
| Copper | 63-2 | 4869938 | 4868893 | 4867987 | 4868939 | 0.02 | cps |
| Dysprosium | 156-1 | 7989 | 7766 | 8036 | 7930 | 1.82 | cps |
| Dysprosium | 156-2 | 6682 | 6798 | 6812 | 6764 | 1.06 | cps |
| Erbium | 164-1 | 9840 | 9944 | 10174 | 9986 | 1.71 | cps |
| Erbium | 164-2 | 7395 | 7435 | 7252 | 7361 | 1.31 | cps |
| Gadolinium | 160-1 | 8142 | 8019 | 8072 | 8078 | 0.77 | cps |
| Gadolinium | 160-2 | 6772 | 6648 | 6738 | 6719 | 0.95 | cps |
| Holmium | 165-1 | 16188566 | 16270365 | 16173983 | 16210971 | 0.32 | cps |
| Holmium | 165-2 | 11697286 | 11717035 | 11692519 | 11702280 | 0.11 | cps |
| Indium | 115-1 | 14769975 | 14659468 | 14449572 | 14626338 | 1.11 | cps |
| Indium | 115-2 | 5453265 | 5541276 | 5423600 | 5472713 | 1.12 | cps |
| Iron | 56-2 | 290573109 | 291393576 | 288310336 | 290092340 | 0.55 | cps |
| Iron | 57-2 | 7113534 | 7085351 | 7079355 | 7092747 | 0.26 | cps |
| Iron | 54-2 | 15753016 | 15640804 | 15560039 | 15651286 | 0.62 | cps |
| Krypton | 83-1 | 250 | 213 | 200 | 221 | 11.71 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:25:02 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 12865389 | 13243751 | 12996906 | 13035349 | 1.47 | cps |
| Lead | 207-1 | 11589762 | 11448135 | 11298302 | 11445400 | 1.27 | cps |
| Lead | 208-1 | 52160670 | 51906033 | 51603501 | 51890068 | 0.54 | cps |
| Lithium | 6-1 | 1958669 | 1970390 | 1993629 | 1974229 | 0.90 | cps |
| Magnesium | 24-2 | 823369 | 819637 | 820064 | 821023 | 0.25 | cps |
| Manganese | 55-2 | 1681357 | 1696225 | 1699570 | 1692384 | 0.57 | cps |
| Molybdenum | 94-1 | 106718 | 107568 | 107467 | 107251 | 0.43 | cps |
| Molybdenum | 95-1 | 125855 | 126682 | 126733 | 126423 | 0.39 | cps |
| Molybdenum | 96-1 | 143886 | 145364 | 145832 | 145027 | 0.70 | cps |
| Molybdenum | 97-1 | 79173 | 78331 | 78871 | 78792 | 0.54 | cps |
| Molybdenum | 98-1 | 202410 | 203819 | 204762 | 203664 | 0.58 | cps |
| Neodymium | 150-1 | 11595 | 11435 | 11548 | 11526 | 0.71 | cps |
| Neodymium | 150-2 | 7375 | 7262 | 7162 | 7266 | 1.47 | cps |
| Nickel | 60-2 | 39198 | 38686 | 39014 | 38966 | 0.66 | cps |
| Phosphorus | 31-2 | 1987 | 2084 | 1993 | 2021 | 2.67 | cps |
| Potassium | 39-2 | 1633136 | 1631422 | 1603339 | 1622632 | 1.03 | cps |
| Rhodium | 103-1 | 11901844 | 11853770 | 12002745 | 11919453 | 0.64 | cps |
| Rhodium | 103-2 | 7219101 | 7169361 | 7182993 | 7190485 | 0.36 | cps |
| Scandium | 45-1 | 6905300 | 6900101 | 6805647 | 6870349 | 0.82 | cps |
| Scandium | 45-2 | 607528 | 600550 | 601023 | 603034 | 0.65 | cps |
| Selenium | 82-1 | 403 | 406 | 461 | 423 | 7.70 | cps |
| Selenium | 77-2 | 63 | 53 | 33 | 50 | 30.55 | cps |
| Selenium | 78-2 | 493 | 510 | 543 | 516 | 4.94 | cps |
| Silicon | 28-1 | 26144997 | 26349671 | 26911455 | 26468708 | 1.50 | cps |
| Silver | 107-1 | 36379 | 36666 | 37659 | 36901 | 1.82 | cps |
| Silver | 109-1 | 34775 | 34979 | 34952 | 34902 | 0.32 | cps |
| Sodium | 23-2 | 2498825 | 2515712 | 2496237 | 2503591 | 0.42 | cps |
| Strontium | 86-1 | 226529 | 228623 | 230362 | 228505 | 0.84 | cps |
| Strontium | 88-1 | 2054694 | 2062201 | 2055457 | 2057451 | 0.20 | cps |
| Sulfur | 34-1 | 202821 | 203357 | 203172 | 203116 | 0.13 | cps |
| Terbium | 159-1 | 16892051 | 16663611 | 16460500 | 16672054 | 1.29 | cps |
| Terbium | 159-2 | 11504574 | 11478587 | 11383932 | 11455697 | 0.55 | cps |
| Thallium | 203-1 | 7525 | 7612 | 7415 | 7518 | 1.31 | cps |
| Thallium | 205-1 | 17962 | 18419 | 17899 | 18093 | 1.57 | cps |
| Tin | 118-1 | 2294643 | 2257904 | 2271611 | 2274719 | 0.82 | cps |
| Titanium | 47-1 | 310777 | 317963 | 310572 | 313104 | 1.34 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL2X5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-28 01:25:02 | DataFile Name : | 175SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 40024 | 42013 | 41260 | 41099 | 2.44 | cps |
| Vanadium | 51-2 | 69931 | 70400 | 69754 | 70028 | 0.48 | cps |
| Yttrium | 89-1 | 19709901 | 19777358 | 19528198 | 19671819 | 0.66 | cps |
| Yttrium | 89-2 | 5455252 | 5406950 | 5464789 | 5442330 | 0.57 | cps |
| Zinc | 66-2 | 4616590 | 4653011 | 4551318 | 4606973 | 1.12 | cps |
| Zirconium | 90-1 | 94632 | 96970 | 97870 | 96491 | 1.73 | cps |
| Zirconium | 91-1 | 23228 | 23225 | 23058 | 23171 | 0.42 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:28:06 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 869636 | 854283 | 861766 | 861895 | 0.89 | cps |
| Antimony | 121-1 | 4871195 | 4905970 | 4927027 | 4901397 | 0.58 | cps |
| Arsenic | 75-2 | 652070 | 652554 | 651161 | 651928 | 0.11 | cps |
| Barium | 135-1 | 254602 | 256629 | 257079 | 256103 | 0.52 | cps |
| Barium | 137-1 | 443669 | 445678 | 450461 | 446603 | 0.78 | cps |
| Beryllium | 9-1 | 297 | 283 | 330 | 303 | 7.92 | cps |
| Bismuth | 209-1 | 10157255 | 10056213 | 8819668 | 9677712 | 7.70 | cps |
| Bismuth | 209-2 | 8525823 | 8529195 | 8425259 | 8493426 | 0.70 | cps |
| Bromine | 81-1 | 15942 | 15668 | 15548 | 15720 | 1.28 | cps |
| Bromine | 81-2 | 460 | 443 | 450 | 451 | 1.86 | cps |
| Cadmium | 108-1 | 413 | 423 | 490 | 442 | 9.42 | cps |
| Cadmium | 106-1 | 4944 | 5178 | 4351 | 4824 | 8.84 | cps |
| Cadmium | 111-1 | 3474 | 3653 | 3526 | 3551 | 2.59 | cps |
| Calcium | 43-1 | 213756 | 215224 | 214896 | 214626 | 0.36 | cps |
| Calcium | 44-1 | 3368638 | 3396033 | 3357332 | 3374001 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 27786 | 27388 | 27368 | 27514 | 0.86 | cps |
| Cobalt | 59-2 | 731338 | 727044 | 727123 | 728502 | 0.34 | cps |
| Copper | 63-2 | 2395695 | 2388674 | 2374961 | 2386443 | 0.44 | cps |
| Dysprosium | 156-1 | 3817 | 4017 | 3964 | 3933 | 2.63 | cps |
| Dysprosium | 156-2 | 3107 | 3224 | 3347 | 3226 | 3.72 | cps |
| Erbium | 164-1 | 4924 | 4898 | 4791 | 4871 | 1.45 | cps |
| Erbium | 164-2 | 3617 | 3774 | 3524 | 3638 | 3.47 | cps |
| Gadolinium | 160-1 | 3961 | 4017 | 4071 | 4016 | 1.37 | cps |
| Gadolinium | 160-2 | 3517 | 3427 | 3647 | 3530 | 3.13 | cps |
| Holmium | 165-1 | 16114716 | 16254867 | 14273154 | 15547579 | 7.11 | cps |
| Holmium | 165-2 | 11796871 | 11706722 | 11436142 | 11646578 | 1.61 | cps |
| Indium | 115-1 | 13621868 | 13697016 | 12208107 | 13175664 | 6.37 | cps |
| Indium | 115-2 | 5217042 | 5125044 | 5076923 | 5139670 | 1.39 | cps |
| Iron | 56-2 | 142606191 | 141987095 | 141921488 | 142171591 | 0.27 | cps |
| Iron | 57-2 | 3544822 | 3498007 | 3517236 | 3520022 | 0.67 | cps |
| Iron | 54-2 | 7706206 | 7666622 | 7725374 | 7699401 | 0.39 | cps |
| Krypton | 83-1 | 207 | 190 | 233 | 210 | 10.41 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:28:06 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6543876 | 6418981 | 6381046 | 6447968 | 1.32 | cps |
| Lead | 207-1 | 5737867 | 5686803 | 5725380 | 5716683 | 0.47 | cps |
| Lead | 208-1 | 26121645 | 25649711 | 25934401 | 25901919 | 0.92 | cps |
| Lithium | 6-1 | 1943445 | 1942191 | 1744668 | 1876768 | 6.10 | cps |
| Magnesium | 24-2 | 410647 | 407438 | 408080 | 408721 | 0.42 | cps |
| Manganese | 55-2 | 813577 | 801003 | 805124 | 806568 | 0.79 | cps |
| Molybdenum | 94-1 | 52534 | 53119 | 53318 | 52990 | 0.77 | cps |
| Molybdenum | 95-1 | 62727 | 62098 | 62784 | 62536 | 0.61 | cps |
| Molybdenum | 96-1 | 71283 | 72358 | 71792 | 71811 | 0.75 | cps |
| Molybdenum | 97-1 | 39624 | 39557 | 38821 | 39334 | 1.13 | cps |
| Molybdenum | 98-1 | 100493 | 101902 | 100902 | 101099 | 0.72 | cps |
| Neodymium | 150-1 | 5731 | 5558 | 5911 | 5733 | 3.08 | cps |
| Neodymium | 150-2 | 3764 | 3404 | 3387 | 3518 | 6.05 | cps |
| Nickel | 60-2 | 20017 | 19346 | 19479 | 19614 | 1.81 | cps |
| Phosphorus | 31-2 | 1110 | 1103 | 930 | 1048 | 9.74 | cps |
| Potassium | 39-2 | 839757 | 835419 | 836817 | 837331 | 0.26 | cps |
| Rhodium | 103-1 | 11745254 | 11969164 | 10445117 | 11386512 | 7.23 | cps |
| Rhodium | 103-2 | 7253857 | 7158149 | 7079828 | 7163945 | 1.22 | cps |
| Scandium | 45-1 | 6876263 | 6783813 | 5980937 | 6547004 | 7.52 | cps |
| Scandium | 45-2 | 601784 | 593221 | 587922 | 594309 | 1.18 | cps |
| Selenium | 82-1 | 311 | 292 | 237 | 280 | 13.88 | cps |
| Selenium | 77-2 | 17 | 20 | 27 | 21 | 24.12 | cps |
| Selenium | 78-2 | 567 | 513 | 450 | 510 | 11.45 | cps |
| Silicon | 28-1 | 13413125 | 13627357 | 13666353 | 13568945 | 1.00 | cps |
| Silver | 107-1 | 17945 | 17891 | 18212 | 18016 | 0.95 | cps |
| Silver | 109-1 | 16713 | 16917 | 17210 | 16947 | 1.48 | cps |
| Sodium | 23-2 | 1242652 | 1232380 | 1232747 | 1235927 | 0.47 | cps |
| Strontium | 86-1 | 112617 | 111733 | 112788 | 112379 | 0.50 | cps |
| Strontium | 88-1 | 977048 | 981487 | 982391 | 980309 | 0.29 | cps |
| Sulfur | 34-1 | 166894 | 170179 | 170206 | 169093 | 1.13 | cps |
| Terbium | 159-1 | 16529600 | 16325399 | 14450948 | 15768649 | 7.27 | cps |
| Terbium | 159-2 | 11549094 | 11430499 | 11236382 | 11405325 | 1.38 | cps |
| Thallium | 203-1 | 4041 | 3837 | 3771 | 3883 | 3.62 | cps |
| Thallium | 205-1 | 9350 | 8946 | 9096 | 9131 | 2.24 | cps |
| Tin | 118-1 | 1067669 | 1084845 | 1087706 | 1080073 | 1.00 | cps |
| Titanium | 47-1 | 152448 | 155627 | 154466 | 154180 | 1.04 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL3X10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-28 01:28:06 | DataFile Name : | 176SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20229 | 20703 | 20336 | 20422 | 1.22 | cps |
| Vanadium | 51-2 | 35017 | 35067 | 34356 | 34813 | 1.14 | cps |
| Yttrium | 89-1 | 19559237 | 19473032 | 16959899 | 18664056 | 7.91 | cps |
| Yttrium | 89-2 | 5491801 | 5333525 | 5300367 | 5375231 | 1.90 | cps |
| Zinc | 66-2 | 2312441 | 2270825 | 2292798 | 2292021 | 0.91 | cps |
| Zirconium | 90-1 | 46403 | 46600 | 48112 | 47038 | 1.99 | cps |
| Zirconium | 91-1 | 11188 | 11511 | 11481 | 11393 | 1.57 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL4X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:31:18 | DataFile Name : | 177SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 355328 | 356314 | 353662 | 355101 | 0.38 | cps |
| Antimony | 121-1 | 1979292 | 2012642 | 2016690 | 2002875 | 1.02 | cps |
| Arsenic | 75-2 | 270486 | 270924 | 268888 | 270099 | 0.40 | cps |
| Barium | 135-1 | 103596 | 104751 | 102767 | 103705 | 0.96 | cps |
| Barium | 137-1 | 183139 | 184122 | 182806 | 183355 | 0.37 | cps |
| Beryllium | 9-1 | 163 | 200 | 170 | 178 | 10.98 | cps |
| Bismuth | 209-1 | 9775105 | 9890195 | 9746905 | 9804068 | 0.77 | cps |
| Bismuth | 209-2 | 8312458 | 8383053 | 8408173 | 8367894 | 0.59 | cps |
| Bromine | 81-1 | 14410 | 14394 | 14928 | 14577 | 2.08 | cps |
| Bromine | 81-2 | 227 | 357 | 263 | 282 | 23.75 | cps |
| Cadmium | 108-1 | 160 | 230 | 170 | 187 | 20.28 | cps |
| Cadmium | 106-1 | 4621 | 4594 | 4501 | 4572 | 1.38 | cps |
| Cadmium | 111-1 | 2016 | 2081 | 2052 | 2050 | 1.60 | cps |
| Calcium | 43-1 | 88264 | 86763 | 88549 | 87859 | 1.09 | cps |
| Calcium | 44-1 | 1373753 | 1360910 | 1386698 | 1373787 | 0.94 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 12675 | 12525 | 12275 | 12492 | 1.62 | cps |
| Cobalt | 59-2 | 301504 | 299046 | 299315 | 299955 | 0.45 | cps |
| Copper | 63-2 | 963643 | 964458 | 955528 | 961210 | 0.51 | cps |
| Dysprosium | 156-1 | 1537 | 1683 | 1630 | 1617 | 4.59 | cps |
| Dysprosium | 156-2 | 1427 | 1390 | 1273 | 1363 | 5.87 | cps |
| Erbium | 164-1 | 2104 | 2104 | 1960 | 2056 | 4.03 | cps |
| Erbium | 164-2 | 1417 | 1583 | 1493 | 1498 | 5.57 | cps |
| Gadolinium | 160-1 | 1590 | 1597 | 1593 | 1593 | 0.21 | cps |
| Gadolinium | 160-2 | 1863 | 1743 | 1940 | 1849 | 5.36 | cps |
| Holmium | 165-1 | 15898008 | 16087437 | 15818363 | 15934603 | 0.87 | cps |
| Holmium | 165-2 | 11611674 | 11549700 | 11596957 | 11586110 | 0.28 | cps |
| Indium | 115-1 | 13364754 | 13144236 | 13271346 | 13260112 | 0.83 | cps |
| Indium | 115-2 | 4994998 | 4993664 | 4914875 | 4967846 | 0.92 | cps |
| Iron | 56-2 | 58311824 | 58112679 | 57222221 | 57882241 | 1.00 | cps |
| Iron | 57-2 | 1446847 | 1430887 | 1399330 | 1425688 | 1.70 | cps |
| Iron | 54-2 | 3179137 | 3133269 | 3136936 | 3149781 | 0.81 | cps |
| Krypton | 83-1 | 180 | 193 | 157 | 177 | 10.51 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL4X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:31:18 | DataFile Name : | 177SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2605110 | 2649958 | 2608012 | 2621027 | 0.96 | cps |
| Lead | 207-1 | 2254420 | 2309387 | 2307024 | 2290277 | 1.36 | cps |
| Lead | 208-1 | 10337754 | 10527286 | 10379933 | 10414991 | 0.96 | cps |
| Lithium | 6-1 | 1926838 | 1970690 | 1904628 | 1934052 | 1.74 | cps |
| Magnesium | 24-2 | 170334 | 168646 | 167830 | 168937 | 0.76 | cps |
| Manganese | 55-2 | 334692 | 331658 | 331915 | 332755 | 0.51 | cps |
| Molybdenum | 94-1 | 22317 | 21957 | 21576 | 21950 | 1.69 | cps |
| Molybdenum | 95-1 | 25222 | 25552 | 25576 | 25450 | 0.78 | cps |
| Molybdenum | 96-1 | 29089 | 29032 | 30081 | 29401 | 2.01 | cps |
| Molybdenum | 97-1 | 15435 | 16142 | 16216 | 15931 | 2.71 | cps |
| Molybdenum | 98-1 | 41482 | 41101 | 40656 | 41080 | 1.01 | cps |
| Neodymium | 150-1 | 2457 | 2364 | 2200 | 2340 | 5.55 | cps |
| Neodymium | 150-2 | 1503 | 1457 | 1360 | 1440 | 5.08 | cps |
| Nickel | 60-2 | 8336 | 8162 | 8189 | 8229 | 1.13 | cps |
| Phosphorus | 31-2 | 483 | 550 | 523 | 519 | 6.47 | cps |
| Potassium | 39-2 | 373717 | 375749 | 368343 | 372603 | 1.03 | cps |
| Rhodium | 103-1 | 11967444 | 11823593 | 11921179 | 11904072 | 0.62 | cps |
| Rhodium | 103-2 | 7195696 | 7155939 | 7160518 | 7170717 | 0.30 | cps |
| Scandium | 45-1 | 6843274 | 6806852 | 6750376 | 6800167 | 0.69 | cps |
| Scandium | 45-2 | 595264 | 594558 | 588540 | 592788 | 0.62 | cps |
| Selenium | 82-1 | 262 | 204 | 242 | 236 | 12.46 | cps |
| Selenium | 77-2 | 3 | 7 | 7 | 6 | 34.70 | cps |
| Selenium | 78-2 | 497 | 480 | 540 | 506 | 6.13 | cps |
| Silicon | 28-1 | 5852041 | 6004826 | 5908302 | 5921723 | 1.30 | cps |
| Silver | 107-1 | 7162 | 7702 | 7295 | 7386 | 3.81 | cps |
| Silver | 109-1 | 7065 | 6992 | 7138 | 7065 | 1.04 | cps |
| Sodium | 23-2 | 492335 | 491871 | 489342 | 491183 | 0.33 | cps |
| Strontium | 86-1 | 46343 | 45975 | 45955 | 46091 | 0.47 | cps |
| Strontium | 88-1 | 394313 | 399986 | 400169 | 398156 | 0.84 | cps |
| Sulfur | 34-1 | 149456 | 151741 | 152280 | 151159 | 0.99 | cps |
| Terbium | 159-1 | 16495576 | 16406535 | 16323822 | 16408644 | 0.52 | cps |
| Terbium | 159-2 | 11402728 | 11446234 | 11343486 | 11397483 | 0.45 | cps |
| Thallium | 203-1 | 1710 | 1663 | 1680 | 1685 | 1.40 | cps |
| Thallium | 205-1 | 4177 | 4064 | 4001 | 4081 | 2.19 | cps |
| Tin | 118-1 | 437978 | 443302 | 440177 | 440486 | 0.61 | cps |
| Titanium | 47-1 | 62719 | 63057 | 62639 | 62805 | 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 : | P5363-09DL4X25 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB6 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2024-12-28 01:31:18 | DataFile Name : | 177SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8073 | 8036 | 8216 | 8108 | 1.17 | cps |
| Vanadium | 51-2 | 14120 | 14147 | 14013 | 14093 | 0.50 | cps |
| Yttrium | 89-1 | 19483123 | 19284157 | 19221101 | 19329460 | 0.71 | cps |
| Yttrium | 89-2 | 5311501 | 5287162 | 5381274 | 5326646 | 0.92 | cps |
| Zinc | 66-2 | 926090 | 929762 | 915387 | 923746 | 0.81 | cps |
| Zirconium | 90-1 | 19817 | 19977 | 20588 | 20127 | 2.02 | cps |
| Zirconium | 91-1 | 4694 | 4447 | 4567 | 4570 | 2.70 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:34:29 | DataFile Name : | 178SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4375967 | 4389054 | 4414942 | 4393321 | 0.45 | cps |
| Antimony | 121-1 | 27565015 | 27719160 | 27910773 | 27731649 | 0.62 | cps |
| Arsenic | 75-2 | 4030848 | 4047796 | 4045983 | 4041543 | 0.23 | cps |
| Barium | 135-1 | 689430 | 703660 | 700589 | 697893 | 1.07 | cps |
| Barium | 137-1 | 1204439 | 1214098 | 1213209 | 1210582 | 0.44 | cps |
| Beryllium | 9-1 | 2254 | 2100 | 2210 | 2188 | 3.61 | cps |
| Bismuth | 209-1 | 10557969 | 10177942 | 10309869 | 10348594 | 1.86 | cps |
| Bismuth | 209-2 | 8781998 | 8981064 | 8829033 | 8864032 | 1.17 | cps |
| Bromine | 81-1 | 38226 | 40743 | 40910 | 39960 | 3.76 | cps |
| Bromine | 81-2 | 5661 | 5678 | 5551 | 5630 | 1.22 | cps |
| Cadmium | 108-1 | 7839 | 8149 | 7822 | 7937 | 2.32 | cps |
| Cadmium | 106-1 | 15408 | 15685 | 16156 | 15750 | 2.40 | cps |
| Cadmium | 111-1 | 90783 | 91994 | 91799 | 91525 | 0.71 | cps |
| Calcium | 43-1 | 1550426 | 1559460 | 1554263 | 1554716 | 0.29 | cps |
| Calcium | 44-1 | 24598430 | 25150570 | 24988787 | 24912596 | 1.14 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1834385 | 1791558 | 1796609 | 1807517 | 1.29 | cps |
| Cobalt | 59-2 | 4846950 | 4861530 | 4890838 | 4866440 | 0.46 | cps |
| Copper | 63-2 | 12668641 | 12750151 | 12668503 | 12695765 | 0.37 | cps |
| Dysprosium | 156-1 | 29103 | 29401 | 29945 | 29483 | 1.45 | cps |
| Dysprosium | 156-2 | 25386 | 25143 | 24628 | 25052 | 1.54 | cps |
| Erbium | 164-1 | 28669 | 28519 | 28877 | 28688 | 0.63 | cps |
| Erbium | 164-2 | 21296 | 21199 | 20549 | 21015 | 1.93 | cps |
| Gadolinium | 160-1 | 27975 | 28930 | 28683 | 28529 | 1.74 | cps |
| Gadolinium | 160-2 | 21660 | 22308 | 22428 | 22132 | 1.87 | cps |
| Holmium | 165-1 | 16768691 | 16544244 | 16686091 | 16666342 | 0.68 | cps |
| Holmium | 165-2 | 12142006 | 12332064 | 12174299 | 12216123 | 0.83 | cps |
| Indium | 115-1 | 15565054 | 15329953 | 15520042 | 15471683 | 0.81 | cps |
| Indium | 115-2 | 5879607 | 5846280 | 5874823 | 5866903 | 0.31 | cps |
| Iron | 56-2 | 836590334 | 837823481 | 830157828 | 834857214 | 0.49 | cps |
| Iron | 57-2 | 20640177 | 20616686 | 20611641 | 20622834 | 0.07 | cps |
| Iron | 54-2 | 45200714 | 45471336 | 45023784 | 45231945 | 0.50 | cps |
| Krypton | 83-1 | 240 | 243 | 330 | 271 | 18.82 | cps |

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On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:34:29 | DataFile Name : | 178SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 34761029 | 35331677 | 35190757 | 35094488 | 0.85 | cps |
| Lead | 207-1 | 30611711 | 30629550 | 30727208 | 30656156 | 0.20 | cps |
| Lead | 208-1 | 139877220 | 139628981 | 139927840 | 139811347 | 0.11 | cps |
| Lithium | 6-1 | 2058095 | 2036806 | 2041617 | 2045506 | 0.55 | cps |
| Magnesium | 24-2 | 3071120 | 3151892 | 3061581 | 3094864 | 1.60 | cps |
| Manganese | 55-2 | 2958676 | 2935554 | 2978935 | 2957722 | 0.73 | cps |
| Molybdenum | 94-1 | 1653434 | 1697762 | 1705479 | 1685558 | 1.67 | cps |
| Molybdenum | 95-1 | 2715004 | 2723084 | 2760650 | 2732912 | 0.89 | cps |
| Molybdenum | 96-1 | 2980386 | 3007959 | 3033692 | 3007346 | 0.89 | cps |
| Molybdenum | 97-1 | 1697505 | 1751637 | 1711250 | 1720130 | 1.64 | cps |
| Molybdenum | 98-1 | 4422800 | 4463754 | 4437279 | 4441278 | 0.47 | cps |
| Neodymium | 150-1 | 44650 | 46259 | 45965 | 45625 | 1.88 | cps |
| Neodymium | 150-2 | 28128 | 28279 | 28255 | 28221 | 0.29 | cps |
| Nickel | 60-2 | 155001 | 154869 | 154533 | 154801 | 0.16 | cps |
| Phosphorus | 31-2 | 14240 | 14323 | 14213 | 14259 | 0.40 | cps |
| Potassium | 39-2 | 2242796 | 2188768 | 2168253 | 2199939 | 1.75 | cps |
| Rhodium | 103-1 | 12290044 | 12102488 | 12326186 | 12239573 | 0.98 | cps |
| Rhodium | 103-2 | 7439589 | 7468134 | 7435939 | 7447887 | 0.24 | cps |
| Scandium | 45-1 | 7310711 | 7188187 | 7224960 | 7241286 | 0.87 | cps |
| Scandium | 45-2 | 641054 | 636827 | 638136 | 638672 | 0.34 | cps |
| Selenium | 82-1 | 2942 | 3003 | 2999 | 2982 | 1.15 | cps |
| Selenium | 77-2 | 423 | 340 | 343 | 369 | 12.79 | cps |
| Selenium | 78-2 | 1550 | 1500 | 1493 | 1515 | 2.05 | cps |
| Silicon | 28-1 | 56632894 | 56715287 | 57177119 | 56841767 | 0.52 | cps |
| Silver | 107-1 | 83733 | 82989 | 83515 | 83412 | 0.46 | cps |
| Silver | 109-1 | 78025 | 78870 | 79322 | 78739 | 0.84 | cps |
| Sodium | 23-2 | 8723410 | 8782128 | 8761114 | 8755551 | 0.34 | cps |
| Strontium | 86-1 | 923615 | 945616 | 939311 | 936181 | 1.21 | cps |
| Strontium | 88-1 | 8390419 | 8493468 | 8363293 | 8415727 | 0.82 | cps |
| Sulfur | 34-1 | 345430 | 352085 | 355206 | 350907 | 1.42 | cps |
| Terbium | 159-1 | 17187827 | 16984941 | 17262090 | 17144953 | 0.84 | cps |
| Terbium | 159-2 | 12012116 | 11920616 | 11786341 | 11906358 | 0.95 | cps |
| Thallium | 203-1 | 129505 | 131958 | 132372 | 131278 | 1.18 | cps |
| Thallium | 205-1 | 309105 | 313195 | 313106 | 311802 | 0.75 | cps |
| Tin | 118-1 | 5122295 | 5202438 | 5203698 | 5176144 | 0.90 | cps |
| Titanium | 47-1 | 1128296 | 1153868 | 1157673 | 1146613 | 1.39 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:34:29 | DataFile Name : | 178SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 188122 | 190237 | 189256 | 189205 | 0.56 | cps |
| Vanadium | 51-2 | 203767 | 204766 | 205533 | 204689 | 0.43 | cps |
| Yttrium | 89-1 | 20841324 | 20624394 | 20637288 | 20701002 | 0.59 | cps |
| Yttrium | 89-2 | 5839425 | 5809479 | 5816602 | 5821835 | 0.27 | cps |
| Zinc | 66-2 | 11996074 | 11776172 | 11772336 | 11848194 | 1.08 | cps |
| Zirconium | 90-1 | 382372 | 392013 | 393017 | 389134 | 1.51 | cps |
| Zirconium | 91-1 | 91392 | 91308 | 91754 | 91485 | 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 : | P5266-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:37:25 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3153861 | 3205813 | 3198650 | 3186108 | 0.88 | cps |
| Antimony | 121-1 | 71305 | 69299 | 69812 | 70139 | 1.49 | cps |
| Arsenic | 75-2 | 31263 | 31714 | 31654 | 31544 | 0.78 | cps |
| Barium | 135-1 | 584948 | 582452 | 579073 | 582158 | 0.51 | cps |
| Barium | 137-1 | 1022797 | 1012652 | 1008281 | 1014576 | 0.73 | cps |
| Beryllium | 9-1 | 1410 | 1363 | 1413 | 1396 | 2.00 | cps |
| Bismuth | 209-1 | 9969739 | 10010468 | 10016711 | 9998973 | 0.26 | cps |
| Bismuth | 209-2 | 8320325 | 8337724 | 8398121 | 8352057 | 0.49 | cps |
| Bromine | 81-1 | 18545 | 17828 | 17707 | 18027 | 2.51 | cps |
| Bromine | 81-2 | 940 | 923 | 927 | 930 | 0.95 | cps |
| Cadmium | 108-1 | 1070 | 1203 | 1090 | 1121 | 6.41 | cps |
| Cadmium | 106-1 | 6722 | 6645 | 6455 | 6607 | 2.08 | cps |
| Cadmium | 111-1 | 16097 | 15726 | 15915 | 15912 | 1.17 | cps |
| Calcium | 43-1 | 2295374 | 2317784 | 2257362 | 2290173 | 1.33 | cps |
| Calcium | 44-1 | 37094209 | 36725599 | 36474019 | 36764609 | 0.85 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 212269 | 213888 | 212755 | 212971 | 0.39 | cps |
| Cobalt | 59-2 | 136477 | 136335 | 136604 | 136472 | 0.10 | cps |
| Copper | 63-2 | 233628 | 233693 | 234288 | 233870 | 0.16 | cps |
| Dysprosium | 156-1 | 56122 | 56081 | 56295 | 56166 | 0.20 | cps |
| Dysprosium | 156-2 | 46249 | 46477 | 46182 | 46303 | 0.33 | cps |
| Erbium | 164-1 | 48514 | 48624 | 48745 | 48628 | 0.24 | cps |
| Erbium | 164-2 | 34613 | 34359 | 34245 | 34406 | 0.55 | cps |
| Gadolinium | 160-1 | 54961 | 55275 | 55864 | 55367 | 0.83 | cps |
| Gadolinium | 160-2 | 41675 | 41053 | 41983 | 41570 | 1.14 | cps |
| Holmium | 165-1 | 16658602 | 16500570 | 16774849 | 16644674 | 0.83 | cps |
| Holmium | 165-2 | 11674314 | 11798949 | 11650543 | 11707935 | 0.68 | cps |
| Indium | 115-1 | 13261416 | 12970779 | 12919430 | 13050542 | 1.41 | cps |
| Indium | 115-2 | 4691854 | 4674969 | 4748196 | 4705006 | 0.81 | cps |
| Iron | 56-2 | 187831831 | 187551051 | 188647011 | 188009964 | 0.30 | cps |
| Iron | 57-2 | 4691821 | 4648011 | 4680259 | 4673364 | 0.49 | cps |
| Iron | 54-2 | 10149398 | 10117573 | 10227761 | 10164911 | 0.56 | cps |
| Krypton | 83-1 | 287 | 307 | 270 | 288 | 6.38 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:37:25 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 824642 | 830652 | 834766 | 830020 | 0.61 | cps |
| Lead | 207-1 | 670146 | 675375 | 675961 | 673827 | 0.48 | cps |
| Lead | 208-1 | 3152903 | 3170250 | 3175197 | 3166117 | 0.37 | cps |
| Lithium | 6-1 | 2004600 | 2046095 | 2017253 | 2022650 | 1.05 | cps |
| Magnesium | 24-2 | 14193786 | 14067834 | 14092753 | 14118124 | 0.47 | cps |
| Manganese | 55-2 | 6211106 | 6178836 | 6322556 | 6237499 | 1.21 | cps |
| Molybdenum | 94-1 | 41843 | 41275 | 41632 | 41583 | 0.69 | cps |
| Molybdenum | 95-1 | 23352 | 23011 | 22985 | 23116 | 0.89 | cps |
| Molybdenum | 96-1 | 32202 | 32566 | 30919 | 31896 | 2.71 | cps |
| Molybdenum | 97-1 | 14517 | 14134 | 14447 | 14366 | 1.42 | cps |
| Molybdenum | 98-1 | 37548 | 38090 | 36596 | 37411 | 2.02 | cps |
| Neodymium | 150-1 | 87191 | 87946 | 87627 | 87588 | 0.43 | cps |
| Neodymium | 150-2 | 52685 | 52915 | 51811 | 52470 | 1.11 | cps |
| Nickel | 60-2 | 102890 | 102013 | 103342 | 102748 | 0.66 | cps |
| Phosphorus | 31-2 | 12408 | 12235 | 11898 | 12180 | 2.13 | cps |
| Potassium | 39-2 | 1166609 | 1161061 | 1169727 | 1165799 | 0.38 | cps |
| Rhodium | 103-1 | 12009201 | 11792941 | 11744236 | 11848793 | 1.19 | cps |
| Rhodium | 103-2 | 7044633 | 6897220 | 6990173 | 6977342 | 1.07 | cps |
| Scandium | 45-1 | 6982924 | 6801891 | 6784892 | 6856569 | 1.60 | cps |
| Scandium | 45-2 | 577902 | 573299 | 579371 | 576857 | 0.55 | cps |
| Selenium | 82-1 | 2620 | 2521 | 2484 | 2542 | 2.77 | cps |
| Selenium | 77-2 | 397 | 347 | 440 | 394 | 11.84 | cps |
| Selenium | 78-2 | 1277 | 1367 | 1187 | 1277 | 7.05 | cps |
| Silicon | 28-1 | 29268592 | 28930426 | 28463967 | 28887662 | 1.40 | cps |
| Silver | 107-1 | 5358 | 4861 | 4954 | 5058 | 5.22 | cps |
| Silver | 109-1 | 5058 | 4614 | 4574 | 4749 | 5.65 | cps |
| Sodium | 23-2 | 150662 | 151974 | 151510 | 151382 | 0.44 | cps |
| Strontium | 86-1 | 299177 | 301777 | 297563 | 299506 | 0.71 | cps |
| Strontium | 88-1 | 2666403 | 2654258 | 2670681 | 2663781 | 0.32 | cps |
| Sulfur | 34-1 | 228321 | 224353 | 222797 | 225157 | 1.27 | cps |
| Terbium | 159-1 | 16906942 | 16950242 | 16815554 | 16890913 | 0.41 | cps |
| Terbium | 159-2 | 11398277 | 11550634 | 11466475 | 11471795 | 0.67 | cps |
| Thallium | 203-1 | 32545 | 32105 | 32332 | 32327 | 0.68 | cps |
| Thallium | 205-1 | 77070 | 76363 | 76279 | 76571 | 0.57 | cps |
| Tin | 118-1 | 18205 | 18268 | 18388 | 18287 | 0.51 | cps |
| Titanium | 47-1 | 320909 | 318926 | 311689 | 317175 | 1.53 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:37:25 | DataFile Name : | 179SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43324 | 44270 | 44407 | 44000 | 1.34 | cps |
| Vanadium | 51-2 | 158257 | 158613 | 160152 | 159007 | 0.63 | cps |
| Yttrium | 89-1 | 20630947 | 20060083 | 20186799 | 20292610 | 1.48 | cps |
| Yttrium | 89-2 | 5398212 | 5432967 | 5376285 | 5402488 | 0.53 | cps |
| Zinc | 66-2 | 586351 | 583361 | 583711 | 584475 | 0.28 | cps |
| Zirconium | 90-1 | 77382 | 76974 | 76685 | 77014 | 0.45 | cps |
| Zirconium | 91-1 | 17397 | 17240 | 17170 | 17269 | 0.67 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:40:37 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6026755 | 6092557 | 5961974 | 6027095 | 1.08 | cps |
| Antimony | 121-1 | 47421 | 47528 | 47786 | 47578 | 0.39 | cps |
| Arsenic | 75-2 | 35843 | 35262 | 35840 | 35648 | 0.94 | cps |
| Barium | 135-1 | 808949 | 809350 | 801634 | 806644 | 0.54 | cps |
| Barium | 137-1 | 1399922 | 1407310 | 1396302 | 1401178 | 0.40 | cps |
| Beryllium | 9-1 | 2067 | 2000 | 1953 | 2007 | 2.84 | cps |
| Bismuth | 209-1 | 10007949 | 10080313 | 9928427 | 10005563 | 0.76 | cps |
| Bismuth | 209-2 | 8343510 | 8273228 | 8354103 | 8323613 | 0.53 | cps |
| Bromine | 81-1 | 15068 | 15325 | 15175 | 15189 | 0.85 | cps |
| Bromine | 81-2 | 533 | 553 | 523 | 537 | 2.85 | cps |
| Cadmium | 108-1 | 280 | 260 | 210 | 250 | 14.42 | cps |
| Cadmium | 106-1 | 5328 | 5154 | 5294 | 5259 | 1.75 | cps |
| Cadmium | 111-1 | 2579 | 2602 | 2578 | 2586 | 0.54 | cps |
| Calcium | 43-1 | 2814486 | 2850093 | 2807462 | 2824014 | 0.81 | cps |
| Calcium | 44-1 | 45537086 | 45621516 | 45078124 | 45412242 | 0.64 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 209261 | 212562 | 210961 | 210928 | 0.78 | cps |
| Cobalt | 59-2 | 211295 | 209109 | 209586 | 209997 | 0.55 | cps |
| Copper | 63-2 | 266178 | 265459 | 264149 | 265262 | 0.39 | cps |
| Dysprosium | 156-1 | 80200 | 81132 | 78793 | 80042 | 1.47 | cps |
| Dysprosium | 156-2 | 64514 | 65187 | 64500 | 64734 | 0.61 | cps |
| Erbium | 164-1 | 66581 | 68550 | 67917 | 67683 | 1.49 | cps |
| Erbium | 164-2 | 48333 | 47544 | 48467 | 48115 | 1.04 | cps |
| Gadolinium | 160-1 | 78109 | 81069 | 79899 | 79693 | 1.87 | cps |
| Gadolinium | 160-2 | 60155 | 60081 | 59392 | 59876 | 0.70 | cps |
| Holmium | 165-1 | 16622021 | 16641846 | 16473177 | 16579015 | 0.56 | cps |
| Holmium | 165-2 | 11694750 | 11786005 | 11807736 | 11762831 | 0.51 | cps |
| Indium | 115-1 | 12797032 | 12964407 | 12797694 | 12853045 | 0.75 | cps |
| Indium | 115-2 | 4717774 | 4679955 | 4656478 | 4684736 | 0.66 | cps |
| Iron | 56-2 | 236941296 | 235947696 | 236093523 | 236327505 | 0.23 | cps |
| Iron | 57-2 | 6059061 | 5885388 | 5876219 | 5940223 | 1.73 | cps |
| Iron | 54-2 | 12894265 | 12903210 | 12760527 | 12852667 | 0.62 | cps |
| Krypton | 83-1 | 330 | 257 | 277 | 288 | 13.17 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:40:37 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 362861 | 367570 | 367231 | 365887 | 0.72 | cps |
| Lead | 207-1 | 294979 | 294913 | 295260 | 295051 | 0.06 | cps |
| Lead | 208-1 | 1382188 | 1393870 | 1395722 | 1390593 | 0.53 | cps |
| Lithium | 6-1 | 2028182 | 1983365 | 2015196 | 2008914 | 1.15 | cps |
| Magnesium | 24-2 | 15129473 | 15197037 | 15059802 | 15128771 | 0.45 | cps |
| Manganese | 55-2 | 3813626 | 3769950 | 3735498 | 3773024 | 1.04 | cps |
| Molybdenum | 94-1 | 62472 | 63966 | 63482 | 63307 | 1.20 | cps |
| Molybdenum | 95-1 | 18035 | 17400 | 17748 | 17727 | 1.79 | cps |
| Molybdenum | 96-1 | 30432 | 30398 | 31441 | 30757 | 1.93 | cps |
| Molybdenum | 97-1 | 11151 | 10771 | 10887 | 10936 | 1.78 | cps |
| Molybdenum | 98-1 | 28919 | 28321 | 28257 | 28499 | 1.28 | cps |
| Neodymium | 150-1 | 124127 | 122803 | 123256 | 123395 | 0.55 | cps |
| Neodymium | 150-2 | 75125 | 74267 | 73634 | 74342 | 1.01 | cps |
| Nickel | 60-2 | 136450 | 135347 | 135351 | 135716 | 0.47 | cps |
| Phosphorus | 31-2 | 13306 | 13112 | 13619 | 13346 | 1.92 | cps |
| Potassium | 39-2 | 2122619 | 2002212 | 1970737 | 2031856 | 3.95 | cps |
| Rhodium | 103-1 | 11656652 | 11622702 | 11574769 | 11618041 | 0.35 | cps |
| Rhodium | 103-2 | 6976839 | 6910326 | 6856253 | 6914473 | 0.87 | cps |
| Scandium | 45-1 | 6879921 | 6757257 | 6733096 | 6790091 | 1.16 | cps |
| Scandium | 45-2 | 577956 | 579453 | 575266 | 577558 | 0.37 | cps |
| Selenium | 82-1 | 2496 | 2449 | 2407 | 2451 | 1.81 | cps |
| Selenium | 77-2 | 407 | 407 | 433 | 416 | 3.70 | cps |
| Selenium | 78-2 | 1160 | 1323 | 1280 | 1255 | 6.75 | cps |
| Silicon | 28-1 | 10861234 | 12110509 | 9668300 | 10880014 | 11.22 | cps |
| Silver | 107-1 | 2267 | 2197 | 2327 | 2264 | 2.88 | cps |
| Silver | 109-1 | 2097 | 2014 | 1987 | 2032 | 2.82 | cps |
| Sodium | 23-2 | 207476 | 208893 | 206665 | 207678 | 0.54 | cps |
| Strontium | 86-1 | 495761 | 498809 | 497351 | 497307 | 0.31 | cps |
| Strontium | 88-1 | 4554144 | 4497847 | 4464616 | 4505536 | 1.00 | cps |
| Sulfur | 34-1 | 229701 | 232488 | 229757 | 230649 | 0.69 | cps |
| Terbium | 159-1 | 17071128 | 16785567 | 16952026 | 16936240 | 0.85 | cps |
| Terbium | 159-2 | 11706032 | 11527820 | 11558558 | 11597470 | 0.82 | cps |
| Thallium | 203-1 | 31687 | 31583 | 31994 | 31755 | 0.67 | cps |
| Thallium | 205-1 | 74727 | 75236 | 75612 | 75192 | 0.59 | cps |
| Tin | 118-1 | 12756 | 12562 | 12572 | 12630 | 0.86 | cps |
| Titanium | 47-1 | 364943 | 361880 | 363042 | 363289 | 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 : | P5352-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:40:37 | DataFile Name : | 180SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 70449 | 70620 | 69132 | 70067 | 1.16 | cps |
| Vanadium | 51-2 | 228234 | 227221 | 226835 | 227430 | 0.32 | cps |
| Yttrium | 89-1 | 20536330 | 20267755 | 20131959 | 20312014 | 1.01 | cps |
| Yttrium | 89-2 | 5477651 | 5475874 | 5405694 | 5453073 | 0.75 | cps |
| Zinc | 66-2 | 149224 | 149576 | 146921 | 148574 | 0.97 | cps |
| Zirconium | 90-1 | 145412 | 144545 | 160929 | 150295 | 6.13 | cps |
| Zirconium | 91-1 | 31524 | 30829 | 30485 | 30946 | 1.71 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:43:51 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7942154 | 7820844 | 7790572 | 7851190 | 1.02 | cps |
| Antimony | 121-1 | 47488 | 47919 | 47789 | 47732 | 0.46 | cps |
| Arsenic | 75-2 | 18218 | 17711 | 18281 | 18070 | 1.73 | cps |
| Barium | 135-1 | 322844 | 325351 | 325674 | 324623 | 0.48 | cps |
| Barium | 137-1 | 560475 | 571115 | 568606 | 566732 | 0.98 | cps |
| Beryllium | 9-1 | 1473 | 1617 | 1577 | 1556 | 4.75 | cps |
| Bismuth | 209-1 | 10230388 | 10153342 | 9920498 | 10101409 | 1.60 | cps |
| Bismuth | 209-2 | 8470484 | 8565407 | 8565116 | 8533669 | 0.64 | cps |
| Bromine | 81-1 | 18211 | 20057 | 19576 | 19282 | 4.97 | cps |
| Bromine | 81-2 | 1223 | 1183 | 1327 | 1245 | 5.94 | cps |
| Cadmium | 108-1 | 777 | 670 | 787 | 744 | 8.69 | cps |
| Cadmium | 106-1 | 5935 | 6371 | 6105 | 6137 | 3.59 | cps |
| Cadmium | 111-1 | 10521 | 10952 | 10669 | 10714 | 2.04 | cps |
| Calcium | 43-1 | 414676 | 428805 | 428156 | 423879 | 1.88 | cps |
| Calcium | 44-1 | 6548516 | 6728834 | 6677545 | 6651632 | 1.40 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 161777 | 159786 | 160948 | 160837 | 0.62 | cps |
| Cobalt | 59-2 | 261463 | 258951 | 263622 | 261345 | 0.89 | cps |
| Copper | 63-2 | 556648 | 550768 | 553300 | 553572 | 0.53 | cps |
| Dysprosium | 156-1 | 48727 | 49065 | 49246 | 49013 | 0.54 | cps |
| Dysprosium | 156-2 | 39445 | 40264 | 41488 | 40399 | 2.54 | cps |
| Erbium | 164-1 | 48979 | 50401 | 51033 | 50137 | 2.10 | cps |
| Erbium | 164-2 | 36341 | 35916 | 36103 | 36120 | 0.59 | cps |
| Gadolinium | 160-1 | 48233 | 48657 | 48694 | 48528 | 0.53 | cps |
| Gadolinium | 160-2 | 36050 | 37203 | 36872 | 36708 | 1.62 | cps |
| Holmium | 165-1 | 16778814 | 16628902 | 16647260 | 16684992 | 0.49 | cps |
| Holmium | 165-2 | 12063448 | 12100506 | 11977378 | 12047111 | 0.52 | cps |
| Indium | 115-1 | 13342178 | 13415862 | 13357715 | 13371918 | 0.29 | cps |
| Indium | 115-2 | 5004976 | 5000655 | 4976377 | 4994003 | 0.31 | cps |
| Iron | 56-2 | 247533010 | 245521796 | 246947930 | 246667579 | 0.42 | cps |
| Iron | 57-2 | 6103438 | 6077217 | 6014731 | 6065129 | 0.75 | cps |
| Iron | 54-2 | 13303586 | 13397009 | 13405269 | 13368621 | 0.42 | cps |
| Krypton | 83-1 | 240 | 267 | 290 | 266 | 9.42 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:43:51 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 959208 | 961837 | 950744 | 957263 | 0.61 | cps |
| Lead | 207-1 | 800856 | 806362 | 802977 | 803398 | 0.35 | cps |
| Lead | 208-1 | 3864280 | 3823145 | 3841027 | 3842817 | 0.54 | cps |
| Lithium | 6-1 | 2026446 | 2053092 | 2005168 | 2028235 | 1.18 | cps |
| Magnesium | 24-2 | 6215750 | 6215204 | 6212953 | 6214636 | 0.02 | cps |
| Manganese | 55-2 | 3617780 | 3591964 | 3605259 | 3605001 | 0.36 | cps |
| Molybdenum | 94-1 | 42435 | 44106 | 43056 | 43199 | 1.96 | cps |
| Molybdenum | 95-1 | 5461 | 5471 | 5378 | 5437 | 0.94 | cps |
| Molybdenum | 96-1 | 14387 | 15378 | 16112 | 15293 | 5.66 | cps |
| Molybdenum | 97-1 | 3384 | 3460 | 3494 | 3446 | 1.64 | cps |
| Molybdenum | 98-1 | 8496 | 8429 | 8766 | 8564 | 2.08 | cps |
| Neodymium | 150-1 | 70012 | 72317 | 71902 | 71411 | 1.72 | cps |
| Neodymium | 150-2 | 45075 | 44012 | 43764 | 44284 | 1.57 | cps |
| Nickel | 60-2 | 82465 | 83098 | 82572 | 82712 | 0.41 | cps |
| Phosphorus | 31-2 | 10807 | 11007 | 11154 | 10990 | 1.58 | cps |
| Potassium | 39-2 | 616537 | 614046 | 614779 | 615121 | 0.21 | cps |
| Rhodium | 103-1 | 12034379 | 12314660 | 12306291 | 12218443 | 1.31 | cps |
| Rhodium | 103-2 | 7531700 | 7475381 | 7404078 | 7470386 | 0.86 | cps |
| Scandium | 45-1 | 7116632 | 7111040 | 7199132 | 7142268 | 0.69 | cps |
| Scandium | 45-2 | 644462 | 638207 | 639642 | 640770 | 0.51 | cps |
| Selenium | 82-1 | 2512 | 2545 | 2560 | 2539 | 0.96 | cps |
| Selenium | 77-2 | 427 | 397 | 370 | 398 | 7.13 | cps |
| Selenium | 78-2 | 1420 | 1457 | 1513 | 1463 | 3.21 | cps |
| Silicon | 28-1 | 13467333 | 14105243 | 13321921 | 13631499 | 3.06 | cps |
| Silver | 107-1 | 1230 | 1367 | 1307 | 1301 | 5.27 | cps |
| Silver | 109-1 | 1270 | 1070 | 1137 | 1159 | 8.79 | cps |
| Sodium | 23-2 | 210285 | 210842 | 211636 | 210921 | 0.32 | cps |
| Strontium | 86-1 | 291684 | 296812 | 298441 | 295646 | 1.19 | cps |
| Strontium | 88-1 | 2629834 | 2718254 | 2694702 | 2680930 | 1.71 | cps |
| Sulfur | 34-1 | 179271 | 175491 | 172532 | 175765 | 1.92 | cps |
| Terbium | 159-1 | 17036954 | 17158629 | 16806616 | 17000733 | 1.05 | cps |
| Terbium | 159-2 | 11939656 | 11930549 | 11641814 | 11837340 | 1.43 | cps |
| Thallium | 203-1 | 33357 | 33916 | 34580 | 33951 | 1.80 | cps |
| Thallium | 205-1 | 80520 | 80144 | 80406 | 80356 | 0.24 | cps |
| Tin | 118-1 | 20468 | 21179 | 21630 | 21092 | 2.78 | cps |
| Titanium | 47-1 | 371827 | 381228 | 386267 | 379774 | 1.93 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:43:51 | DataFile Name : | 181SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39606 | 38606 | 39763 | 39325 | 1.60 | cps |
| Vanadium | 51-2 | 553723 | 552065 | 550796 | 552195 | 0.27 | cps |
| Yttrium | 89-1 | 20632023 | 21132494 | 20872118 | 20878878 | 1.20 | cps |
| Yttrium | 89-2 | 5836817 | 5773810 | 5761926 | 5790851 | 0.70 | cps |
| Zinc | 66-2 | 121405 | 122396 | 122322 | 122041 | 0.45 | cps |
| Zirconium | 90-1 | 110936 | 108744 | 109669 | 109783 | 1.00 | cps |
| Zirconium | 91-1 | 23526 | 24808 | 25392 | 24575 | 3.89 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:47:04 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5251877 | 5271528 | 5245122 | 5256176 | 0.26 | cps |
| Antimony | 121-1 | 57290 | 57317 | 56989 | 57199 | 0.32 | cps |
| Arsenic | 75-2 | 145781 | 145044 | 145801 | 145542 | 0.30 | cps |
| Barium | 135-1 | 457479 | 456275 | 453397 | 455717 | 0.46 | cps |
| Barium | 137-1 | 800141 | 796062 | 790221 | 795475 | 0.63 | cps |
| Beryllium | 9-1 | 1117 | 1160 | 1007 | 1094 | 7.22 | cps |
| Bismuth | 209-1 | 9951674 | 9960706 | 9607256 | 9839879 | 2.05 | cps |
| Bismuth | 209-2 | 8318681 | 8353375 | 8376060 | 8349372 | 0.35 | cps |
| Bromine | 81-1 | 14821 | 14918 | 15114 | 14951 | 1.00 | cps |
| Bromine | 81-2 | 450 | 413 | 367 | 410 | 10.19 | cps |
| Cadmium | 108-1 | 1167 | 1077 | 1190 | 1145 | 5.23 | cps |
| Cadmium | 106-1 | 7595 | 7395 | 7028 | 7340 | 3.92 | cps |
| Cadmium | 111-1 | 7830 | 7816 | 7210 | 7619 | 4.65 | cps |
| Calcium | 43-1 | 429910 | 435031 | 434679 | 433206 | 0.66 | cps |
| Calcium | 44-1 | 6785068 | 6801197 | 6725606 | 6770624 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 128579 | 127990 | 129406 | 128658 | 0.55 | cps |
| Cobalt | 59-2 | 185902 | 185180 | 185359 | 185480 | 0.20 | cps |
| Copper | 63-2 | 337856 | 337867 | 338578 | 338100 | 0.12 | cps |
| Dysprosium | 156-1 | 103921 | 103074 | 102507 | 103167 | 0.69 | cps |
| Dysprosium | 156-2 | 82916 | 83278 | 84237 | 83477 | 0.82 | cps |
| Erbium | 164-1 | 102469 | 102989 | 104178 | 103212 | 0.85 | cps |
| Erbium | 164-2 | 73613 | 73619 | 73167 | 73466 | 0.35 | cps |
| Gadolinium | 160-1 | 105513 | 106165 | 105728 | 105802 | 0.31 | cps |
| Gadolinium | 160-2 | 78729 | 79430 | 78475 | 78878 | 0.63 | cps |
| Holmium | 165-1 | 16623222 | 16465895 | 16330186 | 16473101 | 0.89 | cps |
| Holmium | 165-2 | 11666804 | 11750051 | 11627172 | 11681342 | 0.54 | cps |
| Indium | 115-1 | 13072922 | 12957807 | 12820834 | 12950521 | 0.97 | cps |
| Indium | 115-2 | 4771596 | 4751441 | 4783185 | 4768741 | 0.34 | cps |
| Iron | 56-2 | 244246203 | 244990270 | 244585270 | 244607247 | 0.15 | cps |
| Iron | 57-2 | 6042209 | 6022551 | 5998047 | 6020936 | 0.37 | cps |
| Iron | 54-2 | 13346471 | 13104874 | 13231887 | 13227744 | 0.91 | cps |
| Krypton | 83-1 | 317 | 357 | 250 | 308 | 17.51 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:47:04 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 395961 | 395767 | 394284 | 395337 | 0.23 | cps |
| Lead | 207-1 | 332543 | 335777 | 333824 | 334048 | 0.49 | cps |
| Lead | 208-1 | 1541617 | 1549586 | 1540831 | 1544011 | 0.31 | cps |
| Lithium | 6-1 | 1977569 | 1956880 | 1939888 | 1958112 | 0.96 | cps |
| Magnesium | 24-2 | 5479306 | 5561964 | 5554703 | 5531991 | 0.83 | cps |
| Manganese | 55-2 | 3265275 | 3219835 | 3218210 | 3234440 | 0.83 | cps |
| Molybdenum | 94-1 | 308193 | 310718 | 308153 | 309021 | 0.48 | cps |
| Molybdenum | 95-1 | 5614 | 5464 | 5464 | 5514 | 1.57 | cps |
| Molybdenum | 96-1 | 60484 | 59959 | 60213 | 60219 | 0.44 | cps |
| Molybdenum | 97-1 | 3327 | 3200 | 3277 | 3268 | 1.95 | cps |
| Molybdenum | 98-1 | 8879 | 8463 | 8616 | 8653 | 2.44 | cps |
| Neodymium | 150-1 | 150237 | 152229 | 150568 | 151011 | 0.71 | cps |
| Neodymium | 150-2 | 93067 | 93339 | 92504 | 92970 | 0.46 | cps |
| Nickel | 60-2 | 90125 | 88730 | 88677 | 89177 | 0.92 | cps |
| Phosphorus | 31-2 | 34729 | 34308 | 34940 | 34659 | 0.93 | cps |
| Potassium | 39-2 | 664608 | 660234 | 663990 | 662944 | 0.36 | cps |
| Rhodium | 103-1 | 12173002 | 11930969 | 11778134 | 11960701 | 1.66 | cps |
| Rhodium | 103-2 | 7091601 | 7025299 | 7084320 | 7067073 | 0.51 | cps |
| Scandium | 45-1 | 7214575 | 7134163 | 7037803 | 7128847 | 1.24 | cps |
| Scandium | 45-2 | 607840 | 605317 | 609309 | 607489 | 0.33 | cps |
| Selenium | 82-1 | 2731 | 2537 | 2572 | 2613 | 3.96 | cps |
| Selenium | 77-2 | 487 | 410 | 623 | 507 | 21.33 | cps |
| Selenium | 78-2 | 1417 | 1490 | 1433 | 1447 | 2.66 | cps |
| Silicon | 28-1 | 15665846 | 15554604 | 15547058 | 15589169 | 0.43 | cps |
| Silver | 107-1 | 1563 | 1467 | 1340 | 1457 | 7.69 | cps |
| Silver | 109-1 | 990 | 893 | 997 | 960 | 6.02 | cps |
| Sodium | 23-2 | 551988 | 549908 | 548269 | 550055 | 0.34 | cps |
| Strontium | 86-1 | 319876 | 315281 | 318619 | 317925 | 0.75 | cps |
| Strontium | 88-1 | 2840393 | 2884193 | 2862956 | 2862514 | 0.77 | cps |
| Sulfur | 34-1 | 164893 | 160624 | 159701 | 161739 | 1.71 | cps |
| Terbium | 159-1 | 16951913 | 16676736 | 16456331 | 16694993 | 1.49 | cps |
| Terbium | 159-2 | 11436057 | 11435587 | 11571776 | 11481140 | 0.68 | cps |
| Thallium | 203-1 | 31202 | 30802 | 31490 | 31165 | 1.11 | cps |
| Thallium | 205-1 | 73818 | 74640 | 74305 | 74254 | 0.56 | cps |
| Tin | 118-1 | 20428 | 20535 | 20819 | 20594 | 0.98 | cps |
| Titanium | 47-1 | 4646523 | 4657248 | 4579863 | 4627878 | 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 : | P5250-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:47:04 | DataFile Name : | 182SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39927 | 40488 | 40485 | 40300 | 0.80 | cps |
| Vanadium | 51-2 | 584861 | 582279 | 584091 | 583744 | 0.23 | cps |
| Yttrium | 89-1 | 21310789 | 21286483 | 21117985 | 21238419 | 0.49 | cps |
| Yttrium | 89-2 | 5658098 | 5661424 | 5749878 | 5689800 | 0.91 | cps |
| Zinc | 66-2 | 114605 | 115018 | 113876 | 114500 | 0.50 | cps |
| Zirconium | 90-1 | 830050 | 838617 | 835327 | 834665 | 0.52 | cps |
| Zirconium | 91-1 | 185095 | 186320 | 185729 | 185715 | 0.33 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:50:19 | DataFile Name : | 183CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11873847 | 11950094 | 11939894 | 11921279 | 0.35 | cps |
| Antimony | 121-1 | 5752649 | 5684849 | 5714232 | 5717243 | 0.59 | cps |
| Arsenic | 75-2 | 269954 | 270160 | 269009 | 269708 | 0.23 | cps |
| Barium | 135-1 | 7456929 | 7414588 | 7362059 | 7411192 | 0.64 | cps |
| Barium | 137-1 | 12827356 | 12789603 | 12664663 | 12760541 | 0.67 | cps |
| Beryllium | 9-1 | 660628 | 659047 | 661134 | 660270 | 0.16 | cps |
| Bismuth | 209-1 | 8868097 | 8795546 | 8860626 | 8841423 | 0.45 | cps |
| Bismuth | 209-2 | 7458147 | 7356209 | 7418645 | 7411000 | 0.69 | cps |
| Bromine | 81-1 | 12605 | 12232 | 12215 | 12351 | 1.79 | cps |
| Bromine | 81-2 | 110 | 140 | 97 | 116 | 19.21 | cps |
| Cadmium | 108-1 | 103103 | 102952 | 103445 | 103167 | 0.25 | cps |
| Cadmium | 106-1 | 149918 | 148490 | 146745 | 148384 | 1.07 | cps |
| Cadmium | 111-1 | 1408820 | 1401104 | 1399939 | 1403288 | 0.34 | cps |
| Calcium | 43-1 | 7068574 | 6964198 | 6915677 | 6982816 | 1.12 | cps |
| Calcium | 44-1 | 113584628 | 110967002 | 110397218 | 111649616 | 1.52 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2061735 | 2090115 | 2062537 | 2071462 | 0.78 | cps |
| Cobalt | 59-2 | 3202173 | 3210516 | 3195986 | 3202892 | 0.23 | cps |
| Copper | 63-2 | 22549373 | 22545541 | 22358041 | 22484318 | 0.49 | cps |
| Dysprosium | 156-1 | 293 | 260 | 237 | 263 | 10.82 | cps |
| Dysprosium | 156-2 | 477 | 480 | 590 | 516 | 12.51 | cps |
| Erbium | 164-1 | 360 | 293 | 367 | 340 | 11.93 | cps |
| Erbium | 164-2 | 210 | 233 | 200 | 214 | 7.98 | cps |
| Gadolinium | 160-1 | 283 | 277 | 277 | 279 | 1.38 | cps |
| Gadolinium | 160-2 | 753 | 763 | 757 | 758 | 0.67 | cps |
| Holmium | 165-1 | 15379018 | 15132400 | 15146144 | 15219187 | 0.91 | cps |
| Holmium | 165-2 | 10922642 | 10864842 | 10790992 | 10859492 | 0.61 | cps |
| Indium | 115-1 | 11417468 | 11312745 | 11114933 | 11281716 | 1.36 | cps |
| Indium | 115-2 | 4166203 | 4097734 | 4137998 | 4133979 | 0.83 | cps |
| Iron | 56-2 | 486931446 | 485861966 | 486694459 | 486495957 | 0.12 | cps |
| Iron | 57-2 | 12192999 | 12230506 | 12091733 | 12171746 | 0.59 | cps |
| Iron | 54-2 | 26601284 | 26160394 | 26482270 | 26414649 | 0.86 | cps |
| Krypton | 83-1 | 223 | 163 | 220 | 202 | 16.67 | cps |



1111

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:50:19 | DataFile Name : | 183CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22930252 | 22710353 | 22714720 | 22785108 | 0.55 | cps |
| Lead | 207-1 | 20037012 | 20123798 | 19858068 | 20006293 | 0.68 | cps |
| Lead | 208-1 | 91174182 | 91734672 | 91043246 | 91317367 | 0.40 | cps |
| Lithium | 6-1 | 1809337 | 1760492 | 1806316 | 1792049 | 1.53 | cps |
| Magnesium | 24-2 | 93233359 | 93525002 | 93515985 | 93424782 | 0.18 | cps |
| Manganese | 55-2 | 16992306 | 16792700 | 16930352 | 16905119 | 0.60 | cps |
| Molybdenum | 94-1 | 19430588 | 19423993 | 19181124 | 19345235 | 0.73 | cps |
| Molybdenum | 95-1 | 28786709 | 28200780 | 27956177 | 28314555 | 1.51 | cps |
| Molybdenum | 96-1 | 31337385 | 30972498 | 30746500 | 31018795 | 0.96 | cps |
| Molybdenum | 97-1 | 17710911 | 17444807 | 17522649 | 17559456 | 0.78 | cps |
| Molybdenum | 98-1 | 45736888 | 44691556 | 45149619 | 45192688 | 1.16 | cps |
| Neodymium | 150-1 | 437 | 543 | 513 | 498 | 11.05 | cps |
| Neodymium | 150-2 | 173 | 180 | 157 | 170 | 7.07 | cps |
| Nickel | 60-2 | 766868 | 762368 | 763776 | 764337 | 0.30 | cps |
| Phosphorus | 31-2 | 108682 | 107581 | 108118 | 108127 | 0.51 | cps |
| Potassium | 39-2 | 60318377 | 60073024 | 60136984 | 60176129 | 0.21 | cps |
| Rhodium | 103-1 | 10121903 | 9836323 | 9780987 | 9913071 | 1.85 | cps |
| Rhodium | 103-2 | 5972195 | 5961878 | 5950860 | 5961645 | 0.18 | cps |
| Scandium | 45-1 | 6065932 | 5898170 | 5855091 | 5939731 | 1.88 | cps |
| Scandium | 45-2 | 506936 | 512723 | 510291 | 509983 | 0.57 | cps |
| Selenium | 82-1 | 81988 | 81429 | 81240 | 81553 | 0.48 | cps |
| Selenium | 77-2 | 8479 | 8416 | 8646 | 8514 | 1.40 | cps |
| Selenium | 78-2 | 28761 | 28521 | 28975 | 28752 | 0.79 | cps |
| Silicon | 28-1 | 7114275 | 6997260 | 6955651 | 7022395 | 1.17 | cps |
| Silver | 107-1 | 6910462 | 6887928 | 6887486 | 6895292 | 0.19 | cps |
| Silver | 109-1 | 6731987 | 6570545 | 6593904 | 6632145 | 1.32 | cps |
| Sodium | 23-2 | 151096361 | 151196591 | 150689528 | 150994160 | 0.18 | cps |
| Strontium | 86-1 | 1793819 | 1776212 | 1768367 | 1779466 | 0.73 | cps |
| Strontium | 88-1 | 15470374 | 15370814 | 15483761 | 15441650 | 0.40 | cps |
| Sulfur | 34-1 | 538296 | 526844 | 523058 | 529399 | 1.50 | cps |
| Terbium | 159-1 | 15686869 | 15141754 | 15348526 | 15392383 | 1.79 | cps |
| Terbium | 159-2 | 10614619 | 10639029 | 10688788 | 10647479 | 0.36 | cps |
| Thallium | 203-1 | 5754644 | 5769366 | 5732030 | 5752014 | 0.33 | cps |
| Thallium | 205-1 | 13634475 | 13554218 | 13554490 | 13581061 | 0.34 | cps |
| Tin | 118-1 | 4702790 | 4762025 | 4682649 | 4715821 | 0.87 | cps |
| Titanium | 47-1 | 6589976 | 6487881 | 6446738 | 6508198 | 1.13 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:50:19 | DataFile Name : | 183CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18015769 | 18129481 | 18269920 | 18138390 | 0.70 | cps |
| Vanadium | 51-2 | 1862199 | 1870298 | 1864736 | 1865744 | 0.22 | cps |
| Yttrium | 89-1 | 17721431 | 17330656 | 17410829 | 17487639 | 1.18 | cps |
| Yttrium | 89-2 | 4714147 | 4671697 | 4731069 | 4705637 | 0.65 | cps |
| Zinc | 66-2 | 3886246 | 3895691 | 3825585 | 3869174 | 0.98 | cps |
| Zirconium | 90-1 | 9522099 | 9515623 | 9491243 | 9509655 | 0.17 | cps |
| Zirconium | 91-1 | 2095562 | 2097020 | 2105574 | 2099385 | 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 : | CCB019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:53:06 | DataFile Name : | 184CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1313 | 1150 | 1153 | 1206 | 7.74 | cps |
| Antimony | 121-1 | 3450 | 2740 | 2614 | 2935 | 15.37 | cps |
| Arsenic | 75-2 | 70 | 67 | 63 | 67 | 5.00 | cps |
| Barium | 135-1 | 1010 | 777 | 770 | 852 | 16.04 | cps |
| Barium | 137-1 | 1770 | 1297 | 1300 | 1456 | 18.71 | cps |
| Beryllium | 9-1 | 280 | 237 | 117 | 211 | 40.08 | cps |
| Bismuth | 209-1 | 10109429 | 9821640 | 9798102 | 9909724 | 1.75 | cps |
| Bismuth | 209-2 | 8252478 | 8190833 | 8194121 | 8212478 | 0.42 | cps |
| Bromine | 81-1 | 12148 | 11928 | 12239 | 12105 | 1.32 | cps |
| Bromine | 81-2 | 140 | 147 | 123 | 137 | 8.80 | cps |
| Cadmium | 108-1 | 43 | 27 | 30 | 33 | 26.45 | cps |
| Cadmium | 106-1 | 4487 | 4187 | 4111 | 4262 | 4.67 | cps |
| Cadmium | 111-1 | 1126 | 1052 | 1023 | 1067 | 4.97 | cps |
| Calcium | 43-1 | 1187 | 850 | 870 | 969 | 19.49 | cps |
| Calcium | 44-1 | 21128 | 17096 | 15825 | 18017 | 15.37 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2063 | 2124 | 2033 | 2073 | 2.21 | cps |
| Cobalt | 59-2 | 430 | 370 | 327 | 376 | 13.82 | cps |
| Copper | 63-2 | 3414 | 3164 | 3130 | 3236 | 4.79 | cps |
| Dysprosium | 156-1 | 10 | 7 | 20 | 12 | 56.76 | cps |
| Dysprosium | 156-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Erbium | 164-1 | 77 | 73 | 87 | 79 | 8.80 | cps |
| Erbium | 164-2 | 30 | 73 | 57 | 53 | 40.98 | cps |
| Gadolinium | 160-1 | 40 | 50 | 47 | 46 | 11.18 | cps |
| Gadolinium | 160-2 | 610 | 620 | 553 | 594 | 6.05 | cps |
| Holmium | 165-1 | 15756599 | 15518121 | 15627637 | 15634119 | 0.76 | cps |
| Holmium | 165-2 | 11135213 | 11122307 | 11254109 | 11170543 | 0.65 | cps |
| Indium | 115-1 | 12493232 | 12169438 | 12257444 | 12306705 | 1.36 | cps |
| Indium | 115-2 | 4538181 | 4467177 | 4553545 | 4519634 | 1.02 | cps |
| Iron | 56-2 | 66630 | 64374 | 62419 | 64474 | 3.27 | cps |
| Iron | 57-2 | 2097 | 1897 | 1917 | 1970 | 5.59 | cps |
| Iron | 54-2 | 4774 | 4938 | 4521 | 4744 | 4.43 | cps |
| Krypton | 83-1 | 100 | 170 | 197 | 156 | 32.10 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:53:06 | DataFile Name : | 184CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4161 | 3190 | 3040 | 3464 | 17.56 | cps |
| Lead | 207-1 | 3651 | 3007 | 2600 | 3086 | 17.16 | cps |
| Lead | 208-1 | 16581 | 13343 | 12359 | 14094 | 15.67 | cps |
| Lithium | 6-1 | 1929206 | 1908667 | 1941259 | 1926377 | 0.86 | cps |
| Magnesium | 24-2 | 8653 | 8102 | 7762 | 8172 | 5.50 | cps |
| Manganese | 55-2 | 1897 | 1740 | 1747 | 1795 | 4.94 | cps |
| Molybdenum | 94-1 | 3694 | 2844 | 2500 | 3013 | 20.40 | cps |
| Molybdenum | 95-1 | 4911 | 3560 | 3454 | 3975 | 20.43 | cps |
| Molybdenum | 96-1 | 5108 | 4034 | 3671 | 4271 | 17.50 | cps |
| Molybdenum | 97-1 | 2870 | 2340 | 2047 | 2419 | 17.25 | cps |
| Molybdenum | 98-1 | 7562 | 5988 | 5301 | 6284 | 18.45 | cps |
| Neodymium | 150-1 | 10 | 13 | 10 | 11 | 17.30 | cps |
| Neodymium | 150-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Nickel | 60-2 | 553 | 580 | 580 | 571 | 2.70 | cps |
| Phosphorus | 31-2 | 113 | 117 | 143 | 124 | 13.22 | cps |
| Potassium | 39-2 | 55120 | 54671 | 54557 | 54783 | 0.54 | cps |
| Rhodium | 103-1 | 11348720 | 10852021 | 11000259 | 11067000 | 2.30 | cps |
| Rhodium | 103-2 | 6665381 | 6636221 | 6689347 | 6663649 | 0.40 | cps |
| Scandium | 45-1 | 6198546 | 5974280 | 5993451 | 6055426 | 2.05 | cps |
| Scandium | 45-2 | 528214 | 526939 | 529183 | 528112 | 0.21 | cps |
| Selenium | 82-1 | 225 | 149 | 131 | 168 | 29.77 | cps |
| Selenium | 77-2 | 3 | 13 | 7 | 8 | 65.47 | cps |
| Selenium | 78-2 | 327 | 413 | 373 | 371 | 11.69 | cps |
| Silicon | 28-1 | 460194 | 460406 | 468136 | 462912 | 0.98 | cps |
| Silver | 107-1 | 1630 | 1337 | 1197 | 1388 | 15.94 | cps |
| Silver | 109-1 | 1570 | 1110 | 1167 | 1282 | 19.56 | cps |
| Sodium | 23-2 | 39882 | 39360 | 38171 | 39137 | 2.24 | cps |
| Strontium | 86-1 | 503 | 463 | 490 | 486 | 4.19 | cps |
| Strontium | 88-1 | 2364 | 1753 | 1683 | 1933 | 19.35 | cps |
| Sulfur | 34-1 | 154946 | 155515 | 158219 | 156227 | 1.12 | cps |
| Terbium | 159-1 | 16293216 | 15768886 | 15837535 | 15966546 | 1.78 | cps |
| Terbium | 159-2 | 11002139 | 10851923 | 10895711 | 10916591 | 0.71 | cps |
| Thallium | 203-1 | 1813 | 1613 | 1307 | 1578 | 16.18 | cps |
| Thallium | 205-1 | 4457 | 3791 | 3207 | 3818 | 16.39 | cps |
| Tin | 118-1 | 2440 | 1893 | 1937 | 2090 | 14.54 | cps |
| Titanium | 47-1 | 1120 | 713 | 763 | 866 | 25.62 | cps |

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB019 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB019 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-28 01:53:06 | DataFile Name : | 184CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2370 | 1913 | 1673 | 1986 | 17.83 | cps |
| Vanadium | 51-2 | 173 | 197 | 187 | 186 | 6.31 | cps |
| Yttrium | 89-1 | 18290338 | 17732304 | 17802208 | 17941617 | 1.69 | cps |
| Yttrium | 89-2 | 4882221 | 4947461 | 4908663 | 4912782 | 0.67 | cps |
| Zinc | 66-2 | 530 | 570 | 640 | 580 | 9.60 | cps |
| Zirconium | 90-1 | 2407 | 2034 | 2070 | 2170 | 9.48 | cps |
| Zirconium | 91-1 | 570 | 477 | 367 | 471 | 21.61 | cps |

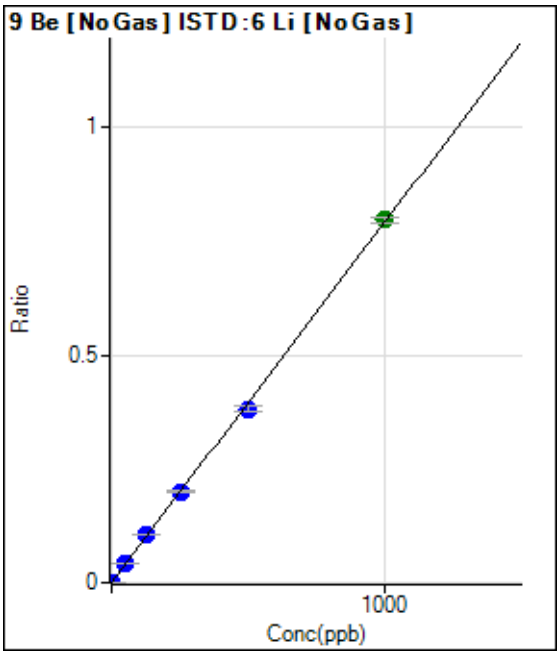
Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

# Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7010325MS-4.b\
Analysis File: P7010325MS-4.batch.bin
DA Date-Time: 2025-01-04 01:58:59
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | S00 | 2025-01-03 19:44:22 |
| 2 | 005CALS.d | S01 | 2025-01-03 19:47:36 |
| 3 | 006CALS.d | S02 | 2025-01-03 19:50:53 |
| 4 | 007CALS.d | S03 | 2025-01-03 19:54:07 |
| 5 | 008CALS.d | S04 | 2025-01-03 19:57:08 |
| 6 | 009CALS.d | S05 | 2025-01-03 19:59:58 |
| 7 | 010CALS.d | S06 | 2025-01-03 20:02:46 |
| 8 | 011CALS.d | S07 | 2025-01-03 20:05:29 |
| 9 | 012CALS.d | S08 | 2025-01-03 20:08:15 |

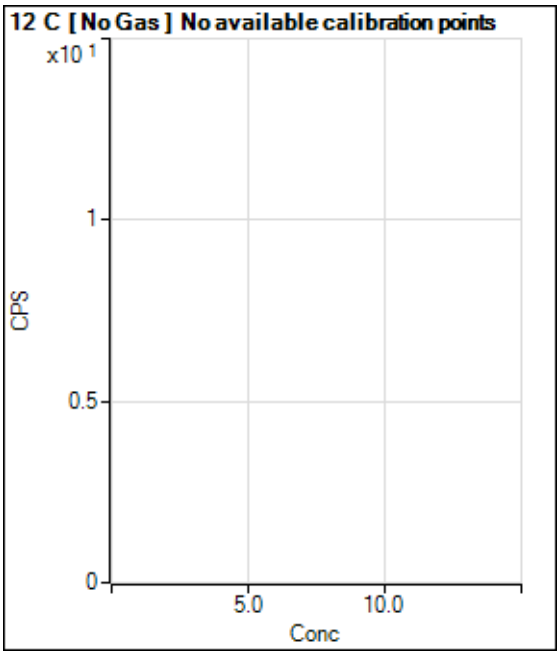
Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 68.89 | 0.0000 | P | 12.7 |
| 2 | ☐ | 0.100 | 0.114 | 201.11 | 0.0001 | P | 4.0 |
| 3 | ☐ | 1.000 | 1.134 | 1392.30 | 0.0009 | P | 6.0 |
| 4 | ☐ | 50.000 | 53.300 | 64092.40 | 0.0422 | P | 0.2 |
| 5 | ☐ | 125.000 | 131.638 | 161446.47 | 0.1043 | P | 0.5 |
| 6 | ☐ | 250.000 | 252.883 | 310964.31 | 0.2003 | P | 1.3 |
| 7 | ☐ | 500.000 | 482.804 | 597292.66 | 0.3823 | P | 2.6 |
| 8 | ☐ | 1000.000 | 1006.882 | 1214798.02 | 0.7973 | A | 1.7 |
| 9 | ☐ | | | 317.78 | 0.0002 | P | 4.8 |

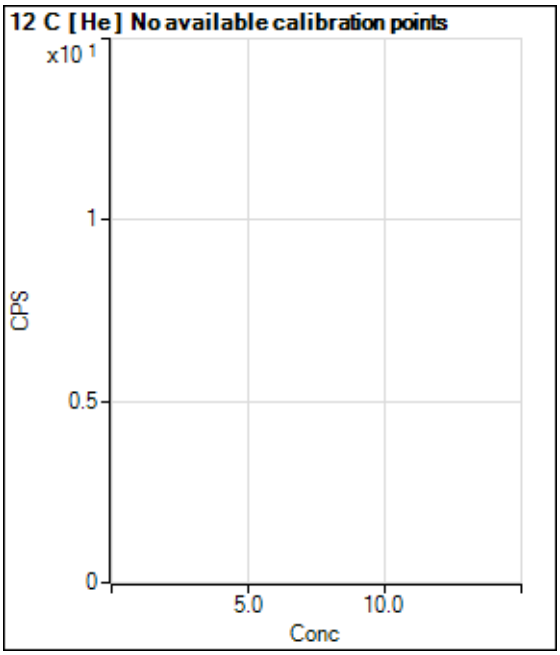
y = 7.9182E-004 * x + 4.6195E-005
R = 0.9998
DL = 0.02216
BEC = 0.05834

Weight: <None>
Min Conc: 0

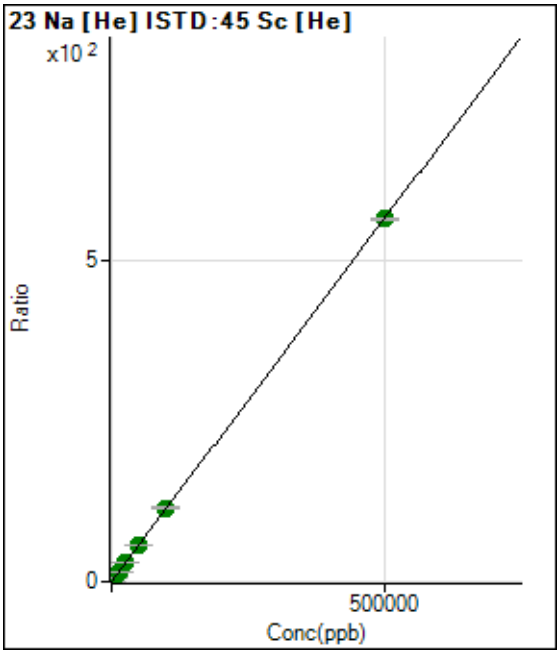



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

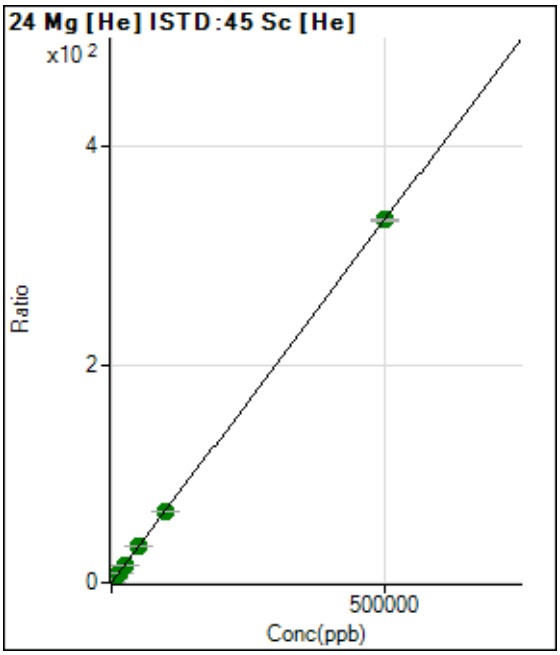



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 23648.25 | 0.0401 | P | 2.6 |
| 2 | ☐ | 50.000 | 51.043 | 57659.56 | 0.0977 | P | 0.3 |
| 3 | ☐ | 500.000 | 509.682 | 363705.32 | 0.6151 | P | 1.1 |
| 4 | ☐ | 5000.000 | 4994.603 | 3292222.94 | 5.6746 | A | 0.4 |
| 5 | ☐ | 12500.000 | 12733.785 | 7947598.77 | 14.4053 | A | 1.3 |
| 6 | ☐ | 25000.000 | 25533.004 | 15063208.25 | 28.8444 | A | 0.4 |
| 7 | ☐ | 50000.000 | 50928.211 | 28901501.79 | 57.4932 | A | 0.7 |
| 8 | ☐ | 100000.00 | 101542.38 | 57834187.47 | 114.5919 | A | 1.0 |
| 9 | ☐ | 500000.00 | 499566.25 | 293570597.8 | 563.6099 | A | 0.5 |

y = 0.0011 * x + 0.0401
R = 1.0000
DL = 2.73
BEC = 35.57

Weight: <None>
Min Conc: 0

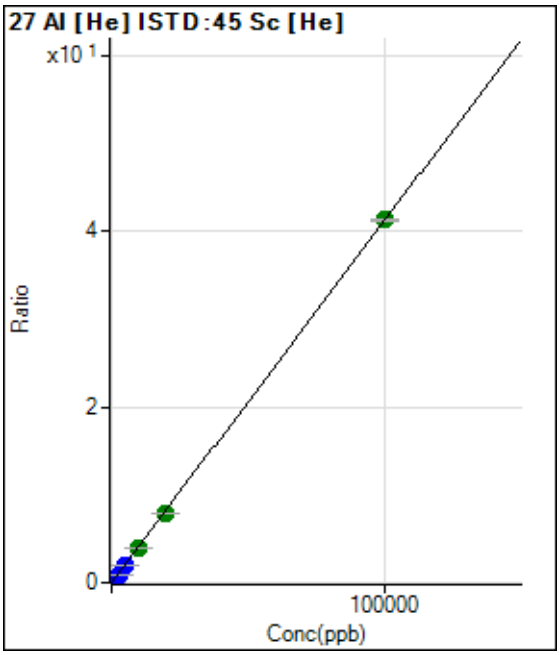
Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 433.34 | 0.0007 | P | 17.3 |
| 2 | ☐ | 50.000 | 53.907 | 21608.62 | 0.0366 | P | 0.7 |
| 3 | ☐ | 500.000 | 542.209 | 213837.23 | 0.3616 | P | 0.9 |
| 4 | ☐ | 5000.000 | 4921.509 | 1901034.43 | 3.2766 | A | 0.8 |
| 5 | ☐ | 12500.000 | 12464.080 | 4577700.04 | 8.2971 | A | 0.5 |
| 6 | ☐ | 25000.000 | 24972.926 | 8680972.16 | 16.6232 | A | 0.3 |
| 7 | ☐ | 50000.000 | 49832.431 | 16674480.31 | 33.1702 | A | 0.2 |
| 8 | ☐ | 100000.00 | 98580.375 | 33117252.84 | 65.6178 | A | 0.8 |
| 9 | ☐ | 500000.00 | 500303.67 | 173457144.0 | 333.0130 | A | 0.6 |

y = 6.6562E-004 * x + 7.3503E-004
R = 1.0000
DL = 0.5727
BEC = 1.104

Weight: <None>
Min Conc: 0

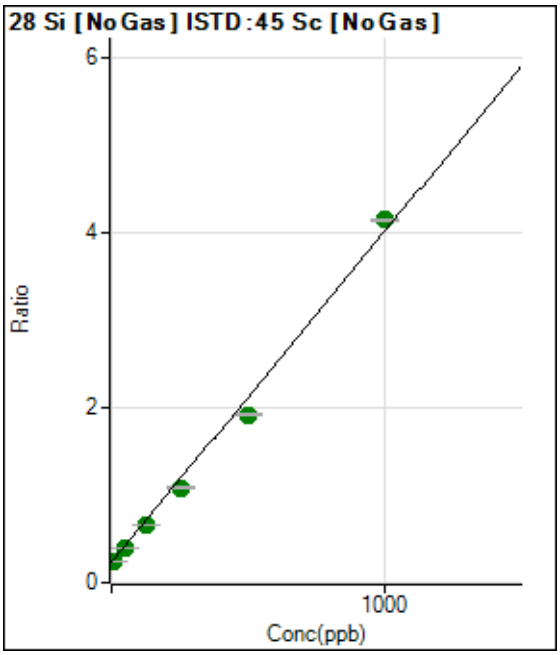



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 80.00 | 0.0001 | P | 25.6 |
| 2 | ☐ | 2.000 | 2.254 | 627.80 | 0.0011 | P | 4.9 |
| 3 | ☐ | 20.000 | 19.644 | 4860.81 | 0.0082 | P | 3.9 |
| 4 | ☐ | 1000.000 | 938.183 | 224149.82 | 0.3864 | P | 0.7 |
| 5 | ☐ | 2500.000 | 2353.568 | 534652.96 | 0.9690 | P | 0.7 |
| 6 | ☐ | 5000.000 | 4691.250 | 1008598.11 | 1.9314 | P | 0.4 |
| 7 | ☐ | 10000.000 | 9729.681 | 2013571.07 | 4.0055 | A | 0.7 |
| 8 | ☐ | 20000.000 | 19283.549 | 4006651.54 | 7.9386 | A | 0.5 |
| 9 | ☐ | 100000.00 | 100190.03 | 21483488.01 | 41.2452 | A | 0.6 |

y = 4.1167E-004 * x + 1.3563E-004
R = 1.0000
DL = 0.2526
BEC = 0.3295

Weight: <None>
Min Conc: 0

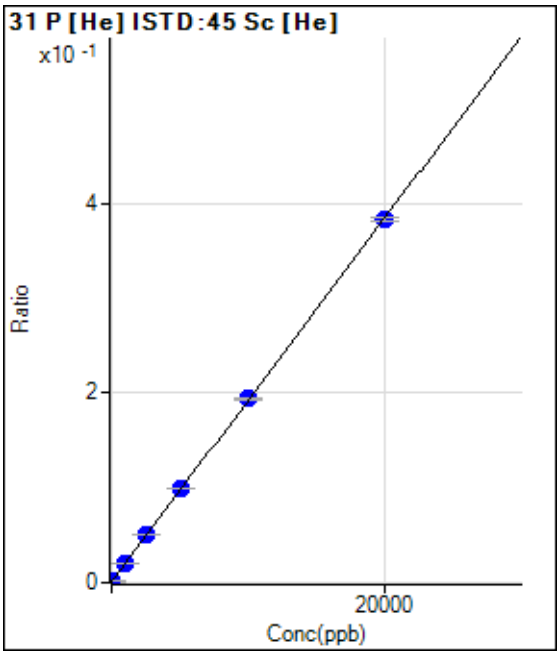
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1488223.26 | 0.2345 | A | 2.4 |
| 2 | ☐ | 1.000 | 1.836 | 1530389.84 | 0.2414 | A | 2.9 |
| 3 | ☐ | 10.000 | 2.780 | 1567925.20 | 0.2450 | A | 2.1 |
| 4 | ☐ | 50.000 | 44.741 | 2555371.09 | 0.4038 | A | 1.6 |
| 5 | ☐ | 125.000 | 112.004 | 3984485.91 | 0.6582 | A | 0.6 |
| 6 | ☐ | 250.000 | 225.237 | 6151664.77 | 1.0866 | A | 1.2 |
| 7 | ☐ | 500.000 | 445.686 | 10420086.51 | 1.9205 | A | 0.7 |
| 8 | ☐ | 1000.000 | 1035.307 | 22423068.28 | 4.1510 | A | 0.2 |
| 9 | ☐ | | | 811324.39 | 0.1488 | P | 2.1 |

y = 0.0038 * x + 0.2345
R = 0.9977
DL = 4.496
BEC = 61.99

Weight: <None>
Min Conc: 0

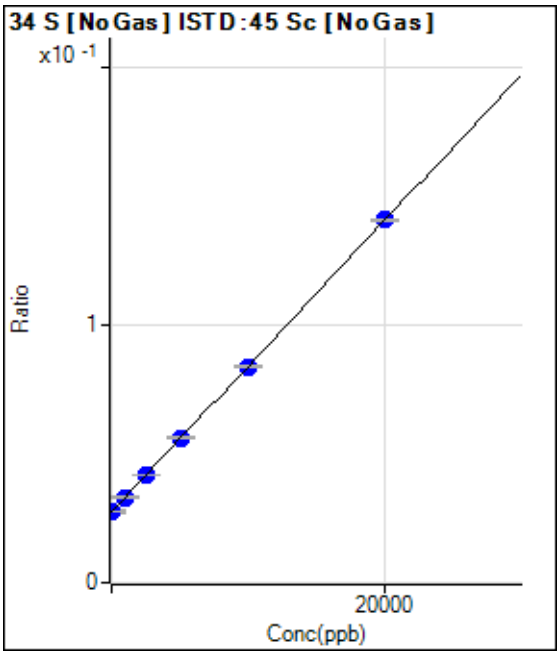



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -10.735 | 392.23 | 0.0007 | P | 20.8 |
| 2 | ☐ | 0.000 | -12.826 | 368.90 | 0.0006 | P | 4.3 |
| 3 | ☐ | 0.000 | 23.562 | 782.25 | 0.0013 | P | 9.5 |
| 4 | ☐ | 1000.000 | 1027.711 | 11928.07 | 0.0206 | P | 0.2 |
| 5 | ☐ | 2500.000 | 2603.326 | 27999.01 | 0.0507 | P | 1.9 |
| 6 | ☐ | 5000.000 | 5135.014 | 51829.62 | 0.0992 | P | 0.8 |
| 7 | ☐ | 10000.000 | 10071.030 | 97428.39 | 0.1938 | P | 0.4 |
| 8 | ☐ | 20000.000 | 19916.431 | 193008.38 | 0.3824 | P | 1.2 |
| 9 | ☐ | | | 410.01 | 0.0008 | P | 4.9 |

y = 1.9158E-005 * x + 8.7079E-004
R = 1.0000
DL = 15.17
BEC = 45.45

Weight: <None>
Min Conc: 0

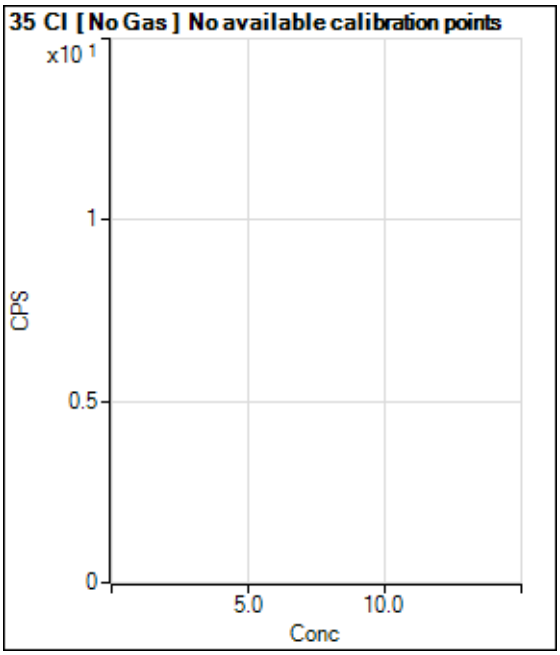
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 44.243 | 176367.97 | 0.0278 | P | 1.8 |
| 2 | ☐ | 0.000 | -23.921 | 173648.82 | 0.0274 | P | 2.1 |
| 3 | ☐ | 0.000 | -20.322 | 175503.67 | 0.0274 | P | 0.7 |
| 4 | ☐ | 1000.000 | 980.659 | 209465.37 | 0.0331 | P | 1.1 |
| 5 | ☐ | 2500.000 | 2493.878 | 252221.31 | 0.0417 | P | 0.8 |
| 6 | ☐ | 5000.000 | 5047.364 | 317809.86 | 0.0561 | P | 1.1 |
| 7 | ☐ | 10000.000 | 9931.424 | 454694.02 | 0.0838 | P | 0.7 |
| 8 | ☐ | 20000.000 | 20024.179 | 761561.67 | 0.1410 | P | 0.6 |
| 9 | ☐ | | | 139672.61 | 0.0256 | P | 1.5 |

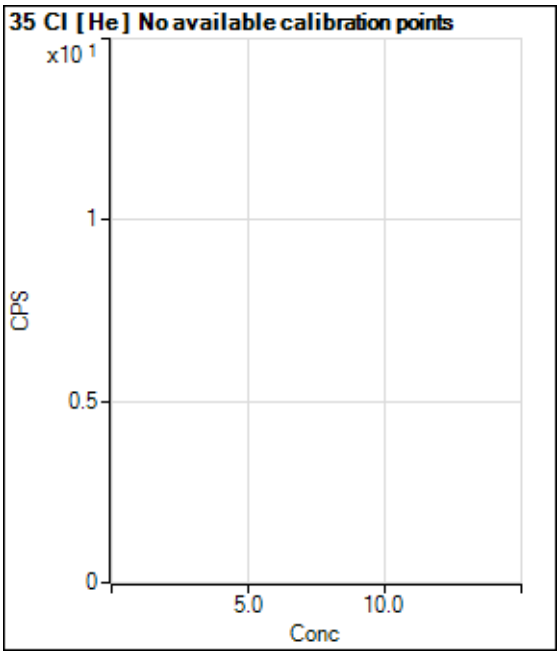
y = 5.6654E-006 * x + 0.0275
R = 1.0000
DL = 223.9
BEC = 4861

Weight: <None>
Min Conc: 0

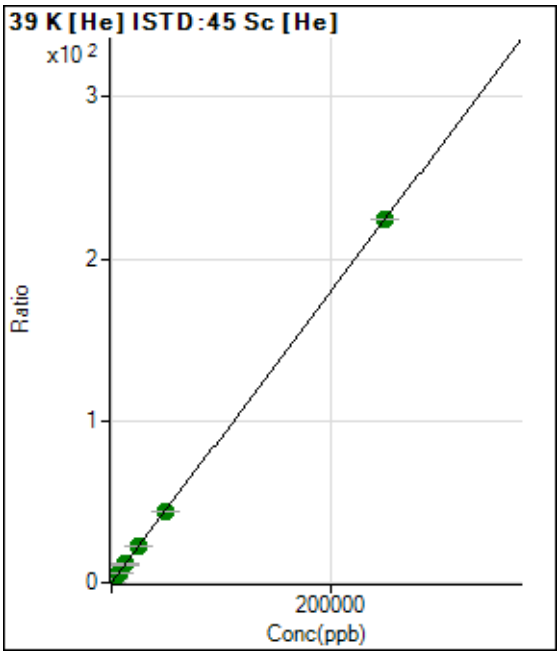



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

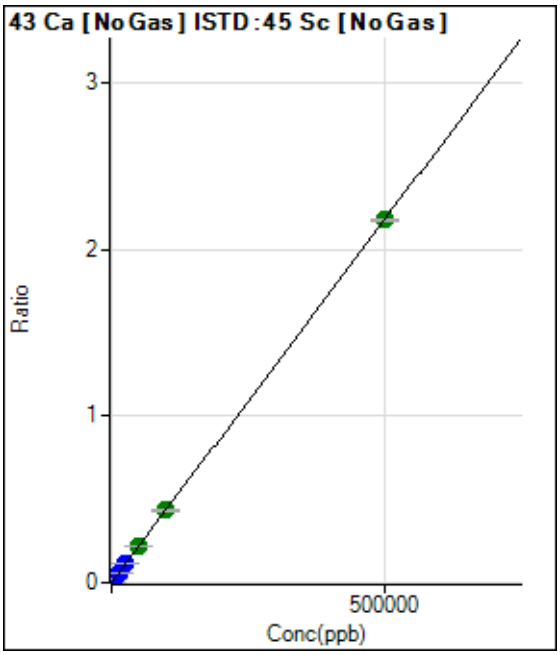



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 54826.08 | 0.0930 | P | 1.1 |
| 2 | ☐ | 50.000 | 55.612 | 84280.36 | 0.1428 | P | 0.3 |
| 3 | ☐ | 500.000 | 548.317 | 345235.21 | 0.5839 | P | 1.6 |
| 4 | ☐ | 2500.000 | 2542.511 | 1374543.58 | 2.3691 | A | 0.8 |
| 5 | ☐ | 6250.000 | 6326.538 | 3176123.01 | 5.7566 | A | 0.1 |
| 6 | ☐ | 12500.000 | 12515.688 | 5899628.53 | 11.2972 | A | 0.3 |
| 7 | ☐ | 25000.000 | 24730.324 | 11175889.14 | 22.2319 | A | 0.3 |
| 8 | ☐ | 50000.000 | 49390.825 | 22362854.67 | 44.3083 | A | 0.5 |
| 9 | ☐ | 250000.00 | 250145.58 | 116689990.4 | 224.0266 | A | 0.1 |

y = 8.9521E-004 * x + 0.0930
R = 1.0000
DL = 3.398
BEC = 103.9

Weight: <None>
Min Conc: 0

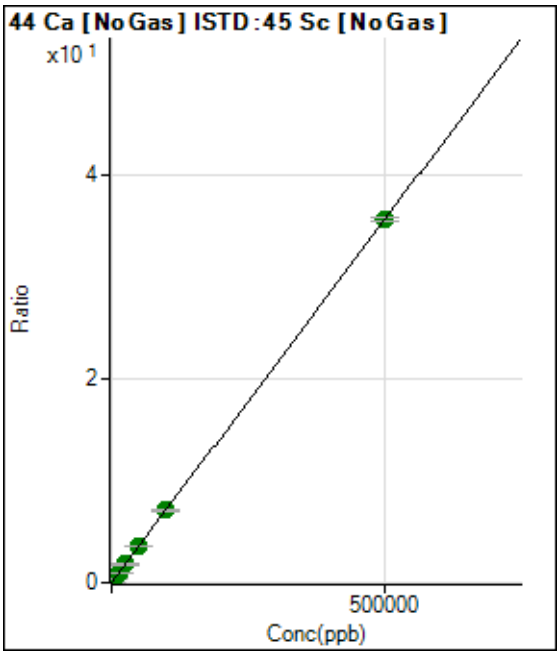
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 587.79 | 0.0001 | P | 8.2 |
| 2 | ☐ | 50.000 | 55.696 | 2123.50 | 0.0003 | P | 4.0 |
| 3 | ☐ | 500.000 | 550.006 | 15915.11 | 0.0025 | P | 1.7 |
| 4 | ☐ | 5000.000 | 5134.552 | 142061.44 | 0.0224 | P | 2.1 |
| 5 | ☐ | 12500.000 | 12925.280 | 341155.05 | 0.0564 | P | 1.3 |
| 6 | ☐ | 25000.000 | 26143.278 | 644863.27 | 0.1139 | P | 1.9 |
| 7 | ☐ | 50000.000 | 50281.758 | 1188150.97 | 0.2190 | A | 0.9 |
| 8 | ☐ | 100000.00 | 99927.461 | 2350355.94 | 0.4351 | A | 1.3 |
| 9 | ☐ | 500000.00 | 499917.14 | 11865665.80 | 2.1764 | A | 0.7 |

y = 4.3534E-006 * x + 9.2562E-005
R = 1.0000
DL = 5.259
BEC = 21.26

Weight: <None>
Min Conc: 0

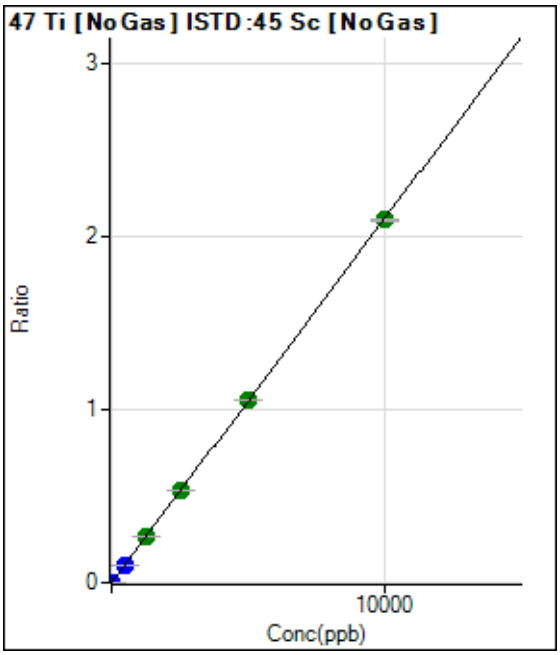



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19996.80 | 0.0031 | P | 2.8 |
| 2 | ☐ | 50.000 | 58.065 | 46099.88 | 0.0073 | P | 2.1 |
| 3 | ☐ | 500.000 | 550.643 | 270510.95 | 0.0423 | P | 1.3 |
| 4 | ☐ | 5000.000 | 4969.422 | 2254759.84 | 0.3562 | A | 0.5 |
| 5 | ☐ | 12500.000 | 12432.130 | 5365476.55 | 0.8864 | A | 1.5 |
| 6 | ☐ | 25000.000 | 25210.108 | 10158182.56 | 1.7942 | A | 1.6 |
| 7 | ☐ | 50000.000 | 50292.713 | 19403435.54 | 3.5762 | A | 0.1 |
| 8 | ☐ | 100000.00 | 99775.569 | 38307567.49 | 7.0918 | A | 1.0 |
| 9 | ☐ | 500000.00 | 500007.06 | 193674941.5 | 35.5264 | A | 1.1 |

y = 7.1046E-005 * x + 0.0031
R = 1.0000
DL = 3.67
BEC = 44.33

Weight: <None>
Min Conc: 0

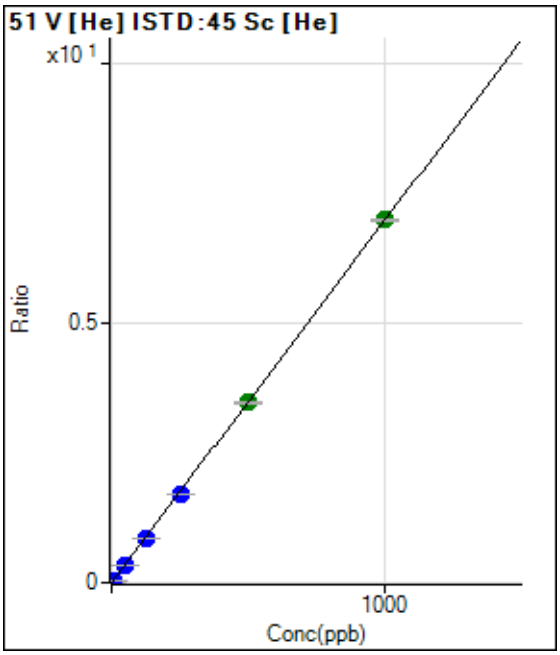
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 80.00 | 0.0000 | P | 13.7 |
| 2 | ☐ | 0.500 | 0.555 | 817.81 | 0.0001 | P | 4.7 |
| 3 | ☐ | 5.000 | 5.197 | 7060.60 | 0.0011 | P | 0.2 |
| 4 | ☐ | 500.000 | 491.902 | 653389.15 | 0.1032 | P | 1.4 |
| 5 | ☐ | 1250.000 | 1250.486 | 1588530.76 | 0.2624 | A | 0.5 |
| 6 | ☐ | 2500.000 | 2534.019 | 3010596.07 | 0.5318 | A | 1.6 |
| 7 | ☐ | 5000.000 | 5039.363 | 5737628.94 | 1.0575 | A | 0.3 |
| 8 | ☐ | 10000.000 | 9972.158 | 11303683.72 | 2.0926 | A | 0.9 |
| 9 | ☐ | | | 1953.49 | 0.0004 | P | 5.0 |

y = 2.0984E-004 * x + 1.2588E-005
R = 1.0000
DL = 0.02457
BEC = 0.05999

Weight: <None>
Min Conc: 0

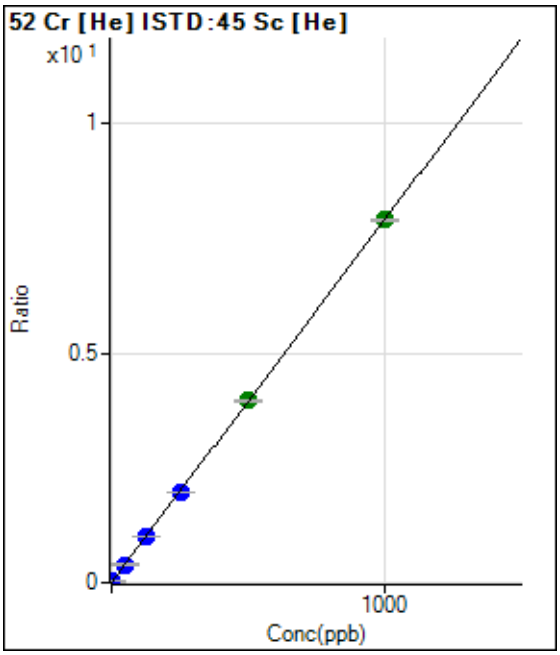



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 23.33 | 0.0000 | P | 14.1 |
| 2 | ☐ | 0.500 | 0.520 | 2163.51 | 0.0037 | P | 1.3 |
| 3 | ☐ | 5.000 | 5.300 | 21895.95 | 0.0370 | P | 0.7 |
| 4 | ☐ | 50.000 | 48.745 | 197391.42 | 0.3402 | P | 1.1 |
| 5 | ☐ | 125.000 | 122.718 | 472565.16 | 0.8565 | P | 0.2 |
| 6 | ☐ | 250.000 | 244.995 | 892944.29 | 1.7099 | P | 0.4 |
| 7 | ☐ | 500.000 | 497.358 | 1744946.33 | 3.4712 | A | 0.5 |
| 8 | ☐ | 1000.000 | 1002.918 | 3532978.11 | 6.9996 | A | 0.7 |
| 9 | ☐ | | | 860.03 | 0.0017 | P | 2.9 |

y = 0.0070 * x + 3.9582E-005
R = 1.0000
DL = 0.002397
BEC = 0.005671

Weight: <None>
Min Conc: 0

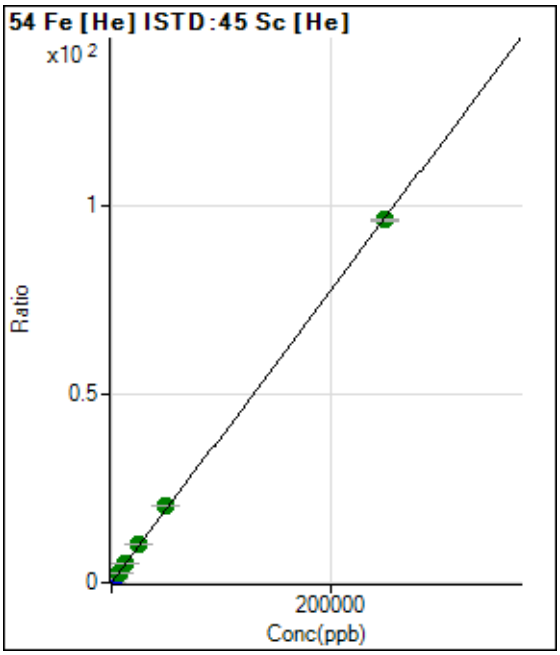
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3330.40 | 0.0057 | P | 1.0 |
| 2 | ☐ | 0.200 | 0.212 | 4323.99 | 0.0073 | P | 1.8 |
| 3 | ☐ | 2.000 | 2.168 | 13458.32 | 0.0228 | P | 1.5 |
| 4 | ☐ | 50.000 | 49.540 | 230055.71 | 0.3965 | P | 1.1 |
| 5 | ☐ | 125.000 | 124.731 | 546119.34 | 0.9898 | P | 0.3 |
| 6 | ☐ | 250.000 | 247.929 | 1024557.85 | 1.9619 | P | 0.4 |
| 7 | ☐ | 500.000 | 500.708 | 1988893.13 | 3.9565 | A | 0.6 |
| 8 | ☐ | 1000.000 | 1000.220 | 3986090.74 | 7.8979 | A | 0.7 |
| 9 | ☐ | | | 8110.42 | 0.0156 | P | 11.4 |

y = 0.0079 * x + 0.0057
R = 1.0000
DL = 0.02165
BEC = 0.7162

Weight: <None>
Min Conc: 0

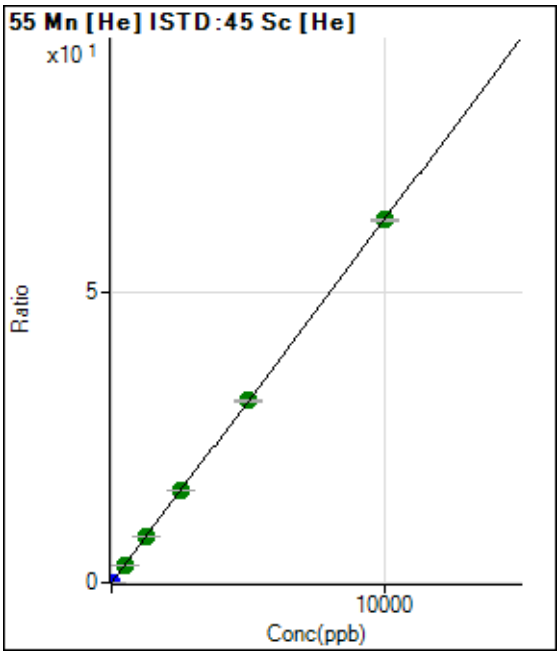



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2864.74 | 0.0049 | P | 1.8 |
| 2 | ☐ | 5.000 | 6.524 | 4352.89 | 0.0074 | P | 5.0 |
| 3 | ☐ | 50.000 | 58.330 | 16168.78 | 0.0273 | P | 1.3 |
| 4 | ☐ | 2500.000 | 2694.259 | 605344.62 | 1.0434 | P | 0.6 |
| 5 | ☐ | 6250.000 | 6651.484 | 1417313.59 | 2.5688 | A | 0.8 |
| 6 | ☐ | 12500.000 | 13399.187 | 2699769.92 | 5.1698 | A | 0.7 |
| 7 | ☐ | 25000.000 | 26545.223 | 5146177.53 | 10.2372 | A | 0.4 |
| 8 | ☐ | 50000.000 | 52614.169 | 10238490.82 | 20.2859 | A | 0.4 |
| 9 | ☐ | 250000.00 | 249265.70 | 50049790.92 | 96.0886 | A | 0.6 |

y = 3.8547E-004 * x + 0.0049
R = 0.9999
DL = 0.6797
BEC = 12.61

Weight: <None>
Min Conc: 0

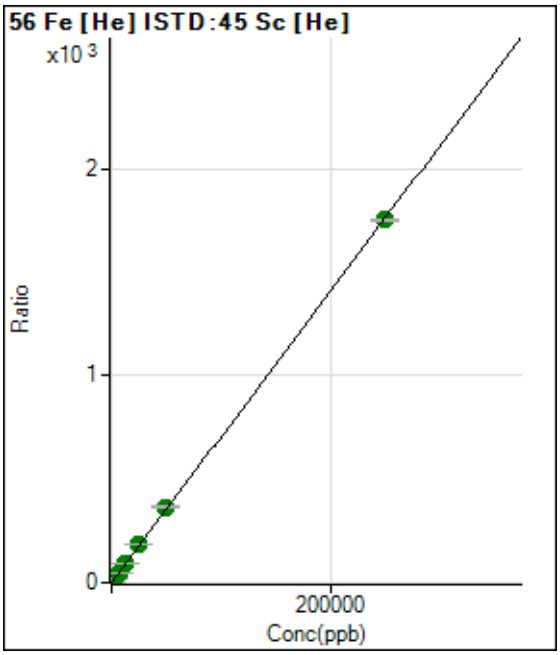
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 403.34 | 0.0007 | P | 8.6 |
| 2 | ☑ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.080 | 4390.69 | 0.0074 | P | 5.5 |
| 4 | ☐ | 500.000 | 493.750 | 1789783.74 | 3.0850 | A | 0.3 |
| 5 | ☐ | 1250.000 | 1251.265 | 4312743.37 | 7.8169 | A | 0.6 |
| 6 | ☐ | 2500.000 | 2526.560 | 8242332.93 | 15.7832 | A | 0.6 |
| 7 | ☐ | 5000.000 | 5005.628 | 15718719.63 | 31.2690 | A | 0.6 |
| 8 | ☐ | 10000.000 | 9990.700 | 31498016.47 | 62.4089 | A | 0.6 |
| 9 | ☐ | | | 17383.54 | 0.0334 | P | 3.4 |

y = 0.0062 * x + 6.8437E-004
R = 1.0000
DL = 0.02823
BEC = 0.1096

Weight: <None>
Min Conc: 0

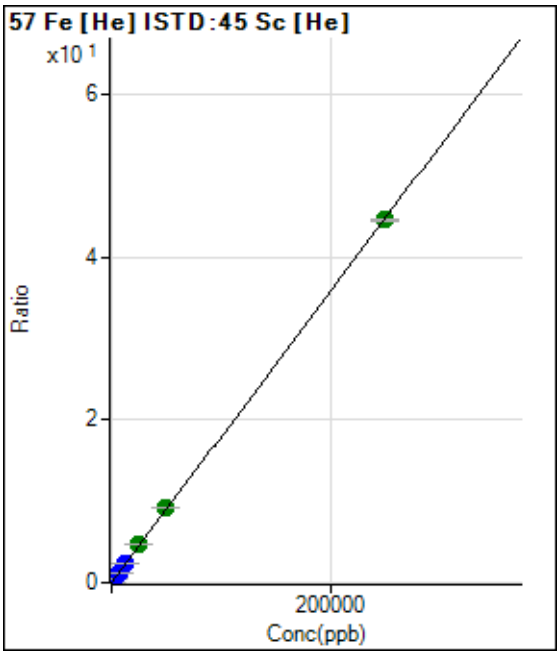



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 22837.45 | 0.0387 | P | 0.8 |
| 2 | ☐ | 5.000 | 5.949 | 47548.21 | 0.0806 | P | 1.1 |
| 3 | ☐ | 50.000 | 57.332 | 261242.85 | 0.4418 | P | 0.8 |
| 4 | ☐ | 2500.000 | 2594.632 | 10604989.21 | 18.2794 | A | 0.7 |
| 5 | ☐ | 6250.000 | 6570.533 | 25507071.01 | 46.2306 | A | 0.1 |
| 6 | ☐ | 12500.000 | 13148.632 | 48292846.50 | 92.4755 | A | 0.3 |
| 7 | ☐ | 25000.000 | 26213.608 | 92658494.17 | 184.3242 | A | 0.6 |
| 8 | ☐ | 50000.000 | 52071.145 | 184770257.2 | 366.1065 | A | 1.3 |
| 9 | ☐ | 250000.00 | 249423.01 | 913363230.8 | 1,753.518 | A | 0.3 |

y = 0.0070 * x + 0.0387
R = 1.0000
DL = 0.1289
BEC = 5.512

Weight: <None>
Min Conc: 0

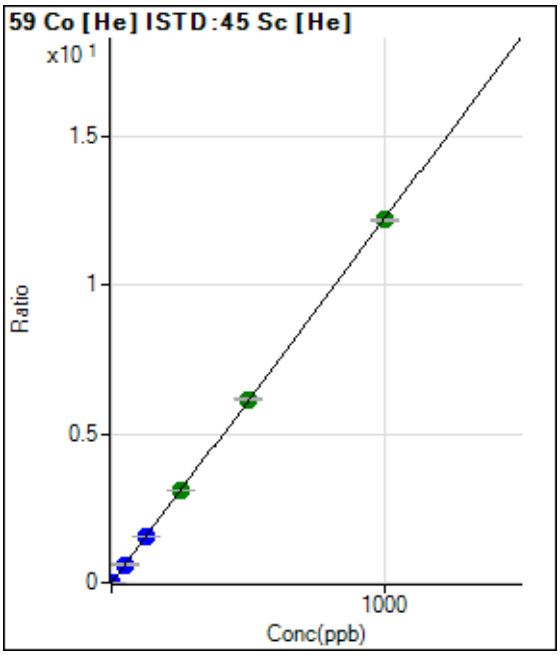
Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1811.24 | 0.0031 | P | 0.8 |
| 2 | ☐ | 5.000 | 7.811 | 2636.93 | 0.0045 | P | 2.6 |
| 3 | ☐ | 50.000 | 63.068 | 8475.80 | 0.0143 | P | 2.4 |
| 4 | ☐ | 2500.000 | 2622.829 | 273511.50 | 0.4714 | P | 0.6 |
| 5 | ☐ | 6250.000 | 6634.492 | 655359.96 | 1.1878 | P | 0.2 |
| 6 | ☐ | 12500.000 | 13248.968 | 1237147.74 | 2.3690 | P | 0.2 |
| 7 | ☐ | 25000.000 | 26087.267 | 2343377.62 | 4.6616 | A | 0.2 |
| 8 | ☐ | 50000.000 | 51283.294 | 4623507.67 | 9.1610 | A | 0.9 |
| 9 | ☐ | 250000.00 | 249586.32 | 23216938.27 | 44.5730 | A | 0.4 |

y = 1.7858E-004 * x + 0.0031
R = 1.0000
DL = 0.3995
BEC = 17.21

Weight: <None>
Min Conc: 0

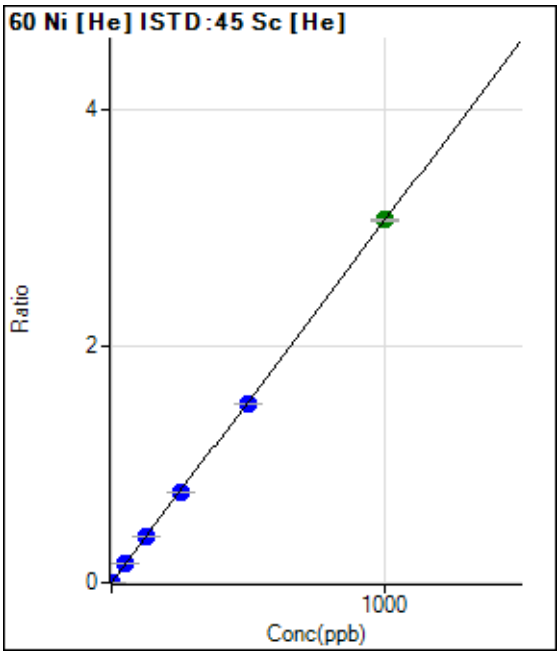



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 235.56 | 0.0004 | P | 12.0 |
| 2 | ☐ | 0.100 | 0.113 | 1052.27 | 0.0018 | P | 1.2 |
| 3 | ☐ | 1.000 | 1.123 | 8346.84 | 0.0141 | P | 2.0 |
| 4 | ☐ | 50.000 | 50.137 | 355503.75 | 0.6128 | P | 0.7 |
| 5 | ☐ | 125.000 | 126.443 | 852293.08 | 1.5448 | P | 0.6 |
| 6 | ☐ | 250.000 | 254.307 | 1622297.96 | 3.1065 | A | 0.3 |
| 7 | ☐ | 500.000 | 503.256 | 3090156.97 | 6.1472 | A | 1.3 |
| 8 | ☐ | 1000.000 | 997.108 | 6146853.45 | 12.1792 | A | 0.7 |
| 9 | ☐ | | | 18431.39 | 0.0354 | P | 0.7 |

y = 0.0122 * x + 3.9967E-004
R = 1.0000
DL = 0.01174
BEC = 0.03272

Weight: <None>
Min Conc: 0

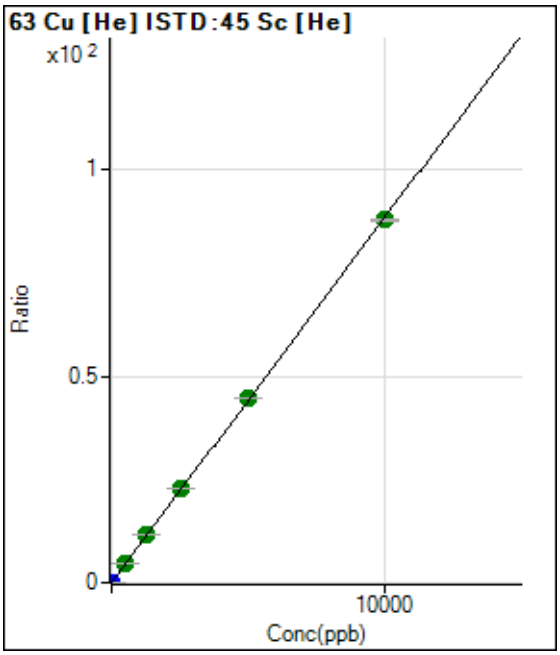
Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 971.15 | 0.0016 | P | 6.6 |
| 2 | ☑ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.110 | 2982.54 | 0.0050 | P | 2.2 |
| 4 | ☐ | 50.000 | 50.755 | 91046.24 | 0.1569 | P | 0.7 |
| 5 | ☐ | 125.000 | 127.608 | 216310.36 | 0.3921 | P | 0.6 |
| 6 | ☐ | 250.000 | 251.251 | 402291.94 | 0.7703 | P | 0.2 |
| 7 | ☐ | 500.000 | 492.554 | 758372.64 | 1.5086 | P | 0.2 |
| 8 | ☐ | 1000.000 | 1003.046 | 1549675.95 | 3.0705 | A | 0.5 |
| 9 | ☐ | | | 8072.25 | 0.0155 | P | 1.0 |

y = 0.0031 * x + 0.0016
R = 1.0000
DL = 0.1074
BEC = 0.5385

Weight: <None>
Min Conc: 0

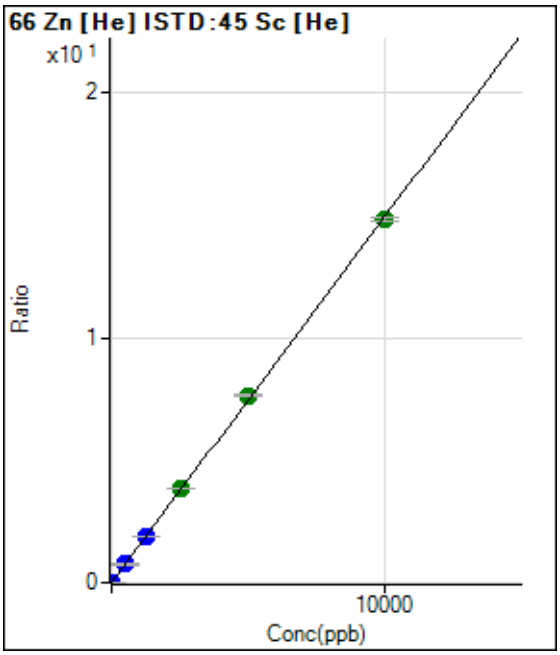



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3240.38 | 0.0055 | P | 6.2 |
| 2 | ☐ | 0.200 | 0.229 | 4437.37 | 0.0075 | P | 4.1 |
| 3 | ☐ | 2.000 | 2.084 | 14144.55 | 0.0239 | P | 1.2 |
| 4 | ☐ | 500.000 | 517.948 | 2660168.52 | 4.5852 | A | 1.0 |
| 5 | ☐ | 1250.000 | 1296.899 | 6330017.13 | 11.4728 | A | 0.8 |
| 6 | ☐ | 2500.000 | 2580.857 | 11919908.99 | 22.8256 | A | 1.0 |
| 7 | ☐ | 5000.000 | 5056.809 | 22479445.50 | 44.7182 | A | 0.9 |
| 8 | ☐ | 10000.000 | 9944.621 | 44382097.12 | 87.9366 | A | 0.7 |
| 9 | ☐ | | | 13754.19 | 0.0264 | P | 1.6 |

y = 0.0088 * x + 0.0055
R = 0.9999
DL = 0.1159
BEC = 0.6218

Weight: <None>
Min Conc: 0

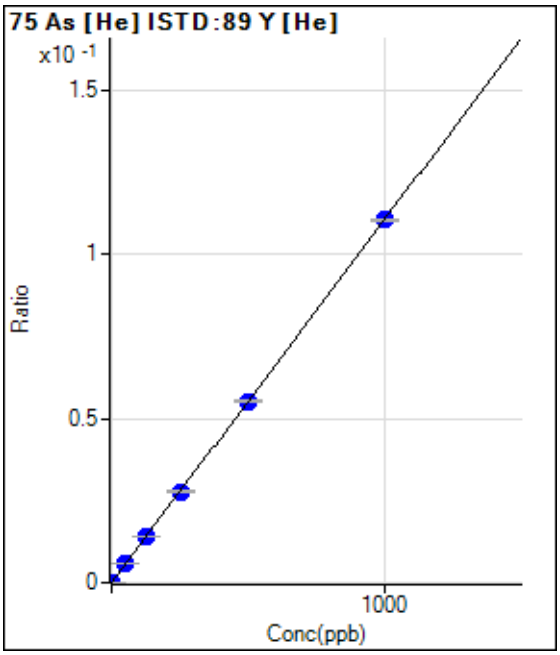
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 291.12 | 0.0005 | P | 11.4 |
| 2 | ☑ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 5.457 | 5104.26 | 0.0086 | P | 2.2 |
| 4 | ☐ | 500.000 | 501.305 | 434060.79 | 0.7482 | P | 1.0 |
| 5 | ☐ | 1250.000 | 1273.626 | 1048326.89 | 1.9001 | P | 0.6 |
| 6 | ☐ | 2500.000 | 2561.159 | 1995123.70 | 3.8205 | A | 0.1 |
| 7 | ☐ | 5000.000 | 5111.082 | 3832345.78 | 7.6237 | A | 0.8 |
| 8 | ☐ | 10000.000 | 9926.151 | 7472138.64 | 14.8053 | A | 1.1 |
| 9 | ☐ | | | 11142.01 | 0.0214 | P | 1.9 |

y = 0.0015 * x + 4.9393E-004
R = 0.9999
DL = 0.1131
BEC = 0.3312

Weight: <None>
Min Conc: 0

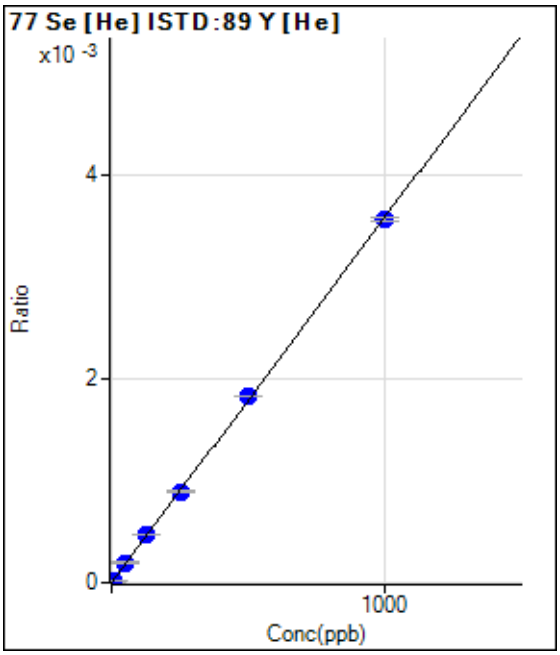



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 18.89 | 0.0000 | P | 21.7 |
| 2 | ☐ | 0.100 | 0.129 | 95.56 | 0.0000 | P | 8.8 |
| 3 | ☐ | 1.000 | 1.159 | 711.14 | 0.0001 | P | 10.6 |
| 4 | ☐ | 50.000 | 51.069 | 30236.32 | 0.0057 | P | 0.5 |
| 5 | ☐ | 125.000 | 127.324 | 73071.99 | 0.0141 | P | 1.6 |
| 6 | ☐ | 250.000 | 250.826 | 138383.15 | 0.0278 | P | 1.1 |
| 7 | ☐ | 500.000 | 499.876 | 265406.44 | 0.0553 | P | 1.3 |
| 8 | ☐ | 1000.000 | 999.511 | 529656.58 | 0.1107 | P | 0.9 |
| 9 | ☐ | | | 330.01 | 0.0001 | P | 23.5 |

y = 1.1070E-004 * x + 3.5198E-006
R = 1.0000
DL = 0.0207
BEC = 0.03179

Weight: <None>
Min Conc: 0

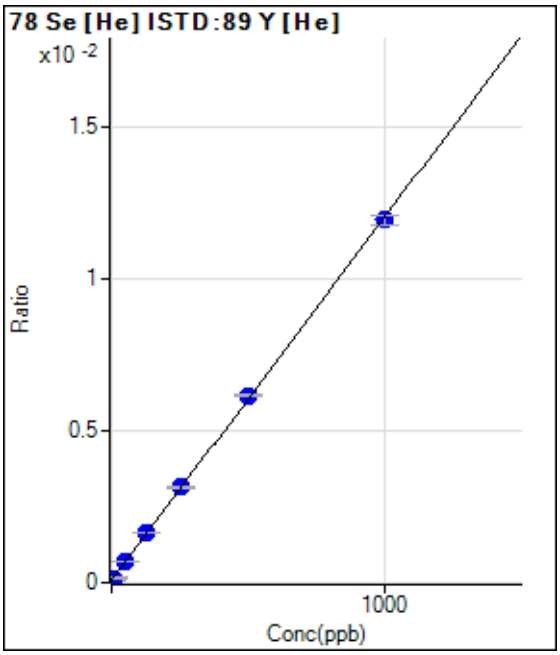
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | |
| 2 | ☐ | 0.500 | 0.464 | 8.89 | 0.0000 | P | 21.6 |
| 3 | ☐ | 5.000 | 5.653 | 108.89 | 0.0000 | P | 18.9 |
| 4 | ☐ | 50.000 | 54.616 | 1043.38 | 0.0002 | P | 3.7 |
| 5 | ☐ | 125.000 | 132.150 | 2448.01 | 0.0005 | P | 2.8 |
| 6 | ☐ | 250.000 | 249.402 | 4441.82 | 0.0009 | P | 3.4 |
| 7 | ☐ | 500.000 | 509.303 | 8729.31 | 0.0018 | P | 0.2 |
| 8 | ☐ | 1000.000 | 994.370 | 17009.84 | 0.0036 | P | 1.2 |
| 9 | ☐ | | | 6.67 | 0.0000 | P | 49.7 |

y = 3.5737E-006 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

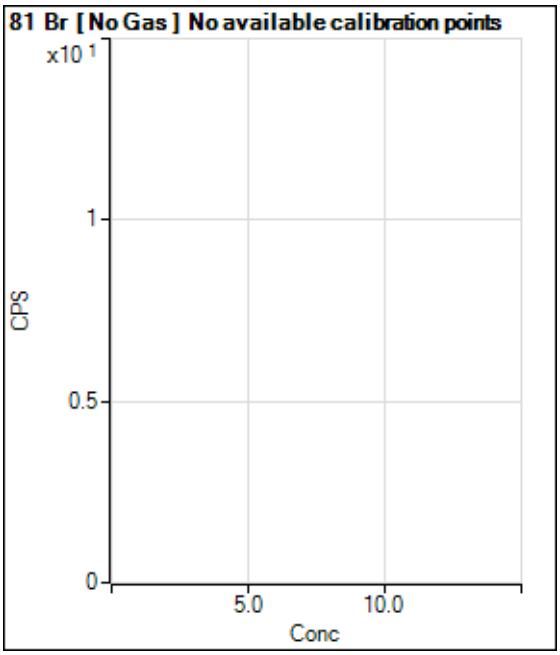



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 398.90 | 0.0001 | P | 9.4 |
| 2 | ☐ | 0.500 | 0.535 | 432.23 | 0.0001 | P | 8.8 |
| 3 | ☐ | 5.000 | 6.307 | 806.70 | 0.0001 | P | 11.8 |
| 4 | ☐ | 50.000 | 51.128 | 3664.93 | 0.0007 | P | 2.6 |
| 5 | ☐ | 125.000 | 130.500 | 8475.82 | 0.0016 | P | 2.1 |
| 6 | ☐ | 250.000 | 256.199 | 15642.79 | 0.0031 | P | 0.6 |
| 7 | ☐ | 500.000 | 509.249 | 29572.91 | 0.0062 | P | 0.8 |
| 8 | ☐ | 1000.000 | 993.075 | 57214.46 | 0.0120 | P | 2.7 |
| 9 | ☐ | | | 340.01 | 0.0001 | P | 7.8 |

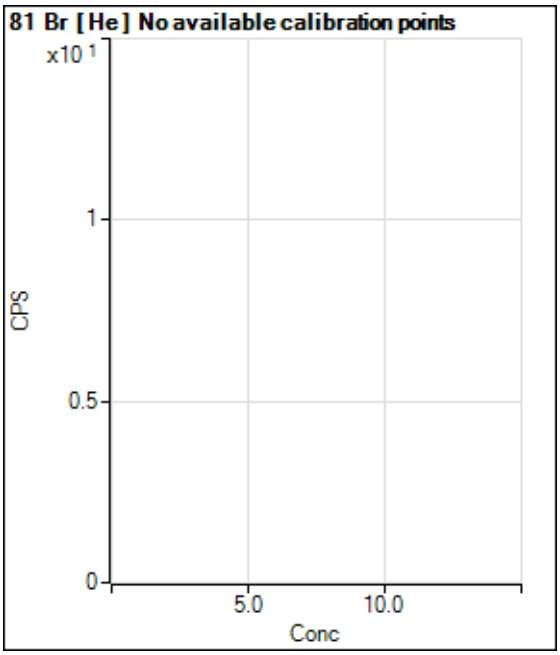
y = 1.1963E-005 * x + 7.4162E-005
R = 0.9999
DL = 1.749
BEC = 6.199

Weight: <None>
Min Conc: 0

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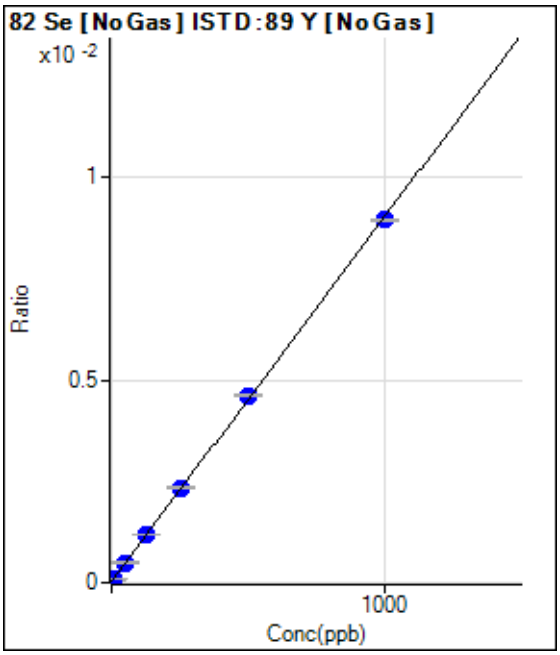



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 14142.44 | | P | 1.6 |
| 2 | ☐ | | | 13396.15 | | P | 1.0 |
| 3 | ☐ | | | 13626.39 | | P | 2.4 |
| 4 | ☐ | | | 13674.22 | | P | 1.5 |
| 5 | ☐ | | | 12685.55 | | P | 0.8 |
| 6 | ☐ | | | 11958.28 | | P | 2.6 |
| 7 | ☐ | | | 11126.50 | | P | 1.3 |
| 8 | ☐ | | | 11385.60 | | P | 3.3 |
| 9 | ☐ | | | 12097.27 | | P | 0.9 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 157.78 | | P | 14.1 |
| 2 | ☐ | | | 128.89 | | P | 12.2 |
| 3 | ☐ | | | 131.11 | | P | 10.6 |
| 4 | ☐ | | | 157.78 | | P | 18.5 |
| 5 | ☐ | | | 114.45 | | P | 26.4 |
| 6 | ☐ | | | 121.12 | | P | 5.7 |
| 7 | ☐ | | | 120.00 | | P | 22.0 |
| 8 | ☐ | | | 115.55 | | P | 26.2 |
| 9 | ☐ | | | 133.34 | | P | 13.2 |

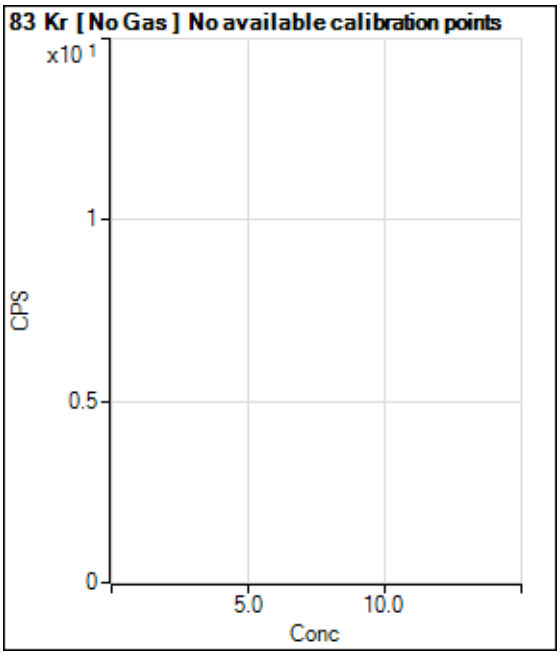
Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 476.97 | 0.0000 | P | 4.0 |
| 2 | ☑ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 6.096 | 1491.58 | 0.0001 | P | 3.9 |
| 4 | ☐ | 50.000 | 51.969 | 9160.72 | 0.0005 | P | 2.1 |
| 5 | ☐ | 125.000 | 130.795 | 21740.33 | 0.0012 | P | 0.4 |
| 6 | ☐ | 250.000 | 257.746 | 40708.52 | 0.0023 | P | 0.5 |
| 7 | ☐ | 500.000 | 510.248 | 77129.42 | 0.0046 | P | 1.3 |
| 8 | ☐ | 1000.000 | 992.111 | 149497.70 | 0.0089 | P | 0.7 |
| 9 | ☐ | | | 616.27 | 0.0000 | P | 5.2 |

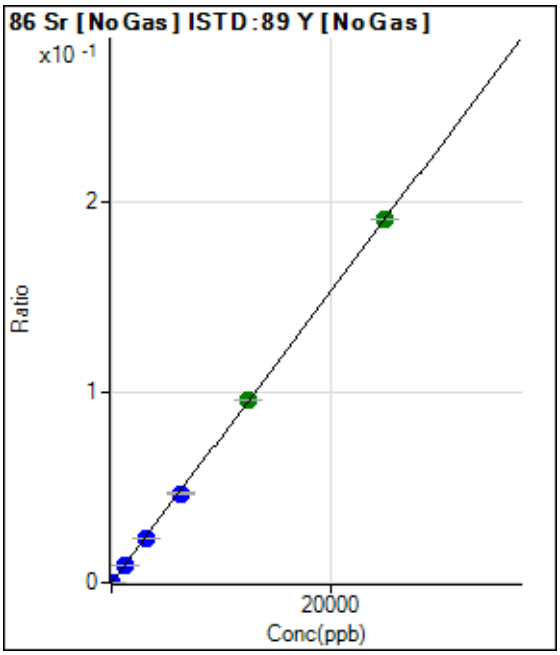
y = 8.9931E-006 * x + 2.5639E-005
R = 0.9999
DL = 0.3405
BEC = 2.851

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 222.23 | | P | 3.5 |
| 2 | ☐ | | | 188.89 | | P | 15.0 |
| 3 | ☐ | | | 178.89 | | P | 13.7 |
| 4 | ☐ | | | 212.22 | | P | 9.2 |
| 5 | ☐ | | | 176.67 | | P | 5.0 |
| 6 | ☐ | | | 164.45 | | P | 16.4 |
| 7 | ☐ | | | 174.45 | | P | 6.7 |
| 8 | ☐ | | | 178.89 | | P | 15.5 |
| 9 | ☐ | | | 183.34 | | P | 23.8 |

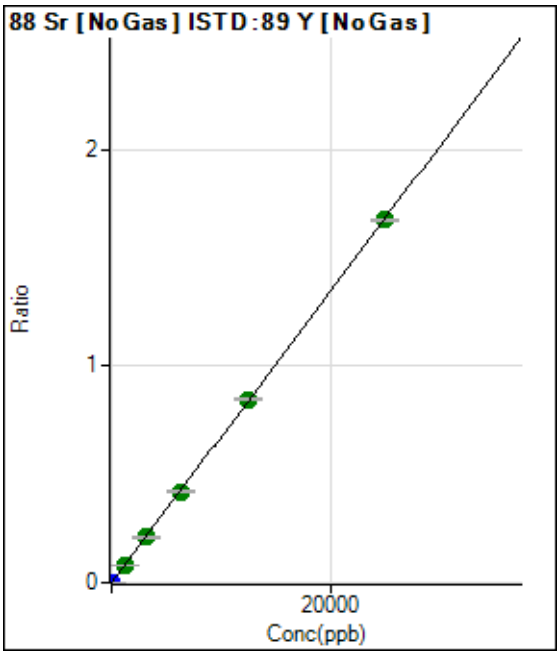
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 351.12 | 0.0000 | P | 4.2 |
| 2 | ☐ | 0.100 | 2.047 | 638.91 | 0.0000 | P | 4.9 |
| 3 | ☐ | 1.000 | 26.443 | 4095.06 | 0.0002 | P | 3.5 |
| 4 | ☐ | 1250.000 | 1219.866 | 173453.24 | 0.0093 | P | 1.2 |
| 5 | ☐ | 3125.000 | 3076.793 | 425357.68 | 0.0235 | P | 1.2 |
| 6 | ☐ | 6250.000 | 6145.573 | 815559.15 | 0.0470 | P | 1.4 |
| 7 | ☐ | 12500.000 | 12592.017 | 1607784.25 | 0.0962 | A | 0.7 |
| 8 | ☐ | 25000.000 | 24987.630 | 3188742.94 | 0.1909 | A | 0.1 |
| 9 | ☐ | | | 9480.90 | 0.0006 | P | 4.3 |

y = 7.6370E-006 * x + 1.8877E-005
R = 1.0000
DL = 0.3081
BEC = 2.472

Weight: <None>
Min Conc: 0

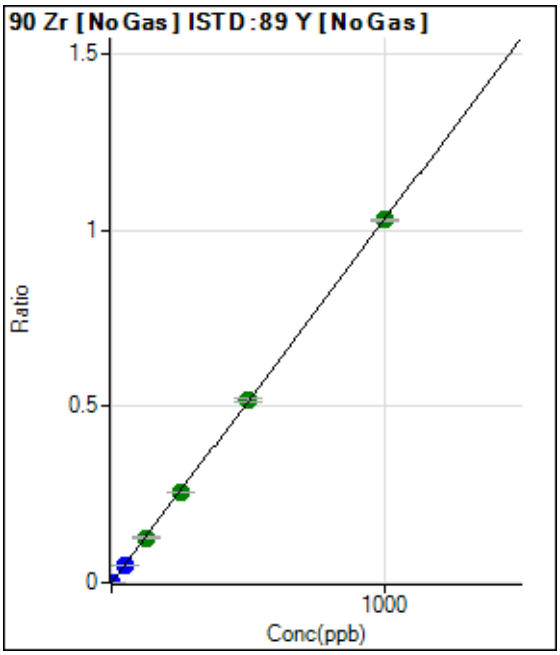



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 224.45 | 0.0000 | P | 3.7 |
| 2 | ☐ | 0.100 | 2.692 | 3571.58 | 0.0002 | P | 1.6 |
| 3 | ☐ | 1.000 | 26.230 | 32883.43 | 0.0018 | P | 0.8 |
| 4 | ☐ | 1250.000 | 1236.067 | 1542638.64 | 0.0830 | A | 0.9 |
| 5 | ☐ | 3125.000 | 3124.332 | 3795159.18 | 0.2098 | A | 1.4 |
| 6 | ☐ | 6250.000 | 6263.806 | 7306787.32 | 0.4206 | A | 1.2 |
| 7 | ☐ | 12500.000 | 12594.021 | 14137047.01 | 0.8457 | A | 1.0 |
| 8 | ☐ | 25000.000 | 24950.317 | 27994420.97 | 1.6755 | A | 0.2 |
| 9 | ☐ | | | 83146.53 | 0.0051 | P | 0.8 |

y = 6.7154E-005 * x + 1.2060E-005
R = 1.0000
DL = 0.01977
BEC = 0.1796

Weight: <None>
Min Conc: 0

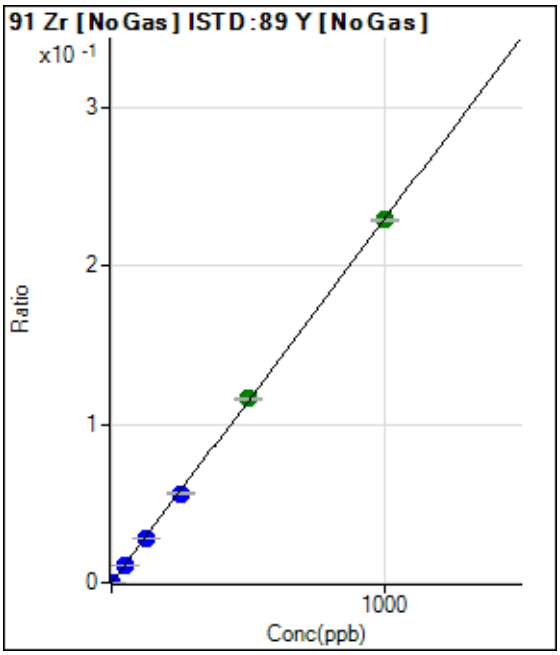
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1723.45 | 0.0001 | P | 1.8 |
| 2 | ☐ | 0.100 | 0.107 | 3753.85 | 0.0002 | P | 5.2 |
| 3 | ☐ | 1.000 | 1.043 | 21652.72 | 0.0012 | P | 2.5 |
| 4 | ☐ | 50.000 | 48.402 | 929214.85 | 0.0500 | P | 0.6 |
| 5 | ☐ | 125.000 | 124.187 | 2318209.57 | 0.1282 | A | 1.2 |
| 6 | ☐ | 250.000 | 249.057 | 4462991.60 | 0.2569 | A | 1.3 |
| 7 | ☐ | 500.000 | 502.382 | 8661379.66 | 0.5182 | A | 1.4 |
| 8 | ☐ | 1000.000 | 999.226 | 17218303.08 | 1.0306 | A | 0.7 |
| 9 | ☐ | | | 11950.50 | 0.0007 | P | 1.3 |

y = 0.0010 * x + 9.2639E-005
R = 1.0000
DL = 0.004978
BEC = 0.08983

Weight: <None>
Min Conc: 0

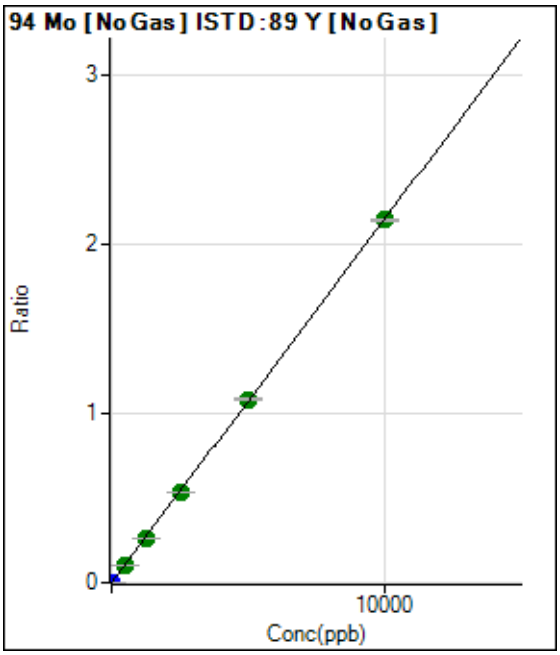



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 174.45 | 0.0000 | P | 4.5 |
| 2 | ☐ | 0.100 | 0.090 | 554.46 | 0.0000 | P | 5.5 |
| 3 | ☐ | 1.000 | 1.026 | 4539.63 | 0.0002 | P | 4.5 |
| 4 | ☐ | 50.000 | 48.845 | 208417.40 | 0.0112 | P | 0.8 |
| 5 | ☐ | 125.000 | 122.670 | 509266.31 | 0.0282 | P | 0.6 |
| 6 | ☐ | 250.000 | 246.028 | 980658.42 | 0.0565 | P | 2.0 |
| 7 | ☐ | 500.000 | 505.958 | 1940590.27 | 0.1161 | A | 0.9 |
| 8 | ☐ | 1000.000 | 998.363 | 3827303.28 | 0.2291 | A | 0.4 |
| 9 | ☐ | | | 2514.69 | 0.0002 | P | 8.3 |

y = 2.2944E-004 * x + 9.3764E-006
R = 1.0000
DL = 0.005495
BEC = 0.04087

Weight: <None>
Min Conc: 0

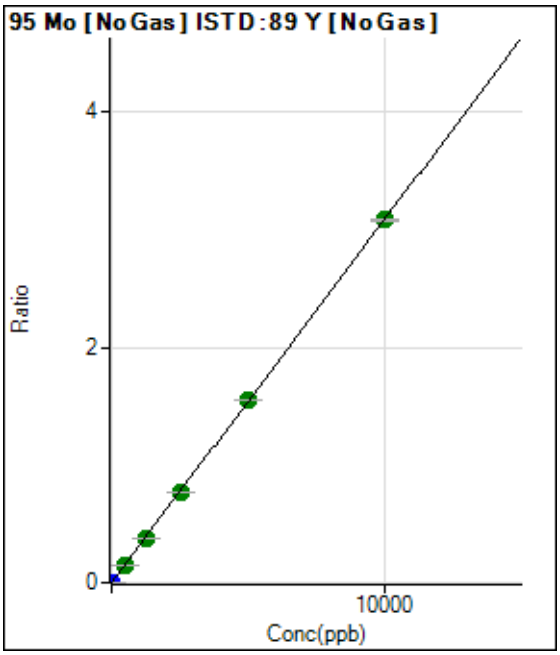
Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 494.46 | 0.0000 | P | 10.7 |
| 2 | ☐ | 0.500 | 0.624 | 2969.22 | 0.0002 | P | 7.7 |
| 3 | ☐ | 5.000 | 6.055 | 24560.68 | 0.0013 | P | 1.4 |
| 4 | ☐ | 500.000 | 494.893 | 1971913.46 | 0.1061 | A | 1.3 |
| 5 | ☐ | 1250.000 | 1240.036 | 4809191.80 | 0.2659 | A | 0.4 |
| 6 | ☐ | 2500.000 | 2491.220 | 9277364.37 | 0.5341 | A | 1.0 |
| 7 | ☐ | 5000.000 | 5039.961 | 18060660.98 | 1.0805 | A | 1.3 |
| 8 | ☐ | 10000.000 | 9983.715 | 35760430.58 | 2.1404 | A | 0.6 |
| 9 | ☐ | | | 10062.43 | 0.0006 | P | 4.5 |

y = 2.1438E-004 * x + 2.6553E-005
R = 1.0000
DL = 0.03971
BEC = 0.1239

Weight: <None>
Min Conc: 0

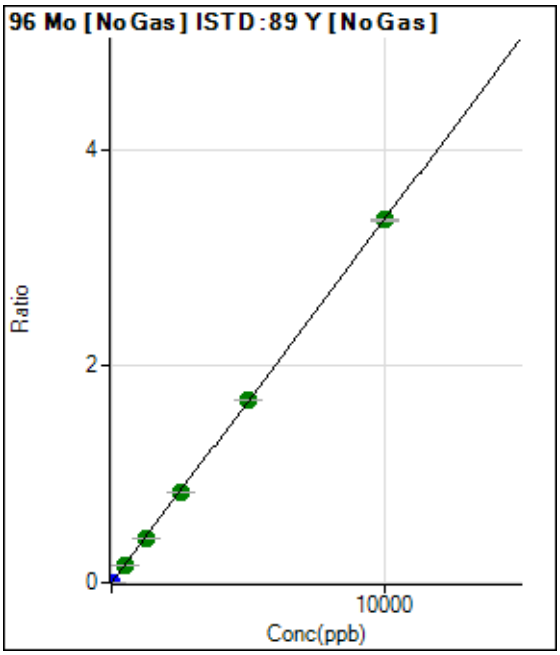



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 396.67 | 0.0000 | P | 2.7 |
| 2 | ☐ | 0.500 | 0.543 | 3500.45 | 0.0002 | P | 1.2 |
| 3 | ☐ | 5.000 | 5.094 | 29554.28 | 0.0016 | P | 1.6 |
| 4 | ☐ | 500.000 | 494.149 | 2835617.49 | 0.1526 | A | 0.4 |
| 5 | ☐ | 1250.000 | 1239.592 | 6923643.92 | 0.3828 | A | 0.6 |
| 6 | ☐ | 2500.000 | 2495.772 | 13386155.22 | 0.7706 | A | 1.0 |
| 7 | ☐ | 5000.000 | 5020.847 | 25914556.84 | 1.5503 | A | 0.5 |
| 8 | ☐ | 10000.000 | 9992.227 | 51549217.01 | 3.0853 | A | 0.5 |
| 9 | ☐ | | | 9784.46 | 0.0006 | P | 4.2 |

y = 3.0877E-004 * x + 2.1315E-005
R = 1.0000
DL = 0.005517
BEC = 0.06903

Weight: <None>
Min Conc: 0

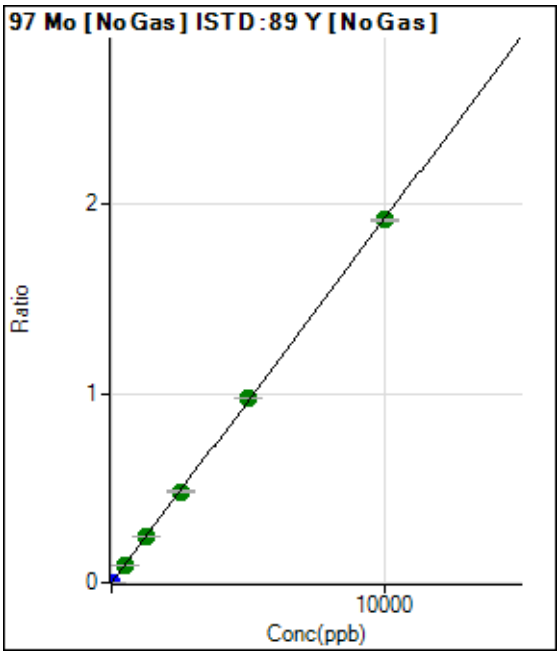
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 516.68 | 0.0000 | P | 12.9 |
| 2 | ☐ | 0.500 | 0.555 | 3962.79 | 0.0002 | P | 3.0 |
| 3 | ☐ | 5.000 | 5.246 | 33159.84 | 0.0018 | P | 2.0 |
| 4 | ☐ | 500.000 | 492.682 | 3073661.21 | 0.1654 | A | 0.2 |
| 5 | ☐ | 1250.000 | 1236.640 | 7509036.97 | 0.4151 | A | 1.1 |
| 6 | ☐ | 2500.000 | 2495.370 | 14550364.78 | 0.8377 | A | 1.2 |
| 7 | ☐ | 5000.000 | 5026.178 | 28202468.75 | 1.6872 | A | 0.7 |
| 8 | ☐ | 10000.000 | 9990.104 | 56029656.94 | 3.3535 | A | 0.2 |
| 9 | ☐ | | | 19340.72 | 0.0012 | P | 2.6 |

y = 3.3568E-004 * x + 2.7741E-005
R = 1.0000
DL = 0.03208
BEC = 0.08264

Weight: <None>
Min Conc: 0

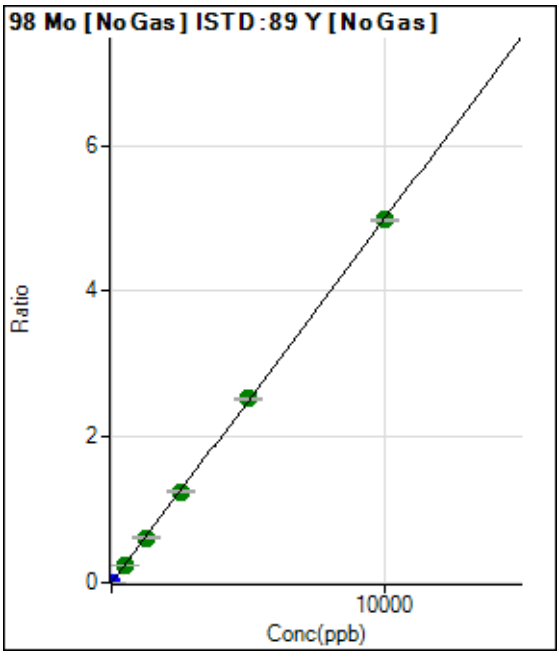



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 286.67 | 0.0000 | P | 7.4 |
| 2 | ☐ | 0.500 | 0.527 | 2162.40 | 0.0001 | P | 5.4 |
| 3 | ☐ | 5.000 | 5.211 | 18858.93 | 0.0010 | P | 2.8 |
| 4 | ☐ | 500.000 | 495.244 | 1769536.69 | 0.0952 | A | 0.6 |
| 5 | ☐ | 1250.000 | 1248.064 | 4340547.23 | 0.2400 | A | 0.8 |
| 6 | ☐ | 2500.000 | 2502.278 | 8356607.38 | 0.4811 | A | 1.7 |
| 7 | ☐ | 5000.000 | 5062.265 | 16269423.37 | 0.9733 | A | 0.2 |
| 8 | ☐ | 10000.000 | 9968.778 | 32022321.75 | 1.9166 | A | 0.3 |
| 9 | ☐ | | | 6069.09 | 0.0004 | P | 6.6 |

y = 1.9226E-004 * x + 1.5417E-005
R = 1.0000
DL = 0.01776
BEC = 0.08019

Weight: <None>
Min Conc: 0

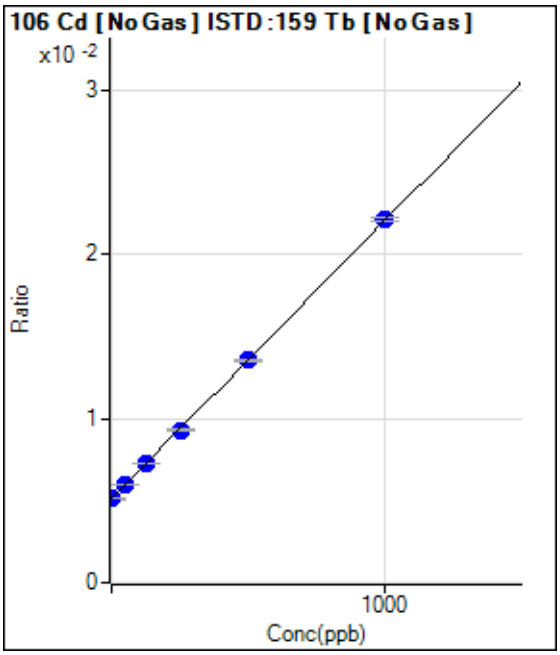
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 718.91 | 0.0000 | P | 9.3 |
| 2 | ☐ | 0.500 | 0.539 | 5688.94 | 0.0003 | P | 5.8 |
| 3 | ☐ | 5.000 | 5.161 | 48437.71 | 0.0026 | P | 1.4 |
| 4 | ☐ | 500.000 | 493.734 | 4576644.31 | 0.2463 | A | 0.3 |
| 5 | ☐ | 1250.000 | 1237.163 | 11162027.33 | 0.6171 | A | 1.0 |
| 6 | ☐ | 2500.000 | 2496.632 | 21630014.26 | 1.2453 | A | 1.5 |
| 7 | ☐ | 5000.000 | 5051.825 | 42119081.60 | 2.5197 | A | 0.7 |
| 8 | ☐ | 10000.000 | 9976.847 | 83140003.76 | 4.9761 | A | 0.5 |
| 9 | ☐ | | | 14978.93 | 0.0009 | P | 8.0 |

y = 4.9876E-004 * x + 3.8663E-005
R = 1.0000
DL = 0.02156
BEC = 0.07752

Weight: <None>
Min Conc: 0

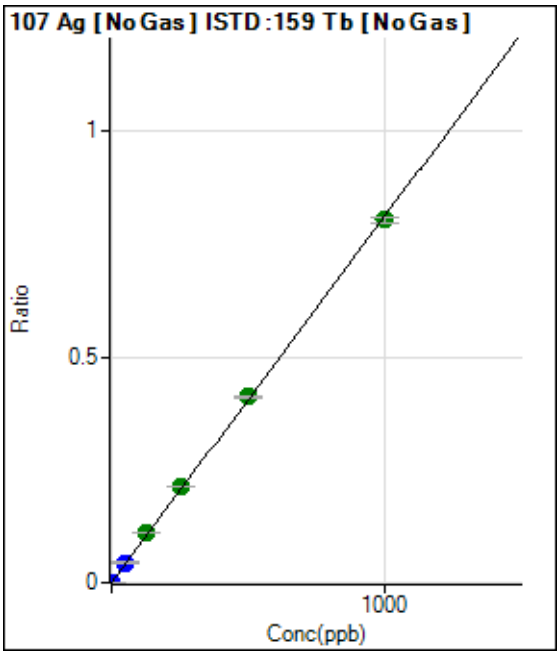



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 84272.54 | 0.0051 | P | 1.7 |
| 2 | ☐ | 0.100 | 1.980 | 83731.68 | 0.0052 | P | 0.4 |
| 3 | ☐ | 1.000 | 0.323 | 84077.17 | 0.0051 | P | 1.0 |
| 4 | ☐ | 50.000 | 52.141 | 99524.68 | 0.0060 | P | 0.4 |
| 5 | ☐ | 125.000 | 126.162 | 120217.57 | 0.0073 | P | 0.4 |
| 6 | ☐ | 250.000 | 245.091 | 152323.31 | 0.0093 | P | 0.8 |
| 7 | ☐ | 500.000 | 496.481 | 219898.19 | 0.0135 | P | 0.1 |
| 8 | ☐ | 1000.000 | 1002.735 | 356176.06 | 0.0221 | P | 1.0 |
| 9 | ☐ | | | 72040.76 | 0.0047 | P | 0.6 |

y = 1.6930E-005 * x + 0.0051
R = 1.0000
DL = 15.02
BEC = 303.1

Weight: <None>
Min Conc: 0

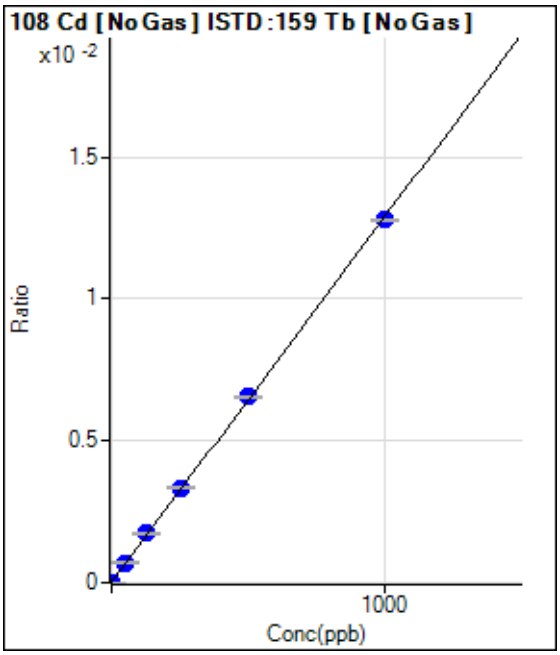
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 174.45 | 0.0000 | P | 8.2 |
| 2 | ☐ | 0.100 | 0.115 | 1682.34 | 0.0001 | P | 5.6 |
| 3 | ☐ | 1.000 | 1.123 | 15074.60 | 0.0009 | P | 2.7 |
| 4 | ☐ | 50.000 | 54.944 | 737264.43 | 0.0446 | P | 1.6 |
| 5 | ☐ | 125.000 | 135.088 | 1811840.95 | 0.1095 | A | 1.3 |
| 6 | ☐ | 250.000 | 263.133 | 3501818.59 | 0.2134 | A | 0.9 |
| 7 | ☐ | 500.000 | 508.501 | 6697524.28 | 0.4123 | A | 1.1 |
| 8 | ☐ | 1000.000 | 990.958 | 12945134.67 | 0.8035 | A | 1.6 |
| 9 | ☐ | | | 3091.48 | 0.0002 | P | 7.4 |

y = 8.1086E-004 * x + 1.0620E-005
R = 0.9998
DL = 0.00324
BEC = 0.0131

Weight: <None>
Min Conc: 0

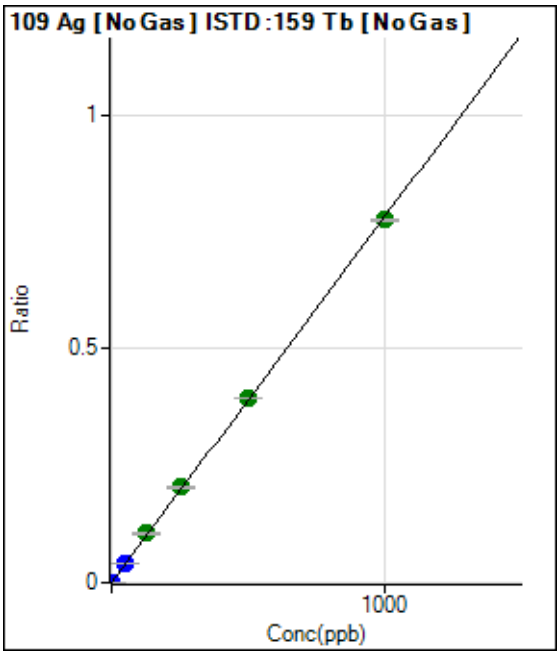



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 187.78 | 0.0000 | P | 9.9 |
| 2 | ☐ | 0.100 | 0.122 | 211.12 | 0.0000 | P | 17.8 |
| 3 | ☐ | 1.000 | 1.022 | 402.23 | 0.0000 | P | 5.0 |
| 4 | ☐ | 50.000 | 54.354 | 11754.83 | 0.0007 | P | 2.5 |
| 5 | ☐ | 125.000 | 133.434 | 28578.16 | 0.0017 | P | 0.7 |
| 6 | ☐ | 250.000 | 258.358 | 54722.64 | 0.0033 | P | 1.8 |
| 7 | ☐ | 500.000 | 508.009 | 106322.60 | 0.0065 | P | 1.1 |
| 8 | ☐ | 1000.000 | 992.634 | 205874.23 | 0.0128 | P | 0.9 |
| 9 | ☐ | | | 225.56 | 0.0000 | P | 8.3 |

y = 1.2862E-005 * x + 1.1430E-005
R = 0.9999
DL = 0.2636
BEC = 0.8887

Weight: <None>
Min Conc: 0

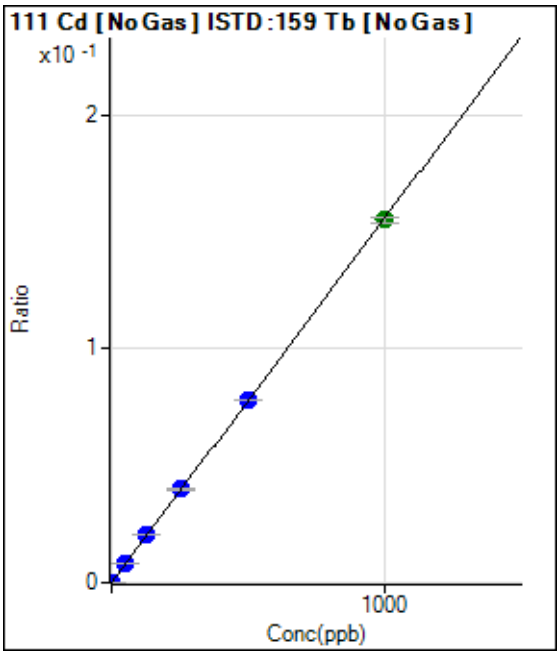
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 60.00 | 0.0000 | P | 17.5 |
| 2 | ☐ | 0.100 | 0.115 | 1516.76 | 0.0001 | P | 3.3 |
| 3 | ☐ | 1.000 | 1.111 | 14270.46 | 0.0009 | P | 2.9 |
| 4 | ☐ | 50.000 | 54.329 | 702642.33 | 0.0425 | P | 1.9 |
| 5 | ☐ | 125.000 | 134.508 | 1738949.49 | 0.1051 | A | 1.6 |
| 6 | ☐ | 250.000 | 262.360 | 3365632.93 | 0.2051 | A | 1.7 |
| 7 | ☐ | 500.000 | 505.846 | 6422736.29 | 0.3954 | A | 0.6 |
| 8 | ☐ | 1000.000 | 992.582 | 12499668.43 | 0.7759 | A | 0.9 |
| 9 | ☐ | | | 2786.96 | 0.0002 | P | 10.7 |

y = 7.8166E-004 * x + 3.6578E-006
R = 0.9999
DL = 0.002455
BEC = 0.00468

Weight: <None>
Min Conc: 0

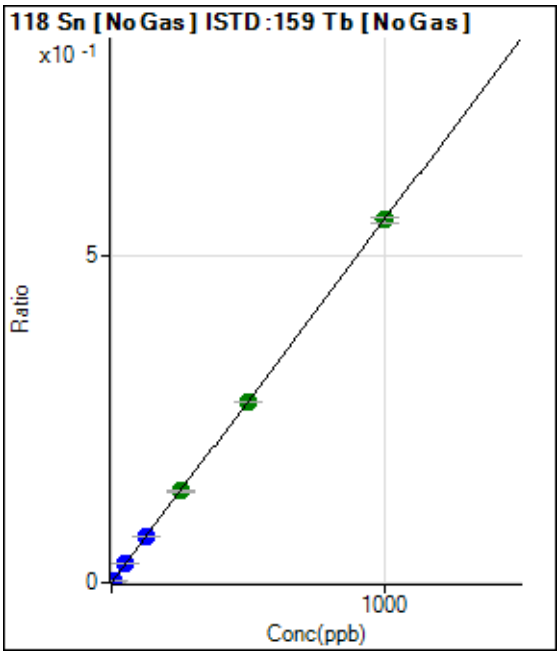



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 335.47 | 0.0000 | P | 5.9 |
| 2 | ☑ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.224 | 3455.90 | 0.0002 | P | 2.6 |
| 4 | ☐ | 50.000 | 53.600 | 138560.47 | 0.0084 | P | 1.2 |
| 5 | ☐ | 125.000 | 133.006 | 343199.86 | 0.0208 | P | 1.9 |
| 6 | ☐ | 250.000 | 257.005 | 657739.75 | 0.0401 | P | 1.4 |
| 7 | ☐ | 500.000 | 501.903 | 1271038.57 | 0.0782 | P | 0.7 |
| 8 | ☐ | 1000.000 | 996.116 | 2501579.61 | 0.1553 | A | 1.6 |
| 9 | ☐ | | | 799.00 | 0.0001 | P | 5.5 |

y = 1.5586E-004 * x + 2.0439E-005
R = 1.0000
DL = 0.02324
BEC = 0.1311

Weight: <None>
Min Conc: 0

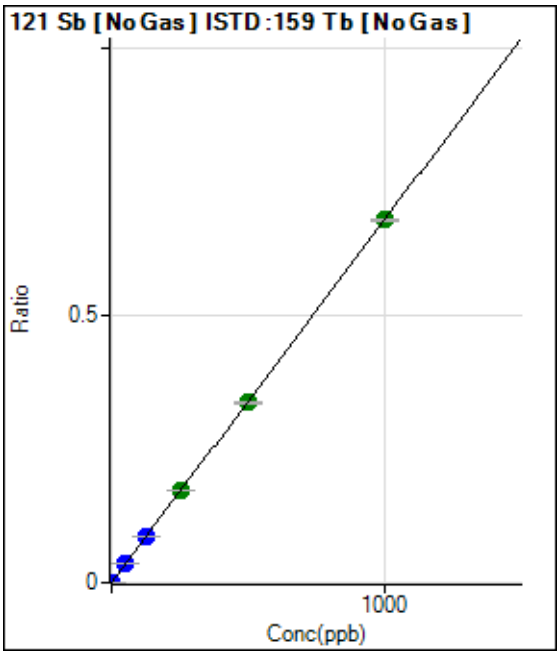
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1096.72 | 0.0001 | P | 3.8 |
| 2 | ☐ | 0.500 | 0.553 | 6062.44 | 0.0004 | P | 3.8 |
| 3 | ☐ | 5.000 | 5.576 | 51761.35 | 0.0032 | P | 2.3 |
| 4 | ☐ | 50.000 | 51.477 | 474165.56 | 0.0287 | P | 1.2 |
| 5 | ☐ | 125.000 | 126.463 | 1162847.04 | 0.0703 | P | 1.4 |
| 6 | ☐ | 250.000 | 251.993 | 2298138.80 | 0.1400 | A | 1.6 |
| 7 | ☐ | 500.000 | 499.849 | 4510901.63 | 0.2777 | A | 0.1 |
| 8 | ☐ | 1000.000 | 999.318 | 8943102.65 | 0.5551 | A | 1.7 |
| 9 | ☐ | | | 3273.74 | 0.0002 | P | 7.9 |

y = 5.5544E-004 * x + 6.6790E-005
R = 1.0000
DL = 0.01357
BEC = 0.1202

Weight: <None>
Min Conc: 0

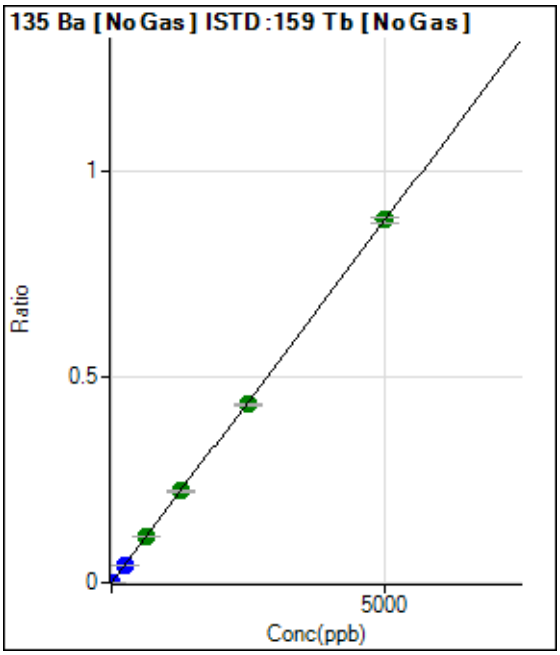



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 47.78 | 0.0000 | P | 35.3 |
| 2 | ☐ | 0.200 | 0.215 | 2419.12 | 0.0001 | P | 2.9 |
| 3 | ☐ | 2.000 | 2.202 | 24504.29 | 0.0015 | P | 2.6 |
| 4 | ☐ | 50.000 | 50.806 | 570737.92 | 0.0345 | P | 1.4 |
| 5 | ☐ | 125.000 | 126.165 | 1416793.97 | 0.0857 | P | 1.0 |
| 6 | ☐ | 250.000 | 254.556 | 2836383.01 | 0.1728 | A | 1.5 |
| 7 | ☐ | 500.000 | 497.564 | 5487211.73 | 0.3378 | A | 0.9 |
| 8 | ☐ | 1000.000 | 999.893 | 10936874.14 | 0.6789 | A | 0.8 |
| 9 | ☐ | | | 5951.30 | 0.0004 | P | 11.1 |

y = 6.7893E-004 * x + 2.9128E-006
R = 1.0000
DL = 0.004547
BEC = 0.00429

Weight: <None>
Min Conc: 0

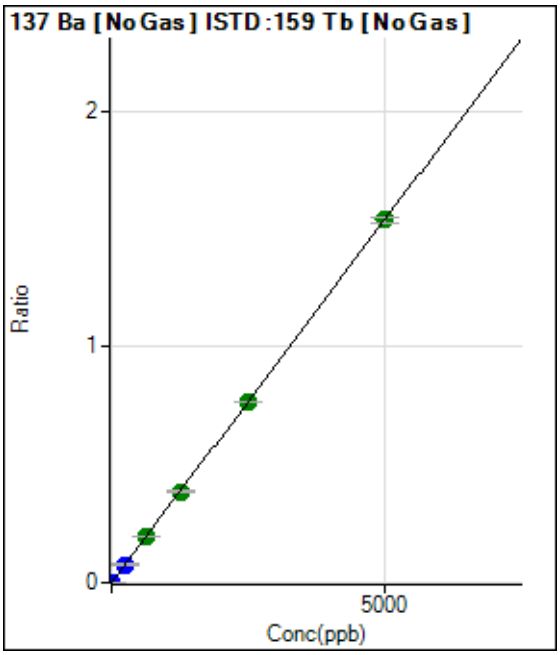
Reviewed By:Mohan
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 52.22 | 0.0000 | P | 17.7 |
| 2 | ☐ | 1.000 | 1.096 | 3173.73 | 0.0002 | P | 5.4 |
| 3 | ☐ | 10.000 | 10.851 | 31277.67 | 0.0019 | P | 1.5 |
| 4 | ☐ | 250.000 | 250.469 | 728784.53 | 0.0440 | P | 1.5 |
| 5 | ☐ | 625.000 | 641.689 | 1866505.70 | 0.1128 | A | 0.7 |
| 6 | ☐ | 1250.000 | 1268.264 | 3660328.87 | 0.2230 | A | 1.9 |
| 7 | ☐ | 2500.000 | 2462.436 | 7033977.05 | 0.4330 | A | 0.6 |
| 8 | ☐ | 5000.000 | 5012.104 | 14199926.18 | 0.8814 | A | 1.3 |
| 9 | ☐ | | | 6375.93 | 0.0004 | P | 0.7 |

y = 1.7586E-004 * x + 3.1782E-006
R = 1.0000
DL = 0.009599
BEC = 0.01807

Weight: <None>
Min Conc: 0

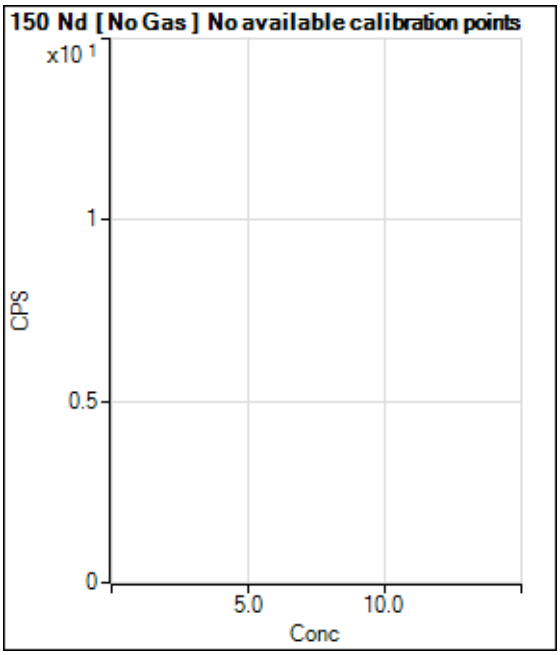



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 93.33 | 0.0000 | P | 8.9 |
| 2 | ☐ | 1.000 | 1.089 | 5516.68 | 0.0003 | P | 3.1 |
| 3 | ☐ | 10.000 | 10.764 | 54214.97 | 0.0033 | P | 1.9 |
| 4 | ☐ | 250.000 | 250.649 | 1274435.81 | 0.0770 | P | 1.6 |
| 5 | ☐ | 625.000 | 643.353 | 3269958.39 | 0.1977 | A | 1.4 |
| 6 | ☐ | 1250.000 | 1253.574 | 6322102.61 | 0.3852 | A | 1.4 |
| 7 | ☐ | 2500.000 | 2487.907 | 12418793.70 | 0.7645 | A | 0.5 |
| 8 | ☐ | 5000.000 | 5002.825 | 24767707.41 | 1.5374 | A | 1.5 |
| 9 | ☐ | | | 11160.02 | 0.0007 | P | 3.3 |

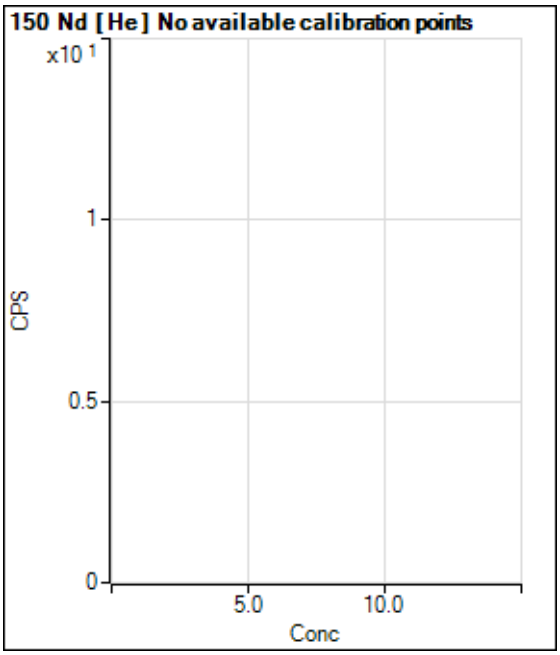
y = 3.0730E-004 * x + 5.6827E-006
R = 1.0000
DL = 0.004921
BEC = 0.01849

Weight: <None>
Min Conc: 0

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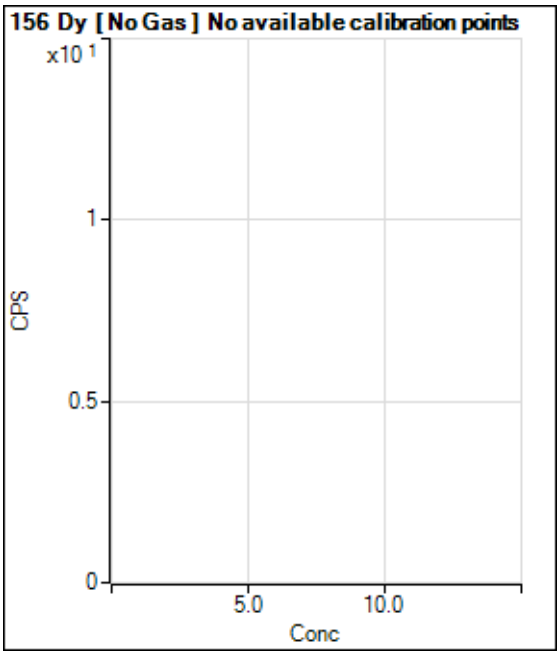



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 13.33 | | P | 25.0 |
| 2 | ☐ | | | 1.11 | | P | 173. |
| 3 | ☐ | | | 11.11 | | P | 45.8 |
| 4 | ☐ | | | 47.78 | | P | 10.7 |
| 5 | ☐ | | | 118.89 | | P | 13.8 |
| 6 | ☐ | | | 224.45 | | P | 8.2 |
| 7 | ☐ | | | 458.90 | | P | 7.6 |
| 8 | ☐ | | | 834.48 | | P | 4.2 |
| 9 | ☐ | | | 224.45 | | P | 3.1 |

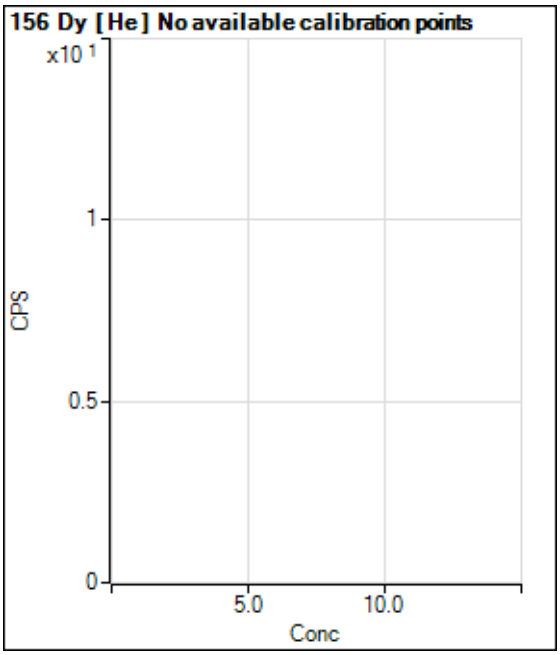



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 3.33 | | P | 0.0 |
| 2 | ☐ | | | 3.33 | | P | 100. |
| 3 | ☐ | | | 3.33 | | P | 100. |
| 4 | ☐ | | | 17.78 | | P | 47.2 |
| 5 | ☐ | | | 33.33 | | P | 26.4 |
| 6 | ☐ | | | 56.67 | | P | 25.6 |
| 7 | ☐ | | | 112.23 | | P | 12.4 |
| 8 | ☐ | | | 213.34 | | P | 3.1 |
| 9 | ☐ | | | 131.11 | | P | 12.5 |

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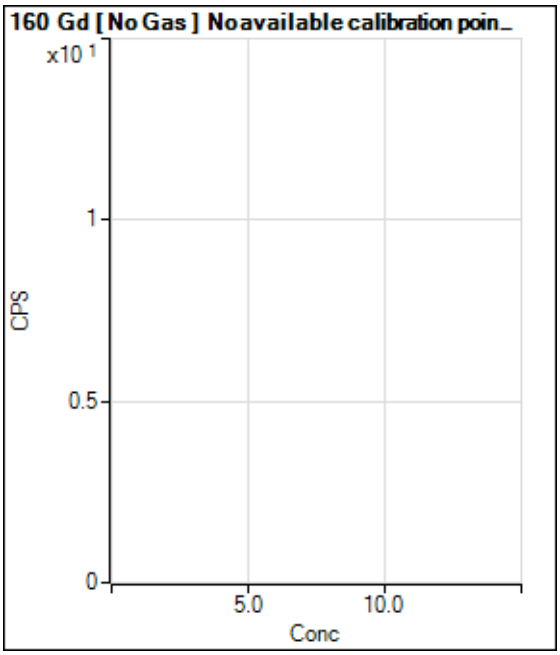



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 14.44 | | P | 70.5 |
| 2 | ☐ | | | 4.44 | | P | 114. |
| 3 | ☐ | | | 21.11 | | P | 9.1 |
| 4 | ☐ | | | 73.33 | | P | 13.6 |
| 5 | ☐ | | | 171.11 | | P | 11.7 |
| 6 | ☐ | | | 347.79 | | P | 16.7 |
| 7 | ☐ | | | 676.69 | | P | 5.2 |
| 8 | ☐ | | | 1236.73 | | P | 7.5 |
| 9 | ☐ | | | 497.79 | | P | 8.9 |

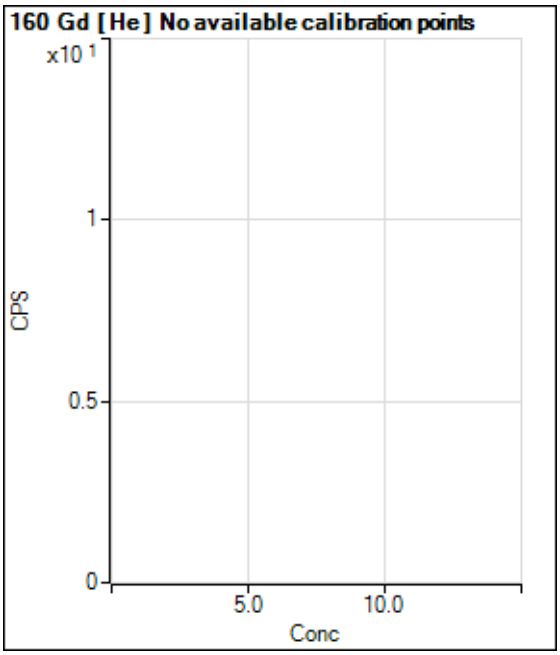



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 6.67 | | P | 50.0 |
| 2 | ☐ | | | 4.45 | | P | 86.6 |
| 3 | ☐ | | | 14.44 | | P | 13.4 |
| 4 | ☐ | | | 74.45 | | P | 26.2 |
| 5 | ☐ | | | 160.01 | | P | 14.4 |
| 6 | ☐ | | | 297.79 | | P | 15.7 |
| 7 | ☐ | | | 571.13 | | P | 7.2 |
| 8 | ☐ | | | 1122.28 | | P | 4.5 |
| 9 | ☐ | | | 403.35 | | P | 9.4 |

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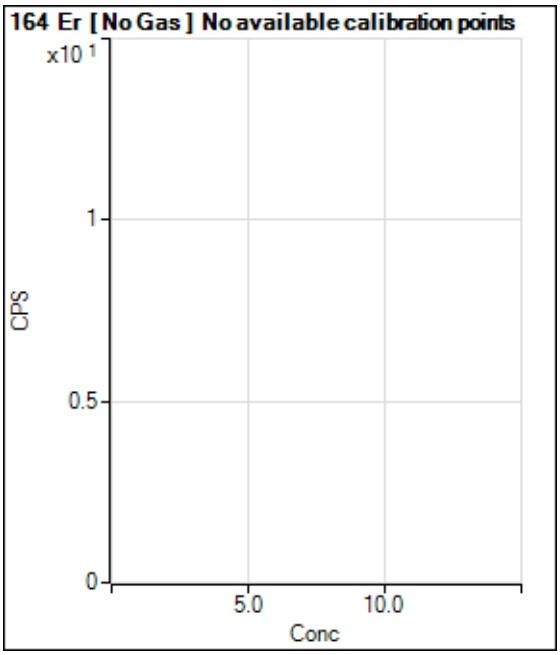



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 307.79 | | P | 16.1 |
| 2 | ☐ | | | 324.45 | | P | 11.3 |
| 3 | ☐ | | | 296.67 | | P | 6.8 |
| 4 | ☐ | | | 284.45 | | P | 9.1 |
| 5 | ☐ | | | 297.78 | | P | 9.0 |
| 6 | ☐ | | | 292.23 | | P | 3.7 |
| 7 | ☐ | | | 311.12 | | P | 17.4 |
| 8 | ☐ | | | 401.12 | | P | 12.9 |
| 9 | ☐ | | | 676.69 | | P | 12.6 |

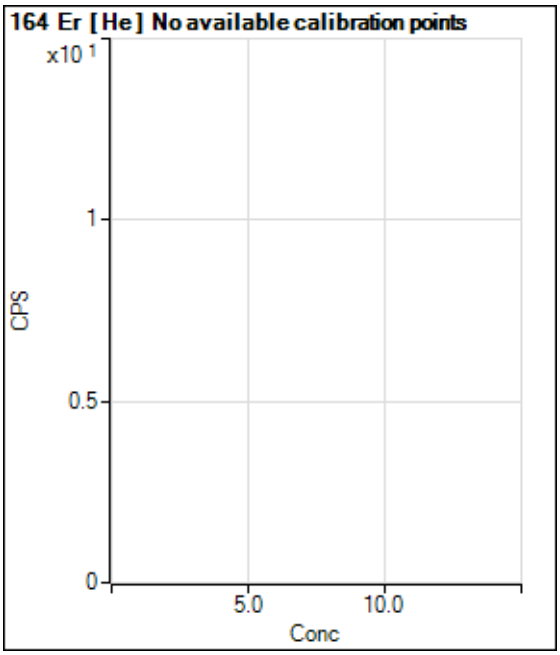



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 810.03 | | P | 7.3 |
| 2 | ☐ | | | 881.15 | | P | 9.2 |
| 3 | ☐ | | | 863.37 | | P | 1.0 |
| 4 | ☐ | | | 872.26 | | P | 1.3 |
| 5 | ☐ | | | 840.04 | | P | 5.5 |
| 6 | ☐ | | | 801.14 | | P | 4.1 |
| 7 | ☐ | | | 855.59 | | P | 6.9 |
| 8 | ☐ | | | 950.04 | | P | 1.3 |
| 9 | ☐ | | | 1066.72 | | P | 6.1 |

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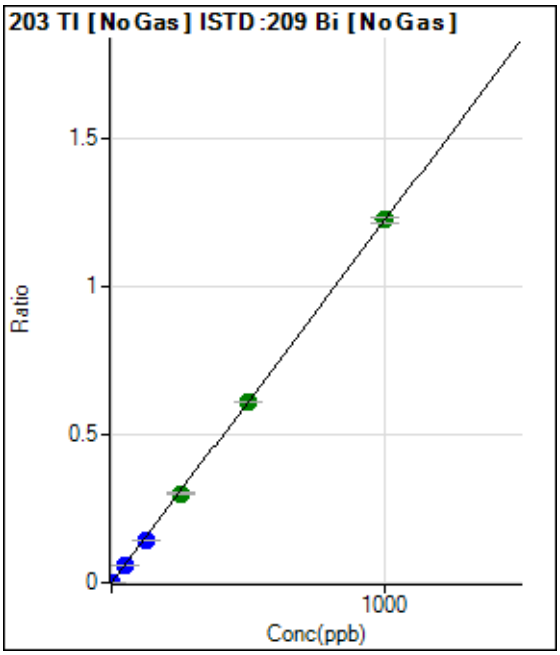



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 90.00 | | P | 19.6 |
| 2 | ☐ | | | 88.89 | | P | 9.4 |
| 3 | ☐ | | | 86.67 | | P | 26.7 |
| 4 | ☐ | | | 101.11 | | P | 19.9 |
| 5 | ☐ | | | 113.34 | | P | 16.4 |
| 6 | ☐ | | | 126.67 | | P | 14.7 |
| 7 | ☐ | | | 153.33 | | P | 10.0 |
| 8 | ☐ | | | 226.67 | | P | 15.4 |
| 9 | ☐ | | | 513.35 | | P | 3.2 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 47.78 | | P | 49.5 |
| 2 | ☐ | | | 53.33 | | P | 65.8 |
| 3 | ☐ | | | 53.33 | | P | 28.6 |
| 4 | ☐ | | | 54.45 | | P | 49.1 |
| 5 | ☐ | | | 60.00 | | P | 20.0 |
| 6 | ☐ | | | 73.33 | | P | 35.5 |
| 7 | ☐ | | | 85.56 | | P | 16.2 |
| 8 | ☐ | | | 145.56 | | P | 21.3 |
| 9 | ☐ | | | 357.79 | | P | 12.9 |

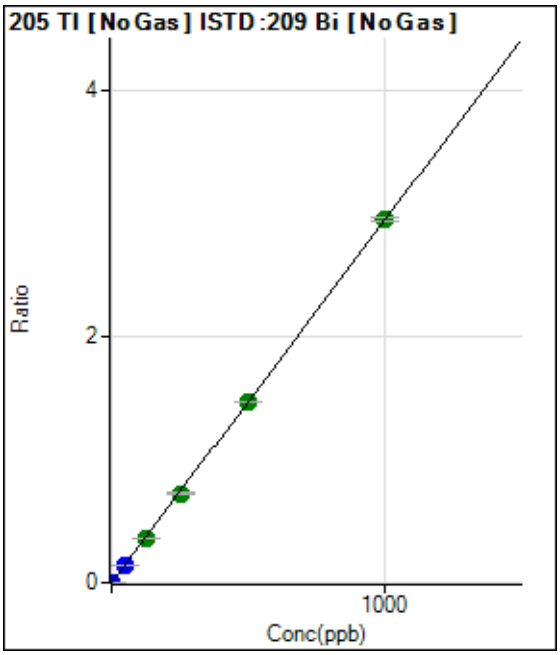
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 231.12 | 0.0000 | P | 11.9 |
| 2 | ☐ | 0.100 | 0.111 | 1621.22 | 0.0002 | P | 6.4 |
| 3 | ☐ | 1.000 | 1.008 | 12913.96 | 0.0013 | P | 0.8 |
| 4 | ☐ | 50.000 | 46.792 | 604018.38 | 0.0572 | P | 1.0 |
| 5 | ☐ | 125.000 | 117.061 | 1522208.04 | 0.1432 | P | 1.6 |
| 6 | ☐ | 250.000 | 246.039 | 3177763.22 | 0.3009 | A | 1.4 |
| 7 | ☐ | 500.000 | 499.377 | 6302733.31 | 0.6107 | A | 0.6 |
| 8 | ☐ | 1000.000 | 1002.455 | 12490579.26 | 1.2260 | A | 1.8 |
| 9 | ☐ | | | 2186.87 | 0.0002 | P | 14.9 |

y = 0.0012 * x + 2.2480E-005
R = 1.0000
DL = 0.006551
BEC = 0.01838

Weight: <None>
Min Conc: 0

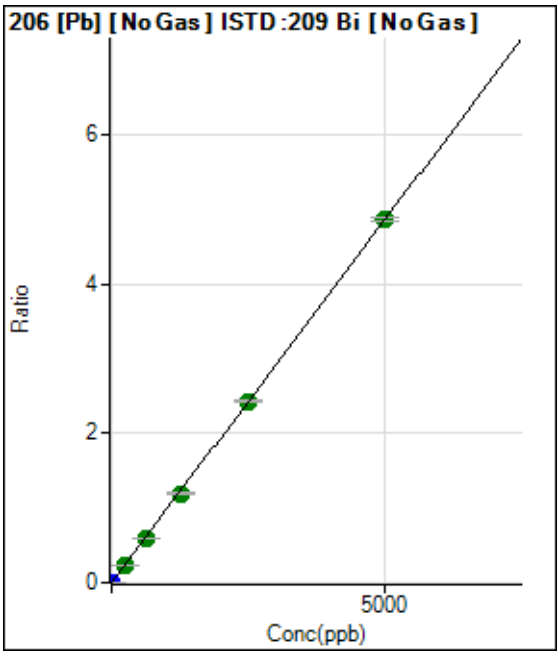



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 617.80 | 0.0001 | P | 6.7 |
| 2 | ☐ | 0.100 | 0.107 | 3831.69 | 0.0004 | P | 3.6 |
| 3 | ☐ | 1.000 | 0.978 | 30187.91 | 0.0029 | P | 1.7 |
| 4 | ☐ | 50.000 | 46.267 | 1435458.71 | 0.1360 | P | 0.8 |
| 5 | ☐ | 125.000 | 121.779 | 3805665.43 | 0.3580 | A | 2.3 |
| 6 | ☐ | 250.000 | 246.252 | 7643936.76 | 0.7238 | A | 1.7 |
| 7 | ☐ | 500.000 | 498.991 | 15136124.64 | 1.4667 | A | 0.3 |
| 8 | ☐ | 1000.000 | 1002.031 | 30008153.44 | 2.9452 | A | 1.1 |
| 9 | ☐ | | | 5036.54 | 0.0006 | P | 9.6 |

y = 0.0029 * x + 6.0073E-005
R = 1.0000
DL = 0.004099
BEC = 0.02044

Weight: <None>
Min Conc: 0

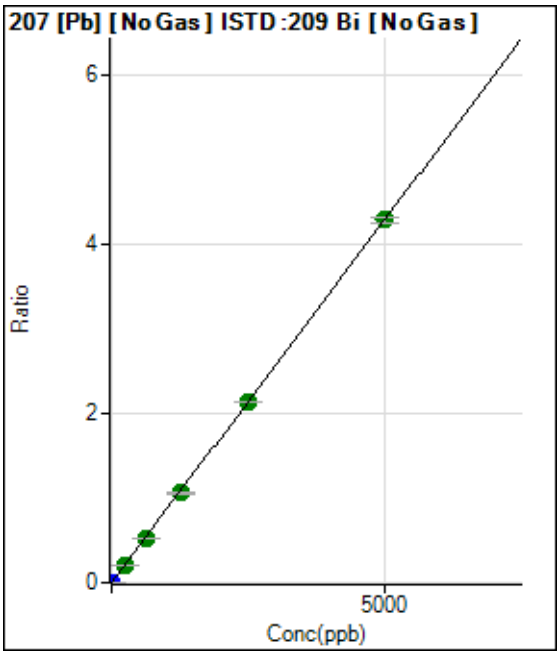
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 383.35 | 0.0000 | P | 3.0 |
| 2 | ☐ | 0.100 | 0.116 | 1534.55 | 0.0002 | P | 1.6 |
| 3 | ☐ | 1.000 | 1.011 | 10487.45 | 0.0010 | P | 5.2 |
| 4 | ☐ | 250.000 | 245.328 | 2516430.09 | 0.2385 | A | 0.9 |
| 5 | ☐ | 625.000 | 610.717 | 6310901.09 | 0.5937 | A | 2.5 |
| 6 | ☐ | 1250.000 | 1230.551 | 12632009.67 | 1.1962 | A | 1.7 |
| 7 | ☐ | 2500.000 | 2501.751 | 25095737.96 | 2.4318 | A | 0.5 |
| 8 | ☐ | 5000.000 | 5006.006 | 49578737.04 | 4.8660 | A | 0.9 |
| 9 | ☐ | | | 15078.47 | 0.0017 | P | 3.6 |

y = 9.7202E-004 * x + 3.7249E-005
R = 1.0000
DL = 0.003418
BEC = 0.03832

Weight: <None>
Min Conc: 0

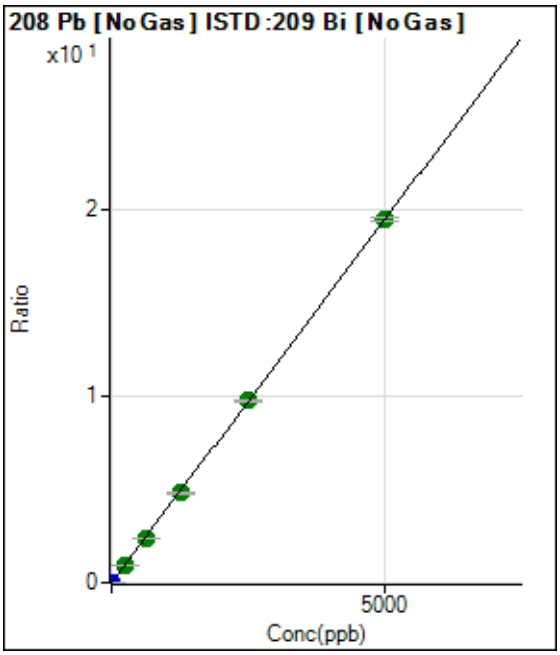



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 398.90 | 0.0000 | P | 7.3 |
| 2 | ☐ | 0.100 | 0.106 | 1320.08 | 0.0001 | P | 9.5 |
| 3 | ☐ | 1.000 | 0.970 | 8929.67 | 0.0009 | P | 4.2 |
| 4 | ☐ | 250.000 | 244.692 | 2209599.62 | 0.2094 | A | 0.7 |
| 5 | ☐ | 625.000 | 614.025 | 5585753.25 | 0.5255 | A | 2.5 |
| 6 | ☐ | 1250.000 | 1239.612 | 11201952.89 | 1.0608 | A | 1.6 |
| 7 | ☐ | 2500.000 | 2503.011 | 22103253.28 | 2.1418 | A | 0.2 |
| 8 | ☐ | 5000.000 | 5002.729 | 43614658.24 | 4.2808 | A | 1.4 |
| 9 | ☐ | | | 13117.54 | 0.0015 | P | 6.9 |

y = 8.5568E-004 * x + 3.8739E-005
R = 1.0000
DL = 0.009909
BEC = 0.04527

Weight: <None>
Min Conc: 0

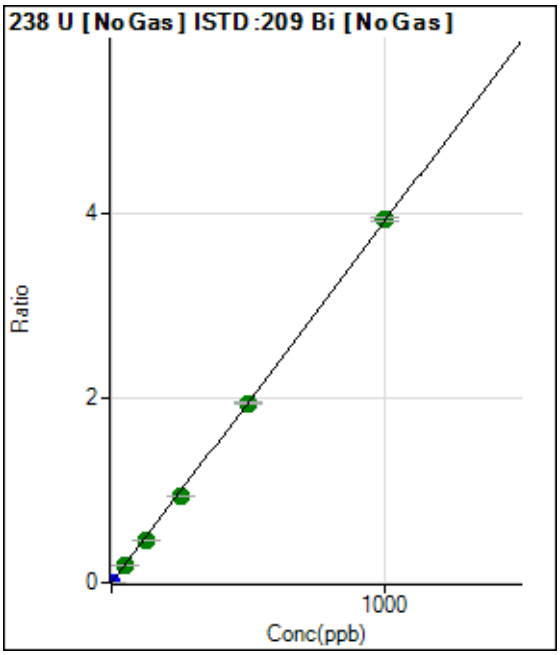
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1627.84 | 0.0002 | P | 1.8 |
| 2 | ☐ | 0.100 | 0.110 | 6000.59 | 0.0006 | P | 3.8 |
| 3 | ☐ | 1.000 | 1.003 | 41692.10 | 0.0041 | P | 2.8 |
| 4 | ☐ | 250.000 | 245.452 | 10066156.22 | 0.9540 | A | 0.9 |
| 5 | ☐ | 625.000 | 614.891 | 25404720.94 | 2.3898 | A | 2.2 |
| 6 | ☐ | 1250.000 | 1238.485 | 50828607.99 | 4.8132 | A | 1.6 |
| 7 | ☐ | 2500.000 | 2506.801 | 100537564.3 | 9.7422 | A | 0.3 |
| 8 | ☐ | 5000.000 | 5000.969 | 198019927.0 | 19.4351 | A | 1.0 |
| 9 | ☐ | | | 59660.26 | 0.0067 | P | 4.8 |

y = 0.0039 * x + 1.5822E-004
R = 1.0000
DL = 0.002223
BEC = 0.04071

Weight: <None>
Min Conc: 0

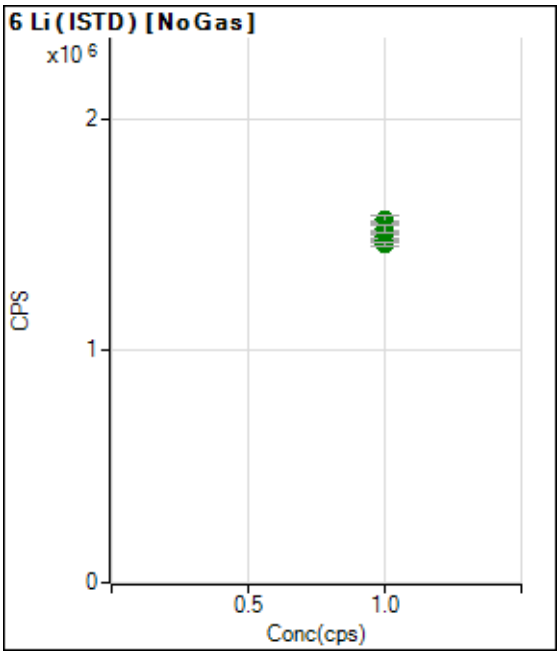



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 155.56 | 0.0000 | P | 11.2 |
| 2 | ☐ | 0.100 | 0.096 | 4003.97 | 0.0004 | P | 0.4 |
| 3 | ☐ | 1.000 | 0.915 | 36993.56 | 0.0036 | P | 1.2 |
| 4 | ☐ | 50.000 | 46.277 | 1911691.88 | 0.1812 | A | 2.1 |
| 5 | ☐ | 125.000 | 117.678 | 4897626.59 | 0.4607 | A | 2.8 |
| 6 | ☐ | 250.000 | 239.795 | 9914276.10 | 0.9388 | A | 1.2 |
| 7 | ☐ | 500.000 | 497.258 | 20090727.48 | 1.9468 | A | 0.5 |
| 8 | ☐ | 1000.000 | 1005.024 | 40089773.57 | 3.9347 | A | 1.2 |
| 9 | ☐ | | | 4879.85 | 0.0005 | P | 13.2 |

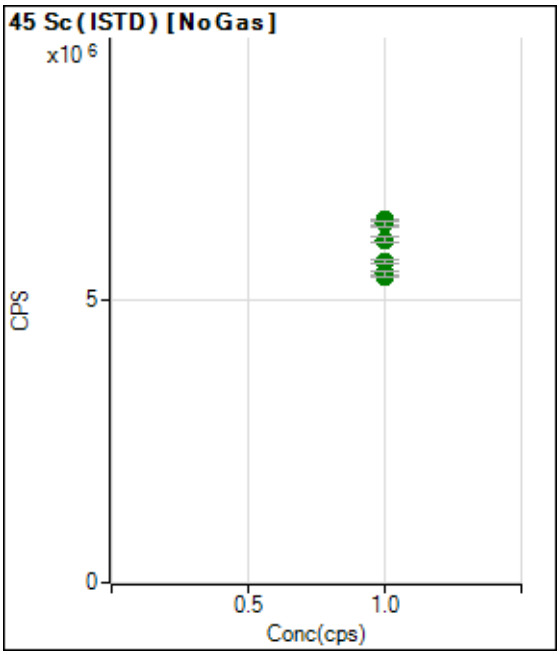
y = 0.0039 * x + 1.5122E-005
R = 0.9999
DL = 0.001293
BEC = 0.003863

Weight: <None>
Min Conc: 0

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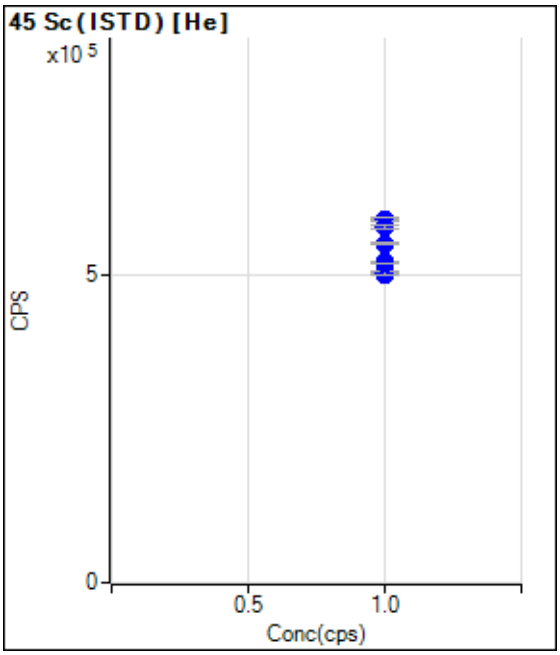



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1492006.61 | | A | 0.9 |
| 2 | ☐ | 1.000 | | 1476489.18 | | A | 0.1 |
| 3 | ☐ | 1.000 | | 1474017.62 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 1516984.49 | | A | 0.4 |
| 5 | ☐ | 1.000 | | 1548208.68 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 1552622.88 | | A | 0.2 |
| 7 | ☐ | 1.000 | | 1562776.14 | | A | 2.2 |
| 8 | ☐ | 1.000 | | 1523995.03 | | A | 2.3 |
| 9 | ☐ | 1.000 | | 1460464.60 | | A | 1.2 |

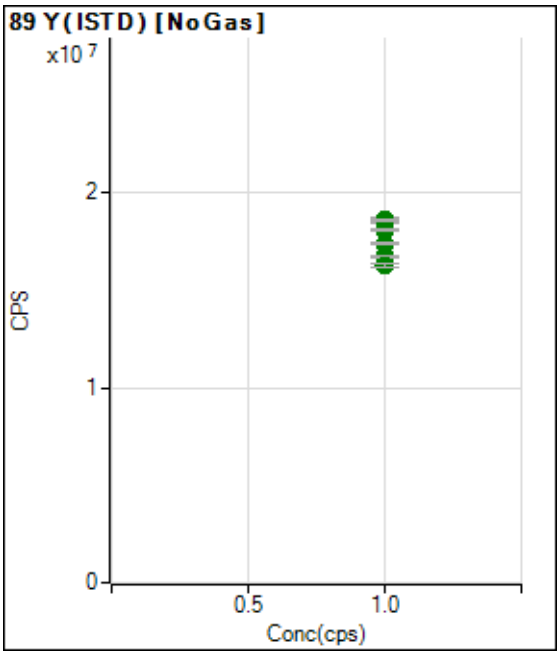



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6347753.17 | | A | 1.4 |
| 2 | ☐ | 1.000 | | 6338079.07 | | A | 1.4 |
| 3 | ☐ | 1.000 | | 6400011.57 | | A | 0.8 |
| 4 | ☐ | 1.000 | | 6330109.63 | | A | 1.6 |
| 5 | ☐ | 1.000 | | 6053683.52 | | A | 1.4 |
| 6 | ☐ | 1.000 | | 5662095.05 | | A | 1.2 |
| 7 | ☐ | 1.000 | | 5425678.88 | | A | 0.2 |
| 8 | ☐ | 1.000 | | 5401864.47 | | A | 0.5 |
| 9 | ☐ | 1.000 | | 5452394.19 | | A | 2.0 |

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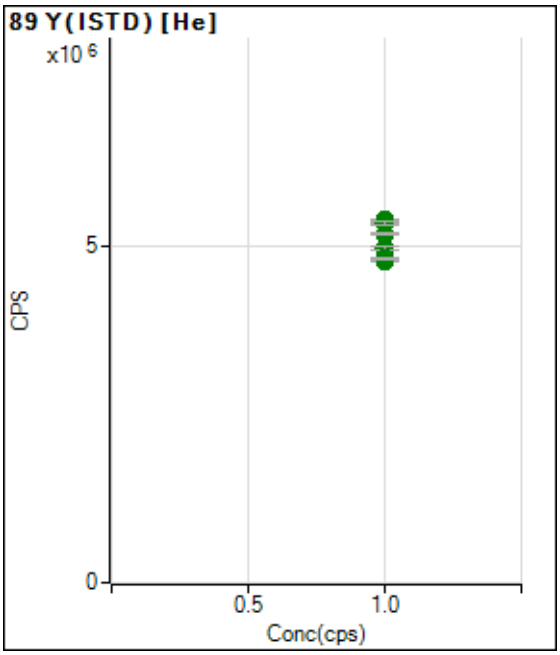



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 589362.43 | | P | 0.5 |
| 2 | ☐ | 1.000 | | 590135.48 | | P | 0.5 |
| 3 | ☐ | 1.000 | | 591337.59 | | P | 1.1 |
| 4 | ☐ | 1.000 | | 580170.98 | | P | 0.7 |
| 5 | ☐ | 1.000 | | 551733.76 | | P | 0.6 |
| 6 | ☐ | 1.000 | | 522220.90 | | P | 0.2 |
| 7 | ☐ | 1.000 | | 502695.61 | | P | 0.2 |
| 8 | ☐ | 1.000 | | 504719.92 | | P | 0.9 |
| 9 | ☐ | 1.000 | | 520875.24 | | P | 0.2 |

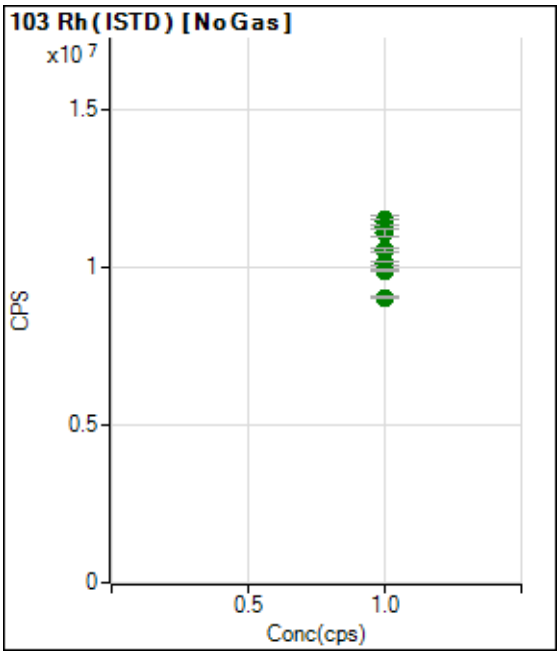



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 18606205.83 | | A | 1.2 |
| 2 | ☐ | 1.000 | | 18518240.14 | | A | 1.2 |
| 3 | ☐ | 1.000 | | 18541503.33 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 18582290.97 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 18088639.18 | | A | 0.7 |
| 6 | ☐ | 1.000 | | 17370519.74 | | A | 0.6 |
| 7 | ☐ | 1.000 | | 16716141.00 | | A | 0.8 |
| 8 | ☐ | 1.000 | | 16708028.36 | | A | 0.5 |
| 9 | ☐ | 1.000 | | 16271770.32 | | A | 0.7 |

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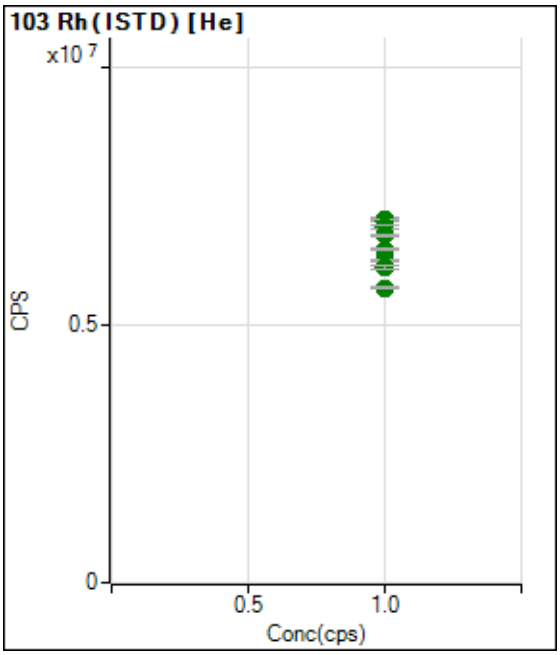



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 5376491.90 | | A | 1.4 |
| 2 | ☐ | 1.000 | | 5365276.03 | | A | 0.1 |
| 3 | ☐ | 1.000 | | 5391777.73 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 5344914.85 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 5183133.81 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 4983412.63 | | A | 1.2 |
| 7 | ☐ | 1.000 | | 4796032.04 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 4786864.89 | | A | 0.8 |
| 9 | ☐ | 1.000 | | 4822479.30 | | A | 0.5 |

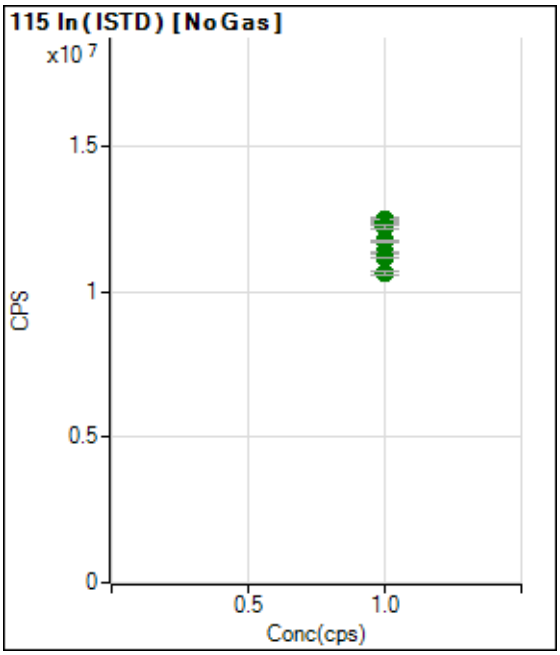



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11514947.05 | | A | 2.6 |
| 2 | ☐ | 1.000 | | 11446948.58 | | A | 1.2 |
| 3 | ☐ | 1.000 | | 11446626.77 | | A | 1.4 |
| 4 | ☐ | 1.000 | | 11297868.72 | | A | 1.0 |
| 5 | ☐ | 1.000 | | 11118786.78 | | A | 2.1 |
| 6 | ☐ | 1.000 | | 10532772.20 | | A | 1.1 |
| 7 | ☐ | 1.000 | | 10107879.02 | | A | 1.2 |
| 8 | ☐ | 1.000 | | 9888899.92 | | A | 0.6 |
| 9 | ☐ | 1.000 | | 9058693.89 | | A | 1.0 |

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On:1/5/2025 11:27:56 PM
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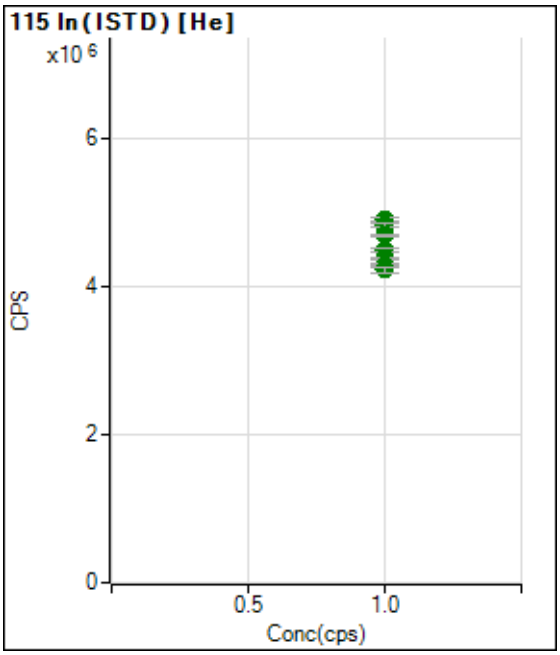



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7024164.13 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 7039147.47 | | A | 0.9 |
| 3 | ☐ | 1.000 | | 7001712.26 | | A | 1.6 |
| 4 | ☐ | 1.000 | | 6903150.24 | | A | 1.2 |
| 5 | ☐ | 1.000 | | 6743637.05 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 6469513.93 | | A | 0.7 |
| 7 | ☐ | 1.000 | | 6250183.94 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 6122813.10 | | A | 1.1 |
| 9 | ☐ | 1.000 | | 5719874.64 | | A | 0.6 |

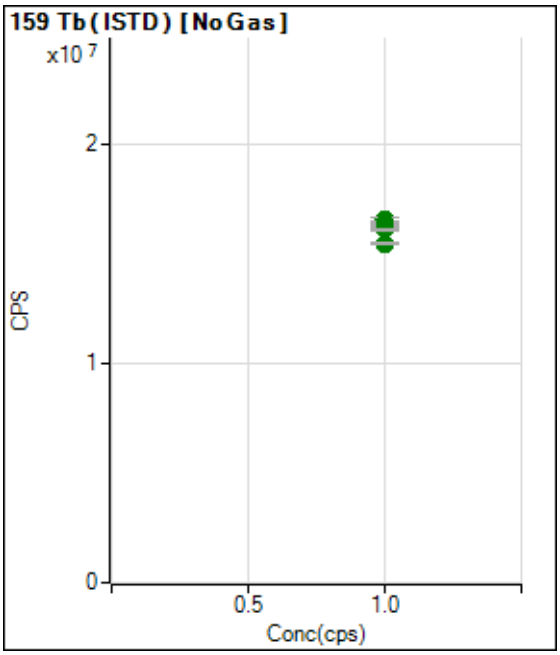



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 12494457.56 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 12463773.25 | | A | 1.8 |
| 3 | ☐ | 1.000 | | 12440380.30 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 12414448.62 | | A | 1.1 |
| 5 | ☐ | 1.000 | | 12258374.66 | | A | 1.5 |
| 6 | ☐ | 1.000 | | 11777585.19 | | A | 0.5 |
| 7 | ☐ | 1.000 | | 11367479.51 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 11173093.91 | | A | 0.1 |
| 9 | ☐ | 1.000 | | 10648683.90 | | A | 1.2 |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

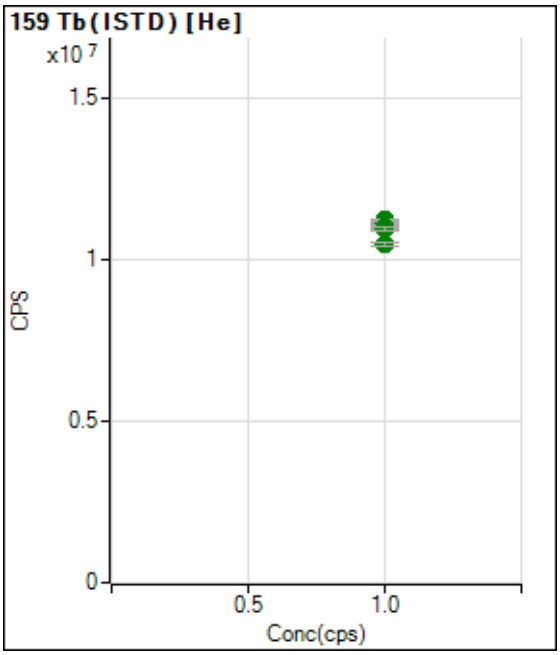



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4866853.13 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 4870940.03 | | A | 0.8 |
| 3 | ☐ | 1.000 | | 4903695.87 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 4842259.91 | | A | 1.0 |
| 5 | ☐ | 1.000 | | 4697980.00 | | A | 0.8 |
| 6 | ☐ | 1.000 | | 4498049.74 | | A | 1.0 |
| 7 | ☐ | 1.000 | | 4379873.56 | | A | 1.0 |
| 8 | ☐ | 1.000 | | 4298765.10 | | A | 0.3 |
| 9 | ☐ | 1.000 | | 4226812.00 | | A | 1.5 |

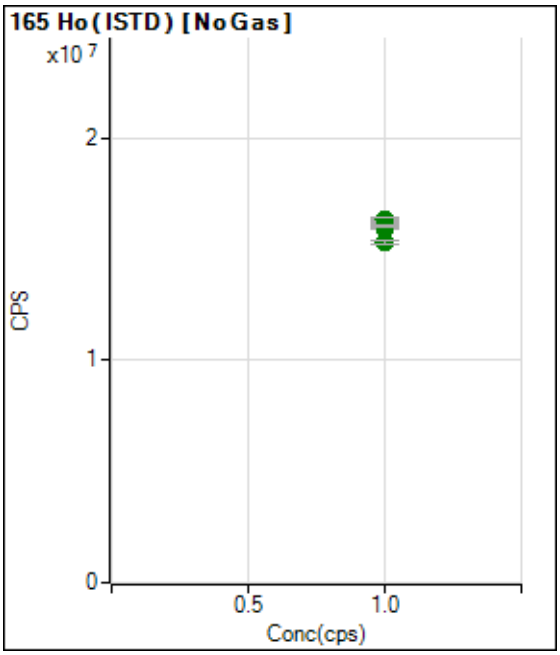



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 16418996.70 | | A | 0.8 |
| 2 | ☐ | 1.000 | | 16209670.59 | | A | 1.3 |
| 3 | ☐ | 1.000 | | 16363704.75 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 16546373.50 | | A | 1.1 |
| 5 | ☐ | 1.000 | | 16540871.97 | | A | 1.1 |
| 6 | ☐ | 1.000 | | 16411661.15 | | A | 0.4 |
| 7 | ☐ | 1.000 | | 16243675.73 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 16111128.79 | | A | 0.6 |
| 9 | ☐ | 1.000 | | 15470407.55 | | A | 0.3 |

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On:1/5/2025 11:27:56 PM
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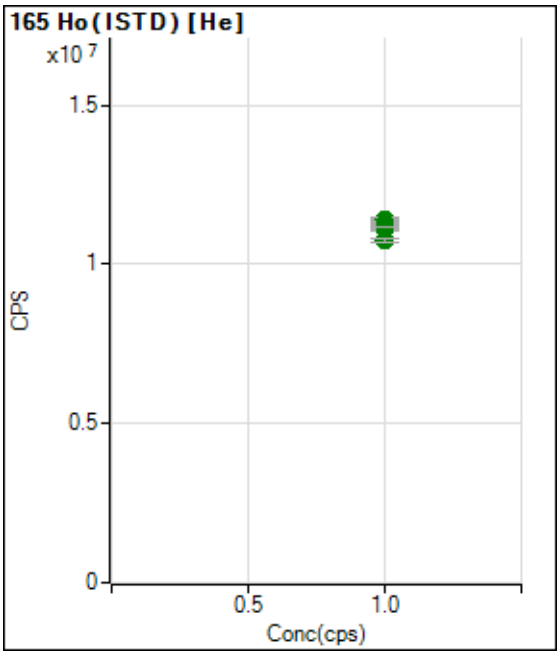



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11191874.28 | | A | 1.2 |
| 2 | ☐ | 1.000 | | 11136381.92 | | A | 0.5 |
| 3 | ☐ | 1.000 | | 11126705.46 | | A | 1.9 |
| 4 | ☐ | 1.000 | | 11141339.00 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 11241370.39 | | A | 0.3 |
| 6 | ☐ | 1.000 | | 11004198.17 | | A | 0.8 |
| 7 | ☐ | 1.000 | | 10943804.84 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 10979018.03 | | A | 0.9 |
| 9 | ☐ | 1.000 | | 10487273.59 | | A | 0.7 |

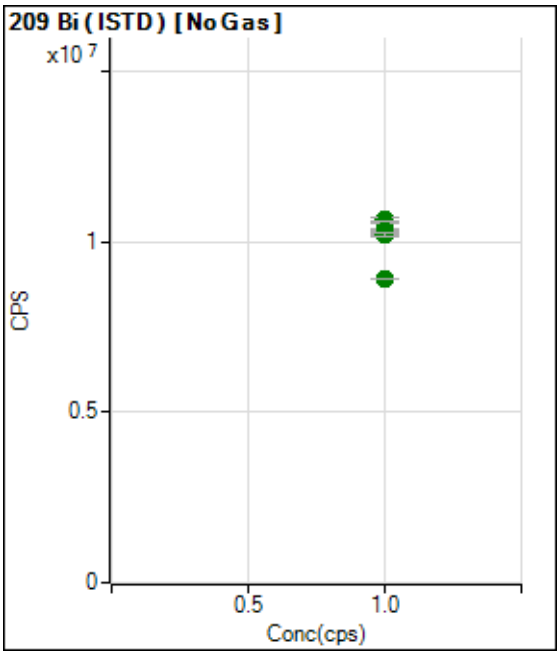



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 16196375.73 | | A | 1.7 |
| 2 | ☐ | 1.000 | | 16001634.34 | | A | 0.9 |
| 3 | ☐ | 1.000 | | 16064097.54 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 16226336.42 | | A | 0.4 |
| 5 | ☐ | 1.000 | | 16314991.98 | | A | 1.6 |
| 6 | ☐ | 1.000 | | 16025050.04 | | A | 0.8 |
| 7 | ☐ | 1.000 | | 15933014.07 | | A | 0.4 |
| 8 | ☐ | 1.000 | | 16024446.43 | | A | 0.3 |
| 9 | ☐ | 1.000 | | 15284973.52 | | A | 0.9 |

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On:1/5/2025 11:27:56 PM
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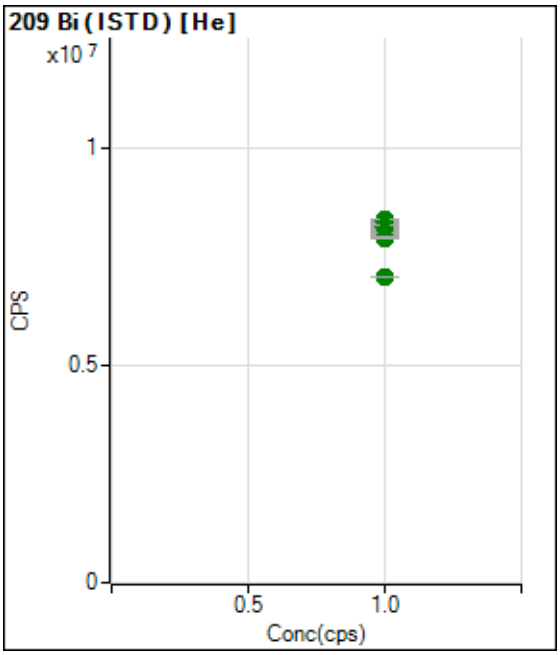



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11173408.72 | | A | 0.2 |
| 2 | ☐ | 1.000 | | 11205358.03 | | A | 0.8 |
| 3 | ☐ | 1.000 | | 11254794.83 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 11372432.75 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 11395893.02 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 11284380.81 | | A | 0.6 |
| 7 | ☐ | 1.000 | | 11085655.53 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 11183766.22 | | A | 0.2 |
| 9 | ☐ | 1.000 | | 10731699.91 | | A | 1.0 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 10290021.58 | | A | 1.8 |
| 2 | ☐ | 1.000 | | 10224685.68 | | A | 1.1 |
| 3 | ☐ | 1.000 | | 10283639.22 | | A | 0.3 |
| 4 | ☐ | 1.000 | | 10551309.29 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 10632482.83 | | A | 1.2 |
| 6 | ☐ | 1.000 | | 10560646.86 | | A | 0.5 |
| 7 | ☐ | 1.000 | | 10319831.10 | | A | 0.2 |
| 8 | ☐ | 1.000 | | 10189652.28 | | A | 1.3 |
| 9 | ☐ | 1.000 | | 8890227.16 | | A | 0.2 |

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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 8152573.56 | | A | 0.7 |
| 2 | ☐ | 1.000 | | 8196278.91 | | A | 0.6 |
| 3 | ☐ | 1.000 | | 8207704.60 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 8353596.75 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 8320942.66 | | A | 1.5 |
| 6 | ☐ | 1.000 | | 8198873.35 | | A | 0.8 |
| 7 | ☐ | 1.000 | | 8041173.91 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 7929607.73 | | A | 0.5 |
| 9 | ☐ | 1.000 | | 7046499.13 | | A | 0.3 |

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On:1/5/2025 11:27:56 PM
Inst Id :P7
ClientSampleId :TUNE001

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | Jaswal |
| **Acq/Data Batch** | D:\Agilent\ICPMH\1\DATA\P7010325MS-4.b |
| **Acq. Date-Time** | 2025-01-03 19:10:40 |
| **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 | | 8091 | 80913.08 | | | 0.360 | 5.000 |
| 24 | | 55046 | 550457.22 | | | 0.182 | 5.000 |
| 25 | | 7252 | 72516.16 | | | 0.306 | 5.000 |
| 26 | | 8321 | 83211.40 | | | 0.150 | 5.000 |
| 59 | | 94324 | 943236.56 | | | 0.608 | 5.000 |
| 113 | | 14039 | 140392.18 | | | 0.339 | 5.000 |
| 115 | | 175275 | 1752754.77 | | | 0.667 | 5.000 |
| 206 | | 41371 | 413711.22 | | | 0.599 | 5.000 |
| 207 | | 36499 | 364988.62 | | | 0.844 | 5.000 |
| 208 | | 90945 | 909450.39 | | | 0.769 | 5.000 |
| 220 | | 0 | 2.00 | | | 61.237 | |

| 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 | 8127 | 8084 | 8087 | 8108 | 8050 |
| 24 | 54993 | 55160 | 55072 | 55102 | 54902 |
| 25 | 7273 | 7215 | 7264 | 7250 | 7256 |
| 26 | 8303 | 8317 | 8321 | 8335 | 8329 |
| 59 | 94000 | 94912 | 93763 | 94974 | 93969 |
| 113 | 14042 | 13990 | 14067 | 14102 | 13995 |
| 115 | 175636 | 173391 | 175147 | 175650 | 176554 |
| 206 | 41545 | 41171 | 41257 | 41718 | 41165 |
| 207 | 36617 | 36199 | 36547 | 36929 | 36202 |
| 208 | 90206 | 90471 | 91506 | 90699 | 91844 |

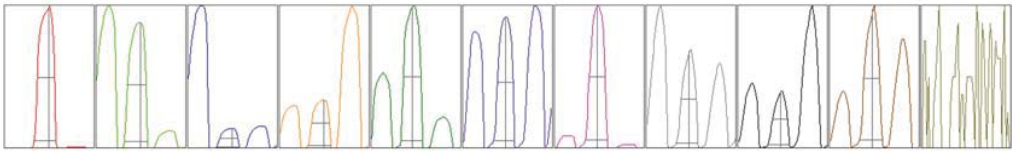
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ClientSampleId :TUNE001

# 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 | 14509.45 | 9.00 | 8.90 - 9.10 | |
| 24 | 92024.30 | 24.00 | 23.90 - 24.10 | |
| 25 | 12174.60 | 25.00 | 24.90 - 25.10 | |
| 26 | 13854.34 | 26.00 | 25.90 - 26.10 | |
| 59 | 165158.49 | 58.90 | 58.90 - 59.10 | |
| 113 | 27338.15 | 112.95 | 112.90 - 113.10 | |
| 115 | 343031.85 | 114.95 | 114.90 - 115.10 | |
| 206 | 84634.75 | 205.95 | 205.90 - 206.10 | |
| 207 | 74250.40 | 206.95 | 206.90 - 207.10 | |
| 208 | 182267.57 | 207.95 | 207.90 - 208.10 | |
| 220 | 0.00 | 220.45 | - | |

| Mass | W-50% | W-5% | W-5% (Required) | W-5% (Flag) |
|---|---|---|---|---|
| 9 | 0.58 | 0.732 | 0.900 | |
| 24 | 0.63 | 0.779 | 0.900 | |
| 25 | 0.62 | 0.762 | 0.900 | |
| 26 | 0.62 | 0.759 | 0.900 | |
| 59 | 0.60 | 0.737 | 0.900 | |
| 113 | 0.52 | 0.707 | 0.900 | |
| 115 | 0.52 | 0.749 | 0.900 | |
| 206 | 0.50 | 0.727 | 0.900 | |
| 207 | 0.50 | 0.729 | 0.900 | |
| 208 | 0.52 | 0.770 | 0.900 | |
| 220 | 0.18 | 0.175 | | |

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 |

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On:1/5/2025 11:27:56 PM
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ClientSampleId :TUNE001

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| 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 | 9.2 V | Deflect | 14.6 V |
| Extract 2 | -145.0 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 | 160 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 139 | Axis Gain | 0.9976 | QP Bias | -3.0 V |
| Mass Offset | 130 | Axis Offset | 0.09 | | |

**Hardware Settings**

**Torch**

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

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.8 mV | Analog HV | 2274 V | Pulse HV | 1068 V |

**[He]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 59 | | 32509 | 325088.61 | | | 0.159 | |
| 89 | | 39222 | 392220.48 | | | 0.403 | |
| 205 | | 42268 | 422684.33 | | | 0.905 | |

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

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 59 | 32472 | 32596 | 32493 | 32471 | 32513 |
| 89 | 39422 | 39338 | 39206 | 39047 | 39098 |
| 205 | 42842 | 42242 | 42140 | 41783 | 42336 |

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 | 2.8 V |

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On:1/5/2025 11:27:56 PM
Inst Id :P7
ClientSampleId :TUNE001

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| Extract 2 | -140.0 V | Cell Entrance | -40 V | Plate Bias | -60 V |
| 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 | 139 | Axis Gain | 0.9976 | QP Bias | -13.0 V |
| Mass Offset | 130 | Axis Offset | 0.09 | | |

**Hardware Settings**

**Torch**

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

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 4.8 mV | Analog HV | 2274 V | Pulse HV | 1068 V |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:44:22 | DataFile Name : | 004CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.09 | -0.03 | -0.07 | 0.00 | N/A | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Arsenic | 75-2 | 0.00 | 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 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Beryllium | 9-1 | -0.01 | 0.00 | 0.01 | 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 | -0.09 | 0.08 | 0.00 | N/A | ppb |
| Cadmium | 106-1 | -1.06 | -4.39 | 5.45 | 0.00 | N/A | ppb |
| Cadmium | 111-1 | 0.00 | 0.01 | -0.01 | 0.00 | N/A | ppb |
| Calcium | 43-1 | 1.67 | -1.82 | 0.15 | 0.00 | N/A | ppb |
| Calcium | 44-1 | 0.27 | -1.34 | 1.07 | 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 | 0.01 | -0.04 | 0.03 | 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 | 0.03 | 0.02 | -0.05 | 0.00 | N/A | ppb |
| Iron | 57-2 | -0.15 | 0.08 | 0.07 | 0.00 | N/A | ppb |
| Iron | 54-2 | 0.00 | 0.23 | -0.22 | 0.00 | N/A | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:44:22 | 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 | 0.21 | -0.17 | -0.04 | 0.00 | N/A | ppb |
| Manganese | 55-2 | -0.01 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 94-1 | 0.00 | -0.01 | 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 | -0.01 | 0.01 | 0.00 | N/A | ppb |
| Molybdenum | 97-1 | 0.00 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | -0.01 | 0.00 | N/A | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.04 | -0.02 | -0.02 | 0.00 | N/A | ppb |
| Phosphorus | 31-2 | -6.08 | -7.08 | -19.05 | -10.74 | | ppb |
| Potassium | 39-2 | -1.27 | 0.36 | 0.91 | 0.00 | N/A | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | -0.12 | 0.10 | 0.02 | 0.00 | N/A | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.02 | 0.59 | -0.57 | 0.00 | N/A | ppb |
| Silicon | 28-1 | -0.45 | 1.67 | -1.22 | 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 | 0.95 | -0.09 | -0.86 | 0.00 | N/A | ppb |
| Strontium | 86-1 | -0.06 | 0.12 | -0.06 | 0.00 | N/A | ppb |
| Strontium | 88-1 | 0.00 | 0.00 | 0.01 | 0.00 | N/A | ppb |
| Sulfur | 34-1 | 50.80 | 129.48 | -47.55 | 44.24 | 200.47 | 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 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Titanium | 47-1 | 0.00 | -0.01 | 0.01 | 0.00 | N/A | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:44:22 | 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 | -0.04 | 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 | 0.00 | 0.00 | N/A | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:47:36 | DataFile Name : | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2.40 | 2.16 | 2.20 | 2.25 | 5.67 | ppb |
| Antimony | 121-1 | 0.22 | 0.21 | 0.21 | 0.22 | 2.99 | ppb |
| Arsenic | 75-2 | 0.13 | 0.14 | 0.11 | 0.13 | 10.94 | ppb |
| Barium | 135-1 | 1.03 | 1.11 | 1.15 | 1.10 | 5.50 | ppb |
| Barium | 137-1 | 1.05 | 1.11 | 1.11 | 1.09 | 3.11 | ppb |
| Beryllium | 9-1 | 0.11 | 0.12 | 0.11 | 0.11 | 6.09 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.31 | 0.10 | -0.04 | 0.12 | 147.32 | ppb |
| Cadmium | 106-1 | 0.68 | 2.28 | 2.98 | 1.98 | 59.52 | ppb |
| Cadmium | 111-1 | Rejected | Rejected | Rejected | | | ppb |
| Calcium | 43-1 | 55.34 | 52.84 | 58.91 | 55.70 | 5.48 | ppb |
| Calcium | 44-1 | 55.69 | 58.68 | 59.83 | 58.07 | 3.69 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.21 | 0.20 | 0.23 | 0.21 | 7.75 | ppb |
| Cobalt | 59-2 | 0.11 | 0.11 | 0.12 | 0.11 | 1.59 | ppb |
| Copper | 63-2 | 0.22 | 0.20 | 0.27 | 0.23 | 15.32 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 5.84 | 6.09 | 5.92 | 5.95 | 2.16 | ppb |
| Iron | 57-2 | 8.24 | 7.07 | 8.12 | 7.81 | 8.21 | ppb |
| Iron | 54-2 | 6.99 | 7.16 | 5.42 | 6.52 | 14.73 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:47:36 | DataFile Name : | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.12 | 0.11 | 0.12 | 0.12 | 2.15 | ppb |
| Lead | 207-1 | 0.12 | 0.09 | 0.11 | 0.11 | 13.58 | ppb |
| Lead | 208-1 | 0.11 | 0.10 | 0.11 | 0.11 | 5.17 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 53.60 | 54.32 | 53.81 | 53.91 | 0.69 | ppb |
| Manganese | 55-2 | Rejected | Rejected | Rejected | | | ppb |
| Molybdenum | 94-1 | 0.63 | 0.56 | 0.68 | 0.62 | 9.25 | ppb |
| Molybdenum | 95-1 | 0.54 | 0.54 | 0.55 | 0.54 | 1.40 | ppb |
| Molybdenum | 96-1 | 0.55 | 0.54 | 0.58 | 0.55 | 3.50 | ppb |
| Molybdenum | 97-1 | 0.49 | 0.54 | 0.55 | 0.53 | 6.22 | ppb |
| Molybdenum | 98-1 | 0.50 | 0.55 | 0.57 | 0.54 | 6.67 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | Rejected | Rejected | Rejected | | | ppb |
| Phosphorus | 31-2 | -11.73 | -14.43 | -12.32 | -12.83 | | ppb |
| Potassium | 39-2 | 56.09 | 55.17 | 55.57 | 55.61 | 0.83 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | Rejected | Rejected | Rejected | | | ppb |
| Selenium | 77-2 | 0.52 | 0.35 | 0.52 | 0.46 | 21.59 | ppb |
| Selenium | 78-2 | 1.22 | 0.19 | 0.19 | 0.53 | 111.19 | ppb |
| Silicon | 28-1 | 2.06 | -0.09 | 3.54 | 1.84 | 99.33 | ppb |
| Silver | 107-1 | 0.11 | 0.11 | 0.12 | 0.11 | 6.26 | ppb |
| Silver | 109-1 | 0.11 | 0.12 | 0.12 | 0.12 | 3.39 | ppb |
| Sodium | 23-2 | 51.30 | 50.79 | 51.04 | 51.04 | 0.50 | ppb |
| Strontium | 86-1 | 1.85 | 2.29 | 2.00 | 2.05 | 10.81 | ppb |
| Strontium | 88-1 | 2.74 | 2.67 | 2.66 | 2.69 | 1.67 | ppb |
| Sulfur | 34-1 | -126.83 | 73.42 | -18.36 | -23.92 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.11 | 0.10 | 0.12 | 0.11 | 7.45 | ppb |
| Thallium | 205-1 | 0.11 | 0.10 | 0.11 | 0.11 | 4.29 | ppb |
| Tin | 118-1 | 0.53 | 0.58 | 0.56 | 0.55 | 4.64 | ppb |
| Titanium | 47-1 | 0.54 | 0.59 | 0.54 | 0.56 | 5.19 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:47:36 | DataFile Name : | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.10 | 0.10 | 0.10 | 0.10 | 0.37 | ppb |
| Vanadium | 51-2 | 0.53 | 0.52 | 0.51 | 0.52 | 1.28 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | Rejected | Rejected | Rejected | | | ppb |
| Zirconium | 90-1 | 0.10 | 0.10 | 0.12 | 0.11 | 9.52 | ppb |
| Zirconium | 91-1 | 0.10 | 0.09 | 0.08 | 0.09 | 8.03 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:50:53 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18.89 | 19.58 | 20.45 | 19.64 | 3.98 | ppb |
| Antimony | 121-1 | 2.14 | 2.25 | 2.22 | 2.20 | 2.56 | ppb |
| Arsenic | 75-2 | 1.30 | 1.11 | 1.07 | 1.16 | 10.88 | ppb |
| Barium | 135-1 | 10.82 | 11.03 | 10.70 | 10.85 | 1.50 | ppb |
| Barium | 137-1 | 10.53 | 10.91 | 10.85 | 10.76 | 1.93 | ppb |
| Beryllium | 9-1 | 1.07 | 1.21 | 1.13 | 1.13 | 6.35 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.13 | 0.99 | 0.95 | 1.02 | 9.28 | ppb |
| Cadmium | 106-1 | 3.90 | -1.87 | -1.06 | 0.32 | 969.11 | ppb |
| Cadmium | 111-1 | 1.18 | 1.24 | 1.25 | 1.22 | 2.93 | ppb |
| Calcium | 43-1 | 540.51 | 559.38 | 550.13 | 550.01 | 1.72 | ppb |
| Calcium | 44-1 | 542.20 | 556.58 | 553.15 | 550.64 | 1.36 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.17 | 2.21 | 2.12 | 2.17 | 2.05 | ppb |
| Cobalt | 59-2 | 1.10 | 1.12 | 1.15 | 1.12 | 2.06 | ppb |
| Copper | 63-2 | 2.07 | 2.06 | 2.12 | 2.08 | 1.59 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 56.77 | 57.52 | 57.71 | 57.33 | 0.87 | ppb |
| Iron | 57-2 | 61.15 | 62.99 | 65.06 | 63.07 | 3.10 | ppb |
| Iron | 54-2 | 57.39 | 58.40 | 59.20 | 58.33 | 1.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:50:53 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.95 | 1.02 | 1.06 | 1.01 | 5.40 | ppb |
| Lead | 207-1 | 0.92 | 1.01 | 0.98 | 0.97 | 4.43 | ppb |
| Lead | 208-1 | 0.97 | 1.02 | 1.02 | 1.00 | 2.93 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 538.63 | 540.15 | 547.84 | 542.21 | 0.91 | ppb |
| Manganese | 55-2 | 1.04 | 1.05 | 1.15 | 1.08 | 6.05 | ppb |
| Molybdenum | 94-1 | 5.96 | 6.10 | 6.11 | 6.06 | 1.42 | ppb |
| Molybdenum | 95-1 | 5.00 | 5.14 | 5.14 | 5.09 | 1.61 | ppb |
| Molybdenum | 96-1 | 5.15 | 5.23 | 5.36 | 5.25 | 2.08 | ppb |
| Molybdenum | 97-1 | 5.07 | 5.37 | 5.19 | 5.21 | 2.85 | ppb |
| Molybdenum | 98-1 | 5.09 | 5.23 | 5.16 | 5.16 | 1.39 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.07 | 1.11 | 1.15 | 1.11 | 3.33 | ppb |
| Phosphorus | 31-2 | 22.32 | 30.63 | 17.74 | 23.56 | 27.74 | ppb |
| Potassium | 39-2 | 541.50 | 543.17 | 560.28 | 548.32 | 1.90 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 5.73 | 6.14 | 6.42 | 6.10 | 5.71 | ppb |
| Selenium | 77-2 | 6.55 | 4.47 | 5.94 | 5.65 | 18.89 | ppb |
| Selenium | 78-2 | 4.82 | 7.77 | 6.33 | 6.31 | 23.45 | ppb |
| Silicon | 28-1 | 1.58 | 4.27 | 2.49 | 2.78 | 49.16 | ppb |
| Silver | 107-1 | 1.09 | 1.13 | 1.15 | 1.12 | 2.76 | ppb |
| Silver | 109-1 | 1.07 | 1.13 | 1.13 | 1.11 | 2.96 | ppb |
| Sodium | 23-2 | 507.01 | 505.57 | 516.46 | 509.68 | 1.16 | ppb |
| Strontium | 86-1 | 27.27 | 25.33 | 26.73 | 26.44 | 3.78 | ppb |
| Strontium | 88-1 | 26.17 | 26.06 | 26.46 | 26.23 | 0.77 | ppb |
| Sulfur | 34-1 | -34.64 | 19.53 | -45.86 | -20.32 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 1.01 | 1.00 | 1.02 | 1.01 | 0.79 | ppb |
| Thallium | 205-1 | 0.97 | 1.00 | 0.97 | 0.98 | 1.69 | ppb |
| Tin | 118-1 | 5.43 | 5.69 | 5.60 | 5.58 | 2.40 | ppb |
| Titanium | 47-1 | 5.19 | 5.19 | 5.21 | 5.20 | 0.23 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:50:53 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.90 | 0.93 | 0.92 | 0.91 | 1.24 | ppb |
| Vanadium | 51-2 | 5.26 | 5.30 | 5.34 | 5.30 | 0.70 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 5.43 | 5.35 | 5.59 | 5.46 | 2.30 | ppb |
| Zirconium | 90-1 | 1.01 | 1.05 | 1.06 | 1.04 | 2.66 | ppb |
| Zirconium | 91-1 | 0.99 | 1.08 | 1.01 | 1.03 | 4.67 | ppb |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:54:07 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 938.62 | 944.19 | 931.74 | 938.18 | 0.66 | ppb |
| Antimony | 121-1 | 50.04 | 51.46 | 50.92 | 50.81 | 1.40 | ppb |
| Arsenic | 75-2 | 51.17 | 50.78 | 51.26 | 51.07 | 0.50 | ppb |
| Barium | 135-1 | 246.37 | 253.61 | 251.43 | 250.47 | 1.48 | ppb |
| Barium | 137-1 | 246.37 | 254.21 | 251.36 | 250.65 | 1.58 | ppb |
| Beryllium | 9-1 | 53.34 | 53.39 | 53.16 | 53.30 | 0.23 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 52.75 | 55.13 | 55.18 | 54.35 | 2.55 | ppb |
| Cadmium | 106-1 | 52.45 | 53.45 | 50.52 | 52.14 | 2.85 | ppb |
| Cadmium | 111-1 | 52.97 | 54.22 | 53.61 | 53.60 | 1.17 | ppb |
| Calcium | 43-1 | 5056.66 | 5259.05 | 5087.94 | 5134.55 | 2.12 | ppb |
| Calcium | 44-1 | 4955.98 | 4998.69 | 4953.59 | 4969.42 | 0.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 49.35 | 50.17 | 49.09 | 49.54 | 1.14 | ppb |
| Cobalt | 59-2 | 49.79 | 50.54 | 50.08 | 50.14 | 0.75 | ppb |
| Copper | 63-2 | 513.32 | 516.58 | 523.95 | 517.95 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 2592.88 | 2614.25 | 2576.76 | 2594.63 | 0.72 | ppb |
| Iron | 57-2 | 2609.43 | 2640.99 | 2618.07 | 2622.83 | 0.62 | ppb |
| Iron | 54-2 | 2689.55 | 2711.73 | 2681.49 | 2694.26 | 0.58 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:54:07 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 243.74 | 244.35 | 247.89 | 245.33 | 0.91 | ppb |
| Lead | 207-1 | 242.68 | 245.32 | 246.07 | 244.69 | 0.73 | ppb |
| Lead | 208-1 | 243.42 | 245.29 | 247.64 | 245.45 | 0.86 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 4965.05 | 4912.77 | 4886.71 | 4921.51 | 0.81 | ppb |
| Manganese | 55-2 | 492.90 | 495.28 | 493.07 | 493.75 | 0.27 | ppb |
| Molybdenum | 94-1 | 489.31 | 502.14 | 493.23 | 494.89 | 1.33 | ppb |
| Molybdenum | 95-1 | 493.23 | 492.69 | 496.53 | 494.15 | 0.42 | ppb |
| Molybdenum | 96-1 | 491.55 | 493.68 | 492.82 | 492.68 | 0.22 | ppb |
| Molybdenum | 97-1 | 491.79 | 496.56 | 497.39 | 495.24 | 0.61 | ppb |
| Molybdenum | 98-1 | 492.14 | 495.44 | 493.62 | 493.73 | 0.33 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 50.70 | 51.11 | 50.45 | 50.76 | 0.66 | ppb |
| Phosphorus | 31-2 | 1025.25 | 1028.31 | 1029.57 | 1027.71 | 0.22 | ppb |
| Potassium | 39-2 | 2564.66 | 2524.21 | 2538.66 | 2542.51 | 0.81 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 51.75 | 50.96 | 53.19 | 51.97 | 2.18 | ppb |
| Selenium | 77-2 | 56.14 | 52.29 | 55.42 | 54.62 | 3.75 | ppb |
| Selenium | 78-2 | 49.44 | 52.15 | 51.80 | 51.13 | 2.89 | ppb |
| Silicon | 28-1 | 42.85 | 46.20 | 45.17 | 44.74 | 3.83 | ppb |
| Silver | 107-1 | 53.95 | 55.61 | 55.28 | 54.94 | 1.60 | ppb |
| Silver | 109-1 | 53.20 | 55.14 | 54.65 | 54.33 | 1.85 | ppb |
| Sodium | 23-2 | 4992.33 | 5013.89 | 4977.59 | 4994.60 | 0.37 | ppb |
| Strontium | 86-1 | 1202.98 | 1224.45 | 1232.17 | 1219.87 | 1.24 | ppb |
| Strontium | 88-1 | 1228.12 | 1248.14 | 1231.94 | 1236.07 | 0.86 | ppb |
| Sulfur | 34-1 | 910.79 | 995.06 | 1036.12 | 980.66 | 6.52 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 46.40 | 46.66 | 47.32 | 46.79 | 1.01 | ppb |
| Thallium | 205-1 | 46.02 | 46.07 | 46.71 | 46.27 | 0.83 | ppb |
| Tin | 118-1 | 50.77 | 51.96 | 51.69 | 51.48 | 1.21 | ppb |
| Titanium | 47-1 | 483.77 | 496.15 | 495.78 | 491.90 | 1.43 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:54:07 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 45.50 | 45.99 | 47.34 | 46.28 | 2.06 | ppb |
| Vanadium | 51-2 | 48.14 | 48.95 | 49.15 | 48.75 | 1.09 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 498.61 | 507.35 | 497.96 | 501.30 | 1.05 | ppb |
| Zirconium | 90-1 | 48.06 | 48.49 | 48.66 | 48.40 | 0.64 | ppb |
| Zirconium | 91-1 | 48.44 | 49.23 | 48.86 | 48.84 | 0.81 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:57:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2371.93 | 2340.84 | 2347.92 | 2353.57 | 0.69 | ppb |
| Antimony | 121-1 | 124.83 | 127.26 | 126.41 | 126.17 | 0.98 | ppb |
| Arsenic | 75-2 | 127.08 | 129.41 | 125.47 | 127.32 | 1.56 | ppb |
| Barium | 135-1 | 636.63 | 643.44 | 645.00 | 641.69 | 0.69 | ppb |
| Barium | 137-1 | 633.91 | 652.10 | 644.05 | 643.35 | 1.42 | ppb |
| Beryllium | 9-1 | 131.05 | 132.30 | 131.56 | 131.64 | 0.48 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 134.16 | 133.79 | 132.35 | 133.43 | 0.71 | ppb |
| Cadmium | 106-1 | 124.78 | 127.89 | 125.82 | 126.16 | 1.25 | ppb |
| Cadmium | 111-1 | 130.25 | 133.63 | 135.13 | 133.01 | 1.88 | ppb |
| Calcium | 43-1 | 12756.14 | 12932.95 | 13086.75 | 12925.28 | 1.28 | ppb |
| Calcium | 44-1 | 12214.49 | 12578.23 | 12503.68 | 12432.13 | 1.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 124.26 | 124.85 | 125.09 | 124.73 | 0.34 | ppb |
| Cobalt | 59-2 | 125.63 | 126.67 | 127.03 | 126.44 | 0.57 | ppb |
| Copper | 63-2 | 1307.80 | 1287.57 | 1295.32 | 1296.90 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 6579.78 | 6567.64 | 6564.18 | 6570.53 | 0.12 | ppb |
| Iron | 57-2 | 6627.85 | 6622.65 | 6652.97 | 6634.49 | 0.24 | ppb |
| Iron | 54-2 | 6708.89 | 6608.93 | 6636.62 | 6651.48 | 0.78 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:57:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 593.45 | 621.70 | 616.99 | 610.72 | 2.48 | ppb |
| Lead | 207-1 | 596.96 | 625.50 | 619.61 | 614.03 | 2.45 | ppb |
| Lead | 208-1 | 599.11 | 622.83 | 622.73 | 614.89 | 2.22 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 12445.33 | 12407.08 | 12539.84 | 12464.08 | 0.55 | ppb |
| Manganese | 55-2 | 1245.49 | 1249.42 | 1258.89 | 1251.27 | 0.55 | ppb |
| Molybdenum | 94-1 | 1237.76 | 1245.73 | 1236.61 | 1240.04 | 0.40 | ppb |
| Molybdenum | 95-1 | 1230.56 | 1244.68 | 1243.54 | 1239.59 | 0.63 | ppb |
| Molybdenum | 96-1 | 1221.53 | 1248.73 | 1239.66 | 1236.64 | 1.12 | ppb |
| Molybdenum | 97-1 | 1236.75 | 1255.17 | 1252.28 | 1248.06 | 0.79 | ppb |
| Molybdenum | 98-1 | 1225.52 | 1249.34 | 1236.63 | 1237.16 | 0.96 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 126.72 | 127.91 | 128.19 | 127.61 | 0.61 | ppb |
| Phosphorus | 31-2 | 2593.66 | 2658.76 | 2557.55 | 2603.33 | 1.97 | ppb |
| Potassium | 39-2 | 6321.73 | 6331.80 | 6326.09 | 6326.54 | 0.08 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 130.12 | 131.21 | 131.06 | 130.80 | 0.45 | ppb |
| Selenium | 77-2 | 130.57 | 129.54 | 136.34 | 132.15 | 2.78 | ppb |
| Selenium | 78-2 | 133.71 | 129.51 | 128.28 | 130.50 | 2.18 | ppb |
| Silicon | 28-1 | 111.01 | 113.13 | 111.87 | 112.00 | 0.95 | ppb |
| Silver | 107-1 | 133.20 | 136.66 | 135.41 | 135.09 | 1.30 | ppb |
| Silver | 109-1 | 132.16 | 136.38 | 134.98 | 134.51 | 1.60 | ppb |
| Sodium | 23-2 | 12542.54 | 12839.19 | 12819.62 | 12733.78 | 1.30 | ppb |
| Strontium | 86-1 | 3039.29 | 3081.02 | 3110.07 | 3076.79 | 1.16 | ppb |
| Strontium | 88-1 | 3083.81 | 3118.84 | 3170.34 | 3124.33 | 1.39 | ppb |
| Sulfur | 34-1 | 2453.59 | 2468.98 | 2559.06 | 2493.88 | 2.28 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 114.91 | 118.25 | 118.02 | 117.06 | 1.59 | ppb |
| Thallium | 205-1 | 118.55 | 123.69 | 123.09 | 121.78 | 2.31 | ppb |
| Tin | 118-1 | 124.46 | 127.94 | 126.98 | 126.46 | 1.42 | ppb |
| Titanium | 47-1 | 1243.24 | 1251.84 | 1256.38 | 1250.49 | 0.53 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:57:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 114.10 | 120.50 | 118.44 | 117.68 | 2.78 | ppb |
| Vanadium | 51-2 | 122.80 | 122.41 | 122.95 | 122.72 | 0.23 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 1267.50 | 1271.50 | 1281.88 | 1273.63 | 0.58 | ppb |
| Zirconium | 90-1 | 122.82 | 125.73 | 124.01 | 124.19 | 1.18 | ppb |
| Zirconium | 91-1 | 122.08 | 122.49 | 123.44 | 122.67 | 0.57 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:59:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4675.85 | 4712.28 | 4685.63 | 4691.25 | 0.40 | ppb |
| Antimony | 121-1 | 250.22 | 256.95 | 256.49 | 254.56 | 1.48 | ppb |
| Arsenic | 75-2 | 248.47 | 250.25 | 253.76 | 250.83 | 1.07 | ppb |
| Barium | 135-1 | 1240.82 | 1283.26 | 1280.72 | 1268.26 | 1.88 | ppb |
| Barium | 137-1 | 1241.44 | 1273.74 | 1245.54 | 1253.57 | 1.40 | ppb |
| Beryllium | 9-1 | 249.03 | 254.11 | 255.51 | 252.88 | 1.35 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 253.44 | 262.74 | 258.89 | 258.36 | 1.81 | ppb |
| Cadmium | 106-1 | 241.06 | 249.29 | 244.92 | 245.09 | 1.68 | ppb |
| Cadmium | 111-1 | 253.19 | 260.52 | 257.30 | 257.01 | 1.43 | ppb |
| Calcium | 43-1 | 25563.83 | 26521.80 | 26344.21 | 26143.28 | 1.95 | ppb |
| Calcium | 44-1 | 24763.80 | 25569.38 | 25297.15 | 25210.11 | 1.63 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 248.35 | 248.68 | 246.76 | 247.93 | 0.41 | ppb |
| Cobalt | 59-2 | 253.70 | 254.17 | 255.05 | 254.31 | 0.27 | ppb |
| Copper | 63-2 | 2597.67 | 2595.20 | 2549.71 | 2580.86 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 13189.05 | 13107.09 | 13149.76 | 13148.63 | 0.31 | ppb |
| Iron | 57-2 | 13230.32 | 13245.09 | 13271.50 | 13248.97 | 0.16 | ppb |
| Iron | 54-2 | 13482.55 | 13423.78 | 13291.23 | 13399.19 | 0.73 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:59:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1206.82 | 1237.43 | 1247.40 | 1230.55 | 1.72 | ppb |
| Lead | 207-1 | 1216.02 | 1251.56 | 1251.26 | 1239.61 | 1.65 | ppb |
| Lead | 208-1 | 1216.17 | 1254.75 | 1244.53 | 1238.49 | 1.61 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 25023.69 | 25007.00 | 24888.09 | 24972.93 | 0.30 | ppb |
| Manganese | 55-2 | 2543.90 | 2518.48 | 2517.30 | 2526.56 | 0.59 | ppb |
| Molybdenum | 94-1 | 2461.65 | 2507.76 | 2504.24 | 2491.22 | 1.03 | ppb |
| Molybdenum | 95-1 | 2466.68 | 2510.51 | 2510.12 | 2495.77 | 1.01 | ppb |
| Molybdenum | 96-1 | 2462.02 | 2516.26 | 2507.83 | 2495.37 | 1.17 | ppb |
| Molybdenum | 97-1 | 2454.05 | 2523.49 | 2529.30 | 2502.28 | 1.67 | ppb |
| Molybdenum | 98-1 | 2454.49 | 2514.73 | 2520.68 | 2496.63 | 1.47 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 251.68 | 251.34 | 250.73 | 251.25 | 0.19 | ppb |
| Phosphorus | 31-2 | 5179.76 | 5099.86 | 5125.43 | 5135.01 | 0.79 | ppb |
| Potassium | 39-2 | 12472.81 | 12559.00 | 12515.26 | 12515.69 | 0.34 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 256.80 | 257.23 | 259.22 | 257.75 | 0.50 | ppb |
| Selenium | 77-2 | 252.37 | 239.94 | 255.89 | 249.40 | 3.36 | ppb |
| Selenium | 78-2 | 255.51 | 257.92 | 255.16 | 256.20 | 0.59 | ppb |
| Silicon | 28-1 | 221.41 | 226.76 | 227.54 | 225.24 | 1.48 | ppb |
| Silver | 107-1 | 260.46 | 264.00 | 264.94 | 263.13 | 0.90 | ppb |
| Silver | 109-1 | 257.31 | 266.27 | 263.50 | 262.36 | 1.75 | ppb |
| Sodium | 23-2 | 25621.98 | 25429.71 | 25547.32 | 25533.00 | 0.38 | ppb |
| Strontium | 86-1 | 6051.87 | 6168.93 | 6215.93 | 6145.57 | 1.37 | ppb |
| Strontium | 88-1 | 6180.69 | 6329.76 | 6280.97 | 6263.81 | 1.21 | ppb |
| Sulfur | 34-1 | 4926.78 | 5107.87 | 5107.44 | 5047.36 | 2.07 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 243.27 | 249.84 | 245.01 | 246.04 | 1.38 | ppb |
| Thallium | 205-1 | 241.77 | 250.09 | 246.90 | 246.25 | 1.71 | ppb |
| Tin | 118-1 | 247.27 | 255.04 | 253.66 | 251.99 | 1.64 | ppb |
| Titanium | 47-1 | 2488.37 | 2564.33 | 2549.36 | 2534.02 | 1.59 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:59:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 236.46 | 242.13 | 240.79 | 239.79 | 1.23 | ppb |
| Vanadium | 51-2 | 244.94 | 245.95 | 244.09 | 244.99 | 0.38 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 2563.20 | 2559.29 | 2560.98 | 2561.16 | 0.08 | ppb |
| Zirconium | 90-1 | 245.33 | 251.42 | 250.42 | 249.06 | 1.31 | ppb |
| Zirconium | 91-1 | 240.39 | 249.04 | 248.66 | 246.03 | 1.99 | ppb |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:02:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9796.59 | 9664.30 | 9728.14 | 9729.68 | 0.68 | ppb |
| Antimony | 121-1 | 499.74 | 492.50 | 500.46 | 497.56 | 0.89 | ppb |
| Arsenic | 75-2 | 506.94 | 498.00 | 494.69 | 499.88 | 1.27 | ppb |
| Barium | 135-1 | 2470.77 | 2444.75 | 2471.79 | 2462.44 | 0.62 | ppb |
| Barium | 137-1 | 2502.87 | 2476.18 | 2484.66 | 2487.91 | 0.55 | ppb |
| Beryllium | 9-1 | 494.68 | 483.66 | 470.07 | 482.80 | 2.55 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 511.32 | 511.16 | 501.55 | 508.01 | 1.10 | ppb |
| Cadmium | 106-1 | 497.51 | 496.41 | 495.52 | 496.48 | 0.20 | ppb |
| Cadmium | 111-1 | 505.36 | 501.86 | 498.49 | 501.90 | 0.69 | ppb |
| Calcium | 43-1 | 49900.03 | 50151.49 | 50793.75 | 50281.76 | 0.92 | ppb |
| Calcium | 44-1 | 50309.45 | 50259.30 | 50309.40 | 50292.71 | 0.06 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 503.67 | 501.16 | 497.29 | 500.71 | 0.64 | ppb |
| Cobalt | 59-2 | 510.03 | 502.88 | 496.86 | 503.26 | 1.31 | ppb |
| Copper | 63-2 | 5096.22 | 5065.76 | 5008.45 | 5056.81 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 26376.65 | 26221.55 | 26042.62 | 26213.61 | 0.64 | ppb |
| Iron | 57-2 | 26094.55 | 26034.11 | 26133.15 | 26087.27 | 0.19 | ppb |
| Iron | 54-2 | 26440.85 | 26619.20 | 26575.61 | 26545.22 | 0.35 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:02:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2487.76 | 2513.62 | 2503.87 | 2501.75 | 0.52 | ppb |
| Lead | 207-1 | 2497.62 | 2504.30 | 2507.11 | 2503.01 | 0.19 | ppb |
| Lead | 208-1 | 2498.15 | 2510.09 | 2512.16 | 2506.80 | 0.30 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 49786.79 | 49951.95 | 49758.56 | 49832.43 | 0.21 | ppb |
| Manganese | 55-2 | 5036.73 | 5006.27 | 4973.88 | 5005.63 | 0.63 | ppb |
| Molybdenum | 94-1 | 5110.73 | 4985.44 | 5023.71 | 5039.96 | 1.27 | ppb |
| Molybdenum | 95-1 | 5047.71 | 4993.90 | 5020.93 | 5020.85 | 0.54 | ppb |
| Molybdenum | 96-1 | 5068.92 | 5001.40 | 5008.22 | 5026.18 | 0.74 | ppb |
| Molybdenum | 97-1 | 5072.04 | 5061.25 | 5053.51 | 5062.26 | 0.18 | ppb |
| Molybdenum | 98-1 | 5079.06 | 5061.34 | 5015.08 | 5051.83 | 0.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 493.68 | 491.66 | 492.31 | 492.55 | 0.21 | ppb |
| Phosphorus | 31-2 | 10117.18 | 10054.17 | 10041.74 | 10071.03 | 0.40 | ppb |
| Potassium | 39-2 | 24814.72 | 24692.33 | 24683.92 | 24730.32 | 0.30 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 89 | | % |
| Scandium | 45-1 | | | | 85 | | % |
| Scandium | 45-2 | | | | 85 | | % |
| Selenium | 82-1 | 516.67 | 503.48 | 510.59 | 510.25 | 1.29 | ppb |
| Selenium | 77-2 | 508.74 | 508.94 | 510.23 | 509.30 | 0.16 | ppb |
| Selenium | 78-2 | 512.65 | 504.53 | 510.57 | 509.25 | 0.83 | ppb |
| Silicon | 28-1 | 449.36 | 445.34 | 442.36 | 445.69 | 0.79 | ppb |
| Silver | 107-1 | 514.84 | 503.79 | 506.87 | 508.50 | 1.12 | ppb |
| Silver | 109-1 | 508.57 | 506.68 | 502.29 | 505.85 | 0.64 | ppb |
| Sodium | 23-2 | 51339.53 | 50759.01 | 50686.09 | 50928.21 | 0.70 | ppb |
| Strontium | 86-1 | 12696.65 | 12553.97 | 12525.44 | 12592.02 | 0.73 | ppb |
| Strontium | 88-1 | 12737.32 | 12551.48 | 12493.26 | 12594.02 | 1.01 | ppb |
| Sulfur | 34-1 | 10020.56 | 9961.28 | 9812.43 | 9931.42 | 1.08 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 501.94 | 496.26 | 499.93 | 499.38 | 0.58 | ppb |
| Thallium | 205-1 | 498.58 | 500.59 | 497.80 | 498.99 | 0.29 | ppb |
| Tin | 118-1 | 499.70 | 500.63 | 499.22 | 499.85 | 0.14 | ppb |
| Titanium | 47-1 | 5053.95 | 5037.45 | 5026.69 | 5039.36 | 0.27 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:02:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 495.24 | 500.00 | 496.53 | 497.26 | 0.50 | ppb |
| Vanadium | 51-2 | 498.83 | 498.94 | 494.31 | 497.36 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 90 | | % |
| Yttrium | 89-2 | | | | 89 | | % |
| Zinc | 66-2 | 5133.09 | 5134.06 | 5066.09 | 5111.08 | 0.76 | ppb |
| Zirconium | 90-1 | 510.47 | 498.27 | 498.41 | 502.38 | 1.39 | ppb |
| Zirconium | 91-1 | 511.40 | 503.16 | 503.31 | 505.96 | 0.93 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:05:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19263.13 | 19190.66 | 19396.85 | 19283.55 | 0.54 | ppb |
| Antimony | 121-1 | 990.57 | 1005.13 | 1003.98 | 999.89 | 0.81 | ppb |
| Arsenic | 75-2 | 1008.18 | 991.00 | 999.35 | 999.51 | 0.86 | ppb |
| Barium | 135-1 | 4953.95 | 5081.24 | 5001.12 | 5012.10 | 1.28 | ppb |
| Barium | 137-1 | 4921.92 | 5062.44 | 5024.11 | 5002.83 | 1.45 | ppb |
| Beryllium | 9-1 | 1007.33 | 989.98 | 1023.34 | 1006.88 | 1.66 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 983.28 | 1000.19 | 994.43 | 992.63 | 0.87 | ppb |
| Cadmium | 106-1 | 987.29 | 1010.94 | 1009.98 | 1002.74 | 1.33 | ppb |
| Cadmium | 111-1 | 978.47 | 1010.04 | 999.84 | 996.12 | 1.62 | ppb |
| Calcium | 43-1 | 98880.21 | 99454.20 | 101447.97 | 99927.46 | 1.35 | ppb |
| Calcium | 44-1 | 98785.14 | 99749.37 | 100792.20 | 99775.57 | 1.01 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1007.38 | 993.84 | 999.44 | 1000.22 | 0.68 | ppb |
| Cobalt | 59-2 | 1003.26 | 989.40 | 998.67 | 997.11 | 0.71 | ppb |
| Copper | 63-2 | 10021.26 | 9887.25 | 9925.35 | 9944.62 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 89 | | % |
| Indium | 115-2 | | | | 88 | | % |
| Iron | 56-2 | 52791.00 | 51437.35 | 51985.09 | 52071.15 | 1.31 | ppb |
| Iron | 57-2 | 51644.22 | 50763.39 | 51442.26 | 51283.29 | 0.90 | ppb |
| Iron | 54-2 | 52579.51 | 52408.41 | 52854.59 | 52614.17 | 0.43 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:05:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5013.46 | 4955.55 | 5049.01 | 5006.01 | 0.94 | ppb |
| Lead | 207-1 | 5030.13 | 4924.54 | 5053.52 | 5002.73 | 1.37 | ppb |
| Lead | 208-1 | 5006.63 | 4946.03 | 5050.25 | 5000.97 | 1.05 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 99206.07 | 97750.33 | 98784.72 | 98580.37 | 0.76 | ppb |
| Manganese | 55-2 | 10047.89 | 9924.58 | 9999.63 | 9990.70 | 0.62 | ppb |
| Molybdenum | 94-1 | 9941.70 | 9955.52 | 10053.92 | 9983.72 | 0.61 | ppb |
| Molybdenum | 95-1 | 9950.20 | 9984.80 | 10041.68 | 9992.23 | 0.46 | ppb |
| Molybdenum | 96-1 | 9996.41 | 9967.70 | 10006.21 | 9990.10 | 0.20 | ppb |
| Molybdenum | 97-1 | 9958.70 | 9941.83 | 10005.80 | 9968.78 | 0.33 | ppb |
| Molybdenum | 98-1 | 9923.23 | 9978.85 | 10028.46 | 9976.85 | 0.53 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1005.03 | 997.05 | 1007.06 | 1003.05 | 0.53 | ppb |
| Phosphorus | 31-2 | 20142.85 | 19660.43 | 19946.01 | 19916.43 | 1.22 | ppb |
| Potassium | 39-2 | 49658.64 | 49187.31 | 49326.52 | 49390.82 | 0.49 | ppb |
| Rhodium | 103-1 | | | | 86 | | % |
| Rhodium | 103-2 | | | | 87 | | % |
| Scandium | 45-1 | | | | 85 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 987.45 | 989.09 | 999.80 | 992.11 | 0.68 | ppb |
| Selenium | 77-2 | 991.58 | 984.06 | 1007.47 | 994.37 | 1.20 | ppb |
| Selenium | 78-2 | 1016.89 | 963.63 | 998.71 | 993.08 | 2.73 | ppb |
| Silicon | 28-1 | 1033.93 | 1038.06 | 1033.93 | 1035.31 | 0.23 | ppb |
| Silver | 107-1 | 975.01 | 1005.73 | 992.13 | 990.96 | 1.55 | ppb |
| Silver | 109-1 | 983.86 | 1000.76 | 993.12 | 992.58 | 0.85 | ppb |
| Sodium | 23-2 | 102553.44 | 100590.83 | 101482.87 | 101542.38 | 0.97 | ppb |
| Strontium | 86-1 | 24979.80 | 25018.85 | 24964.23 | 24987.63 | 0.11 | ppb |
| Strontium | 88-1 | 24918.46 | 24921.41 | 25011.09 | 24950.32 | 0.21 | ppb |
| Sulfur | 34-1 | 19906.29 | 20183.62 | 19982.63 | 20024.18 | 0.72 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 1013.75 | 982.22 | 1011.39 | 1002.45 | 1.75 | ppb |
| Thallium | 205-1 | 1008.44 | 989.49 | 1008.16 | 1002.03 | 1.08 | ppb |
| Tin | 118-1 | 979.40 | 1012.01 | 1006.54 | 999.32 | 1.75 | ppb |
| Titanium | 47-1 | 9881.62 | 9980.86 | 10054.00 | 9972.16 | 0.87 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:05:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1004.63 | 993.58 | 1016.87 | 1005.02 | 1.16 | ppb |
| Vanadium | 51-2 | 999.45 | 1010.91 | 998.39 | 1002.92 | 0.69 | ppb |
| Yttrium | 89-1 | | | | 90 | | % |
| Yttrium | 89-2 | | | | 89 | | % |
| Zinc | 66-2 | 10028.21 | 9816.88 | 9933.36 | 9926.15 | 1.07 | ppb |
| Zirconium | 90-1 | 991.88 | 1000.05 | 1005.75 | 999.23 | 0.70 | ppb |
| Zirconium | 91-1 | 997.94 | 994.37 | 1002.78 | 998.36 | 0.42 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:08:15 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 99839.19 | 100887.28 | 99843.65 | 100190.04 | 0.60 | ppb |
| Antimony | 121-1 | 0.62 | 0.57 | 0.50 | 0.56 | 11.17 | ppb |
| Arsenic | 75-2 | 0.75 | 0.50 | 0.51 | 0.59 | 24.75 | ppb |
| Barium | 135-1 | 2.31 | 2.34 | 2.33 | 2.33 | 0.68 | ppb |
| Barium | 137-1 | 2.38 | 2.37 | 2.24 | 2.33 | 3.33 | ppb |
| Beryllium | 9-1 | 0.21 | 0.23 | 0.21 | 0.22 | 6.05 | ppb |
| Bismuth | 209-1 | | | | 86 | | % |
| Bismuth | 209-2 | | | | 86 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.35 | 0.19 | 0.20 | 0.24 | 38.21 | ppb |
| Cadmium | 106-1 | -28.79 | -26.15 | -29.32 | -28.08 | | ppb |
| Cadmium | 111-1 | 0.22 | 0.20 | 0.18 | 0.20 | 9.16 | ppb |
| Calcium | 43-1 | 503854.80 | 497039.20 | 498857.42 | 499917.14 | 0.71 | ppb |
| Calcium | 44-1 | 506415.89 | 496772.26 | 496833.04 | 500007.06 | 1.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1.47 | 1.29 | 1.02 | 1.26 | 17.85 | ppb |
| Cobalt | 59-2 | 2.88 | 2.84 | 2.87 | 2.86 | 0.69 | ppb |
| Copper | 63-2 | 2.36 | 2.41 | 2.32 | 2.36 | 1.98 | 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 | | | | 94 | | % |
| Holmium | 165-2 | | | | 96 | | % |
| Indium | 115-1 | | | | 85 | | % |
| Indium | 115-2 | | | | 87 | | % |
| Iron | 56-2 | 250376.68 | 249002.78 | 248889.59 | 249423.02 | 0.33 | ppb |
| Iron | 57-2 | 250741.55 | 249045.21 | 248972.21 | 249586.32 | 0.40 | ppb |
| Iron | 54-2 | 249412.75 | 250736.80 | 247647.56 | 249265.70 | 0.62 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:08:15 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.77 | 1.71 | 1.64 | 1.71 | 3.67 | ppb |
| Lead | 207-1 | 1.82 | 1.61 | 1.61 | 1.68 | 7.12 | ppb |
| Lead | 208-1 | 1.78 | 1.66 | 1.62 | 1.69 | 4.90 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 499212.20 | 503823.82 | 497875.01 | 500303.68 | 0.62 | ppb |
| Manganese | 55-2 | 5.15 | 5.44 | 5.11 | 5.23 | 3.45 | ppb |
| Molybdenum | 94-1 | 2.88 | 2.78 | 2.62 | 2.76 | 4.74 | ppb |
| Molybdenum | 95-1 | 1.97 | 1.86 | 1.81 | 1.88 | 4.40 | ppb |
| Molybdenum | 96-1 | 3.57 | 3.40 | 3.41 | 3.46 | 2.70 | ppb |
| Molybdenum | 97-1 | 2.01 | 1.78 | 1.80 | 1.86 | 6.90 | ppb |
| Molybdenum | 98-1 | 1.93 | 1.72 | 1.65 | 1.77 | 8.39 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 4.56 | 4.55 | 4.47 | 4.53 | 1.08 | ppb |
| Phosphorus | 31-2 | -5.01 | -5.98 | -2.11 | -4.37 | | ppb |
| Potassium | 39-2 | 250074.50 | 250057.98 | 250304.27 | 250145.58 | 0.06 | ppb |
| Rhodium | 103-1 | | | | 79 | | % |
| Rhodium | 103-2 | | | | 81 | | % |
| Scandium | 45-1 | | | | 86 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 1.48 | 1.11 | 1.49 | 1.36 | 16.11 | ppb |
| Selenium | 77-2 | 0.39 | 0.58 | 0.19 | 0.39 | 49.68 | ppb |
| Selenium | 78-2 | -0.72 | 0.19 | -0.39 | -0.31 | | ppb |
| Silicon | 28-1 | -21.70 | -22.97 | -23.25 | -22.64 | | ppb |
| Silver | 107-1 | 0.25 | 0.23 | 0.22 | 0.23 | 7.79 | ppb |
| Silver | 109-1 | 0.25 | 0.21 | 0.21 | 0.23 | 10.93 | ppb |
| Sodium | 23-2 | 496982.34 | 501326.75 | 500389.66 | 499566.25 | 0.46 | ppb |
| Strontium | 86-1 | 74.45 | 70.29 | 76.78 | 73.84 | 4.45 | ppb |
| Strontium | 88-1 | 76.58 | 75.53 | 75.63 | 75.91 | 0.76 | ppb |
| Sulfur | 34-1 | -311.79 | -413.99 | -290.86 | -338.88 | | ppb |
| Terbium | 159-1 | | | | 94 | | % |
| Terbium | 159-2 | | | | 94 | | % |
| Thallium | 203-1 | 0.21 | 0.18 | 0.15 | 0.18 | 16.44 | ppb |
| Thallium | 205-1 | 0.19 | 0.17 | 0.15 | 0.17 | 10.78 | ppb |
| Tin | 118-1 | 0.29 | 0.26 | 0.23 | 0.26 | 11.51 | ppb |
| Titanium | 47-1 | 1.75 | 1.58 | 1.62 | 1.65 | 5.22 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:08:15 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.16 | 0.13 | 0.12 | 0.14 | 13.53 | ppb |
| Vanadium | 51-2 | 0.23 | 0.24 | 0.22 | 0.23 | 2.96 | ppb |
| Yttrium | 89-1 | | | | 87 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 14.32 | 13.91 | 13.80 | 14.01 | 1.94 | ppb |
| Zirconium | 90-1 | 0.63 | 0.61 | 0.62 | 0.62 | 1.47 | ppb |
| Zirconium | 91-1 | 0.70 | 0.59 | 0.61 | 0.63 | 8.85 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:17:57 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 472.08 | 481.00 | 477.91 | 476.99 | 0.95 | ppb |
| Antimony | 121-1 | 199.32 | 206.86 | 208.96 | 205.05 | 2.47 | ppb |
| Arsenic | 75-2 | 210.65 | 210.91 | 209.36 | 210.31 | 0.39 | ppb |
| Barium | 135-1 | 97.59 | 101.53 | 102.32 | 100.48 | 2.52 | ppb |
| Barium | 137-1 | 97.85 | 100.91 | 101.64 | 100.13 | 2.01 | ppb |
| Beryllium | 9-1 | 99.58 | 101.60 | 101.26 | 100.82 | 1.07 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 115.87 | 117.22 | 119.02 | 117.37 | 1.34 | ppb |
| Cadmium | 106-1 | 68.52 | 66.05 | 67.47 | 67.35 | 1.84 | ppb |
| Cadmium | 111-1 | 107.05 | 110.63 | 110.58 | 109.42 | 1.88 | ppb |
| Calcium | 43-1 | 1961.96 | 2052.57 | 2058.76 | 2024.43 | 2.68 | ppb |
| Calcium | 44-1 | 1927.94 | 2034.63 | 2053.40 | 2005.32 | 3.37 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 103.31 | 104.08 | 104.09 | 103.82 | 0.43 | ppb |
| Cobalt | 59-2 | 104.42 | 104.82 | 104.36 | 104.53 | 0.24 | ppb |
| Copper | 63-2 | 99.04 | 99.77 | 99.65 | 99.49 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 2137.78 | 2153.22 | 2146.56 | 2145.85 | 0.36 | ppb |
| Iron | 57-2 | 2131.30 | 2155.18 | 2159.99 | 2148.82 | 0.72 | ppb |
| Iron | 54-2 | 2241.80 | 2261.78 | 2258.50 | 2254.03 | 0.48 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:17:57 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 194.28 | 204.64 | 205.77 | 201.56 | 3.14 | ppb |
| Lead | 207-1 | 176.23 | 183.00 | 186.80 | 182.01 | 2.94 | ppb |
| Lead | 208-1 | 189.62 | 196.82 | 199.50 | 195.31 | 2.62 | ppb |
| Lithium | 6-1 | | | | 110 | | % |
| Magnesium | 24-2 | 1160.77 | 1172.73 | 1173.29 | 1168.93 | 0.60 | ppb |
| Manganese | 55-2 | 104.16 | 104.48 | 103.94 | 104.19 | 0.26 | ppb |
| Molybdenum | 94-1 | 3924.30 | 4065.28 | 4073.06 | 4020.88 | 2.08 | ppb |
| Molybdenum | 95-1 | 4807.67 | 4941.59 | 4991.29 | 4913.52 | 1.93 | ppb |
| Molybdenum | 96-1 | 4703.42 | 4855.17 | 4900.93 | 4819.84 | 2.15 | ppb |
| Molybdenum | 97-1 | 4791.61 | 5033.86 | 5037.03 | 4954.17 | 2.84 | ppb |
| Molybdenum | 98-1 | 4798.13 | 4991.68 | 4969.33 | 4919.71 | 2.15 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 106.28 | 107.01 | 107.39 | 106.90 | 0.53 | ppb |
| Phosphorus | 31-2 | -15.33 | -13.90 | -18.60 | -15.94 | | ppb |
| Potassium | 39-2 | 1989.30 | 2022.03 | 2024.34 | 2011.89 | 0.97 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 209.79 | 216.88 | 217.69 | 214.79 | 2.02 | ppb |
| Selenium | 77-2 | 222.54 | 230.10 | 227.06 | 226.57 | 1.68 | ppb |
| Selenium | 78-2 | 214.90 | 212.98 | 219.59 | 215.83 | 1.58 | ppb |
| Silicon | 28-1 | -25.57 | -25.30 | -25.23 | -25.36 | | ppb |
| Silver | 107-1 | 49.10 | 50.71 | 51.05 | 50.29 | 2.07 | ppb |
| Silver | 109-1 | 48.40 | 50.46 | 50.28 | 49.72 | 2.29 | ppb |
| Sodium | 23-2 | 2049.47 | 2100.62 | 2078.35 | 2076.15 | 1.24 | ppb |
| Strontium | 86-1 | 5.42 | 5.45 | 5.29 | 5.38 | 1.62 | ppb |
| Strontium | 88-1 | 6.26 | 6.64 | 6.62 | 6.51 | 3.25 | ppb |
| Sulfur | 34-1 | -430.61 | -358.27 | -395.66 | -394.85 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 194.28 | 201.16 | 201.27 | 198.90 | 2.02 | ppb |
| Thallium | 205-1 | 190.93 | 200.68 | 201.46 | 197.69 | 2.97 | ppb |
| Tin | 118-1 | 0.16 | 0.16 | 0.17 | 0.16 | 6.03 | ppb |
| Titanium | 47-1 | 0.31 | 0.33 | 0.40 | 0.34 | 12.97 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:17:57 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 108.42 | ppb |
| Vanadium | 51-2 | 97.97 | 99.28 | 99.03 | 98.76 | 0.71 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 210.49 | 211.91 | 209.55 | 210.65 | 0.56 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.03 | 0.02 | 18.53 | ppb |
| Zirconium | 91-1 | 0.06 | 0.06 | 0.06 | 0.06 | 6.50 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:24:23 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.16 | 0.09 | 0.13 | 0.13 | 27.69 | ppb |
| Antimony | 121-1 | 0.03 | 0.03 | 0.03 | 0.03 | 15.25 | ppb |
| Arsenic | 75-2 | 0.04 | -0.01 | -0.01 | 0.00 | 855.19 | ppb |
| Barium | 135-1 | 0.00 | 0.00 | 0.00 | 0.00 | 75.40 | ppb |
| Barium | 137-1 | 0.00 | 0.01 | 0.01 | 0.00 | 135.61 | ppb |
| Beryllium | 9-1 | 0.02 | -0.01 | 0.02 | 0.01 | 157.26 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.05 | 0.02 | -0.23 | -0.09 | | ppb |
| Cadmium | 106-1 | -28.02 | -22.58 | -26.68 | -25.76 | | ppb |
| Cadmium | 111-1 | -0.01 | -0.02 | 0.01 | -0.01 | | ppb |
| Calcium | 43-1 | -4.13 | -2.20 | -3.98 | -3.44 | | ppb |
| Calcium | 44-1 | -3.42 | -0.71 | -1.21 | -1.78 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.03 | 0.01 | 0.00 | 0.01 | 132.38 | ppb |
| Cobalt | 59-2 | 0.00 | 0.01 | 0.01 | 0.01 | 133.54 | ppb |
| Copper | 63-2 | 0.05 | 0.04 | 0.02 | 0.04 | 43.70 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 0.86 | 0.69 | 0.83 | 0.79 | 11.66 | ppb |
| Iron | 57-2 | 0.37 | -0.69 | -0.62 | -0.31 | | ppb |
| Iron | 54-2 | 1.53 | 0.19 | 0.82 | 0.85 | 79.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:24:23 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.02 | 0.02 | 0.02 | 0.02 | 6.87 | ppb |
| Lead | 207-1 | 0.01 | 0.02 | 0.01 | 0.01 | 14.92 | ppb |
| Lead | 208-1 | 0.02 | 0.01 | 0.02 | 0.02 | 13.62 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 1.09 | 1.09 | 0.88 | 1.02 | 12.19 | ppb |
| Manganese | 55-2 | 0.02 | 0.01 | 0.01 | 0.02 | 39.91 | ppb |
| Molybdenum | 94-1 | 0.12 | 0.10 | 0.14 | 0.12 | 15.65 | ppb |
| Molybdenum | 95-1 | 0.15 | 0.19 | 0.19 | 0.18 | 12.35 | ppb |
| Molybdenum | 96-1 | 0.17 | 0.16 | 0.17 | 0.16 | 1.78 | ppb |
| Molybdenum | 97-1 | 0.17 | 0.15 | 0.15 | 0.16 | 5.23 | ppb |
| Molybdenum | 98-1 | 0.15 | 0.16 | 0.17 | 0.16 | 6.80 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.04 | 0.07 | -0.04 | 0.00 | | ppb |
| Phosphorus | 31-2 | -15.54 | -9.76 | -12.65 | -12.65 | | ppb |
| Potassium | 39-2 | -3.05 | -1.54 | -1.82 | -2.13 | | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.55 | 0.10 | 0.48 | 0.38 | 63.60 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.18 | 0.06 | 173.21 | ppb |
| Selenium | 78-2 | -0.91 | -0.29 | -1.57 | -0.92 | | ppb |
| Silicon | 28-1 | -23.99 | -9.05 | -8.52 | -13.85 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 19.73 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 20.55 | ppb |
| Sodium | 23-2 | 14.04 | 15.69 | 15.42 | 15.05 | 5.89 | ppb |
| Strontium | 86-1 | -0.03 | 0.25 | 0.00 | 0.07 | 205.50 | ppb |
| Strontium | 88-1 | 0.00 | 0.00 | 0.00 | 0.00 | 141.25 | ppb |
| Sulfur | 34-1 | -204.03 | -138.43 | -88.93 | -143.79 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.02 | 0.01 | 0.01 | 0.01 | 32.13 | ppb |
| Thallium | 205-1 | 0.01 | 0.01 | 0.01 | 0.01 | 18.15 | ppb |
| Tin | 118-1 | 0.02 | -0.01 | 0.01 | 0.01 | 250.01 | ppb |
| Titanium | 47-1 | 0.00 | 0.02 | 0.02 | 0.01 | 94.70 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:24:23 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 0.08 | 0.05 | 0.06 | 0.06 | 19.64 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 116.61 | ppb |
| Zirconium | 91-1 | 0.00 | 0.01 | -0.01 | 0.00 | | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:36:10 | DataFile Name : | 017ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 89006.72 | 88101.29 | 87697.72 | 88268.57 | 0.76 | ppb |
| Antimony | 121-1 | 1.10 | 1.12 | 1.07 | 1.10 | 2.32 | ppb |
| Arsenic | 75-2 | 0.37 | 0.36 | 0.30 | 0.34 | 10.28 | ppb |
| Barium | 135-1 | 1.36 | 1.22 | 1.35 | 1.31 | 5.77 | ppb |
| Barium | 137-1 | 1.37 | 1.36 | 1.33 | 1.35 | 1.70 | ppb |
| Beryllium | 9-1 | 0.30 | 0.28 | 0.24 | 0.28 | 11.15 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 8.61 | 8.36 | 8.77 | 8.58 | 2.45 | ppb |
| Cadmium | 106-1 | -33.37 | -40.54 | -39.71 | -37.88 | | ppb |
| Cadmium | 111-1 | 0.43 | 0.37 | 0.37 | 0.39 | 9.35 | ppb |
| Calcium | 43-1 | 98774.89 | 97879.13 | 98670.13 | 98441.38 | 0.50 | ppb |
| Calcium | 44-1 | 98491.26 | 97704.55 | 97719.99 | 97971.94 | 0.46 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19.47 | 19.49 | 19.11 | 19.36 | 1.09 | ppb |
| Cobalt | 59-2 | 1.25 | 1.27 | 1.26 | 1.26 | 0.66 | ppb |
| Copper | 63-2 | 7.26 | 7.43 | 7.26 | 7.32 | 1.32 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 102581.46 | 102255.96 | 101578.90 | 102138.77 | 0.50 | ppb |
| Iron | 57-2 | 100594.24 | 100230.94 | 100418.81 | 100414.66 | 0.18 | ppb |
| Iron | 54-2 | 102723.68 | 102649.35 | 101698.67 | 102357.23 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:36:10 | DataFile Name : | 017ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4.96 | 4.81 | 4.64 | 4.80 | 3.31 | ppb |
| Lead | 207-1 | 4.48 | 4.35 | 4.20 | 4.34 | 3.21 | ppb |
| Lead | 208-1 | 4.64 | 4.51 | 4.39 | 4.51 | 2.77 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 96629.49 | 95119.26 | 94955.90 | 95568.22 | 0.97 | ppb |
| Manganese | 55-2 | 7.76 | 7.91 | 7.83 | 7.83 | 0.93 | ppb |
| Molybdenum | 94-1 | 1613.02 | 1563.40 | 1592.01 | 1589.48 | 1.57 | ppb |
| Molybdenum | 95-1 | 1980.13 | 1931.87 | 1938.31 | 1950.10 | 1.34 | ppb |
| Molybdenum | 96-1 | 1940.85 | 1888.34 | 1896.37 | 1908.52 | 1.48 | ppb |
| Molybdenum | 97-1 | 1985.27 | 1921.74 | 1953.04 | 1953.35 | 1.63 | ppb |
| Molybdenum | 98-1 | 1963.10 | 1954.50 | 1934.62 | 1950.74 | 0.75 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 5.50 | 5.23 | 5.12 | 5.28 | 3.69 | ppb |
| Phosphorus | 31-2 | 100114.89 | 100485.99 | 99039.03 | 99879.97 | 0.75 | ppb |
| Potassium | 39-2 | 96639.78 | 95875.85 | 95493.01 | 96002.88 | 0.61 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 0.32 | -0.60 | 0.32 | 0.01 | 4324.14 | ppb |
| Selenium | 77-2 | 0.18 | 0.18 | 0.19 | 0.18 | 0.37 | ppb |
| Selenium | 78-2 | -0.68 | -1.75 | -0.28 | -0.90 | | ppb |
| Silicon | 28-1 | -6.25 | -22.80 | -23.16 | -17.40 | | ppb |
| Silver | 107-1 | 0.03 | 0.02 | 0.03 | 0.03 | 6.29 | ppb |
| Silver | 109-1 | 0.03 | 0.03 | 0.03 | 0.03 | 11.32 | ppb |
| Sodium | 23-2 | 98839.66 | 97653.43 | 97169.14 | 97887.41 | 0.88 | ppb |
| Strontium | 86-1 | 843.79 | 833.17 | 842.11 | 839.69 | 0.68 | ppb |
| Strontium | 88-1 | 840.09 | 834.43 | 835.43 | 836.65 | 0.36 | ppb |
| Sulfur | 34-1 | 108602.15 | 105445.78 | 106472.37 | 106840.10 | 1.51 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.10 | 0.10 | 0.10 | 0.10 | 2.07 | ppb |
| Thallium | 205-1 | 0.10 | 0.10 | 0.10 | 0.10 | 2.91 | ppb |
| Tin | 118-1 | 0.15 | 0.16 | 0.15 | 0.15 | 2.72 | ppb |
| Titanium | 47-1 | 2044.44 | 2027.33 | 1991.09 | 2020.95 | 1.35 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:36:10 | DataFile Name : | 017ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.01 | 0.01 | 0.01 | 0.01 | 7.39 | ppb |
| Vanadium | 51-2 | 0.19 | 0.19 | 0.20 | 0.19 | 2.72 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 10.89 | 11.30 | 11.22 | 11.13 | 1.95 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.01 | 0.02 | 43.59 | ppb |
| Zirconium | 91-1 | 0.02 | 0.02 | 0.00 | 0.01 | 55.16 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:39:12 | DataFile Name : | 018ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 87994.16 | 88631.21 | 87451.49 | 88025.62 | 0.67 | ppb |
| Antimony | 121-1 | 20.77 | 20.42 | 20.44 | 20.54 | 0.95 | ppb |
| Arsenic | 75-2 | 20.35 | 19.96 | 19.91 | 20.07 | 1.19 | ppb |
| Barium | 135-1 | 21.14 | 20.56 | 20.70 | 20.80 | 1.44 | ppb |
| Barium | 137-1 | 20.90 | 20.54 | 20.45 | 20.63 | 1.17 | ppb |
| Beryllium | 9-1 | 19.91 | 19.70 | 19.28 | 19.63 | 1.63 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 25.64 | 24.62 | 24.62 | 24.96 | 2.36 | ppb |
| Cadmium | 106-1 | -18.43 | -20.66 | -25.54 | -21.54 | | ppb |
| Cadmium | 111-1 | 20.11 | 19.80 | 19.98 | 19.96 | 0.77 | ppb |
| Calcium | 43-1 | 97797.32 | 96535.21 | 96614.43 | 96982.32 | 0.73 | ppb |
| Calcium | 44-1 | 99240.42 | 97697.21 | 97891.12 | 98276.25 | 0.86 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 38.91 | 38.68 | 38.79 | 38.79 | 0.30 | ppb |
| Cobalt | 59-2 | 20.66 | 20.70 | 20.36 | 20.57 | 0.92 | ppb |
| Copper | 63-2 | 25.93 | 25.40 | 25.69 | 25.67 | 1.03 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 102532.95 | 102598.26 | 101096.78 | 102076.00 | 0.83 | ppb |
| Iron | 57-2 | 100347.64 | 100683.69 | 98940.27 | 99990.53 | 0.93 | ppb |
| Iron | 54-2 | 102781.81 | 101457.67 | 101810.39 | 102016.63 | 0.67 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:39:12 | DataFile Name : | 018ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 24.13 | 24.30 | 23.99 | 24.14 | 0.65 | ppb |
| Lead | 207-1 | 22.86 | 22.94 | 22.53 | 22.78 | 0.94 | ppb |
| Lead | 208-1 | 23.34 | 23.39 | 23.15 | 23.29 | 0.54 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 94834.99 | 95564.98 | 94497.44 | 94965.80 | 0.57 | ppb |
| Manganese | 55-2 | 26.72 | 27.08 | 27.04 | 26.95 | 0.72 | ppb |
| Molybdenum | 94-1 | 1584.82 | 1595.49 | 1582.46 | 1587.59 | 0.44 | ppb |
| Molybdenum | 95-1 | 1954.72 | 1954.40 | 1927.10 | 1945.41 | 0.81 | ppb |
| Molybdenum | 96-1 | 1898.55 | 1892.79 | 1898.34 | 1896.56 | 0.17 | ppb |
| Molybdenum | 97-1 | 1947.37 | 1934.84 | 1937.45 | 1939.89 | 0.34 | ppb |
| Molybdenum | 98-1 | 1943.10 | 1932.54 | 1934.32 | 1936.65 | 0.29 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 24.61 | 24.75 | 24.29 | 24.55 | 0.96 | ppb |
| Phosphorus | 31-2 | 99915.90 | 99762.39 | 99556.03 | 99744.78 | 0.18 | ppb |
| Potassium | 39-2 | 96098.76 | 96238.50 | 95298.50 | 95878.58 | 0.53 | ppb |
| Rhodium | 103-1 | | | | 90 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 20.42 | 20.08 | 20.50 | 20.34 | 1.09 | ppb |
| Selenium | 77-2 | 14.65 | 23.61 | 18.36 | 18.87 | 23.85 | ppb |
| Selenium | 78-2 | 19.13 | 20.92 | 17.95 | 19.33 | 7.73 | ppb |
| Silicon | 28-1 | -7.25 | -7.05 | -5.84 | -6.71 | | ppb |
| Silver | 107-1 | 18.92 | 18.60 | 18.88 | 18.80 | 0.92 | ppb |
| Silver | 109-1 | 18.63 | 18.53 | 18.55 | 18.57 | 0.30 | ppb |
| Sodium | 23-2 | 97878.99 | 98324.58 | 97432.92 | 97878.83 | 0.46 | ppb |
| Strontium | 86-1 | 831.50 | 840.71 | 837.06 | 836.42 | 0.55 | ppb |
| Strontium | 88-1 | 835.15 | 837.72 | 836.26 | 836.38 | 0.15 | ppb |
| Sulfur | 34-1 | 107187.04 | 105929.83 | 105544.69 | 106220.52 | 0.81 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 19.31 | 19.72 | 19.33 | 19.45 | 1.19 | ppb |
| Thallium | 205-1 | 19.17 | 19.34 | 19.18 | 19.23 | 0.50 | ppb |
| Tin | 118-1 | 0.17 | 0.18 | 0.18 | 0.18 | 3.29 | ppb |
| Titanium | 47-1 | 2039.73 | 1980.69 | 1987.93 | 2002.78 | 1.61 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:39:12 | DataFile Name : | 018ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.01 | 0.01 | 0.01 | 0.01 | 7.72 | ppb |
| Vanadium | 51-2 | 19.01 | 19.22 | 19.45 | 19.23 | 1.16 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 30.45 | 30.72 | 30.41 | 30.52 | 0.55 | ppb |
| Zirconium | 90-1 | 0.01 | 0.00 | 0.01 | 0.01 | 57.38 | ppb |
| Zirconium | 91-1 | 0.00 | 0.01 | 0.00 | 0.00 | 129.67 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:42:15 | DataFile Name : | 019CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 52431.64 | 51597.61 | 51762.31 | 51930.52 | 0.85 | ppb |
| Antimony | 121-1 | 512.65 | 519.01 | 516.04 | 515.90 | 0.62 | ppb |
| Arsenic | 75-2 | 508.97 | 514.67 | 512.03 | 511.89 | 0.56 | ppb |
| Barium | 135-1 | 2598.49 | 2651.15 | 2624.13 | 2624.59 | 1.00 | ppb |
| Barium | 137-1 | 2593.75 | 2634.74 | 2612.16 | 2613.55 | 0.79 | ppb |
| Beryllium | 9-1 | 505.14 | 509.29 | 512.01 | 508.81 | 0.68 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 502.40 | 510.89 | 510.61 | 507.97 | 0.95 | ppb |
| Cadmium | 106-1 | 482.90 | 483.80 | 496.41 | 487.70 | 1.55 | ppb |
| Cadmium | 111-1 | 499.33 | 503.58 | 504.65 | 502.52 | 0.56 | ppb |
| Calcium | 43-1 | 259723.66 | 259459.23 | 261882.60 | 260355.17 | 0.51 | ppb |
| Calcium | 44-1 | 260663.84 | 263110.73 | 262718.07 | 262164.21 | 0.50 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 519.21 | 509.56 | 530.38 | 519.72 | 2.00 | ppb |
| Cobalt | 59-2 | 517.56 | 515.74 | 514.80 | 516.03 | 0.27 | ppb |
| Copper | 63-2 | 4997.30 | 4941.56 | 4988.15 | 4975.67 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 90 | | % |
| Indium | 115-2 | | | | 89 | | % |
| Iron | 56-2 | 134925.08 | 133506.26 | 133456.83 | 133962.72 | 0.62 | ppb |
| Iron | 57-2 | 133004.01 | 131566.75 | 131907.64 | 132159.47 | 0.57 | ppb |
| Iron | 54-2 | 133333.51 | 132088.84 | 133346.57 | 132922.97 | 0.54 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:42:15 | DataFile Name : | 019CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2628.15 | 2712.84 | 2640.56 | 2660.51 | 1.72 | ppb |
| Lead | 207-1 | 2631.35 | 2689.58 | 2630.44 | 2650.46 | 1.28 | ppb |
| Lead | 208-1 | 2644.36 | 2683.56 | 2639.78 | 2655.90 | 0.91 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 262443.67 | 260395.15 | 260403.62 | 261080.81 | 0.45 | ppb |
| Manganese | 55-2 | 5181.18 | 5099.00 | 5164.72 | 5148.30 | 0.84 | ppb |
| Molybdenum | 94-1 | 5219.26 | 5304.50 | 5299.22 | 5274.33 | 0.91 | ppb |
| Molybdenum | 95-1 | 5190.02 | 5299.23 | 5320.31 | 5269.85 | 1.33 | ppb |
| Molybdenum | 96-1 | 5214.46 | 5293.59 | 5333.44 | 5280.50 | 1.15 | ppb |
| Molybdenum | 97-1 | 5272.49 | 5357.63 | 5334.66 | 5321.59 | 0.83 | ppb |
| Molybdenum | 98-1 | 5249.53 | 5288.29 | 5321.78 | 5286.53 | 0.68 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 488.89 | 488.78 | 488.49 | 488.72 | 0.04 | ppb |
| Phosphorus | 31-2 | 10475.27 | 10471.32 | 10493.12 | 10479.90 | 0.11 | ppb |
| Potassium | 39-2 | 130462.86 | 129226.08 | 129967.48 | 129885.47 | 0.48 | ppb |
| Rhodium | 103-1 | | | | 85 | | % |
| Rhodium | 103-2 | | | | 85 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 497.75 | 504.31 | 499.11 | 500.39 | 0.69 | ppb |
| Selenium | 77-2 | 510.42 | 491.90 | 529.10 | 510.47 | 3.64 | ppb |
| Selenium | 78-2 | 500.06 | 508.15 | 498.34 | 502.18 | 1.04 | ppb |
| Silicon | 28-1 | 264.84 | 263.90 | 266.45 | 265.07 | 0.49 | ppb |
| Silver | 107-1 | 508.60 | 510.18 | 508.16 | 508.98 | 0.21 | ppb |
| Silver | 109-1 | 504.06 | 506.01 | 510.09 | 506.72 | 0.61 | ppb |
| Sodium | 23-2 | 263358.60 | 262492.16 | 262873.58 | 262908.12 | 0.17 | ppb |
| Strontium | 86-1 | 13144.63 | 13515.90 | 13502.89 | 13387.80 | 1.57 | ppb |
| Strontium | 88-1 | 13173.72 | 13344.60 | 13212.26 | 13243.52 | 0.68 | ppb |
| Sulfur | 34-1 | 10234.16 | 10213.41 | 10193.28 | 10213.61 | 0.20 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 530.26 | 541.19 | 528.31 | 533.25 | 1.30 | ppb |
| Thallium | 205-1 | 529.28 | 538.69 | 523.83 | 530.60 | 1.42 | ppb |
| Tin | 118-1 | 525.83 | 528.05 | 522.97 | 525.61 | 0.48 | ppb |
| Titanium | 47-1 | 5250.75 | 5258.82 | 5309.47 | 5273.02 | 0.60 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:42:15 | DataFile Name : | 019CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 538.23 | 550.20 | 542.06 | 543.50 | 1.12 | ppb |
| Vanadium | 51-2 | 529.07 | 524.56 | 531.24 | 528.29 | 0.64 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 91 | | % |
| Zinc | 66-2 | 4918.41 | 4865.70 | 4911.59 | 4898.57 | 0.59 | ppb |
| Zirconium | 90-1 | 521.25 | 533.04 | 535.37 | 529.88 | 1.43 | ppb |
| Zirconium | 91-1 | 520.23 | 541.08 | 538.10 | 533.14 | 2.12 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:44:55 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 55.01 | 7.30 | 7.66 | 23.32 | 117.65 | ppb |
| Antimony | 121-1 | 0.21 | 0.19 | 0.15 | 0.18 | 15.21 | ppb |
| Arsenic | 75-2 | 0.03 | 0.01 | 0.04 | 0.03 | 58.43 | ppb |
| Barium | 135-1 | 0.25 | 0.23 | 0.20 | 0.23 | 9.30 | ppb |
| Barium | 137-1 | 0.26 | 0.22 | 0.22 | 0.23 | 10.08 | ppb |
| Beryllium | 9-1 | 0.04 | 0.06 | 0.03 | 0.04 | 31.55 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.38 | -0.19 | -0.06 | -0.21 | | ppb |
| Cadmium | 106-1 | -39.24 | -36.60 | -35.69 | -37.17 | | ppb |
| Cadmium | 111-1 | 0.07 | 0.06 | 0.04 | 0.06 | 24.34 | ppb |
| Calcium | 43-1 | 31.80 | 35.15 | 24.77 | 30.57 | 17.34 | ppb |
| Calcium | 44-1 | 35.73 | 34.00 | 28.72 | 32.82 | 11.13 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.07 | 0.05 | 0.05 | 0.06 | 21.85 | ppb |
| Cobalt | 59-2 | 0.06 | 0.03 | 0.03 | 0.04 | 42.56 | ppb |
| Copper | 63-2 | 0.77 | 0.59 | 0.61 | 0.66 | 15.02 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 32.87 | 13.78 | 12.94 | 19.86 | 56.73 | ppb |
| Iron | 57-2 | 27.86 | 11.46 | 9.96 | 16.42 | 60.48 | ppb |
| Iron | 54-2 | 41.69 | 14.28 | 12.94 | 22.97 | 70.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:44:55 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.31 | 0.31 | 0.26 | 0.29 | 8.99 | ppb |
| Lead | 207-1 | 0.32 | 0.26 | 0.24 | 0.27 | 14.02 | ppb |
| Lead | 208-1 | 0.31 | 0.29 | 0.25 | 0.29 | 10.35 | ppb |
| Lithium | 6-1 | | | | 108 | | % |
| Magnesium | 24-2 | 141.19 | 19.48 | 18.96 | 59.88 | 117.61 | ppb |
| Manganese | 55-2 | 0.86 | 0.38 | 0.32 | 0.52 | 57.31 | ppb |
| Molybdenum | 94-1 | 0.69 | 0.65 | 0.61 | 0.65 | 6.27 | ppb |
| Molybdenum | 95-1 | 0.74 | 0.67 | 0.57 | 0.66 | 12.84 | ppb |
| Molybdenum | 96-1 | 0.75 | 0.63 | 0.59 | 0.65 | 12.59 | ppb |
| Molybdenum | 97-1 | 0.73 | 0.68 | 0.58 | 0.66 | 10.92 | ppb |
| Molybdenum | 98-1 | 0.73 | 0.69 | 0.57 | 0.66 | 12.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.04 | 0.04 | 0.06 | 0.05 | 27.56 | ppb |
| Phosphorus | 31-2 | 37.04 | -9.81 | -7.66 | 6.52 | 405.51 | ppb |
| Potassium | 39-2 | 88.75 | 18.87 | 14.68 | 40.76 | 102.07 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | -0.10 | -0.12 | -0.03 | -0.09 | | ppb |
| Selenium | 77-2 | 0.53 | 0.00 | 0.18 | 0.24 | 114.37 | ppb |
| Selenium | 78-2 | -0.36 | -0.89 | -0.59 | -0.61 | | ppb |
| Silicon | 28-1 | -25.07 | -24.83 | -25.47 | -25.12 | | ppb |
| Silver | 107-1 | 0.12 | 0.11 | 0.09 | 0.11 | 15.58 | ppb |
| Silver | 109-1 | 0.12 | 0.10 | 0.08 | 0.10 | 18.17 | ppb |
| Sodium | 23-2 | 204.06 | 76.98 | 72.16 | 117.73 | 63.54 | ppb |
| Strontium | 86-1 | 0.74 | 1.05 | 0.36 | 0.72 | 48.34 | ppb |
| Strontium | 88-1 | 1.39 | 1.26 | 1.05 | 1.23 | 13.92 | ppb |
| Sulfur | 34-1 | -547.10 | -530.38 | -589.82 | -555.76 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.14 | 0.13 | 0.13 | 0.13 | 5.29 | ppb |
| Thallium | 205-1 | 0.14 | 0.13 | 0.12 | 0.13 | 5.23 | ppb |
| Tin | 118-1 | 0.06 | 0.06 | 0.05 | 0.06 | 10.76 | ppb |
| Titanium | 47-1 | 0.70 | 0.67 | 0.58 | 0.65 | 9.42 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:44:55 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.05 | 0.04 | 0.03 | 0.04 | 16.79 | ppb |
| Vanadium | 51-2 | 0.11 | 0.03 | 0.02 | 0.06 | 89.83 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 0.87 | 0.92 | 0.72 | 0.83 | 12.68 | ppb |
| Zirconium | 90-1 | 0.07 | 0.05 | 0.05 | 0.06 | 23.76 | ppb |
| Zirconium | 91-1 | 0.07 | 0.05 | 0.05 | 0.06 | 18.47 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:48:34 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18357.34 | 18164.16 | 18242.58 | 18254.69 | 0.53 | ppb |
| Antimony | 121-1 | 0.23 | 0.23 | 0.23 | 0.23 | 0.46 | ppb |
| Arsenic | 75-2 | 9.37 | 9.57 | 9.59 | 9.51 | 1.29 | ppb |
| Barium | 135-1 | 171.54 | 172.04 | 172.52 | 172.03 | 0.29 | ppb |
| Barium | 137-1 | 170.92 | 172.52 | 171.46 | 171.63 | 0.48 | ppb |
| Beryllium | 9-1 | 0.87 | 0.84 | 0.74 | 0.82 | 8.54 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.61 | 1.68 | 1.64 | 1.64 | 2.05 | ppb |
| Cadmium | 106-1 | -12.97 | -8.24 | -9.04 | -10.08 | | ppb |
| Cadmium | 111-1 | 0.27 | 0.29 | 0.33 | 0.30 | 9.63 | ppb |
| Calcium | 43-1 | 11691.58 | 11743.64 | 11846.46 | 11760.56 | 0.67 | ppb |
| Calcium | 44-1 | 11569.99 | 11483.55 | 11456.58 | 11503.37 | 0.52 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 22.63 | 22.63 | 22.71 | 22.66 | 0.21 | ppb |
| Cobalt | 59-2 | 28.92 | 29.06 | 29.00 | 28.99 | 0.24 | ppb |
| Copper | 63-2 | 66.73 | 66.22 | 66.53 | 66.49 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 109 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 60709.53 | 60793.44 | 60921.10 | 60808.03 | 0.18 | ppb |
| Iron | 57-2 | 58758.67 | 59407.62 | 59196.34 | 59120.88 | 0.56 | ppb |
| Iron | 54-2 | 60544.50 | 60193.01 | 60586.31 | 60441.27 | 0.36 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:48:34 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 43.05 | 43.50 | 43.67 | 43.41 | 0.73 | ppb |
| Lead | 207-1 | 41.48 | 41.94 | 41.97 | 41.80 | 0.66 | ppb |
| Lead | 208-1 | 42.41 | 42.54 | 43.05 | 42.67 | 0.80 | ppb |
| Lithium | 6-1 | | | | 110 | | % |
| Magnesium | 24-2 | 15820.24 | 15949.29 | 15890.79 | 15886.77 | 0.41 | ppb |
| Manganese | 55-2 | 1014.21 | 1011.50 | 1026.44 | 1017.38 | 0.78 | ppb |
| Molybdenum | 94-1 | 20.56 | 20.22 | 20.20 | 20.33 | 0.99 | ppb |
| Molybdenum | 95-1 | 0.79 | 0.75 | 0.74 | 0.76 | 3.86 | ppb |
| Molybdenum | 96-1 | 3.33 | 3.25 | 3.23 | 3.27 | 1.64 | ppb |
| Molybdenum | 97-1 | 0.79 | 0.71 | 0.73 | 0.74 | 5.35 | ppb |
| Molybdenum | 98-1 | 0.79 | 0.72 | 0.72 | 0.74 | 5.20 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 47.54 | 47.95 | 47.96 | 47.82 | 0.49 | ppb |
| Phosphorus | 31-2 | 2046.35 | 2004.46 | 2072.03 | 2040.95 | 1.67 | ppb |
| Potassium | 39-2 | 1024.44 | 1033.91 | 1026.06 | 1028.14 | 0.49 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 0.42 | 0.91 | 0.57 | 0.63 | 39.88 | ppb |
| Selenium | 77-2 | 12.06 | 12.30 | 10.87 | 11.74 | 6.50 | ppb |
| Selenium | 78-2 | 2.30 | 1.85 | 2.15 | 2.10 | 11.05 | ppb |
| Silicon | 28-1 | 1272.93 | 1281.27 | 1289.32 | 1281.17 | 0.64 | ppb |
| Silver | 107-1 | 0.23 | 0.18 | 0.18 | 0.20 | 14.58 | ppb |
| Silver | 109-1 | 0.19 | 0.15 | 0.14 | 0.16 | 17.92 | ppb |
| Sodium | 23-2 | 1054.76 | 1060.00 | 1051.50 | 1055.42 | 0.41 | ppb |
| Strontium | 86-1 | 1898.05 | 1863.36 | 1874.68 | 1878.70 | 0.94 | ppb |
| Strontium | 88-1 | 1957.39 | 1922.05 | 1925.95 | 1935.13 | 1.00 | ppb |
| Sulfur | 34-1 | -915.43 | -872.81 | -927.83 | -905.36 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.34 | 0.35 | 0.32 | 0.34 | 4.90 | ppb |
| Thallium | 205-1 | 0.33 | 0.31 | 0.32 | 0.32 | 2.51 | ppb |
| Tin | 118-1 | 2.14 | 2.07 | 2.09 | 2.10 | 1.72 | ppb |
| Titanium | 47-1 | 2546.06 | 2582.18 | 2574.77 | 2567.67 | 0.74 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:48:34 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.24 | 1.23 | 1.24 | 1.23 | 0.52 | ppb |
| Vanadium | 51-2 | 123.24 | 123.87 | 123.31 | 123.47 | 0.28 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 112 | | % |
| Zinc | 66-2 | 131.03 | 130.83 | 129.48 | 130.45 | 0.65 | ppb |
| Zirconium | 90-1 | 10.98 | 10.94 | 10.91 | 10.94 | 0.32 | ppb |
| Zirconium | 91-1 | 10.91 | 10.84 | 10.91 | 10.89 | 0.35 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:51:41 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19086.35 | 19325.96 | 19247.60 | 19219.97 | 0.64 | ppb |
| Antimony | 121-1 | 0.19 | 0.21 | 0.20 | 0.20 | 4.04 | ppb |
| Arsenic | 75-2 | 9.22 | 9.34 | 9.29 | 9.28 | 0.63 | ppb |
| Barium | 135-1 | 176.29 | 177.89 | 179.66 | 177.95 | 0.95 | ppb |
| Barium | 137-1 | 175.73 | 177.93 | 179.09 | 177.58 | 0.96 | ppb |
| Beryllium | 9-1 | 0.78 | 0.79 | 0.77 | 0.78 | 0.99 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.65 | 1.39 | 1.45 | 1.49 | 9.28 | ppb |
| Cadmium | 106-1 | -12.85 | -14.38 | -13.78 | -13.67 | | ppb |
| Cadmium | 111-1 | 0.30 | 0.33 | 0.35 | 0.33 | 7.13 | ppb |
| Calcium | 43-1 | 12012.97 | 12212.11 | 12169.94 | 12131.67 | 0.87 | ppb |
| Calcium | 44-1 | 11807.50 | 12048.02 | 11986.36 | 11947.30 | 1.05 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 23.28 | 23.04 | 22.72 | 23.01 | 1.23 | ppb |
| Cobalt | 59-2 | 29.62 | 29.19 | 29.44 | 29.42 | 0.75 | ppb |
| Copper | 63-2 | 66.89 | 66.79 | 66.44 | 66.70 | 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 | | | | 109 | | % |
| Holmium | 165-2 | | | | 110 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 61725.66 | 62002.67 | 61699.63 | 61809.32 | 0.27 | ppb |
| Iron | 57-2 | 60403.17 | 60308.41 | 60333.42 | 60348.33 | 0.08 | ppb |
| Iron | 54-2 | 61810.39 | 61794.41 | 61830.85 | 61811.88 | 0.03 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:51:41 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 43.88 | 43.32 | 43.61 | 43.60 | 0.65 | ppb |
| Lead | 207-1 | 41.59 | 41.94 | 41.61 | 41.71 | 0.47 | ppb |
| Lead | 208-1 | 42.78 | 42.64 | 42.54 | 42.66 | 0.28 | ppb |
| Lithium | 6-1 | | | | 109 | | % |
| Magnesium | 24-2 | 16325.23 | 16281.85 | 16274.43 | 16293.84 | 0.17 | ppb |
| Manganese | 55-2 | 1024.23 | 1019.89 | 1018.58 | 1020.90 | 0.29 | ppb |
| Molybdenum | 94-1 | 18.59 | 18.46 | 18.23 | 18.43 | 1.01 | ppb |
| Molybdenum | 95-1 | 0.63 | 0.58 | 0.56 | 0.59 | 5.53 | ppb |
| Molybdenum | 96-1 | 3.01 | 2.94 | 2.85 | 2.93 | 2.61 | ppb |
| Molybdenum | 97-1 | 0.58 | 0.58 | 0.58 | 0.58 | 0.56 | ppb |
| Molybdenum | 98-1 | 0.57 | 0.54 | 0.54 | 0.55 | 3.29 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 48.72 | 48.72 | 48.79 | 48.75 | 0.08 | ppb |
| Phosphorus | 31-2 | 2030.05 | 2059.28 | 2045.62 | 2044.98 | 0.72 | ppb |
| Potassium | 39-2 | 1032.15 | 1019.05 | 1025.03 | 1025.41 | 0.64 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 0.81 | 0.83 | 0.25 | 0.63 | 51.90 | ppb |
| Selenium | 77-2 | 9.77 | 12.28 | 10.76 | 10.94 | 11.59 | ppb |
| Selenium | 78-2 | 1.92 | 1.51 | 1.39 | 1.61 | 17.15 | ppb |
| Silicon | 28-1 | 1396.89 | 1425.36 | 1425.11 | 1415.79 | 1.16 | ppb |
| Silver | 107-1 | 0.14 | 0.14 | 0.13 | 0.14 | 5.67 | ppb |
| Silver | 109-1 | 0.11 | 0.10 | 0.10 | 0.10 | 4.60 | ppb |
| Sodium | 23-2 | 1122.98 | 1113.13 | 1119.19 | 1118.43 | 0.44 | ppb |
| Strontium | 86-1 | 1985.52 | 1954.15 | 1947.93 | 1962.53 | 1.03 | ppb |
| Strontium | 88-1 | 2040.87 | 2038.77 | 1987.03 | 2022.22 | 1.51 | ppb |
| Sulfur | 34-1 | -1241.22 | -1191.52 | -1222.07 | -1218.27 | | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.27 | 0.30 | 0.31 | 0.29 | 7.39 | ppb |
| Thallium | 205-1 | 0.27 | 0.29 | 0.29 | 0.28 | 4.81 | ppb |
| Tin | 118-1 | 2.12 | 2.14 | 2.12 | 2.12 | 0.50 | ppb |
| Titanium | 47-1 | 2629.78 | 2699.83 | 2712.19 | 2680.60 | 1.66 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:51:41 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.24 | 1.23 | 1.22 | 1.23 | 0.95 | ppb |
| Vanadium | 51-2 | 126.02 | 125.55 | 125.33 | 125.63 | 0.28 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 113 | | % |
| Zinc | 66-2 | 131.41 | 130.94 | 131.89 | 131.41 | 0.36 | ppb |
| Zirconium | 90-1 | 10.28 | 10.15 | 10.07 | 10.17 | 1.05 | ppb |
| Zirconium | 91-1 | 10.28 | 10.08 | 10.08 | 10.15 | 1.15 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-01-03 20:54:50 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3567.86 | 3581.81 | 3524.27 | 3557.98 | 0.84 | ppb |
| Antimony | 121-1 | 0.07 | 0.08 | 0.06 | 0.07 | 12.44 | ppb |
| Arsenic | 75-2 | 2.11 | 1.89 | 2.06 | 2.02 | 5.86 | ppb |
| Barium | 135-1 | 32.67 | 34.80 | 35.02 | 34.17 | 3.81 | ppb |
| Barium | 137-1 | 33.12 | 34.77 | 34.90 | 34.26 | 2.89 | ppb |
| Beryllium | 9-1 | 0.12 | 0.15 | 0.14 | 0.13 | 12.73 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.23 | 0.34 | 0.24 | 0.27 | 22.91 | ppb |
| Cadmium | 106-1 | -28.91 | -28.46 | -22.05 | -26.47 | | ppb |
| Cadmium | 111-1 | 0.06 | 0.07 | 0.06 | 0.07 | 5.41 | ppb |
| Calcium | 43-1 | 2266.51 | 2432.46 | 2475.53 | 2391.50 | 4.61 | ppb |
| Calcium | 44-1 | 2284.97 | 2439.47 | 2472.37 | 2398.94 | 4.17 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4.69 | 4.78 | 4.76 | 4.75 | 1.04 | ppb |
| Cobalt | 59-2 | 6.06 | 6.05 | 5.94 | 6.02 | 1.08 | ppb |
| Copper | 63-2 | 14.48 | 14.49 | 13.98 | 14.32 | 2.03 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 12435.91 | 12351.19 | 12287.40 | 12358.17 | 0.60 | ppb |
| Iron | 57-2 | 12305.40 | 12251.16 | 12154.86 | 12237.14 | 0.62 | ppb |
| Iron | 54-2 | 12458.40 | 12584.18 | 12318.12 | 12453.57 | 1.07 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-01-03 20:54:50 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8.44 | 8.92 | 8.71 | 8.69 | 2.76 | ppb |
| Lead | 207-1 | 7.90 | 8.46 | 8.47 | 8.28 | 3.89 | ppb |
| Lead | 208-1 | 8.18 | 8.73 | 8.58 | 8.50 | 3.34 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 3315.83 | 3289.43 | 3230.53 | 3278.59 | 1.33 | ppb |
| Manganese | 55-2 | 205.77 | 207.16 | 203.44 | 205.46 | 0.92 | ppb |
| Molybdenum | 94-1 | 3.92 | 4.16 | 4.16 | 4.08 | 3.42 | ppb |
| Molybdenum | 95-1 | 0.12 | 0.12 | 0.13 | 0.13 | 4.24 | ppb |
| Molybdenum | 96-1 | 0.60 | 0.65 | 0.66 | 0.64 | 4.61 | ppb |
| Molybdenum | 97-1 | 0.12 | 0.15 | 0.12 | 0.13 | 9.97 | ppb |
| Molybdenum | 98-1 | 0.10 | 0.12 | 0.12 | 0.11 | 11.96 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 9.87 | 10.02 | 9.78 | 9.89 | 1.26 | ppb |
| Phosphorus | 31-2 | 399.22 | 404.15 | 403.61 | 402.32 | 0.67 | ppb |
| Potassium | 39-2 | 210.19 | 215.12 | 213.45 | 212.92 | 1.18 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | -0.04 | -0.02 | 0.31 | 0.08 | 236.83 | ppb |
| Selenium | 77-2 | 2.62 | 2.50 | 2.97 | 2.70 | 8.96 | ppb |
| Selenium | 78-2 | -0.18 | 1.23 | -0.24 | 0.27 | 307.84 | ppb |
| Silicon | 28-1 | 239.48 | 256.55 | 260.22 | 252.08 | 4.39 | ppb |
| Silver | 107-1 | 0.02 | 0.03 | 0.03 | 0.03 | 13.97 | ppb |
| Silver | 109-1 | 0.03 | 0.03 | 0.02 | 0.03 | 14.57 | ppb |
| Sodium | 23-2 | 241.20 | 240.38 | 237.82 | 239.80 | 0.74 | ppb |
| Strontium | 86-1 | 375.47 | 395.50 | 394.70 | 388.56 | 2.92 | ppb |
| Strontium | 88-1 | 377.75 | 392.17 | 396.74 | 388.89 | 2.55 | ppb |
| Sulfur | 34-1 | -1424.20 | -1297.59 | -1279.01 | -1333.60 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.97 | ppb |
| Thallium | 205-1 | 0.10 | 0.10 | 0.09 | 0.09 | 4.57 | ppb |
| Tin | 118-1 | 0.66 | 0.68 | 0.64 | 0.66 | 3.11 | ppb |
| Titanium | 47-1 | 480.47 | 509.45 | 516.40 | 502.11 | 3.80 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-01-03 20:54:50 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.23 | 0.24 | 0.24 | 0.23 | 1.84 | ppb |
| Vanadium | 51-2 | 25.59 | 24.98 | 25.14 | 25.24 | 1.25 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 27.61 | 27.40 | 27.24 | 27.42 | 0.68 | ppb |
| Zirconium | 90-1 | 2.15 | 2.31 | 2.29 | 2.25 | 3.95 | ppb |
| Zirconium | 91-1 | 2.12 | 2.35 | 2.29 | 2.25 | 5.13 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:58:02 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19691.18 | 19754.22 | 19491.17 | 19645.52 | 0.70 | ppb |
| Antimony | 121-1 | 20.67 | 21.64 | 21.81 | 21.38 | 2.87 | ppb |
| Arsenic | 75-2 | 17.10 | 17.76 | 17.98 | 17.62 | 2.60 | ppb |
| Barium | 135-1 | 587.30 | 615.97 | 615.05 | 606.11 | 2.69 | ppb |
| Barium | 137-1 | 592.34 | 610.15 | 621.35 | 607.94 | 2.41 | ppb |
| Beryllium | 9-1 | 10.98 | 11.35 | 11.01 | 11.11 | 1.88 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 11.41 | 11.13 | 12.78 | 11.77 | 7.50 | ppb |
| Cadmium | 106-1 | -5.67 | -7.67 | -9.42 | -7.59 | | ppb |
| Cadmium | 111-1 | 10.87 | 11.57 | 11.53 | 11.32 | 3.43 | ppb |
| Calcium | 43-1 | 11590.74 | 12283.54 | 12424.44 | 12099.57 | 3.69 | ppb |
| Calcium | 44-1 | 11402.20 | 11841.27 | 11988.33 | 11743.93 | 2.60 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 64.39 | 64.19 | 63.93 | 64.17 | 0.36 | ppb |
| Cobalt | 59-2 | 132.99 | 133.30 | 132.42 | 132.90 | 0.34 | ppb |
| Copper | 63-2 | 115.29 | 115.64 | 114.68 | 115.20 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 109 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 62245.16 | 62256.86 | 61840.97 | 62114.33 | 0.38 | ppb |
| Iron | 57-2 | 60805.25 | 60840.24 | 60043.18 | 60562.89 | 0.74 | ppb |
| Iron | 54-2 | 62071.50 | 61820.12 | 61455.18 | 61782.27 | 0.50 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:58:02 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 45.15 | 47.38 | 47.08 | 46.54 | 2.60 | ppb |
| Lead | 207-1 | 43.70 | 45.37 | 45.65 | 44.90 | 2.35 | ppb |
| Lead | 208-1 | 44.33 | 46.21 | 46.53 | 45.69 | 2.60 | ppb |
| Lithium | 6-1 | | | | 109 | | % |
| Magnesium | 24-2 | 16369.67 | 16123.97 | 16073.68 | 16189.11 | 0.98 | ppb |
| Manganese | 55-2 | 1126.10 | 1116.97 | 1115.73 | 1119.60 | 0.51 | ppb |
| Molybdenum | 94-1 | 166.02 | 173.66 | 174.99 | 171.55 | 2.82 | ppb |
| Molybdenum | 95-1 | 180.28 | 189.70 | 190.69 | 186.89 | 3.08 | ppb |
| Molybdenum | 96-1 | 178.27 | 189.53 | 188.54 | 185.45 | 3.36 | ppb |
| Molybdenum | 97-1 | 181.28 | 190.15 | 190.49 | 187.31 | 2.79 | ppb |
| Molybdenum | 98-1 | 185.20 | 196.60 | 194.81 | 192.21 | 3.19 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 154.67 | 153.30 | 150.78 | 152.92 | 1.29 | ppb |
| Phosphorus | 31-2 | 2027.71 | 2120.91 | 2018.37 | 2055.66 | 2.76 | ppb |
| Potassium | 39-2 | 1017.07 | 1050.47 | 1014.52 | 1027.35 | 1.95 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 20.10 | 21.93 | 21.93 | 21.32 | 4.96 | ppb |
| Selenium | 77-2 | 31.28 | 34.67 | 29.94 | 31.96 | 7.63 | ppb |
| Selenium | 78-2 | 22.06 | 21.18 | 24.48 | 22.57 | 7.59 | ppb |
| Silicon | 28-1 | 1349.48 | 1444.89 | 1454.78 | 1416.38 | 4.11 | ppb |
| Silver | 107-1 | 10.69 | 11.06 | 11.16 | 10.97 | 2.24 | ppb |
| Silver | 109-1 | 10.54 | 10.96 | 11.01 | 10.84 | 2.39 | ppb |
| Sodium | 23-2 | 1094.79 | 1131.11 | 1099.25 | 1108.38 | 1.79 | ppb |
| Strontium | 86-1 | 1868.21 | 1978.59 | 1981.48 | 1942.76 | 3.32 | ppb |
| Strontium | 88-1 | 1946.31 | 2030.76 | 2021.68 | 1999.59 | 2.32 | ppb |
| Sulfur | 34-1 | -1469.77 | -1304.87 | -1293.80 | -1356.14 | | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 9.78 | 10.18 | 10.30 | 10.09 | 2.73 | ppb |
| Thallium | 205-1 | 9.61 | 10.04 | 10.09 | 9.91 | 2.63 | ppb |
| Tin | 118-1 | 2.04 | 2.07 | 2.03 | 2.05 | 0.82 | ppb |
| Titanium | 47-1 | 2571.33 | 2705.75 | 2721.26 | 2666.11 | 3.09 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:58:02 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.18 | 1.23 | 1.22 | 1.21 | 1.92 | ppb |
| Vanadium | 51-2 | 226.52 | 226.60 | 225.45 | 226.19 | 0.28 | ppb |
| Yttrium | 89-1 | | | | 115 | | % |
| Yttrium | 89-2 | | | | 112 | | % |
| Zinc | 66-2 | 235.78 | 236.79 | 233.19 | 235.25 | 0.79 | ppb |
| Zirconium | 90-1 | 9.62 | 10.19 | 10.06 | 9.96 | 2.98 | ppb |
| Zirconium | 91-1 | 9.50 | 10.22 | 9.96 | 9.89 | 3.69 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D26 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:01:09 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10951.22 | 11040.92 | 11098.51 | 11030.22 | 0.67 | ppb |
| Antimony | 121-1 | 6.34 | 6.38 | 6.41 | 6.38 | 0.53 | ppb |
| Arsenic | 75-2 | 39.47 | 40.49 | 40.65 | 40.21 | 1.60 | ppb |
| Barium | 135-1 | 62.72 | 63.88 | 62.48 | 63.03 | 1.18 | ppb |
| Barium | 137-1 | 61.75 | 63.29 | 62.48 | 62.50 | 1.23 | ppb |
| Beryllium | 9-1 | 1.17 | 1.17 | 1.28 | 1.21 | 5.30 | ppb |
| Bismuth | 209-1 | | | | 119 | | % |
| Bismuth | 209-2 | | | | 112 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 22.96 | 21.98 | 22.15 | 22.37 | 2.34 | ppb |
| Cadmium | 106-1 | 2.11 | -2.32 | -5.24 | -1.82 | | ppb |
| Cadmium | 111-1 | 22.27 | 22.92 | 22.68 | 22.62 | 1.46 | ppb |
| Calcium | 43-1 | 3648.70 | 3803.50 | 3709.01 | 3720.40 | 2.10 | ppb |
| Calcium | 44-1 | 3595.22 | 3747.53 | 3649.17 | 3663.97 | 2.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 7.82 | 7.76 | 7.76 | 7.78 | 0.45 | ppb |
| Cobalt | 59-2 | 22.22 | 21.78 | 21.80 | 21.93 | 1.13 | ppb |
| Copper | 63-2 | 1469.02 | 1435.57 | 1461.97 | 1455.52 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 109 | | % |
| Indium | 115-1 | | | | 108 | | % |
| Indium | 115-2 | | | | 106 | | % |
| Iron | 56-2 | 44651.52 | 44480.44 | 44949.29 | 44693.75 | 0.53 | ppb |
| Iron | 57-2 | 43801.22 | 42892.04 | 43782.75 | 43492.00 | 1.19 | ppb |
| Iron | 54-2 | 45152.54 | 44490.88 | 44842.02 | 44828.48 | 0.74 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D26 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:01:09 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5788.76 | 5903.88 | 5900.85 | 5864.50 | 1.12 | ppb |
| Lead | 207-1 | 5475.93 | 5650.04 | 5641.44 | 5589.14 | 1.76 | ppb |
| Lead | 208-1 | 5616.83 | 5738.46 | 5717.17 | 5690.82 | 1.14 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 6098.01 | 5914.83 | 6073.62 | 6028.82 | 1.65 | ppb |
| Manganese | 55-2 | 30278.91 | 30225.60 | 30398.48 | 30301.00 | 0.29 | ppb |
| Molybdenum | 94-1 | 167.83 | 171.57 | 172.34 | 170.58 | 1.41 | ppb |
| Molybdenum | 95-1 | 203.30 | 210.21 | 206.96 | 206.82 | 1.67 | ppb |
| Molybdenum | 96-1 | 204.57 | 214.42 | 208.55 | 209.18 | 2.37 | ppb |
| Molybdenum | 97-1 | 204.60 | 212.21 | 209.92 | 208.91 | 1.87 | ppb |
| Molybdenum | 98-1 | 211.30 | 216.91 | 213.36 | 213.86 | 1.33 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.23 | 8.03 | 8.05 | 8.10 | 1.30 | ppb |
| Phosphorus | 31-2 | 1590.72 | 1535.07 | 1600.94 | 1575.58 | 2.25 | ppb |
| Potassium | 39-2 | 1105.42 | 1090.06 | 1107.40 | 1100.96 | 0.86 | ppb |
| Rhodium | 103-1 | | | | 107 | | % |
| Rhodium | 103-2 | | | | 107 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 1.79 | 2.61 | 1.64 | 2.01 | 25.88 | ppb |
| Selenium | 77-2 | 9.16 | 9.07 | 8.00 | 8.74 | 7.41 | ppb |
| Selenium | 78-2 | 4.14 | 2.49 | 4.46 | 3.70 | 28.55 | ppb |
| Silicon | 28-1 | 494.10 | 521.50 | 520.27 | 511.96 | 3.02 | ppb |
| Silver | 107-1 | 37.98 | 38.60 | 38.32 | 38.30 | 0.82 | ppb |
| Silver | 109-1 | 37.62 | 38.01 | 37.52 | 37.72 | 0.69 | ppb |
| Sodium | 23-2 | 87.23 | 85.74 | 85.24 | 86.07 | 1.20 | ppb |
| Strontium | 86-1 | 630.25 | 661.00 | 644.56 | 645.27 | 2.38 | ppb |
| Strontium | 88-1 | 631.48 | 656.54 | 647.14 | 645.05 | 1.96 | ppb |
| Sulfur | 34-1 | 136.40 | 340.60 | 340.57 | 272.52 | 43.26 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.59 | 0.60 | 0.61 | 0.60 | 1.78 | ppb |
| Thallium | 205-1 | 0.57 | 0.60 | 0.61 | 0.59 | 3.72 | ppb |
| Tin | 118-1 | 0.89 | 0.83 | 0.85 | 0.86 | 3.46 | ppb |
| Titanium | 47-1 | 18.67 | 18.29 | 18.71 | 18.56 | 1.23 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D26 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:01:09 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.48 | 1.52 | 1.51 | 1.50 | 1.30 | ppb |
| Vanadium | 51-2 | 25.14 | 25.11 | 25.20 | 25.15 | 0.20 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 110 | | % |
| Zinc | 66-2 | 7999.45 | 7932.80 | 8047.58 | 7993.28 | 0.72 | ppb |
| Zirconium | 90-1 | 0.32 | 0.33 | 0.34 | 0.33 | 3.08 | ppb |
| Zirconium | 91-1 | 0.34 | 0.35 | 0.35 | 0.35 | 0.86 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D29 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:04:11 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3584.33 | 3583.94 | 3553.57 | 3573.95 | 0.49 | ppb |
| Antimony | 121-1 | 82.64 | 84.70 | 84.24 | 83.86 | 1.29 | ppb |
| Arsenic | 75-2 | 286.97 | 285.98 | 280.56 | 284.50 | 1.21 | ppb |
| Barium | 135-1 | 39.61 | 40.75 | 40.42 | 40.26 | 1.46 | ppb |
| Barium | 137-1 | 39.49 | 40.41 | 40.48 | 40.12 | 1.38 | ppb |
| Beryllium | 9-1 | 0.97 | 0.90 | 0.90 | 0.92 | 4.18 | ppb |
| Bismuth | 209-1 | | | | 140 | | % |
| Bismuth | 209-2 | | | | 135 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 57.79 | 58.34 | 59.43 | 58.52 | 1.43 | ppb |
| Cadmium | 106-1 | 38.24 | 37.22 | 38.88 | 38.11 | 2.20 | ppb |
| Cadmium | 111-1 | 61.00 | 63.20 | 63.19 | 62.46 | 2.02 | ppb |
| Calcium | 43-1 | 14556.15 | 14558.04 | 14372.57 | 14495.59 | 0.73 | ppb |
| Calcium | 44-1 | 14295.34 | 14496.22 | 14379.02 | 14390.19 | 0.70 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5.13 | 5.02 | 5.01 | 5.05 | 1.32 | ppb |
| Cobalt | 59-2 | 7.41 | 7.51 | 7.35 | 7.42 | 1.12 | ppb |
| Copper | 63-2 | 1616.46 | 1603.30 | 1582.77 | 1600.84 | 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 | | | | 110 | | % |
| Holmium | 165-2 | | | | 109 | | % |
| Indium | 115-1 | | | | 115 | | % |
| Indium | 115-2 | | | | 114 | | % |
| Iron | 56-2 | 131421.47 | 131339.19 | 129563.03 | 130774.56 | 0.80 | ppb |
| Iron | 57-2 | 126560.47 | 126753.02 | 125379.54 | 126231.01 | 0.59 | ppb |
| Iron | 54-2 | 130078.27 | 129367.36 | 130340.69 | 129928.77 | 0.39 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D29 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:04:11 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 27841.36 | 28800.97 | 29047.70 | 28563.34 | 2.23 | ppb |
| Lead | 207-1 | 27806.96 | 28781.33 | 28502.57 | 28363.62 | 1.77 | ppb |
| Lead | 208-1 | 27900.62 | 28883.98 | 29059.61 | 28614.74 | 2.18 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 1260.69 | 1260.03 | 1260.21 | 1260.31 | 0.03 | ppb |
| Manganese | 55-2 | 35763.84 | 35929.79 | 36326.05 | 36006.56 | 0.80 | ppb |
| Molybdenum | 94-1 | 51.47 | 51.99 | 52.59 | 52.02 | 1.08 | ppb |
| Molybdenum | 95-1 | 61.44 | 62.32 | 62.84 | 62.20 | 1.14 | ppb |
| Molybdenum | 96-1 | 61.08 | 62.15 | 61.88 | 61.70 | 0.90 | ppb |
| Molybdenum | 97-1 | 61.26 | 61.61 | 62.72 | 61.86 | 1.24 | ppb |
| Molybdenum | 98-1 | 60.39 | 61.67 | 62.35 | 61.47 | 1.61 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 4.86 | 4.87 | 4.75 | 4.83 | 1.30 | ppb |
| Phosphorus | 31-2 | 1147.40 | 1156.04 | 1136.96 | 1146.80 | 0.83 | ppb |
| Potassium | 39-2 | 1298.88 | 1301.92 | 1283.60 | 1294.80 | 0.76 | ppb |
| Rhodium | 103-1 | | | | 109 | | % |
| Rhodium | 103-2 | | | | 110 | | % |
| Scandium | 45-1 | | | | 111 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 10.96 | 11.19 | 10.89 | 11.01 | 1.40 | ppb |
| Selenium | 77-2 | 12.55 | 15.76 | 12.75 | 13.68 | 13.16 | ppb |
| Selenium | 78-2 | 11.80 | 11.58 | 13.34 | 12.24 | 7.84 | ppb |
| Silicon | 28-1 | 563.79 | 578.15 | 576.69 | 572.88 | 1.38 | ppb |
| Silver | 107-1 | 139.71 | 142.07 | 144.83 | 142.21 | 1.80 | ppb |
| Silver | 109-1 | 139.79 | 141.07 | 146.79 | 142.55 | 2.61 | ppb |
| Sodium | 23-2 | 170.76 | 172.69 | 167.95 | 170.47 | 1.40 | ppb |
| Strontium | 86-1 | 989.65 | 1001.73 | 1007.61 | 999.66 | 0.92 | ppb |
| Strontium | 88-1 | 985.99 | 997.41 | 1019.44 | 1000.95 | 1.70 | ppb |
| Sulfur | 34-1 | 74224.03 | 73952.91 | 73448.52 | 73875.15 | 0.53 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 1.00 | 1.01 | 1.01 | 1.01 | 0.28 | ppb |
| Thallium | 205-1 | 0.96 | 1.00 | 1.02 | 0.99 | 2.68 | ppb |
| Tin | 118-1 | 5.65 | 5.63 | 5.68 | 5.65 | 0.50 | ppb |
| Titanium | 47-1 | 63.25 | 64.12 | 63.18 | 63.51 | 0.82 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D29 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:04:11 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.91 | 0.94 | 0.94 | 0.93 | 1.68 | ppb |
| Vanadium | 51-2 | 14.08 | 14.17 | 13.89 | 14.05 | 1.00 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 113 | | % |
| Zinc | 66-2 | 15317.57 | 15287.88 | 15261.69 | 15289.05 | 0.18 | ppb |
| Zirconium | 90-1 | 0.75 | 0.80 | 0.78 | 0.78 | 3.38 | ppb |
| Zirconium | 91-1 | 0.91 | 0.82 | 0.84 | 0.86 | 5.57 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D32 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:07:20 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8193.02 | 8198.32 | 8300.91 | 8230.75 | 0.74 | ppb |
| Antimony | 121-1 | 22.49 | 22.87 | 23.14 | 22.83 | 1.43 | ppb |
| Arsenic | 75-2 | 127.45 | 130.53 | 128.39 | 128.79 | 1.22 | ppb |
| Barium | 135-1 | 197.48 | 201.35 | 203.56 | 200.80 | 1.53 | ppb |
| Barium | 137-1 | 196.06 | 200.42 | 203.59 | 200.02 | 1.89 | ppb |
| Beryllium | 9-1 | 1.03 | 1.22 | 1.09 | 1.11 | 8.97 | ppb |
| Bismuth | 209-1 | | | | 121 | | % |
| Bismuth | 209-2 | | | | 115 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 11.36 | 11.90 | 12.25 | 11.84 | 3.77 | ppb |
| Cadmium | 106-1 | -7.82 | -13.43 | -8.68 | -9.98 | | ppb |
| Cadmium | 111-1 | 11.46 | 11.60 | 11.88 | 11.65 | 1.81 | ppb |
| Calcium | 43-1 | 2455.34 | 2523.59 | 2516.76 | 2498.56 | 1.50 | ppb |
| Calcium | 44-1 | 2437.44 | 2534.22 | 2478.78 | 2483.48 | 1.96 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 69.88 | 69.27 | 69.98 | 69.71 | 0.55 | ppb |
| Cobalt | 59-2 | 10.49 | 10.32 | 10.49 | 10.44 | 0.92 | ppb |
| Copper | 63-2 | 842.27 | 838.20 | 843.06 | 841.18 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 110 | | % |
| Indium | 115-1 | | | | 113 | | % |
| Indium | 115-2 | | | | 110 | | % |
| Iron | 56-2 | 100668.60 | 100051.61 | 101277.81 | 100666.01 | 0.61 | ppb |
| Iron | 57-2 | 98227.35 | 97664.54 | 98449.68 | 98113.86 | 0.41 | ppb |
| Iron | 54-2 | 101887.15 | 100380.67 | 101815.44 | 101361.09 | 0.84 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D32 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:07:20 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10220.91 | 10529.62 | 10639.05 | 10463.19 | 2.07 | ppb |
| Lead | 207-1 | 10071.52 | 10245.15 | 10367.44 | 10228.03 | 1.45 | ppb |
| Lead | 208-1 | 10155.73 | 10341.22 | 10436.95 | 10311.30 | 1.39 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 4984.91 | 4975.50 | 5045.26 | 5001.89 | 0.76 | ppb |
| Manganese | 55-2 | 3771.76 | 3735.76 | 3779.49 | 3762.34 | 0.62 | ppb |
| Molybdenum | 94-1 | 61.01 | 62.04 | 62.24 | 61.76 | 1.07 | ppb |
| Molybdenum | 95-1 | 73.32 | 74.97 | 75.39 | 74.56 | 1.47 | ppb |
| Molybdenum | 96-1 | 72.67 | 74.38 | 75.23 | 74.09 | 1.75 | ppb |
| Molybdenum | 97-1 | 73.63 | 75.39 | 75.97 | 75.00 | 1.63 | ppb |
| Molybdenum | 98-1 | 73.45 | 74.43 | 75.00 | 74.29 | 1.05 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 14.91 | 14.71 | 14.85 | 14.82 | 0.71 | ppb |
| Phosphorus | 31-2 | 2351.55 | 2308.95 | 2327.11 | 2329.20 | 0.92 | ppb |
| Potassium | 39-2 | 2963.13 | 2955.13 | 3024.91 | 2981.06 | 1.28 | ppb |
| Rhodium | 103-1 | | | | 110 | | % |
| Rhodium | 103-2 | | | | 109 | | % |
| Scandium | 45-1 | | | | 113 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 2.94 | 3.29 | 2.99 | 3.07 | 6.30 | ppb |
| Selenium | 77-2 | 8.67 | 7.31 | 11.24 | 9.07 | 22.01 | ppb |
| Selenium | 78-2 | 4.25 | 4.08 | 4.24 | 4.19 | 2.27 | ppb |
| Silicon | 28-1 | 334.56 | 339.56 | 341.08 | 338.40 | 1.01 | ppb |
| Silver | 107-1 | 48.75 | 49.98 | 49.96 | 49.56 | 1.42 | ppb |
| Silver | 109-1 | 47.79 | 49.60 | 49.37 | 48.92 | 2.01 | ppb |
| Sodium | 23-2 | 259.10 | 257.31 | 260.21 | 258.87 | 0.57 | ppb |
| Strontium | 86-1 | 985.60 | 1006.37 | 1019.92 | 1003.96 | 1.72 | ppb |
| Strontium | 88-1 | 1017.08 | 1030.27 | 1043.60 | 1030.31 | 1.29 | ppb |
| Sulfur | 34-1 | 14257.30 | 14857.99 | 14541.45 | 14552.24 | 2.06 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.49 | 0.51 | 0.53 | 0.51 | 3.31 | ppb |
| Thallium | 205-1 | 0.46 | 0.50 | 0.50 | 0.49 | 3.96 | ppb |
| Tin | 118-1 | 18.14 | 18.56 | 18.67 | 18.45 | 1.50 | ppb |
| Titanium | 47-1 | 201.20 | 208.46 | 206.09 | 205.25 | 1.80 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D32 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:07:20 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.84 | 0.86 | 0.86 | 0.85 | 1.34 | ppb |
| Vanadium | 51-2 | 28.70 | 28.50 | 28.94 | 28.71 | 0.76 | ppb |
| Yttrium | 89-1 | | | | 115 | | % |
| Yttrium | 89-2 | | | | 114 | | % |
| Zinc | 66-2 | 3127.07 | 3084.83 | 3119.49 | 3110.46 | 0.72 | ppb |
| Zirconium | 90-1 | 0.30 | 0.29 | 0.30 | 0.30 | 2.67 | ppb |
| Zirconium | 91-1 | 0.35 | 0.34 | 0.34 | 0.34 | 1.60 | ppb |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D35 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:16:53 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9683.48 | 9611.77 | 9716.46 | 9670.57 | 0.55 | ppb |
| Antimony | 121-1 | 58.15 | 90.79 | 58.46 | 69.13 | 27.13 | ppb |
| Arsenic | 75-2 | 89.80 | 89.06 | 90.77 | 89.88 | 0.95 | ppb |
| Barium | 135-1 | 181.19 | 283.83 | 182.73 | 215.92 | 27.24 | ppb |
| Barium | 137-1 | 181.06 | 283.33 | 182.07 | 215.48 | 27.27 | ppb |
| Beryllium | 9-1 | 1.06 | 1.56 | 0.94 | 1.19 | 27.86 | ppb |
| Bismuth | 209-1 | | | | 202 | | % |
| Bismuth | 209-2 | | | | 202 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 47.02 | 72.25 | 46.34 | 55.21 | 26.75 | ppb |
| Cadmium | 106-1 | 23.44 | 61.23 | 27.85 | 37.51 | 55.09 | ppb |
| Cadmium | 111-1 | 51.44 | 81.24 | 51.64 | 61.44 | 27.91 | ppb |
| Calcium | 43-1 | 3817.38 | 6085.19 | 3920.13 | 4607.57 | 27.80 | ppb |
| Calcium | 44-1 | 3828.50 | 6077.61 | 3880.80 | 4595.64 | 27.93 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5.88 | 5.82 | 5.93 | 5.88 | 0.97 | ppb |
| Cobalt | 59-2 | 24.03 | 23.96 | 24.13 | 24.04 | 0.35 | ppb |
| Copper | 63-2 | 9155.79 | 9142.25 | 9208.21 | 9168.75 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 110 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 110 | | % |
| Iron | 56-2 | 73541.31 | 73918.04 | 73262.99 | 73574.11 | 0.45 | ppb |
| Iron | 57-2 | 71941.18 | 71368.74 | 72028.97 | 71779.63 | 0.50 | ppb |
| Iron | 54-2 | 72883.73 | 73589.16 | 73461.67 | 73311.52 | 0.51 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D35 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:16:53 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 12881.49 | 15891.56 | 13033.37 | 13935.47 | 12.17 | ppb |
| Lead | 207-1 | 12296.95 | 15449.87 | 12550.34 | 13432.39 | 13.04 | ppb |
| Lead | 208-1 | 12550.18 | 15566.75 | 12714.94 | 13610.62 | 12.46 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 5187.38 | 5175.24 | 5172.02 | 5178.21 | 0.16 | ppb |
| Manganese | 55-2 | 22712.13 | 22840.65 | 22658.59 | 22737.12 | 0.41 | ppb |
| Molybdenum | 94-1 | 78.58 | 125.20 | 80.61 | 94.80 | 27.80 | ppb |
| Molybdenum | 95-1 | 94.59 | 149.20 | 96.83 | 113.54 | 27.22 | ppb |
| Molybdenum | 96-1 | 93.19 | 146.55 | 95.00 | 111.58 | 27.15 | ppb |
| Molybdenum | 97-1 | 94.59 | 150.82 | 97.67 | 114.36 | 27.64 | ppb |
| Molybdenum | 98-1 | 94.00 | 148.63 | 96.35 | 113.00 | 27.33 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.18 | 7.95 | 8.10 | 8.08 | 1.45 | ppb |
| Phosphorus | 31-2 | 1416.39 | 1434.71 | 1462.51 | 1437.87 | 1.62 | ppb |
| Potassium | 39-2 | 1144.55 | 1158.47 | 1161.01 | 1154.68 | 0.77 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 111 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 9.85 | 16.09 | 9.86 | 11.93 | 30.18 | ppb |
| Selenium | 77-2 | 14.58 | 17.30 | 15.16 | 15.68 | 9.15 | ppb |
| Selenium | 78-2 | 9.99 | 10.80 | 11.32 | 10.71 | 6.25 | ppb |
| Silicon | 28-1 | 458.15 | 776.23 | 499.79 | 578.06 | 29.91 | ppb |
| Silver | 107-1 | 189.61 | 300.42 | 195.28 | 228.44 | 27.32 | ppb |
| Silver | 109-1 | 191.70 | 303.72 | 191.22 | 228.88 | 28.32 | ppb |
| Sodium | 23-2 | 90.74 | 90.66 | 91.09 | 90.83 | 0.26 | ppb |
| Strontium | 86-1 | 899.13 | 1416.90 | 920.57 | 1078.86 | 27.15 | ppb |
| Strontium | 88-1 | 897.26 | 1431.16 | 923.92 | 1084.11 | 27.75 | ppb |
| Sulfur | 34-1 | 15940.81 | 27942.54 | 16500.92 | 20128.09 | 33.65 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.27 | 0.36 | 0.28 | 0.30 | 15.77 | ppb |
| Thallium | 205-1 | 0.27 | 0.35 | 0.28 | 0.30 | 13.77 | ppb |
| Tin | 118-1 | 146.78 | 239.29 | 147.04 | 177.70 | 30.01 | ppb |
| Titanium | 47-1 | 62.93 | 100.52 | 64.74 | 76.06 | 27.87 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D35 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:16:53 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.92 | 1.14 | 0.92 | 0.99 | 12.67 | ppb |
| Vanadium | 51-2 | 24.22 | 24.38 | 24.21 | 24.27 | 0.40 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 114 | | % |
| Zinc | 66-2 | 8401.35 | 8379.98 | 8485.49 | 8422.27 | 0.66 | ppb |
| Zirconium | 90-1 | 0.69 | 1.08 | 0.72 | 0.83 | 26.14 | ppb |
| Zirconium | 91-1 | 0.73 | 1.18 | 0.76 | 0.89 | 28.19 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:21:34 | DataFile Name : | 031CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 51924.05 | 52070.42 | 51448.66 | 51814.38 | 0.63 | ppb |
| Antimony | 121-1 | 497.10 | 510.08 | 508.43 | 505.20 | 1.40 | ppb |
| Arsenic | 75-2 | 501.07 | 505.08 | 501.87 | 502.67 | 0.42 | ppb |
| Barium | 135-1 | 2522.65 | 2600.42 | 2584.29 | 2569.12 | 1.60 | ppb |
| Barium | 137-1 | 2502.50 | 2600.38 | 2588.37 | 2563.75 | 2.08 | ppb |
| Beryllium | 9-1 | 480.10 | 496.59 | 493.44 | 490.04 | 1.79 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 477.37 | 498.88 | 500.60 | 492.29 | 2.63 | ppb |
| Cadmium | 106-1 | 461.03 | 467.03 | 470.92 | 466.32 | 1.07 | ppb |
| Cadmium | 111-1 | 475.44 | 489.85 | 489.43 | 484.91 | 1.69 | ppb |
| Calcium | 43-1 | 243708.93 | 255362.94 | 260465.42 | 253179.10 | 3.39 | ppb |
| Calcium | 44-1 | 244708.54 | 259704.58 | 259911.56 | 254774.89 | 3.42 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 528.36 | 526.34 | 517.42 | 524.04 | 1.11 | ppb |
| Cobalt | 59-2 | 521.59 | 528.69 | 515.45 | 521.91 | 1.27 | ppb |
| Copper | 63-2 | 5002.46 | 5060.79 | 4978.30 | 5013.85 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 87 | | % |
| Iron | 56-2 | 134695.39 | 134660.84 | 133385.87 | 134247.37 | 0.56 | ppb |
| Iron | 57-2 | 133545.63 | 134344.46 | 132357.60 | 133415.90 | 0.75 | ppb |
| Iron | 54-2 | 135058.32 | 135003.76 | 133758.24 | 134606.78 | 0.55 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:21:34 | DataFile Name : | 031CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2509.60 | 2635.10 | 2652.02 | 2598.91 | 2.99 | ppb |
| Lead | 207-1 | 2499.00 | 2630.89 | 2649.56 | 2593.15 | 3.16 | ppb |
| Lead | 208-1 | 2514.29 | 2641.29 | 2648.90 | 2601.49 | 2.91 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 264652.32 | 263899.53 | 261876.88 | 263476.24 | 0.54 | ppb |
| Manganese | 55-2 | 5198.66 | 5222.63 | 5155.84 | 5192.38 | 0.65 | ppb |
| Molybdenum | 94-1 | 4898.31 | 5100.71 | 5181.07 | 5060.03 | 2.88 | ppb |
| Molybdenum | 95-1 | 4894.69 | 5147.85 | 5163.69 | 5068.74 | 2.98 | ppb |
| Molybdenum | 96-1 | 4870.12 | 5178.21 | 5142.28 | 5063.54 | 3.33 | ppb |
| Molybdenum | 97-1 | 4879.27 | 5212.54 | 5177.10 | 5089.64 | 3.60 | ppb |
| Molybdenum | 98-1 | 4881.65 | 5205.60 | 5216.58 | 5101.28 | 3.73 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 487.57 | 489.89 | 487.45 | 488.31 | 0.28 | ppb |
| Phosphorus | 31-2 | 10228.33 | 10221.85 | 10142.32 | 10197.50 | 0.47 | ppb |
| Potassium | 39-2 | 129815.15 | 129593.27 | 128606.18 | 129338.20 | 0.50 | ppb |
| Rhodium | 103-1 | | | | 88 | | % |
| Rhodium | 103-2 | | | | 85 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 86 | | % |
| Selenium | 82-1 | 455.78 | 484.72 | 487.16 | 475.89 | 3.67 | ppb |
| Selenium | 77-2 | 504.21 | 493.97 | 489.23 | 495.80 | 1.54 | ppb |
| Selenium | 78-2 | 494.40 | 486.63 | 481.09 | 487.37 | 1.37 | ppb |
| Silicon | 28-1 | 249.43 | 258.67 | 261.50 | 256.53 | 2.46 | ppb |
| Silver | 107-1 | 492.77 | 506.22 | 502.24 | 500.41 | 1.38 | ppb |
| Silver | 109-1 | 487.68 | 498.01 | 492.12 | 492.60 | 1.05 | ppb |
| Sodium | 23-2 | 263921.50 | 266597.68 | 263158.00 | 264559.06 | 0.68 | ppb |
| Strontium | 86-1 | 12271.05 | 12906.01 | 13076.39 | 12751.15 | 3.33 | ppb |
| Strontium | 88-1 | 12450.56 | 13050.27 | 13110.19 | 12870.34 | 2.83 | ppb |
| Sulfur | 34-1 | 10046.38 | 10668.99 | 10717.48 | 10477.62 | 3.57 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 508.79 | 531.35 | 533.76 | 524.63 | 2.62 | ppb |
| Thallium | 205-1 | 500.93 | 531.52 | 533.51 | 521.98 | 3.50 | ppb |
| Tin | 118-1 | 498.67 | 504.23 | 508.58 | 503.83 | 0.99 | ppb |
| Titanium | 47-1 | 4913.25 | 5181.15 | 5272.54 | 5122.31 | 3.65 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:21:34 | DataFile Name : | 031CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 513.70 | 550.28 | 546.66 | 536.88 | 3.75 | ppb |
| Vanadium | 51-2 | 533.61 | 523.16 | 520.54 | 525.77 | 1.32 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 90 | | % |
| Zinc | 66-2 | 4982.48 | 5033.75 | 4874.98 | 4963.74 | 1.63 | ppb |
| Zirconium | 90-1 | 495.49 | 518.23 | 520.76 | 511.49 | 2.72 | ppb |
| Zirconium | 91-1 | 497.18 | 520.29 | 533.80 | 517.09 | 3.58 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:28:34 | DataFile Name : | 033CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.74 | 0.93 | 0.85 | 0.84 | 11.38 | ppb |
| Antimony | 121-1 | 0.04 | 0.05 | 0.04 | 0.04 | 17.31 | ppb |
| Arsenic | 75-2 | 0.00 | 0.00 | 0.00 | 0.00 | 8.03 | ppb |
| Barium | 135-1 | 0.05 | 0.02 | 0.05 | 0.04 | 35.14 | ppb |
| Barium | 137-1 | 0.05 | 0.04 | 0.03 | 0.04 | 26.32 | ppb |
| Beryllium | 9-1 | 0.01 | -0.01 | -0.01 | 0.00 | | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.37 | -0.06 | -0.16 | -0.20 | | ppb |
| Cadmium | 106-1 | -43.67 | -42.48 | -44.91 | -43.69 | | ppb |
| Cadmium | 111-1 | 0.02 | -0.01 | -0.02 | 0.00 | | ppb |
| Calcium | 43-1 | 0.66 | 2.57 | -1.86 | 0.46 | 485.06 | ppb |
| Calcium | 44-1 | -0.93 | -2.35 | -4.43 | -2.57 | | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.04 | -0.03 | 0.03 | 0.01 | 304.07 | ppb |
| Cobalt | 59-2 | 0.00 | 0.01 | 0.00 | 0.00 | 95.73 | ppb |
| Copper | 63-2 | 0.33 | 0.36 | 0.35 | 0.35 | 3.59 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 2.77 | 2.69 | 2.48 | 2.65 | 5.59 | ppb |
| Iron | 57-2 | 0.41 | 1.13 | 0.80 | 0.78 | 45.70 | ppb |
| Iron | 54-2 | 2.97 | 2.99 | 1.86 | 2.60 | 24.82 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:28:34 | DataFile Name : | 033CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.38 | 0.35 | 0.34 | 0.35 | 5.77 | ppb |
| Lead | 207-1 | 0.35 | 0.32 | 0.31 | 0.33 | 5.56 | ppb |
| Lead | 208-1 | 0.36 | 0.34 | 0.32 | 0.34 | 5.11 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 3.38 | 3.37 | 3.13 | 3.29 | 4.22 | ppb |
| Manganese | 55-2 | 0.24 | 0.25 | 0.18 | 0.22 | 16.43 | ppb |
| Molybdenum | 94-1 | 0.14 | 0.10 | 0.10 | 0.11 | 18.27 | ppb |
| Molybdenum | 95-1 | 0.13 | 0.12 | 0.11 | 0.12 | 11.44 | ppb |
| Molybdenum | 96-1 | 0.11 | 0.12 | 0.12 | 0.12 | 2.40 | ppb |
| Molybdenum | 97-1 | 0.11 | 0.11 | 0.12 | 0.11 | 5.09 | ppb |
| Molybdenum | 98-1 | 0.10 | 0.09 | 0.09 | 0.10 | 3.69 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.04 | 0.03 | 0.00 | 0.00 | | ppb |
| Phosphorus | 31-2 | -17.71 | -21.49 | -17.31 | -18.84 | | ppb |
| Potassium | 39-2 | -0.22 | 0.15 | -0.04 | -0.03 | | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | -0.35 | -0.29 | -0.47 | -0.37 | | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | 0.69 | -0.05 | 0.03 | 0.22 | 183.68 | ppb |
| Silicon | 28-1 | -25.85 | -10.62 | -9.96 | -15.47 | | ppb |
| Silver | 107-1 | 0.03 | 0.02 | 0.01 | 0.02 | 31.19 | ppb |
| Silver | 109-1 | 0.02 | 0.02 | 0.02 | 0.02 | 13.91 | ppb |
| Sodium | 23-2 | 14.06 | 14.12 | 14.19 | 14.13 | 0.46 | ppb |
| Strontium | 86-1 | 0.25 | 0.11 | -0.50 | -0.05 | | ppb |
| Strontium | 88-1 | 0.26 | 0.26 | 0.23 | 0.25 | 6.70 | ppb |
| Sulfur | 34-1 | -291.96 | -258.58 | -281.17 | -277.24 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.05 | 0.05 | 0.05 | 0.05 | 1.47 | ppb |
| Thallium | 205-1 | 0.05 | 0.06 | 0.05 | 0.05 | 12.22 | ppb |
| Tin | 118-1 | 0.00 | 0.29 | 0.00 | 0.10 | 172.87 | ppb |
| Titanium | 47-1 | 0.10 | 0.07 | 0.09 | 0.09 | 13.69 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:28:34 | DataFile Name : | 033CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.01 | 0.01 | 0.01 | 0.01 | 12.17 | ppb |
| Vanadium | 51-2 | 0.00 | 0.01 | 0.01 | 0.01 | 31.56 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 0.10 | 0.09 | 0.13 | 0.11 | 21.15 | ppb |
| Zirconium | 90-1 | 0.01 | 0.00 | 0.00 | 0.00 | 24.04 | ppb |
| Zirconium | 91-1 | 0.01 | 0.00 | 0.01 | 0.01 | 66.75 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:44:22 | DataFile Name : | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 103 | 73 | 63 | 80 | 26.02 | cps |
| Antimony | 121-1 | 63 | 50 | 30 | 48 | 35.11 | cps |
| Arsenic | 75-2 | 17 | 17 | 23 | 19 | 20.36 | cps |
| Barium | 135-1 | 47 | 47 | 63 | 52 | 18.42 | cps |
| Barium | 137-1 | 87 | 90 | 103 | 93 | 9.45 | cps |
| Beryllium | 9-1 | 60 | 70 | 77 | 69 | 12.18 | cps |
| Bismuth | 209-1 | 10192427 | 10179336 | 10498301 | 10290022 | 1.75 | cps |
| Bismuth | 209-2 | 8213872 | 8147294 | 8096555 | 8152574 | 0.72 | cps |
| Bromine | 81-1 | 14397 | 14043 | 13987 | 14142 | 1.57 | cps |
| Bromine | 81-2 | 143 | 147 | 183 | 158 | 14.07 | cps |
| Cadmium | 108-1 | 190 | 167 | 207 | 188 | 10.70 | cps |
| Cadmium | 106-1 | 84071 | 82308 | 86438 | 84273 | 2.46 | cps |
| Cadmium | 111-1 | 337 | 352 | 318 | 335 | 5.09 | cps |
| Calcium | 43-1 | 633 | 530 | 600 | 588 | 8.97 | cps |
| Calcium | 44-1 | 20100 | 19132 | 20758 | 19997 | 4.09 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3307 | 3350 | 3334 | 3330 | 0.66 | cps |
| Cobalt | 59-2 | 257 | 203 | 247 | 236 | 12.03 | cps |
| Copper | 63-2 | 3327 | 3014 | 3380 | 3240 | 6.11 | cps |
| Dysprosium | 156-1 | 17 | 23 | 3 | 14 | 70.51 | cps |
| Dysprosium | 156-2 | 10 | 3 | 7 | 7 | 50.03 | cps |
| Erbium | 164-1 | 110 | 77 | 83 | 90 | 19.60 | cps |
| Erbium | 164-2 | 27 | 73 | 43 | 48 | 49.49 | cps |
| Gadolinium | 160-1 | 253 | 350 | 320 | 308 | 16.08 | cps |
| Gadolinium | 160-2 | 877 | 763 | 790 | 810 | 7.32 | cps |
| Holmium | 165-1 | 16139536 | 15950240 | 16499351 | 16196376 | 1.72 | cps |
| Holmium | 165-2 | 11159099 | 11197892 | 11163236 | 11173409 | 0.19 | cps |
| Indium | 115-1 | 12564032 | 12352375 | 12566965 | 12494458 | 0.98 | cps |
| Indium | 115-2 | 4881598 | 4867442 | 4851520 | 4866853 | 0.31 | cps |
| Iron | 56-2 | 23054 | 22934 | 22524 | 22837 | 1.22 | cps |
| Iron | 57-2 | 1803 | 1820 | 1810 | 1811 | 0.46 | cps |
| Iron | 54-2 | 2877 | 2917 | 2800 | 2865 | 2.07 | cps |
| Krypton | 83-1 | 227 | 227 | 213 | 222 | 3.46 | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:44:22 | DataFile Name : | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 367 | 387 | 397 | 383 | 3.98 | cps |
| Lead | 207-1 | 400 | 363 | 433 | 399 | 8.78 | cps |
| Lead | 208-1 | 1603 | 1643 | 1637 | 1628 | 1.32 | cps |
| Lithium | 6-1 | 1505038 | 1479475 | 1491507 | 1492007 | 0.86 | cps |
| Magnesium | 24-2 | 517 | 367 | 417 | 433 | 17.63 | cps |
| Manganese | 55-2 | 383 | 443 | 383 | 403 | 8.59 | cps |
| Molybdenum | 94-1 | 477 | 447 | 560 | 494 | 11.88 | cps |
| Molybdenum | 95-1 | 393 | 383 | 413 | 397 | 3.85 | cps |
| Molybdenum | 96-1 | 500 | 453 | 597 | 517 | 14.15 | cps |
| Molybdenum | 97-1 | 280 | 307 | 273 | 287 | 6.15 | cps |
| Molybdenum | 98-1 | 757 | 750 | 650 | 719 | 8.31 | cps |
| Neodymium | 150-1 | 17 | 10 | 13 | 13 | 25.01 | cps |
| Neodymium | 150-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Nickel | 60-2 | 1050 | 940 | 923 | 971 | 7.09 | cps |
| Phosphorus | 31-2 | 447 | 433 | 297 | 392 | 21.17 | cps |
| Potassium | 39-2 | 54410 | 55026 | 55042 | 54826 | 0.66 | cps |
| Rhodium | 103-1 | 11462412 | 11246871 | 11835559 | 11514947 | 2.59 | cps |
| Rhodium | 103-2 | 7043388 | 7028492 | 7000613 | 7024164 | 0.31 | cps |
| Scandium | 45-1 | 6343689 | 6263487 | 6436083 | 6347753 | 1.36 | cps |
| Scandium | 45-2 | 592106 | 589432 | 586549 | 589362 | 0.47 | cps |
| Selenium | 82-1 | 457 | 488 | 485 | 477 | 3.58 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 403 | 437 | 357 | 399 | 10.08 | cps |
| Silicon | 28-1 | 1476679 | 1508421 | 1479570 | 1488223 | 1.18 | cps |
| Silver | 107-1 | 180 | 157 | 187 | 174 | 9.03 | cps |
| Silver | 109-1 | 60 | 70 | 50 | 60 | 16.67 | cps |
| Sodium | 23-2 | 24393 | 23588 | 22964 | 23648 | 3.03 | cps |
| Strontium | 86-1 | 343 | 363 | 347 | 351 | 3.05 | cps |
| Strontium | 88-1 | 220 | 217 | 237 | 224 | 4.77 | cps |
| Sulfur | 34-1 | 176520 | 177080 | 175505 | 176368 | 0.45 | cps |
| Terbium | 159-1 | 16438456 | 16273575 | 16544959 | 16418997 | 0.83 | cps |
| Terbium | 159-2 | 11352199 | 11119833 | 11103591 | 11191874 | 1.24 | cps |
| Thallium | 203-1 | 217 | 260 | 217 | 231 | 10.83 | cps |
| Thallium | 205-1 | 657 | 603 | 593 | 618 | 5.51 | cps |
| Tin | 118-1 | 1057 | 1087 | 1147 | 1097 | 4.18 | cps |
| Titanium | 47-1 | 77 | 70 | 93 | 80 | 15.02 | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:44:22 | DataFile Name : | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 173 | 140 | 153 | 156 | 10.79 | cps |
| Vanadium | 51-2 | 23 | 27 | 20 | 23 | 14.29 | cps |
| Yttrium | 89-1 | 18624969 | 18366925 | 18826723 | 18606206 | 1.24 | cps |
| Yttrium | 89-2 | 5453378 | 5375487 | 5300611 | 5376492 | 1.42 | cps |
| Zinc | 66-2 | 317 | 253 | 303 | 291 | 11.47 | cps |
| Zirconium | 90-1 | 1700 | 1737 | 1733 | 1723 | 1.18 | cps |
| Zirconium | 91-1 | 183 | 170 | 170 | 174 | 4.42 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:47:36 | DataFile Name : | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 667 | 603 | 613 | 628 | 5.42 | cps |
| Antimony | 121-1 | 2524 | 2367 | 2367 | 2419 | 3.74 | cps |
| Arsenic | 75-2 | 97 | 103 | 87 | 96 | 8.78 | cps |
| Barium | 135-1 | 3017 | 3234 | 3270 | 3174 | 4.31 | cps |
| Barium | 137-1 | 5381 | 5655 | 5514 | 5517 | 2.48 | cps |
| Beryllium | 9-1 | 200 | 210 | 193 | 201 | 4.17 | cps |
| Bismuth | 209-1 | 10249494 | 10319838 | 10104725 | 10224686 | 1.07 | cps |
| Bismuth | 209-2 | 8145026 | 8213914 | 8229897 | 8196279 | 0.55 | cps |
| Bromine | 81-1 | 13540 | 13376 | 13273 | 13396 | 1.00 | cps |
| Bromine | 81-2 | 147 | 123 | 117 | 129 | 12.22 | cps |
| Cadmium | 108-1 | 253 | 207 | 173 | 211 | 19.03 | cps |
| Cadmium | 106-1 | 84276 | 84145 | 82774 | 83732 | 0.99 | cps |
| Cadmium | 111-1 | Rejected | Rejected | Rejected | | | cps |
| Calcium | 43-1 | 2147 | 2023 | 2200 | 2124 | 4.27 | cps |
| Calcium | 44-1 | 45742 | 45906 | 46652 | 46100 | 1.05 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4337 | 4244 | 4391 | 4324 | 1.72 | cps |
| Cobalt | 59-2 | 1053 | 1040 | 1063 | 1052 | 1.11 | cps |
| Copper | 63-2 | 4401 | 4284 | 4627 | 4437 | 3.94 | cps |
| Dysprosium | 156-1 | 10 | 3 | 0 | 4 | 114.60 | cps |
| Dysprosium | 156-2 | 7 | 0 | 7 | 4 | 86.60 | cps |
| Erbium | 164-1 | 80 | 97 | 90 | 89 | 9.44 | cps |
| Erbium | 164-2 | 90 | 20 | 50 | 53 | 65.85 | cps |
| Gadolinium | 160-1 | 300 | 307 | 367 | 324 | 11.32 | cps |
| Gadolinium | 160-2 | 810 | 970 | 863 | 881 | 9.25 | cps |
| Holmium | 165-1 | 16165386 | 15910704 | 15928814 | 16001634 | 0.89 | cps |
| Holmium | 165-2 | 11306665 | 11182317 | 11127092 | 11205358 | 0.82 | cps |
| Indium | 115-1 | 12652623 | 12531606 | 12207091 | 12463773 | 1.85 | cps |
| Indium | 115-2 | 4916515 | 4857821 | 4838484 | 4870940 | 0.83 | cps |
| Iron | 56-2 | 47354 | 48030 | 47261 | 47548 | 0.88 | cps |
| Iron | 57-2 | 2697 | 2554 | 2660 | 2637 | 2.82 | cps |
| Iron | 54-2 | 4484 | 4487 | 4087 | 4353 | 5.29 | cps |
| Krypton | 83-1 | 157 | 200 | 210 | 189 | 15.01 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:47:36 | DataFile Name : | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1553 | 1520 | 1530 | 1535 | 1.11 | cps |
| Lead | 207-1 | 1447 | 1203 | 1310 | 1320 | 9.24 | cps |
| Lead | 208-1 | 6161 | 5794 | 6047 | 6001 | 3.13 | cps |
| Lithium | 6-1 | 1476625 | 1478628 | 1474214 | 1476489 | 0.15 | cps |
| Magnesium | 24-2 | 21605 | 21722 | 21498 | 21609 | 0.52 | cps |
| Manganese | 55-2 | Rejected | Rejected | Rejected | | | cps |
| Molybdenum | 94-1 | 3024 | 2720 | 3164 | 2969 | 7.63 | cps |
| Molybdenum | 95-1 | 3507 | 3477 | 3517 | 3500 | 0.59 | cps |
| Molybdenum | 96-1 | 3957 | 3864 | 4067 | 3963 | 2.57 | cps |
| Molybdenum | 97-1 | 2057 | 2204 | 2227 | 2162 | 4.26 | cps |
| Molybdenum | 98-1 | 5384 | 5798 | 5885 | 5689 | 4.70 | cps |
| Neodymium | 150-1 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Neodymium | 150-2 | 3 | 0 | 7 | 3 | 100.05 | cps |
| Nickel | 60-2 | Rejected | Rejected | Rejected | | | cps |
| Phosphorus | 31-2 | 383 | 350 | 373 | 369 | 4.64 | cps |
| Potassium | 39-2 | 85002 | 83863 | 83977 | 84280 | 0.74 | cps |
| Rhodium | 103-1 | 11533223 | 11512959 | 11294664 | 11446949 | 1.16 | cps |
| Rhodium | 103-2 | 7100619 | 6969207 | 7047616 | 7039147 | 0.94 | cps |
| Scandium | 45-1 | 6437415 | 6272891 | 6303932 | 6338079 | 1.38 | cps |
| Scandium | 45-2 | 593401 | 588852 | 588153 | 590135 | 0.48 | cps |
| Selenium | 82-1 | Rejected | Rejected | Rejected | | | cps |
| Selenium | 77-2 | 10 | 7 | 10 | 9 | 21.63 | cps |
| Selenium | 78-2 | 477 | 410 | 410 | 432 | 8.91 | cps |
| Silicon | 28-1 | 1559698 | 1468866 | 1562605 | 1530390 | 3.48 | cps |
| Silver | 107-1 | 1627 | 1657 | 1763 | 1682 | 4.27 | cps |
| Silver | 109-1 | 1483 | 1523 | 1543 | 1517 | 2.01 | cps |
| Sodium | 23-2 | 58149 | 57366 | 57463 | 57660 | 0.74 | cps |
| Strontium | 86-1 | 620 | 670 | 627 | 639 | 4.25 | cps |
| Strontium | 88-1 | 3684 | 3527 | 3504 | 3572 | 2.74 | cps |
| Sulfur | 34-1 | 172650 | 175353 | 172943 | 173649 | 0.85 | cps |
| Terbium | 159-1 | 16384341 | 16273087 | 15971584 | 16209671 | 1.32 | cps |
| Terbium | 159-2 | 11158720 | 11078618 | 11171808 | 11136382 | 0.45 | cps |
| Thallium | 203-1 | 1597 | 1550 | 1717 | 1621 | 5.30 | cps |
| Thallium | 205-1 | 3861 | 3721 | 3914 | 3832 | 2.61 | cps |
| Tin | 118-1 | 5875 | 6291 | 6021 | 6062 | 3.49 | cps |
| Titanium | 47-1 | 807 | 853 | 793 | 818 | 3.85 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:47:36 | DataFile Name : | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4024 | 4047 | 3941 | 4004 | 1.40 | cps |
| Vanadium | 51-2 | 2200 | 2164 | 2127 | 2164 | 1.70 | cps |
| Yttrium | 89-1 | 18765574 | 18428873 | 18360274 | 18518240 | 1.17 | cps |
| Yttrium | 89-2 | 5369846 | 5362755 | 5363227 | 5365276 | 0.07 | cps |
| Zinc | 66-2 | Rejected | Rejected | Rejected | | | cps |
| Zirconium | 90-1 | 3654 | 3667 | 3941 | 3754 | 4.31 | cps |
| Zirconium | 91-1 | 593 | 550 | 520 | 554 | 6.65 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:50:53 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4714 | 4874 | 4994 | 4861 | 2.89 | cps |
| Antimony | 121-1 | 24124 | 24885 | 24504 | 24504 | 1.55 | cps |
| Arsenic | 75-2 | 800 | 683 | 650 | 711 | 11.08 | cps |
| Barium | 135-1 | 31602 | 31602 | 30630 | 31278 | 1.79 | cps |
| Barium | 137-1 | 53718 | 54651 | 54276 | 54215 | 0.87 | cps |
| Beryllium | 9-1 | 1303 | 1490 | 1383 | 1392 | 6.73 | cps |
| Bismuth | 209-1 | 10315967 | 10287059 | 10247891 | 10283639 | 0.33 | cps |
| Bismuth | 209-2 | 8209897 | 8246734 | 8166483 | 8207705 | 0.49 | cps |
| Bromine | 81-1 | 13466 | 14010 | 13403 | 13626 | 2.45 | cps |
| Bromine | 81-2 | 120 | 147 | 127 | 131 | 10.59 | cps |
| Cadmium | 108-1 | 430 | 393 | 383 | 402 | 6.11 | cps |
| Cadmium | 106-1 | 86171 | 82985 | 83076 | 84077 | 2.16 | cps |
| Cadmium | 111-1 | 3397 | 3470 | 3501 | 3456 | 1.54 | cps |
| Calcium | 43-1 | 15795 | 16062 | 15888 | 15915 | 0.85 | cps |
| Calcium | 44-1 | 269125 | 271274 | 271134 | 270511 | 0.44 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 13570 | 13733 | 13072 | 13458 | 2.56 | cps |
| Cobalt | 59-2 | 8266 | 8352 | 8422 | 8347 | 0.94 | cps |
| Copper | 63-2 | 14187 | 14090 | 14157 | 14145 | 0.35 | cps |
| Dysprosium | 156-1 | 23 | 20 | 20 | 21 | 9.11 | cps |
| Dysprosium | 156-2 | 17 | 13 | 13 | 14 | 13.35 | cps |
| Erbium | 164-1 | 73 | 113 | 73 | 87 | 26.65 | cps |
| Erbium | 164-2 | 50 | 40 | 70 | 53 | 28.64 | cps |
| Gadolinium | 160-1 | 307 | 273 | 310 | 297 | 6.83 | cps |
| Gadolinium | 160-2 | 853 | 867 | 870 | 863 | 1.02 | cps |
| Holmium | 165-1 | 16148210 | 15984287 | 16059796 | 16064098 | 0.51 | cps |
| Holmium | 165-2 | 11313757 | 11338672 | 11111956 | 11254795 | 1.10 | cps |
| Indium | 115-1 | 12524774 | 12447060 | 12349307 | 12440380 | 0.71 | cps |
| Indium | 115-2 | 4915826 | 4949683 | 4845579 | 4903696 | 1.08 | cps |
| Iron | 56-2 | 260803 | 263474 | 259452 | 261243 | 0.78 | cps |
| Iron | 57-2 | 8336 | 8516 | 8576 | 8476 | 1.47 | cps |
| Iron | 54-2 | 16072 | 16276 | 16159 | 16169 | 0.63 | cps |
| Krypton | 83-1 | 160 | 170 | 207 | 179 | 13.74 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:50:53 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9940 | 10567 | 10955 | 10487 | 4.88 | cps |
| Lead | 207-1 | 8549 | 9273 | 8966 | 8930 | 4.07 | cps |
| Lead | 208-1 | 40471 | 42273 | 42333 | 41692 | 2.54 | cps |
| Lithium | 6-1 | 1464914 | 1484885 | 1472253 | 1474018 | 0.69 | cps |
| Magnesium | 24-2 | 214001 | 214217 | 213294 | 213837 | 0.23 | cps |
| Manganese | 55-2 | 4271 | 4291 | 4611 | 4391 | 4.35 | cps |
| Molybdenum | 94-1 | 24417 | 24577 | 24688 | 24561 | 0.55 | cps |
| Molybdenum | 95-1 | 29313 | 29640 | 29710 | 29554 | 0.72 | cps |
| Molybdenum | 96-1 | 32870 | 32844 | 33766 | 33160 | 1.58 | cps |
| Molybdenum | 97-1 | 18562 | 19293 | 18722 | 18859 | 2.04 | cps |
| Molybdenum | 98-1 | 48259 | 48764 | 48290 | 48438 | 0.58 | cps |
| Neodymium | 150-1 | 10 | 17 | 7 | 11 | 45.82 | cps |
| Neodymium | 150-2 | 7 | 0 | 3 | 3 | 100.05 | cps |
| Nickel | 60-2 | 2937 | 3000 | 3010 | 2983 | 1.33 | cps |
| Phosphorus | 31-2 | 773 | 867 | 707 | 782 | 10.27 | cps |
| Potassium | 39-2 | 344172 | 344441 | 347092 | 345235 | 0.47 | cps |
| Rhodium | 103-1 | 11633879 | 11366247 | 11339754 | 11446627 | 1.42 | cps |
| Rhodium | 103-2 | 7093864 | 7036001 | 6875271 | 7001712 | 1.62 | cps |
| Scandium | 45-1 | 6458464 | 6354214 | 6387357 | 6400012 | 0.83 | cps |
| Scandium | 45-2 | 595669 | 594602 | 583741 | 591338 | 1.12 | cps |
| Selenium | 82-1 | 1445 | 1489 | 1540 | 1492 | 3.20 | cps |
| Selenium | 77-2 | 127 | 87 | 113 | 109 | 18.70 | cps |
| Selenium | 78-2 | 713 | 907 | 800 | 807 | 12.00 | cps |
| Silicon | 28-1 | 1553069 | 1592611 | 1558096 | 1567925 | 1.37 | cps |
| Silver | 107-1 | 14804 | 15135 | 15285 | 15075 | 1.63 | cps |
| Silver | 109-1 | 13974 | 14367 | 14471 | 14270 | 1.84 | cps |
| Sodium | 23-2 | 364603 | 362987 | 363526 | 363705 | 0.23 | cps |
| Strontium | 86-1 | 4254 | 3911 | 4121 | 4095 | 4.23 | cps |
| Strontium | 88-1 | 33147 | 32456 | 33047 | 32883 | 1.14 | cps |
| Sulfur | 34-1 | 176587 | 175687 | 174237 | 175504 | 0.68 | cps |
| Terbium | 159-1 | 16576936 | 16270233 | 16243945 | 16363705 | 1.13 | cps |
| Terbium | 159-2 | 11330643 | 11148768 | 10900705 | 11126705 | 1.94 | cps |
| Thallium | 203-1 | 12953 | 12819 | 12970 | 12914 | 0.64 | cps |
| Thallium | 205-1 | 29956 | 30775 | 29833 | 30188 | 1.70 | cps |
| Tin | 118-1 | 51103 | 52532 | 51649 | 51761 | 1.39 | cps |
| Titanium | 47-1 | 7115 | 7002 | 7065 | 7061 | 0.80 | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:50:53 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 36630 | 37439 | 36911 | 36994 | 1.11 | cps |
| Vanadium | 51-2 | 21906 | 22013 | 21769 | 21896 | 0.56 | cps |
| Yttrium | 89-1 | 18731601 | 18416826 | 18476083 | 18541503 | 0.90 | cps |
| Yttrium | 89-2 | 5413258 | 5424311 | 5337764 | 5391778 | 0.87 | cps |
| Zinc | 66-2 | 5121 | 5034 | 5158 | 5104 | 1.24 | cps |
| Zirconium | 90-1 | 21269 | 21713 | 21977 | 21653 | 1.65 | cps |
| Zirconium | 91-1 | 4437 | 4741 | 4441 | 4540 | 3.84 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:54:07 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 225902 | 224072 | 222475 | 224150 | 0.76 | cps |
| Antimony | 121-1 | 568723 | 572919 | 570572 | 570738 | 0.37 | cps |
| Arsenic | 75-2 | 30608 | 29900 | 30201 | 30236 | 1.18 | cps |
| Barium | 135-1 | 725227 | 731381 | 729745 | 728785 | 0.44 | cps |
| Barium | 137-1 | 1267315 | 1281135 | 1274857 | 1274436 | 0.54 | cps |
| Beryllium | 9-1 | 64342 | 63937 | 63998 | 64092 | 0.34 | cps |
| Bismuth | 209-1 | 10574827 | 10583693 | 10495408 | 10551309 | 0.46 | cps |
| Bismuth | 209-2 | 8341283 | 8432731 | 8286776 | 8353597 | 0.88 | cps |
| Bromine | 81-1 | 13900 | 13516 | 13606 | 13674 | 1.47 | cps |
| Bromine | 81-2 | 190 | 150 | 133 | 158 | 18.46 | cps |
| Cadmium | 108-1 | 11548 | 11815 | 11902 | 11755 | 1.57 | cps |
| Cadmium | 106-1 | 100763 | 98998 | 98813 | 99525 | 1.08 | cps |
| Cadmium | 111-1 | 138525 | 138925 | 138231 | 138560 | 0.25 | cps |
| Calcium | 43-1 | 142535 | 144181 | 139468 | 142061 | 1.68 | cps |
| Calcium | 44-1 | 2290565 | 2247231 | 2226483 | 2254760 | 1.45 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 230891 | 231393 | 227883 | 230056 | 0.83 | cps |
| Cobalt | 59-2 | 355674 | 355941 | 354896 | 355504 | 0.15 | cps |
| Copper | 63-2 | 2655836 | 2635362 | 2689307 | 2660169 | 1.02 | cps |
| Dysprosium | 156-1 | 83 | 63 | 73 | 73 | 13.64 | cps |
| Dysprosium | 156-2 | 67 | 60 | 97 | 74 | 26.24 | cps |
| Erbium | 164-1 | 103 | 120 | 80 | 101 | 19.87 | cps |
| Erbium | 164-2 | 80 | 27 | 57 | 54 | 49.10 | cps |
| Gadolinium | 160-1 | 277 | 263 | 313 | 284 | 9.10 | cps |
| Gadolinium | 160-2 | 860 | 883 | 873 | 872 | 1.34 | cps |
| Holmium | 165-1 | 16299570 | 16170933 | 16208506 | 16226336 | 0.41 | cps |
| Holmium | 165-2 | 11330284 | 11440011 | 11347003 | 11372433 | 0.52 | cps |
| Indium | 115-1 | 12576891 | 12342065 | 12324390 | 12414449 | 1.14 | cps |
| Indium | 115-2 | 4884636 | 4851330 | 4790814 | 4842260 | 0.98 | cps |
| Iron | 56-2 | 10675807 | 10613459 | 10525702 | 10604989 | 0.71 | cps |
| Iron | 57-2 | 274128 | 273551 | 272856 | 273512 | 0.23 | cps |
| Iron | 54-2 | 608738 | 605172 | 602123 | 605345 | 0.55 | cps |
| Krypton | 83-1 | 227 | 220 | 190 | 212 | 9.20 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:54:07 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2505833 | 2514134 | 2529324 | 2516430 | 0.47 | cps |
| Lead | 207-1 | 2196385 | 2222117 | 2210296 | 2209600 | 0.58 | cps |
| Lead | 208-1 | 10005517 | 10090812 | 10102140 | 10066156 | 0.52 | cps |
| Lithium | 6-1 | 1521666 | 1510642 | 1518645 | 1516984 | 0.38 | cps |
| Magnesium | 24-2 | 1931871 | 1884868 | 1886364 | 1901034 | 1.41 | cps |
| Manganese | 55-2 | 1799836 | 1783296 | 1786220 | 1789784 | 0.49 | cps |
| Molybdenum | 94-1 | 1969760 | 1995103 | 1950877 | 1971913 | 1.13 | cps |
| Molybdenum | 95-1 | 2859399 | 2819146 | 2828308 | 2835617 | 0.74 | cps |
| Molybdenum | 96-1 | 3098060 | 3071030 | 3051894 | 3073661 | 0.75 | cps |
| Molybdenum | 97-1 | 1775273 | 1769171 | 1764166 | 1769537 | 0.31 | cps |
| Molybdenum | 98-1 | 4608734 | 4579285 | 4541914 | 4576644 | 0.73 | cps |
| Neodymium | 150-1 | 43 | 47 | 53 | 48 | 10.66 | cps |
| Neodymium | 150-2 | 10 | 27 | 17 | 18 | 47.19 | cps |
| Nickel | 60-2 | 91621 | 91071 | 90447 | 91046 | 0.65 | cps |
| Phosphorus | 31-2 | 11988 | 11855 | 11941 | 11928 | 0.57 | cps |
| Potassium | 39-2 | 1396171 | 1355825 | 1371636 | 1374544 | 1.48 | cps |
| Rhodium | 103-1 | 11409742 | 11192850 | 11291014 | 11297869 | 0.96 | cps |
| Rhodium | 103-2 | 6991805 | 6891939 | 6825707 | 6903150 | 1.21 | cps |
| Scandium | 45-1 | 6447757 | 6272204 | 6270368 | 6330110 | 1.61 | cps |
| Scandium | 45-2 | 584429 | 576276 | 579809 | 580171 | 0.70 | cps |
| Selenium | 82-1 | 9218 | 8967 | 9297 | 9161 | 1.88 | cps |
| Selenium | 77-2 | 1083 | 993 | 1053 | 1043 | 4.39 | cps |
| Selenium | 78-2 | 3594 | 3711 | 3690 | 3665 | 1.70 | cps |
| Silicon | 28-1 | 2557224 | 2567117 | 2541772 | 2555371 | 0.50 | cps |
| Silver | 107-1 | 732337 | 739588 | 739868 | 737264 | 0.58 | cps |
| Silver | 109-1 | 696114 | 706825 | 704987 | 702642 | 0.82 | cps |
| Sodium | 23-2 | 3314917 | 3282683 | 3279069 | 3292223 | 0.60 | cps |
| Strontium | 86-1 | 172825 | 173614 | 173921 | 173453 | 0.33 | cps |
| Strontium | 88-1 | 1548481 | 1553245 | 1526191 | 1542639 | 0.94 | cps |
| Sulfur | 34-1 | 210830 | 208084 | 209482 | 209465 | 0.66 | cps |
| Terbium | 159-1 | 16737742 | 16398254 | 16503124 | 16546374 | 1.05 | cps |
| Terbium | 159-2 | 11125522 | 11087368 | 11211127 | 11141339 | 0.57 | cps |
| Thallium | 203-1 | 600308 | 604145 | 607602 | 604018 | 0.60 | cps |
| Thallium | 205-1 | 1430978 | 1433880 | 1441519 | 1435459 | 0.38 | cps |
| Tin | 118-1 | 473152 | 474400 | 474945 | 474166 | 0.19 | cps |
| Titanium | 47-1 | 654634 | 653102 | 652431 | 653389 | 0.17 | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:54:07 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1884075 | 1905627 | 1945374 | 1911692 | 1.63 | cps |
| Vanadium | 51-2 | 196381 | 196898 | 198896 | 197391 | 0.67 | cps |
| Yttrium | 89-1 | 18772878 | 18528641 | 18445354 | 18582291 | 0.92 | cps |
| Yttrium | 89-2 | 5399711 | 5315968 | 5319065 | 5344915 | 0.89 | cps |
| Zinc | 66-2 | 434916 | 436355 | 430912 | 434061 | 0.65 | cps |
| Zirconium | 90-1 | 932088 | 928197 | 927360 | 929215 | 0.27 | cps |
| Zirconium | 91-1 | 208834 | 209466 | 206952 | 208417 | 0.63 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:57:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 541776 | 532241 | 529942 | 534653 | 1.17 | cps |
| Antimony | 121-1 | 1420160 | 1418087 | 1412136 | 1416794 | 0.29 | cps |
| Arsenic | 75-2 | 72888 | 73990 | 72338 | 73072 | 1.15 | cps |
| Barium | 135-1 | 1876032 | 1857193 | 1866292 | 1866506 | 0.50 | cps |
| Barium | 137-1 | 3264302 | 3289083 | 3256490 | 3269958 | 0.52 | cps |
| Beryllium | 9-1 | 160304 | 161661 | 162375 | 161446 | 0.65 | cps |
| Bismuth | 209-1 | 10778493 | 10546127 | 10572829 | 10632483 | 1.20 | cps |
| Bismuth | 209-2 | 8251646 | 8247691 | 8463491 | 8320943 | 1.48 | cps |
| Bromine | 81-1 | 12796 | 12622 | 12639 | 12686 | 0.75 | cps |
| Bromine | 81-2 | 137 | 127 | 80 | 114 | 26.43 | cps |
| Cadmium | 108-1 | 29106 | 28431 | 28197 | 28578 | 1.65 | cps |
| Cadmium | 106-1 | 121395 | 119768 | 119489 | 120218 | 0.86 | cps |
| Cadmium | 111-1 | 340532 | 342186 | 346881 | 343200 | 0.96 | cps |
| Calcium | 43-1 | 340906 | 342171 | 340388 | 341155 | 0.27 | cps |
| Calcium | 44-1 | 5337646 | 5441117 | 5317667 | 5365477 | 1.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 547047 | 547125 | 544186 | 546119 | 0.31 | cps |
| Cobalt | 59-2 | 851494 | 854622 | 850764 | 852293 | 0.24 | cps |
| Copper | 63-2 | 6418165 | 6290186 | 6281700 | 6330017 | 1.21 | cps |
| Dysprosium | 156-1 | 173 | 190 | 150 | 171 | 11.74 | cps |
| Dysprosium | 156-2 | 133 | 173 | 173 | 160 | 14.43 | cps |
| Erbium | 164-1 | 133 | 110 | 97 | 113 | 16.38 | cps |
| Erbium | 164-2 | 47 | 63 | 70 | 60 | 20.03 | cps |
| Gadolinium | 160-1 | 313 | 313 | 267 | 298 | 9.05 | cps |
| Gadolinium | 160-2 | 790 | 880 | 850 | 840 | 5.46 | cps |
| Holmium | 165-1 | 16613824 | 16160067 | 16171086 | 16314992 | 1.59 | cps |
| Holmium | 165-2 | 11283809 | 11416297 | 11487573 | 11395893 | 0.91 | cps |
| Indium | 115-1 | 12447618 | 12236676 | 12090830 | 12258375 | 1.46 | cps |
| Indium | 115-2 | 4740347 | 4669025 | 4684567 | 4697980 | 0.80 | cps |
| Iron | 56-2 | 25683192 | 25519088 | 25318933 | 25507071 | 0.72 | cps |
| Iron | 57-2 | 658309 | 654798 | 652973 | 655360 | 0.41 | cps |
| Iron | 54-2 | 1437352 | 1409528 | 1405061 | 1417314 | 1.23 | cps |
| Krypton | 83-1 | 180 | 183 | 167 | 177 | 4.99 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:57:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6217966 | 6373484 | 6341253 | 6310901 | 1.30 | cps |
| Lead | 207-1 | 5506181 | 5645037 | 5606042 | 5585753 | 1.28 | cps |
| Lead | 208-1 | 25097034 | 25528295 | 25588835 | 25404721 | 1.06 | cps |
| Lithium | 6-1 | 1544112 | 1542516 | 1557998 | 1548209 | 0.55 | cps |
| Magnesium | 24-2 | 4596009 | 4561017 | 4576073 | 4577700 | 0.38 | cps |
| Manganese | 55-2 | 4316520 | 4310422 | 4311289 | 4312743 | 0.08 | cps |
| Molybdenum | 94-1 | 4834973 | 4829406 | 4763196 | 4809192 | 0.83 | cps |
| Molybdenum | 95-1 | 6922939 | 6949540 | 6898453 | 6923644 | 0.37 | cps |
| Molybdenum | 96-1 | 7471021 | 7579816 | 7476273 | 7509037 | 0.82 | cps |
| Molybdenum | 97-1 | 4332325 | 4363705 | 4325612 | 4340547 | 0.47 | cps |
| Molybdenum | 98-1 | 11136911 | 11267808 | 11081364 | 11162027 | 0.86 | cps |
| Neodymium | 150-1 | 100 | 127 | 130 | 119 | 13.83 | cps |
| Neodymium | 150-2 | 43 | 30 | 27 | 33 | 26.45 | cps |
| Nickel | 60-2 | 215993 | 217031 | 215907 | 216310 | 0.29 | cps |
| Phosphorus | 31-2 | 28049 | 28610 | 27338 | 27999 | 2.28 | cps |
| Potassium | 39-2 | 3191190 | 3181634 | 3155545 | 3176123 | 0.58 | cps |
| Rhodium | 103-1 | 11375546 | 11076720 | 10904094 | 11118787 | 2.15 | cps |
| Rhodium | 103-2 | 6761018 | 6712612 | 6757281 | 6743637 | 0.40 | cps |
| Scandium | 45-1 | 6128644 | 6067417 | 5964989 | 6053684 | 1.37 | cps |
| Scandium | 45-2 | 554766 | 552239 | 548197 | 551734 | 0.60 | cps |
| Selenium | 82-1 | 21787 | 21800 | 21635 | 21740 | 0.42 | cps |
| Selenium | 77-2 | 2417 | 2390 | 2537 | 2448 | 3.19 | cps |
| Selenium | 78-2 | 8669 | 8382 | 8376 | 8476 | 1.98 | cps |
| Silicon | 28-1 | 4010839 | 4019398 | 3923221 | 3984486 | 1.34 | cps |
| Silver | 107-1 | 1809951 | 1818879 | 1806693 | 1811841 | 0.35 | cps |
| Silver | 109-1 | 1731080 | 1749734 | 1736035 | 1738949 | 0.56 | cps |
| Sodium | 23-2 | 7871897 | 8020859 | 7950041 | 7947599 | 0.94 | cps |
| Strontium | 86-1 | 423229 | 425800 | 427044 | 425358 | 0.46 | cps |
| Strontium | 88-1 | 3773184 | 3787275 | 3825019 | 3795159 | 0.71 | cps |
| Sulfur | 34-1 | 253963 | 251955 | 250746 | 252221 | 0.64 | cps |
| Terbium | 159-1 | 16756595 | 16412731 | 16453290 | 16540872 | 1.14 | cps |
| Terbium | 159-2 | 11271852 | 11241564 | 11210695 | 11241370 | 0.27 | cps |
| Thallium | 203-1 | 1514996 | 1525383 | 1526245 | 1522208 | 0.41 | cps |
| Thallium | 205-1 | 3756372 | 3834828 | 3825796 | 3805665 | 1.13 | cps |
| Tin | 118-1 | 1159502 | 1167471 | 1161568 | 1162847 | 0.36 | cps |
| Titanium | 47-1 | 1598961 | 1593928 | 1572703 | 1588531 | 0.88 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:57:08 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4814897 | 4975401 | 4902581 | 4897627 | 1.64 | cps |
| Vanadium | 51-2 | 475487 | 471794 | 470415 | 472565 | 0.56 | cps |
| Yttrium | 89-1 | 18219017 | 18081673 | 17965228 | 18088639 | 0.70 | cps |
| Yttrium | 89-2 | 5179618 | 5163235 | 5206549 | 5183134 | 0.42 | cps |
| Zinc | 66-2 | 1049044 | 1047560 | 1048377 | 1048327 | 0.07 | cps |
| Zirconium | 90-1 | 2309274 | 2346205 | 2299149 | 2318210 | 1.07 | cps |
| Zirconium | 91-1 | 510502 | 508331 | 508966 | 509266 | 0.22 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:59:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1006297 | 1010465 | 1009032 | 1008598 | 0.21 | cps |
| Antimony | 121-1 | 2790199 | 2851751 | 2867198 | 2836383 | 1.44 | cps |
| Arsenic | 75-2 | 138906 | 137456 | 138788 | 138383 | 0.58 | cps |
| Barium | 135-1 | 3583810 | 3688906 | 3708271 | 3660329 | 1.83 | cps |
| Barium | 137-1 | 6265771 | 6398450 | 6302087 | 6322103 | 1.08 | cps |
| Beryllium | 9-1 | 306524 | 311745 | 314623 | 310964 | 1.32 | cps |
| Bismuth | 209-1 | 10590560 | 10497240 | 10594140 | 10560647 | 0.52 | cps |
| Bismuth | 209-2 | 8262281 | 8206317 | 8128022 | 8198873 | 0.82 | cps |
| Bromine | 81-1 | 12302 | 11878 | 11695 | 11958 | 2.60 | cps |
| Bromine | 81-2 | 127 | 123 | 113 | 121 | 5.73 | cps |
| Cadmium | 108-1 | 53726 | 55429 | 55014 | 54723 | 1.62 | cps |
| Cadmium | 106-1 | 151319 | 152881 | 152770 | 152323 | 0.57 | cps |
| Cadmium | 111-1 | 648486 | 664100 | 660633 | 657740 | 1.25 | cps |
| Calcium | 43-1 | 638077 | 654404 | 642109 | 644863 | 1.32 | cps |
| Calcium | 44-1 | 10096919 | 10305672 | 10071957 | 10158183 | 1.26 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1027314 | 1024969 | 1021391 | 1024558 | 0.29 | cps |
| Cobalt | 59-2 | 1620054 | 1617164 | 1629676 | 1622298 | 0.40 | cps |
| Copper | 63-2 | 12009631 | 11954763 | 11795333 | 11919909 | 0.93 | cps |
| Dysprosium | 156-1 | 397 | 283 | 363 | 348 | 16.75 | cps |
| Dysprosium | 156-2 | 253 | 347 | 293 | 298 | 15.73 | cps |
| Erbium | 164-1 | 123 | 110 | 147 | 127 | 14.65 | cps |
| Erbium | 164-2 | 103 | 57 | 60 | 73 | 35.50 | cps |
| Gadolinium | 160-1 | 297 | 300 | 280 | 292 | 3.67 | cps |
| Gadolinium | 160-2 | 820 | 820 | 763 | 801 | 4.08 | cps |
| Holmium | 165-1 | 16157379 | 15998146 | 15919625 | 16025050 | 0.76 | cps |
| Holmium | 165-2 | 11366657 | 11248543 | 11237943 | 11284381 | 0.63 | cps |
| Indium | 115-1 | 11840658 | 11761176 | 11730921 | 11777585 | 0.48 | cps |
| Indium | 115-2 | 4539645 | 4505863 | 4448641 | 4498050 | 1.02 | cps |
| Iron | 56-2 | 48489481 | 48013758 | 48375301 | 48292847 | 0.51 | cps |
| Iron | 57-2 | 1236643 | 1233538 | 1241262 | 1237148 | 0.31 | cps |
| Iron | 54-2 | 2719278 | 2697630 | 2682402 | 2699770 | 0.69 | cps |
| Krypton | 83-1 | 193 | 160 | 140 | 164 | 16.39 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:59:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 12423711 | 12626585 | 12845732 | 12632010 | 1.67 | cps |
| Lead | 207-1 | 11020169 | 11242306 | 11343384 | 11201953 | 1.48 | cps |
| Lead | 208-1 | 50056090 | 51188988 | 51240747 | 50828608 | 1.32 | cps |
| Lithium | 6-1 | 1554141 | 1548977 | 1554751 | 1552623 | 0.20 | cps |
| Magnesium | 24-2 | 8707337 | 8670015 | 8665565 | 8680972 | 0.26 | cps |
| Manganese | 55-2 | 8307187 | 8194375 | 8225437 | 8242333 | 0.71 | cps |
| Molybdenum | 94-1 | 9206458 | 9362222 | 9263413 | 9277364 | 0.85 | cps |
| Molybdenum | 95-1 | 13286701 | 13498771 | 13372994 | 13386155 | 0.80 | cps |
| Molybdenum | 96-1 | 14417285 | 14708697 | 14525112 | 14550365 | 1.01 | cps |
| Molybdenum | 97-1 | 8230749 | 8448618 | 8390454 | 8356607 | 1.35 | cps |
| Molybdenum | 98-1 | 21356197 | 21841394 | 21692452 | 21630014 | 1.15 | cps |
| Neodymium | 150-1 | 203 | 237 | 233 | 224 | 8.18 | cps |
| Neodymium | 150-2 | 67 | 63 | 40 | 57 | 25.64 | cps |
| Nickel | 60-2 | 403387 | 401377 | 402112 | 402292 | 0.25 | cps |
| Phosphorus | 31-2 | 52329 | 51342 | 51817 | 51830 | 0.95 | cps |
| Potassium | 39-2 | 5885488 | 5904357 | 5909040 | 5899629 | 0.21 | cps |
| Rhodium | 103-1 | 10628375 | 10567230 | 10402711 | 10532772 | 1.11 | cps |
| Rhodium | 103-2 | 6523231 | 6439488 | 6445822 | 6469514 | 0.72 | cps |
| Scandium | 45-1 | 5728727 | 5663268 | 5594291 | 5662095 | 1.19 | cps |
| Scandium | 45-2 | 522743 | 520850 | 523070 | 522221 | 0.23 | cps |
| Selenium | 82-1 | 40733 | 40728 | 40664 | 40709 | 0.09 | cps |
| Selenium | 77-2 | 4554 | 4254 | 4517 | 4442 | 3.69 | cps |
| Selenium | 78-2 | 15809 | 15675 | 15445 | 15643 | 1.18 | cps |
| Silicon | 28-1 | 6141666 | 6186088 | 6127241 | 6151665 | 0.50 | cps |
| Silver | 107-1 | 3468819 | 3499387 | 3537250 | 3501819 | 0.98 | cps |
| Silver | 109-1 | 3303411 | 3402297 | 3391191 | 3365633 | 1.61 | cps |
| Sodium | 23-2 | 15130669 | 14962891 | 15096065 | 15063208 | 0.59 | cps |
| Strontium | 86-1 | 806579 | 820713 | 819386 | 815559 | 0.96 | cps |
| Strontium | 88-1 | 7240610 | 7402053 | 7277699 | 7306787 | 1.16 | cps |
| Sulfur | 34-1 | 317659 | 319840 | 315931 | 317810 | 0.62 | cps |
| Terbium | 159-1 | 16423866 | 16346411 | 16464706 | 16411661 | 0.37 | cps |
| Terbium | 159-2 | 11003585 | 10919051 | 11089959 | 11004198 | 0.78 | cps |
| Thallium | 203-1 | 3151040 | 3207575 | 3174675 | 3177763 | 0.89 | cps |
| Thallium | 205-1 | 7526344 | 7716846 | 7688620 | 7643937 | 1.35 | cps |
| Tin | 118-1 | 2256839 | 2316720 | 2320858 | 2298139 | 1.56 | cps |
| Titanium | 47-1 | 2991432 | 3047523 | 2992834 | 3010596 | 1.06 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 19:59:58 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 9804525 | 9950905 | 9987398 | 9914276 | 0.98 | cps |
| Vanadium | 51-2 | 893657 | 894088 | 891087 | 892944 | 0.18 | cps |
| Yttrium | 89-1 | 17444378 | 17413372 | 17253808 | 17370520 | 0.59 | cps |
| Yttrium | 89-2 | 5049365 | 4961008 | 4939865 | 4983413 | 1.17 | cps |
| Zinc | 66-2 | 1998709 | 1988436 | 1998227 | 1995124 | 0.29 | cps |
| Zirconium | 90-1 | 4415025 | 4516626 | 4457324 | 4462992 | 1.14 | cps |
| Zirconium | 91-1 | 962298 | 995160 | 984517 | 980658 | 1.71 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:02:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2026794 | 1996589 | 2017330 | 2013571 | 0.77 | cps |
| Antimony | 121-1 | 5481395 | 5458734 | 5521506 | 5487212 | 0.58 | cps |
| Arsenic | 75-2 | 267613 | 264514 | 264092 | 265406 | 0.72 | cps |
| Barium | 135-1 | 7019575 | 7018672 | 7063684 | 7033977 | 0.37 | cps |
| Barium | 137-1 | 12425911 | 12422596 | 12407874 | 12418794 | 0.08 | cps |
| Beryllium | 9-1 | 599739 | 597285 | 594855 | 597293 | 0.41 | cps |
| Bismuth | 209-1 | 10320150 | 10343522 | 10295821 | 10319831 | 0.23 | cps |
| Bismuth | 209-2 | 8083256 | 7990205 | 8050061 | 8041174 | 0.59 | cps |
| Bromine | 81-1 | 11261 | 10967 | 11151 | 11127 | 1.33 | cps |
| Bromine | 81-2 | 150 | 100 | 110 | 120 | 22.05 | cps |
| Cadmium | 108-1 | 106433 | 107518 | 105016 | 106323 | 1.18 | cps |
| Cadmium | 106-1 | 218986 | 220985 | 219723 | 219898 | 0.46 | cps |
| Cadmium | 111-1 | 1272871 | 1277322 | 1262922 | 1271039 | 0.58 | cps |
| Calcium | 43-1 | 1181494 | 1184690 | 1198268 | 1188151 | 0.75 | cps |
| Calcium | 44-1 | 19448521 | 19384074 | 19377712 | 19403436 | 0.20 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2000026 | 1987281 | 1979373 | 1988893 | 0.52 | cps |
| Cobalt | 59-2 | 3130820 | 3082554 | 3057097 | 3090157 | 1.21 | cps |
| Copper | 63-2 | 22647889 | 22480619 | 22309829 | 22479445 | 0.75 | cps |
| Dysprosium | 156-1 | 680 | 710 | 640 | 677 | 5.19 | cps |
| Dysprosium | 156-2 | 560 | 617 | 537 | 571 | 7.20 | cps |
| Erbium | 164-1 | 140 | 170 | 150 | 153 | 9.96 | cps |
| Erbium | 164-2 | 70 | 90 | 97 | 86 | 16.22 | cps |
| Gadolinium | 160-1 | 250 | 330 | 353 | 311 | 17.42 | cps |
| Gadolinium | 160-2 | 820 | 823 | 923 | 856 | 6.86 | cps |
| Holmium | 165-1 | 16003808 | 15900544 | 15894691 | 15933014 | 0.39 | cps |
| Holmium | 165-2 | 11151988 | 11050764 | 11054214 | 11085656 | 0.52 | cps |
| Indium | 115-1 | 11383194 | 11309257 | 11409987 | 11367480 | 0.46 | cps |
| Indium | 115-2 | 4428409 | 4368263 | 4342949 | 4379874 | 1.00 | cps |
| Iron | 56-2 | 93206745 | 92527362 | 92241375 | 92658494 | 0.54 | cps |
| Iron | 57-2 | 2343311 | 2334571 | 2352251 | 2343378 | 0.38 | cps |
| Iron | 54-2 | 5124392 | 5151624 | 5162516 | 5146178 | 0.38 | cps |
| Krypton | 83-1 | 163 | 187 | 173 | 174 | 6.71 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:02:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 24956109 | 25272578 | 25058527 | 25095738 | 0.64 | cps |
| Lead | 207-1 | 22056394 | 22165385 | 22087981 | 22103253 | 0.25 | cps |
| Lead | 208-1 | 100193914 | 100900810 | 100517969 | 100537564 | 0.35 | cps |
| Lithium | 6-1 | 1530934 | 1559412 | 1597982 | 1562776 | 2.15 | cps |
| Magnesium | 24-2 | 16654167 | 16685711 | 16683564 | 16674480 | 0.11 | cps |
| Manganese | 55-2 | 15811644 | 15693724 | 15650791 | 15718720 | 0.53 | cps |
| Molybdenum | 94-1 | 18166636 | 17996785 | 18018561 | 18060661 | 0.51 | cps |
| Molybdenum | 95-1 | 25842211 | 25964219 | 25937240 | 25914557 | 0.25 | cps |
| Molybdenum | 96-1 | 28212179 | 28269145 | 28126082 | 28202469 | 0.26 | cps |
| Molybdenum | 97-1 | 16168479 | 16384904 | 16254888 | 16269423 | 0.67 | cps |
| Molybdenum | 98-1 | 42002525 | 42506722 | 41847998 | 42119082 | 0.82 | cps |
| Neodymium | 150-1 | 460 | 493 | 423 | 459 | 7.63 | cps |
| Neodymium | 150-2 | 123 | 117 | 97 | 112 | 12.37 | cps |
| Nickel | 60-2 | 759879 | 755697 | 759542 | 758373 | 0.31 | cps |
| Phosphorus | 31-2 | 97843 | 97099 | 97343 | 97428 | 0.39 | cps |
| Potassium | 39-2 | 11210459 | 11139573 | 11177635 | 11175889 | 0.32 | cps |
| Rhodium | 103-1 | 10074584 | 10242806 | 10006247 | 10107879 | 1.20 | cps |
| Rhodium | 103-2 | 6290426 | 6244950 | 6215176 | 6250184 | 0.61 | cps |
| Scandium | 45-1 | 5436479 | 5423866 | 5416691 | 5425679 | 0.18 | cps |
| Scandium | 45-2 | 502542 | 501830 | 503715 | 502696 | 0.19 | cps |
| Selenium | 82-1 | 77466 | 76673 | 77250 | 77129 | 0.53 | cps |
| Selenium | 77-2 | 8669 | 8726 | 8793 | 8729 | 0.71 | cps |
| Selenium | 78-2 | 29596 | 29312 | 29810 | 29573 | 0.84 | cps |
| Silicon | 28-1 | 10516295 | 10409452 | 10334513 | 10420087 | 0.88 | cps |
| Silver | 107-1 | 6744398 | 6669113 | 6679062 | 6697524 | 0.61 | cps |
| Silver | 109-1 | 6422373 | 6465634 | 6380201 | 6422736 | 0.67 | cps |
| Sodium | 23-2 | 29125941 | 28755980 | 28822584 | 28901502 | 0.68 | cps |
| Strontium | 86-1 | 1608018 | 1614669 | 1600665 | 1607784 | 0.44 | cps |
| Strontium | 88-1 | 14182306 | 14192656 | 14036179 | 14137047 | 0.62 | cps |
| Sulfur | 34-1 | 458341 | 455456 | 450285 | 454694 | 0.90 | cps |
| Terbium | 159-1 | 16155486 | 16325268 | 16250273 | 16243676 | 0.52 | cps |
| Terbium | 159-2 | 10907427 | 10971852 | 10952136 | 10943805 | 0.30 | cps |
| Thallium | 203-1 | 6335273 | 6277864 | 6295063 | 6302733 | 0.47 | cps |
| Thallium | 205-1 | 15124124 | 15219344 | 15064906 | 15136125 | 0.51 | cps |
| Tin | 118-1 | 4485039 | 4540605 | 4507061 | 4510902 | 0.62 | cps |
| Titanium | 47-1 | 5765667 | 5733520 | 5713699 | 5737629 | 0.46 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:02:46 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20009848 | 20247963 | 20014371 | 20090727 | 0.68 | cps |
| Vanadium | 51-2 | 1749595 | 1747473 | 1737771 | 1744946 | 0.36 | cps |
| Yttrium | 89-1 | 16580308 | 16838074 | 16730041 | 16716141 | 0.77 | cps |
| Yttrium | 89-2 | 4768302 | 4797662 | 4822131 | 4796032 | 0.56 | cps |
| Zinc | 66-2 | 3847709 | 3842978 | 3806350 | 3832346 | 0.59 | cps |
| Zirconium | 90-1 | 8729864 | 8653687 | 8600588 | 8661380 | 0.75 | cps |
| Zirconium | 91-1 | 1945591 | 1944035 | 1932144 | 1940590 | 0.38 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:05:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3983360 | 4026883 | 4009711 | 4006652 | 0.55 | cps |
| Antimony | 121-1 | 10904024 | 10951769 | 10954829 | 10936874 | 0.26 | cps |
| Arsenic | 75-2 | 531338 | 529920 | 527712 | 529657 | 0.34 | cps |
| Barium | 135-1 | 14124881 | 14340435 | 14134462 | 14199926 | 0.86 | cps |
| Barium | 137-1 | 24523250 | 24966777 | 24813095 | 24767707 | 0.91 | cps |
| Beryllium | 9-1 | 1220963 | 1219384 | 1204047 | 1214798 | 0.77 | cps |
| Bismuth | 209-1 | 10131157 | 10339984 | 10097816 | 10189652 | 1.29 | cps |
| Bismuth | 209-2 | 7962109 | 7882358 | 7944357 | 7929608 | 0.53 | cps |
| Bromine | 81-1 | 11268 | 11808 | 11081 | 11386 | 3.32 | cps |
| Bromine | 81-2 | 150 | 93 | 103 | 116 | 26.18 | cps |
| Cadmium | 108-1 | 205238 | 206640 | 205745 | 205874 | 0.34 | cps |
| Cadmium | 106-1 | 354212 | 357034 | 357282 | 356176 | 0.48 | cps |
| Cadmium | 111-1 | 2473029 | 2526823 | 2504887 | 2501580 | 1.08 | cps |
| Calcium | 43-1 | 2337951 | 2335965 | 2377151 | 2350356 | 0.99 | cps |
| Calcium | 44-1 | 38126589 | 38243917 | 38552197 | 38307567 | 0.57 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3995525 | 3999991 | 3962756 | 3986091 | 0.51 | cps |
| Cobalt | 59-2 | 6155400 | 6159876 | 6125285 | 6146853 | 0.31 | cps |
| Copper | 63-2 | 44511421 | 44563723 | 44071148 | 44382097 | 0.61 | cps |
| Dysprosium | 156-1 | 1343 | 1170 | 1197 | 1237 | 7.55 | cps |
| Dysprosium | 156-2 | 1067 | 1133 | 1167 | 1122 | 4.54 | cps |
| Erbium | 164-1 | 203 | 210 | 267 | 227 | 15.35 | cps |
| Erbium | 164-2 | 120 | 180 | 137 | 146 | 21.28 | cps |
| Gadolinium | 160-1 | 460 | 380 | 363 | 401 | 12.88 | cps |
| Gadolinium | 160-2 | 947 | 963 | 940 | 950 | 1.27 | cps |
| Holmium | 165-1 | 16082500 | 15975270 | 16015569 | 16024446 | 0.34 | cps |
| Holmium | 165-2 | 11194194 | 11155477 | 11201628 | 11183766 | 0.22 | cps |
| Indium | 115-1 | 11191461 | 11167139 | 11160681 | 11173094 | 0.15 | cps |
| Indium | 115-2 | 4313108 | 4294124 | 4289063 | 4298765 | 0.29 | cps |
| Iron | 56-2 | 186439331 | 184337517 | 183533924 | 184770257 | 0.81 | cps |
| Iron | 57-2 | 4633996 | 4622143 | 4614384 | 4623508 | 0.21 | cps |
| Iron | 54-2 | 10183004 | 10299520 | 10232948 | 10238491 | 0.57 | cps |
| Krypton | 83-1 | 157 | 210 | 170 | 179 | 15.51 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:05:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 49371419 | 49806978 | 49557814 | 49578737 | 0.44 | cps |
| Lead | 207-1 | 43606974 | 43571511 | 43665489 | 43614658 | 0.11 | cps |
| Lead | 208-1 | 197122962 | 198750870 | 198185949 | 198019927 | 0.42 | cps |
| Lithium | 6-1 | 1530666 | 1555469 | 1485850 | 1523995 | 2.32 | cps |
| Magnesium | 24-2 | 33169400 | 33164542 | 33017816 | 33117253 | 0.26 | cps |
| Manganese | 55-2 | 31527795 | 31600040 | 31366214 | 31498016 | 0.38 | cps |
| Molybdenum | 94-1 | 35652251 | 35816601 | 35812439 | 35760431 | 0.26 | cps |
| Molybdenum | 95-1 | 51393009 | 51737561 | 51517081 | 51549217 | 0.34 | cps |
| Molybdenum | 96-1 | 56130909 | 56149623 | 55808439 | 56029657 | 0.34 | cps |
| Molybdenum | 97-1 | 32027706 | 32076268 | 31962991 | 32022322 | 0.18 | cps |
| Molybdenum | 98-1 | 82790854 | 83522517 | 83106640 | 83140004 | 0.44 | cps |
| Neodymium | 150-1 | 797 | 840 | 867 | 834 | 4.23 | cps |
| Neodymium | 150-2 | 207 | 213 | 220 | 213 | 3.12 | cps |
| Nickel | 60-2 | 1545355 | 1555703 | 1547970 | 1549676 | 0.35 | cps |
| Phosphorus | 31-2 | 194276 | 192430 | 192320 | 193008 | 0.57 | cps |
| Potassium | 39-2 | 22376757 | 22491603 | 22220204 | 22362855 | 0.61 | cps |
| Rhodium | 103-1 | 9949173 | 9885028 | 9832498 | 9888900 | 0.59 | cps |
| Rhodium | 103-2 | 6203070 | 6074991 | 6090378 | 6122813 | 1.14 | cps |
| Scandium | 45-1 | 5430061 | 5394143 | 5381390 | 5401864 | 0.47 | cps |
| Scandium | 45-2 | 502306 | 509711 | 502143 | 504720 | 0.86 | cps |
| Selenium | 82-1 | 148974 | 149701 | 149818 | 149498 | 0.31 | cps |
| Selenium | 77-2 | 16870 | 16986 | 17173 | 17010 | 0.90 | cps |
| Selenium | 78-2 | 58264 | 56039 | 57341 | 57214 | 1.95 | cps |
| Silicon | 28-1 | 22511868 | 22447287 | 22310050 | 22423068 | 0.46 | cps |
| Silver | 107-1 | 12818346 | 13087794 | 12929264 | 12945135 | 1.05 | cps |
| Silver | 109-1 | 12468881 | 12554092 | 12476033 | 12499668 | 0.38 | cps |
| Sodium | 23-2 | 58133097 | 57861662 | 57507802 | 57834187 | 0.54 | cps |
| Strontium | 86-1 | 3191461 | 3206726 | 3168043 | 3188743 | 0.61 | cps |
| Strontium | 88-1 | 27991552 | 28084872 | 27906839 | 27994421 | 0.32 | cps |
| Sulfur | 34-1 | 761917 | 765353 | 757415 | 761562 | 0.52 | cps |
| Terbium | 159-1 | 16213451 | 16048514 | 16071422 | 16111129 | 0.55 | cps |
| Terbium | 159-2 | 11068215 | 10869141 | 10999698 | 10979018 | 0.92 | cps |
| Thallium | 203-1 | 12560704 | 12420857 | 12490176 | 12490579 | 0.56 | cps |
| Thallium | 205-1 | 30029478 | 30072520 | 29922462 | 30008153 | 0.26 | cps |
| Tin | 118-1 | 8821150 | 9022028 | 8986129 | 8943103 | 1.20 | cps |
| Titanium | 47-1 | 11259819 | 11297677 | 11353555 | 11303684 | 0.42 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:05:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39847534 | 40221521 | 40200266 | 40089774 | 0.52 | cps |
| Vanadium | 51-2 | 3503777 | 3596216 | 3498942 | 3532978 | 1.55 | cps |
| Yttrium | 89-1 | 16727564 | 16781344 | 16615178 | 16708028 | 0.51 | cps |
| Yttrium | 89-2 | 4760559 | 4830185 | 4769851 | 4786865 | 0.79 | cps |
| Zinc | 66-2 | 7513262 | 7463371 | 7439784 | 7472139 | 0.50 | cps |
| Zirconium | 90-1 | 17111886 | 17308386 | 17234637 | 17218303 | 0.58 | cps |
| Zirconium | 91-1 | 3830201 | 3828771 | 3822937 | 3827303 | 0.10 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:08:15 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21395621 | 21602313 | 21452530 | 21483488 | 0.50 | cps |
| Antimony | 121-1 | 6582 | 5981 | 5291 | 5951 | 10.85 | cps |
| Arsenic | 75-2 | 420 | 283 | 287 | 330 | 23.62 | cps |
| Barium | 135-1 | 6321 | 6405 | 6402 | 6376 | 0.74 | cps |
| Barium | 137-1 | 11365 | 11345 | 10771 | 11160 | 3.02 | cps |
| Beryllium | 9-1 | 307 | 337 | 310 | 318 | 5.17 | cps |
| Bismuth | 209-1 | 8881916 | 8910824 | 8877941 | 8890227 | 0.20 | cps |
| Bismuth | 209-2 | 7041449 | 7028920 | 7069129 | 7046499 | 0.29 | cps |
| Bromine | 81-1 | 12065 | 12222 | 12005 | 12097 | 0.93 | cps |
| Bromine | 81-2 | 120 | 127 | 153 | 133 | 13.23 | cps |
| Cadmium | 108-1 | 247 | 213 | 217 | 226 | 8.14 | cps |
| Cadmium | 106-1 | 71750 | 72419 | 71953 | 72041 | 0.48 | cps |
| Cadmium | 111-1 | 843 | 796 | 758 | 799 | 5.31 | cps |
| Calcium | 43-1 | 11679746 | 11925781 | 11991470 | 11865666 | 1.38 | cps |
| Calcium | 44-1 | 191586030 | 194528170 | 194910624 | 193674942 | 0.94 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8963 | 8220 | 7149 | 8110 | 11.24 | cps |
| Cobalt | 59-2 | 18501 | 18261 | 18531 | 18431 | 0.80 | cps |
| Copper | 63-2 | 13746 | 13950 | 13566 | 13754 | 1.40 | cps |
| Dysprosium | 156-1 | 460 | 487 | 547 | 498 | 8.92 | cps |
| Dysprosium | 156-2 | 447 | 377 | 387 | 403 | 9.39 | cps |
| Erbium | 164-1 | 497 | 530 | 513 | 513 | 3.25 | cps |
| Erbium | 164-2 | 307 | 397 | 370 | 358 | 12.92 | cps |
| Gadolinium | 160-1 | 750 | 583 | 697 | 677 | 12.58 | cps |
| Gadolinium | 160-2 | 997 | 1077 | 1127 | 1067 | 6.15 | cps |
| Holmium | 165-1 | 15132533 | 15311134 | 15411253 | 15284974 | 0.92 | cps |
| Holmium | 165-2 | 10826698 | 10622113 | 10746289 | 10731700 | 0.96 | cps |
| Indium | 115-1 | 10510173 | 10754652 | 10681226 | 10648684 | 1.18 | cps |
| Indium | 115-2 | 4263537 | 4262813 | 4154086 | 4226812 | 1.49 | cps |
| Iron | 56-2 | 916310973 | 910527933 | 913250786 | 913363231 | 0.32 | cps |
| Iron | 57-2 | 23310546 | 23133670 | 23206598 | 23216938 | 0.38 | cps |
| Iron | 54-2 | 50049874 | 50273869 | 49825629 | 50049791 | 0.45 | cps |
| Krypton | 83-1 | 133 | 203 | 213 | 183 | 23.77 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:08:15 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 15582 | 15155 | 14498 | 15078 | 3.62 | cps |
| Lead | 207-1 | 14154 | 12636 | 12563 | 13118 | 6.85 | cps |
| Lead | 208-1 | 62760 | 59040 | 57180 | 59660 | 4.76 | cps |
| Lithium | 6-1 | 1440369 | 1467250 | 1473775 | 1460465 | 1.21 | cps |
| Magnesium | 24-2 | 172976784 | 174430057 | 172964591 | 173457144 | 0.49 | cps |
| Manganese | 55-2 | 17093 | 18034 | 17023 | 17384 | 3.25 | cps |
| Molybdenum | 94-1 | 10434 | 10230 | 9523 | 10062 | 4.75 | cps |
| Molybdenum | 95-1 | 10200 | 9777 | 9376 | 9784 | 4.21 | cps |
| Molybdenum | 96-1 | 19857 | 19183 | 18982 | 19341 | 2.37 | cps |
| Molybdenum | 97-1 | 6508 | 5855 | 5845 | 6069 | 6.27 | cps |
| Molybdenum | 98-1 | 16273 | 14707 | 13957 | 14979 | 7.89 | cps |
| Neodymium | 150-1 | 230 | 227 | 217 | 224 | 3.09 | cps |
| Neodymium | 150-2 | 123 | 120 | 150 | 131 | 12.54 | cps |
| Nickel | 60-2 | 8119 | 8099 | 7999 | 8072 | 0.80 | cps |
| Phosphorus | 31-2 | 403 | 393 | 433 | 410 | 5.08 | cps |
| Potassium | 39-2 | 116587338 | 116483048 | 116999585 | 116689990 | 0.23 | cps |
| Rhodium | 103-1 | 8970565 | 9049921 | 9155595 | 9058694 | 1.02 | cps |
| Rhodium | 103-2 | 5727091 | 5747163 | 5685370 | 5719875 | 0.55 | cps |
| Scandium | 45-1 | 5324535 | 5511244 | 5521404 | 5452394 | 2.03 | cps |
| Scandium | 45-2 | 520565 | 520134 | 521927 | 520875 | 0.18 | cps |
| Selenium | 82-1 | 632 | 584 | 632 | 616 | 4.49 | cps |
| Selenium | 77-2 | 7 | 10 | 3 | 7 | 50.03 | cps |
| Selenium | 78-2 | 317 | 370 | 333 | 340 | 8.03 | cps |
| Silicon | 28-1 | 811459 | 813404 | 809110 | 811324 | 0.27 | cps |
| Silver | 107-1 | 3340 | 3020 | 2914 | 3091 | 7.18 | cps |
| Silver | 109-1 | 3127 | 2600 | 2634 | 2787 | 10.58 | cps |
| Sodium | 23-2 | 291878316 | 294185656 | 294647822 | 293570598 | 0.51 | cps |
| Strontium | 86-1 | 9523 | 9120 | 9800 | 9481 | 3.61 | cps |
| Strontium | 88-1 | 83569 | 83435 | 82436 | 83147 | 0.74 | cps |
| Sulfur | 34-1 | 137223 | 138844 | 142951 | 139673 | 2.11 | cps |
| Terbium | 159-1 | 15447199 | 15442787 | 15521237 | 15470408 | 0.28 | cps |
| Terbium | 159-2 | 10557706 | 10489808 | 10414306 | 10487274 | 0.68 | cps |
| Thallium | 203-1 | 2507 | 2200 | 1853 | 2187 | 14.95 | cps |
| Thallium | 205-1 | 5531 | 5018 | 4561 | 5037 | 9.64 | cps |
| Tin | 118-1 | 3534 | 3254 | 3034 | 3274 | 7.66 | cps |
| Titanium | 47-1 | 2017 | 1897 | 1947 | 1953 | 3.09 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:08:15 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 5585 | 4721 | 4334 | 4880 | 13.12 | cps |
| Vanadium | 51-2 | 870 | 877 | 833 | 860 | 2.71 | cps |
| Yttrium | 89-1 | 16211882 | 16411402 | 16192026 | 16271770 | 0.75 | cps |
| Yttrium | 89-2 | 4830462 | 4840765 | 4796211 | 4822479 | 0.48 | cps |
| Zinc | 66-2 | 11374 | 11051 | 11001 | 11142 | 1.82 | cps |
| Zirconium | 90-1 | 12065 | 11905 | 11882 | 11951 | 0.84 | cps |
| Zirconium | 91-1 | 2740 | 2370 | 2434 | 2515 | 7.87 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:17:57 | DataFile Name : | 013ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 104476 | 104892 | 104617 | 104661 | 0.20 | cps |
| Antimony | 121-1 | 2238191 | 2299187 | 2309716 | 2282365 | 1.69 | cps |
| Arsenic | 75-2 | 117417 | 118058 | 117141 | 117539 | 0.40 | cps |
| Barium | 135-1 | 283891 | 292354 | 292992 | 289746 | 1.75 | cps |
| Barium | 137-1 | 497416 | 507754 | 508570 | 504580 | 1.23 | cps |
| Beryllium | 9-1 | 128761 | 132331 | 130526 | 130539 | 1.37 | cps |
| Bismuth | 209-1 | 10843219 | 10636202 | 10516574 | 10665331 | 1.55 | cps |
| Bismuth | 209-2 | 8347859 | 8385675 | 8363011 | 8365515 | 0.23 | cps |
| Bromine | 81-1 | 11898 | 11651 | 11671 | 11740 | 1.17 | cps |
| Bromine | 81-2 | 90 | 73 | 50 | 71 | 28.26 | cps |
| Cadmium | 108-1 | 24838 | 24868 | 25108 | 24938 | 0.59 | cps |
| Cadmium | 106-1 | 104066 | 102323 | 102149 | 102846 | 1.03 | cps |
| Cadmium | 111-1 | 276290 | 282609 | 280922 | 279940 | 1.17 | cps |
| Calcium | 43-1 | 51818 | 52450 | 51815 | 52028 | 0.70 | cps |
| Calcium | 44-1 | 840978 | 858083 | 852796 | 850619 | 1.03 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 440944 | 437731 | 439429 | 439368 | 0.37 | cps |
| Cobalt | 59-2 | 685365 | 677933 | 677571 | 680290 | 0.65 | cps |
| Copper | 63-2 | 473415 | 469909 | 471105 | 471476 | 0.38 | cps |
| Dysprosium | 156-1 | 40 | 27 | 43 | 37 | 24.04 | cps |
| Dysprosium | 156-2 | 23 | 37 | 33 | 31 | 22.31 | cps |
| Erbium | 164-1 | 87 | 57 | 107 | 83 | 30.20 | cps |
| Erbium | 164-2 | 47 | 43 | 50 | 47 | 7.15 | cps |
| Gadolinium | 160-1 | 253 | 267 | 227 | 249 | 8.18 | cps |
| Gadolinium | 160-2 | 817 | 753 | 820 | 797 | 4.72 | cps |
| Holmium | 165-1 | 16391339 | 16071176 | 16009012 | 16157176 | 1.27 | cps |
| Holmium | 165-2 | 11343438 | 11240479 | 11170460 | 11251459 | 0.77 | cps |
| Indium | 115-1 | 12237378 | 11954660 | 11992996 | 12061678 | 1.27 | cps |
| Indium | 115-2 | 4610671 | 4658113 | 4608191 | 4625659 | 0.61 | cps |
| Iron | 56-2 | 8094681 | 8033759 | 8039417 | 8055952 | 0.42 | cps |
| Iron | 57-2 | 206116 | 205360 | 206597 | 206024 | 0.30 | cps |
| Iron | 54-2 | 466846 | 464097 | 465189 | 465377 | 0.30 | cps |
| Krypton | 83-1 | 170 | 187 | 207 | 188 | 9.78 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:17:57 | DataFile Name : | 013ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2048065 | 2116092 | 2103789 | 2089315 | 1.73 | cps |
| Lead | 207-1 | 1635543 | 1665967 | 1681371 | 1660960 | 1.40 | cps |
| Lead | 208-1 | 7992006 | 8137353 | 8155097 | 8094819 | 1.11 | cps |
| Lithium | 6-1 | 1632021 | 1643881 | 1626942 | 1634281 | 0.53 | cps |
| Magnesium | 24-2 | 415470 | 413608 | 415378 | 414819 | 0.25 | cps |
| Manganese | 55-2 | 349927 | 345853 | 345370 | 347050 | 0.72 | cps |
| Molybdenum | 94-1 | 15038191 | 15267478 | 15133360 | 15146343 | 0.76 | cps |
| Molybdenum | 95-1 | 26534410 | 26729140 | 26709717 | 26657756 | 0.40 | cps |
| Molybdenum | 96-1 | 28221173 | 28550200 | 28511550 | 28427641 | 0.63 | cps |
| Molybdenum | 97-1 | 16466734 | 16953941 | 16783469 | 16734714 | 1.48 | cps |
| Molybdenum | 98-1 | 42776403 | 43613589 | 42954698 | 43114897 | 1.02 | cps |
| Neodymium | 150-1 | 33 | 20 | 10 | 21 | 55.45 | cps |
| Neodymium | 150-2 | 10 | 0 | 13 | 8 | 89.21 | cps |
| Nickel | 60-2 | 175575 | 174183 | 175470 | 175076 | 0.44 | cps |
| Phosphorus | 31-2 | 310 | 320 | 273 | 301 | 8.16 | cps |
| Potassium | 39-2 | 1006688 | 1007475 | 1012407 | 1008857 | 0.31 | cps |
| Rhodium | 103-1 | 11002592 | 10903024 | 10699239 | 10868285 | 1.42 | cps |
| Rhodium | 103-2 | 6643344 | 6647783 | 6646783 | 6645970 | 0.04 | cps |
| Scandium | 45-1 | 6001804 | 5809588 | 5722140 | 5844511 | 2.45 | cps |
| Scandium | 45-2 | 537223 | 529366 | 531379 | 532656 | 0.77 | cps |
| Selenium | 82-1 | 34182 | 34616 | 34373 | 34390 | 0.63 | cps |
| Selenium | 77-2 | 4004 | 4157 | 4101 | 4087 | 1.90 | cps |
| Selenium | 78-2 | 13316 | 13256 | 13650 | 13407 | 1.58 | cps |
| Silicon | 28-1 | 826963 | 806334 | 795723 | 809673 | 1.96 | cps |
| Silver | 107-1 | 658666 | 673335 | 674018 | 668673 | 1.30 | cps |
| Silver | 109-1 | 625820 | 645818 | 639882 | 637174 | 1.61 | cps |
| Sodium | 23-2 | 1263640 | 1275700 | 1267203 | 1268848 | 0.49 | cps |
| Strontium | 86-1 | 1077 | 1060 | 1027 | 1054 | 2.41 | cps |
| Strontium | 88-1 | 7735 | 8022 | 7916 | 7891 | 1.84 | cps |
| Sulfur | 34-1 | 150637 | 148194 | 144751 | 147861 | 2.00 | cps |
| Terbium | 159-1 | 16538800 | 16370558 | 16280147 | 16396502 | 0.80 | cps |
| Terbium | 159-2 | 11173160 | 11197326 | 11050321 | 11140269 | 0.71 | cps |
| Thallium | 203-1 | 2576513 | 2616931 | 2588915 | 2594120 | 0.80 | cps |
| Thallium | 205-1 | 6085814 | 6274220 | 6227700 | 6195911 | 1.58 | cps |
| Tin | 118-1 | 2544 | 2524 | 2660 | 2576 | 2.87 | cps |
| Titanium | 47-1 | 467 | 473 | 547 | 496 | 8.96 | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICV001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:17:57 | DataFile Name : | 013ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 203 | 163 | 170 | 179 | 11.98 | cps |
| Vanadium | 51-2 | 367346 | 366830 | 367273 | 367149 | 0.08 | cps |
| Yttrium | 89-1 | 17874426 | 17517623 | 17330591 | 17574213 | 1.57 | cps |
| Yttrium | 89-2 | 5034432 | 5055723 | 5053375 | 5047844 | 0.23 | cps |
| Zinc | 66-2 | 168924 | 167572 | 166339 | 167612 | 0.77 | cps |
| Zirconium | 90-1 | 2067 | 1980 | 2110 | 2052 | 3.23 | cps |
| Zirconium | 91-1 | 403 | 393 | 417 | 404 | 2.90 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:24:23 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 110 | 93 | 103 | 102 | 8.21 | cps |
| Antimony | 121-1 | 347 | 327 | 413 | 362 | 12.53 | cps |
| Arsenic | 75-2 | 40 | 10 | 10 | 20 | 86.60 | cps |
| Barium | 135-1 | 53 | 63 | 63 | 60 | 9.62 | cps |
| Barium | 137-1 | 83 | 120 | 133 | 112 | 23.08 | cps |
| Beryllium | 9-1 | 93 | 63 | 93 | 83 | 20.79 | cps |
| Bismuth | 209-1 | 10465772 | 10402150 | 10423794 | 10430572 | 0.31 | cps |
| Bismuth | 209-2 | 8090831 | 8116493 | 8067439 | 8091588 | 0.30 | cps |
| Bromine | 81-1 | 12459 | 13216 | 12859 | 12845 | 2.95 | cps |
| Bromine | 81-2 | 207 | 177 | 200 | 194 | 8.10 | cps |
| Cadmium | 108-1 | 177 | 190 | 137 | 168 | 16.54 | cps |
| Cadmium | 106-1 | 76574 | 77445 | 75625 | 76548 | 1.19 | cps |
| Cadmium | 111-1 | 306 | 291 | 359 | 319 | 11.26 | cps |
| Calcium | 43-1 | 440 | 483 | 440 | 454 | 5.51 | cps |
| Calcium | 44-1 | 17143 | 18048 | 17921 | 17704 | 2.77 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3204 | 3110 | 3040 | 3118 | 2.63 | cps |
| Cobalt | 59-2 | 207 | 313 | 253 | 258 | 20.74 | cps |
| Copper | 63-2 | 3260 | 3177 | 3070 | 3169 | 3.01 | cps |
| Dysprosium | 156-1 | 3 | 10 | 7 | 7 | 50.03 | cps |
| Dysprosium | 156-2 | 0 | 3 | 10 | 4 | 114.60 | cps |
| Erbium | 164-1 | 100 | 53 | 97 | 83 | 31.24 | cps |
| Erbium | 164-2 | 63 | 33 | 60 | 52 | 31.49 | cps |
| Gadolinium | 160-1 | 277 | 263 | 277 | 272 | 2.83 | cps |
| Gadolinium | 160-2 | 757 | 757 | 827 | 780 | 5.18 | cps |
| Holmium | 165-1 | 16076361 | 15933236 | 15900315 | 15969971 | 0.59 | cps |
| Holmium | 165-2 | 11090758 | 11061306 | 11164074 | 11105379 | 0.48 | cps |
| Indium | 115-1 | 12058105 | 11963996 | 11956750 | 11992950 | 0.47 | cps |
| Indium | 115-2 | 4702628 | 4658905 | 4615821 | 4659118 | 0.93 | cps |
| Iron | 56-2 | 24493 | 23582 | 24119 | 24065 | 1.90 | cps |
| Iron | 57-2 | 1717 | 1597 | 1603 | 1639 | 4.12 | cps |
| Iron | 54-2 | 2980 | 2670 | 2800 | 2817 | 5.53 | cps |
| Krypton | 83-1 | 170 | 183 | 160 | 171 | 6.84 | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:24:23 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 547 | 550 | 567 | 554 | 1.93 | cps |
| Lead | 207-1 | 520 | 537 | 503 | 520 | 3.20 | cps |
| Lead | 208-1 | 2347 | 2247 | 2440 | 2345 | 4.12 | cps |
| Lithium | 6-1 | 1606586 | 1557441 | 1544059 | 1569362 | 2.10 | cps |
| Magnesium | 24-2 | 800 | 790 | 713 | 768 | 6.18 | cps |
| Manganese | 55-2 | 457 | 413 | 413 | 428 | 5.85 | cps |
| Molybdenum | 94-1 | 917 | 863 | 997 | 926 | 7.25 | cps |
| Molybdenum | 95-1 | 1200 | 1410 | 1380 | 1330 | 8.54 | cps |
| Molybdenum | 96-1 | 1477 | 1440 | 1453 | 1457 | 1.27 | cps |
| Molybdenum | 97-1 | 837 | 783 | 783 | 801 | 3.84 | cps |
| Molybdenum | 98-1 | 2024 | 2107 | 2194 | 2108 | 4.03 | cps |
| Neodymium | 150-1 | 20 | 10 | 13 | 14 | 35.26 | cps |
| Neodymium | 150-2 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Nickel | 60-2 | 840 | 1007 | 833 | 893 | 10.99 | cps |
| Phosphorus | 31-2 | 313 | 370 | 340 | 341 | 8.31 | cps |
| Potassium | 39-2 | 49373 | 49597 | 49457 | 49476 | 0.23 | cps |
| Rhodium | 103-1 | 10862846 | 10993434 | 10926201 | 10927494 | 0.60 | cps |
| Rhodium | 103-2 | 6724648 | 6700453 | 6741877 | 6722326 | 0.31 | cps |
| Scandium | 45-1 | 5898128 | 5824022 | 5849906 | 5857352 | 0.64 | cps |
| Scandium | 45-2 | 546753 | 541142 | 541105 | 543000 | 0.60 | cps |
| Selenium | 82-1 | 541 | 469 | 524 | 511 | 7.42 | cps |
| Selenium | 77-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Selenium | 78-2 | 323 | 360 | 283 | 322 | 11.90 | cps |
| Silicon | 28-1 | 847789 | 1166403 | 1183209 | 1065800 | 17.73 | cps |
| Silver | 107-1 | 307 | 287 | 337 | 310 | 8.12 | cps |
| Silver | 109-1 | 173 | 183 | 140 | 166 | 13.71 | cps |
| Sodium | 23-2 | 30594 | 31288 | 31121 | 31001 | 1.17 | cps |
| Strontium | 86-1 | 330 | 367 | 330 | 342 | 6.19 | cps |
| Strontium | 88-1 | 213 | 213 | 217 | 214 | 0.90 | cps |
| Sulfur | 34-1 | 155606 | 155816 | 158149 | 156524 | 0.90 | cps |
| Terbium | 159-1 | 16439958 | 16304256 | 16157308 | 16300507 | 0.87 | cps |
| Terbium | 159-2 | 11125823 | 10831212 | 11058995 | 11005343 | 1.40 | cps |
| Thallium | 203-1 | 440 | 383 | 340 | 388 | 12.93 | cps |
| Thallium | 205-1 | 940 | 953 | 1057 | 983 | 6.49 | cps |
| Tin | 118-1 | 1284 | 1007 | 1137 | 1142 | 12.12 | cps |
| Titanium | 47-1 | 73 | 100 | 93 | 89 | 15.61 | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:24:23 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 47 | 73 | 53 | 58 | 24.02 | cps |
| Vanadium | 51-2 | 20 | 23 | 10 | 18 | 39.03 | cps |
| Yttrium | 89-1 | 17678019 | 17631933 | 17480781 | 17596911 | 0.59 | cps |
| Yttrium | 89-2 | 5108378 | 5093984 | 5114932 | 5105765 | 0.21 | cps |
| Zinc | 66-2 | 333 | 310 | 317 | 320 | 3.76 | cps |
| Zirconium | 90-1 | 1660 | 1723 | 1623 | 1669 | 3.03 | cps |
| Zirconium | 91-1 | 147 | 190 | 110 | 149 | 26.90 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:36:10 | DataFile Name : | 017ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19410252 | 19171148 | 19139922 | 19240441 | 0.77 | cps |
| Antimony | 121-1 | 12182 | 12612 | 12015 | 12270 | 2.51 | cps |
| Arsenic | 75-2 | 223 | 220 | 187 | 210 | 9.66 | cps |
| Barium | 135-1 | 3937 | 3597 | 3941 | 3825 | 5.16 | cps |
| Barium | 137-1 | 6938 | 6948 | 6798 | 6895 | 1.22 | cps |
| Beryllium | 9-1 | 433 | 410 | 357 | 400 | 9.83 | cps |
| Bismuth | 209-1 | 9977169 | 10152822 | 10129180 | 10086390 | 0.95 | cps |
| Bismuth | 209-2 | 7875489 | 7872264 | 7921068 | 7889607 | 0.35 | cps |
| Bromine | 81-1 | 13997 | 14541 | 13873 | 14137 | 2.51 | cps |
| Bromine | 81-2 | 380 | 340 | 387 | 369 | 6.84 | cps |
| Cadmium | 108-1 | 1980 | 1957 | 2040 | 1992 | 2.16 | cps |
| Cadmium | 106-1 | 74011 | 73166 | 73216 | 73464 | 0.64 | cps |
| Cadmium | 111-1 | 1414 | 1276 | 1272 | 1321 | 6.14 | cps |
| Calcium | 43-1 | 2433250 | 2425105 | 2439045 | 2432467 | 0.29 | cps |
| Calcium | 44-1 | 39604874 | 39515428 | 39430269 | 39516857 | 0.22 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 84395 | 84260 | 82956 | 83870 | 0.95 | cps |
| Cobalt | 59-2 | 8306 | 8382 | 8402 | 8364 | 0.61 | cps |
| Copper | 63-2 | 36939 | 37617 | 36925 | 37161 | 1.06 | cps |
| Dysprosium | 156-1 | 57 | 60 | 53 | 57 | 5.89 | cps |
| Dysprosium | 156-2 | 57 | 47 | 43 | 49 | 14.20 | cps |
| Erbium | 164-1 | 110 | 107 | 157 | 124 | 22.46 | cps |
| Erbium | 164-2 | 93 | 57 | 123 | 91 | 36.65 | cps |
| Gadolinium | 160-1 | 267 | 297 | 323 | 296 | 9.59 | cps |
| Gadolinium | 160-2 | 907 | 833 | 810 | 850 | 5.93 | cps |
| Holmium | 165-1 | 16104556 | 16344959 | 16414349 | 16287954 | 1.00 | cps |
| Holmium | 165-2 | 11413094 | 11372242 | 11379314 | 11388217 | 0.19 | cps |
| Indium | 115-1 | 11511799 | 11520331 | 11519440 | 11517190 | 0.04 | cps |
| Indium | 115-2 | 4459160 | 4478269 | 4525098 | 4487509 | 0.76 | cps |
| Iron | 56-2 | 382046341 | 380008514 | 378611981 | 380222279 | 0.45 | cps |
| Iron | 57-2 | 9517614 | 9462688 | 9508537 | 9496280 | 0.31 | cps |
| Iron | 54-2 | 20978316 | 20917692 | 20785446 | 20893818 | 0.47 | cps |
| Krypton | 83-1 | 163 | 220 | 123 | 169 | 28.76 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:36:10 | DataFile Name : | 017ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 48446 | 47887 | 46054 | 47463 | 2.64 | cps |
| Lead | 207-1 | 38642 | 38163 | 36817 | 37874 | 2.50 | cps |
| Lead | 208-1 | 181472 | 179684 | 174377 | 178511 | 2.07 | cps |
| Lithium | 6-1 | 1508520 | 1535102 | 1493382 | 1512335 | 1.40 | cps |
| Magnesium | 24-2 | 34072240 | 33467015 | 33508617 | 33682624 | 1.00 | cps |
| Manganese | 55-2 | 26039 | 26463 | 26283 | 26262 | 0.81 | cps |
| Molybdenum | 94-1 | 5905289 | 5833920 | 5928305 | 5889171 | 0.84 | cps |
| Molybdenum | 95-1 | 10440594 | 10382442 | 10395292 | 10406109 | 0.29 | cps |
| Molybdenum | 96-1 | 11125284 | 11032868 | 11056682 | 11071612 | 0.43 | cps |
| Molybdenum | 97-1 | 6517829 | 6430845 | 6521948 | 6490207 | 0.79 | cps |
| Molybdenum | 98-1 | 16719820 | 16967333 | 16759739 | 16815630 | 0.79 | cps |
| Neodymium | 150-1 | 70 | 77 | 40 | 62 | 31.39 | cps |
| Neodymium | 150-2 | 37 | 30 | 30 | 32 | 11.95 | cps |
| Nickel | 60-2 | 9783 | 9336 | 9173 | 9431 | 3.35 | cps |
| Phosphorus | 31-2 | 1016499 | 1018053 | 1006376 | 1013643 | 0.63 | cps |
| Potassium | 39-2 | 45878438 | 45417484 | 45370476 | 45555466 | 0.62 | cps |
| Rhodium | 103-1 | 10102165 | 10140536 | 10225436 | 10156046 | 0.62 | cps |
| Rhodium | 103-2 | 6311673 | 6277461 | 6299673 | 6296269 | 0.28 | cps |
| Scandium | 45-1 | 5657424 | 5690076 | 5676917 | 5674806 | 0.29 | cps |
| Scandium | 45-2 | 529736 | 528588 | 530155 | 529493 | 0.15 | cps |
| Selenium | 82-1 | 487 | 352 | 495 | 445 | 18.15 | cps |
| Selenium | 77-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Selenium | 78-2 | 333 | 270 | 357 | 320 | 14.01 | cps |
| Silicon | 28-1 | 1192818 | 843547 | 833837 | 956734 | 21.38 | cps |
| Silver | 107-1 | 507 | 487 | 527 | 507 | 3.95 | cps |
| Silver | 109-1 | 390 | 453 | 480 | 441 | 10.48 | cps |
| Sodium | 23-2 | 59088324 | 58252861 | 58135967 | 58492384 | 0.89 | cps |
| Strontium | 86-1 | 110360 | 111075 | 112029 | 111154 | 0.75 | cps |
| Strontium | 88-1 | 963533 | 975493 | 974619 | 971215 | 0.69 | cps |
| Sulfur | 34-1 | 3636645 | 3555884 | 3580678 | 3591069 | 1.15 | cps |
| Terbium | 159-1 | 16204870 | 16457421 | 16416656 | 16359649 | 0.83 | cps |
| Terbium | 159-2 | 11264979 | 11030042 | 11122124 | 11139048 | 1.06 | cps |
| Thallium | 203-1 | 1470 | 1453 | 1447 | 1457 | 0.83 | cps |
| Thallium | 205-1 | 3561 | 3490 | 3457 | 3503 | 1.51 | cps |
| Tin | 118-1 | 2460 | 2554 | 2474 | 2496 | 2.02 | cps |
| Titanium | 47-1 | 2427177 | 2420759 | 2371992 | 2406643 | 1.25 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSA001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:36:10 | DataFile Name : | 017ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 623 | 640 | 700 | 654 | 6.16 | cps |
| Vanadium | 51-2 | 727 | 730 | 763 | 740 | 2.74 | cps |
| Yttrium | 89-1 | 17075742 | 17404781 | 17368493 | 17283005 | 1.04 | cps |
| Yttrium | 89-2 | 5050262 | 5072905 | 5036063 | 5053077 | 0.37 | cps |
| Zinc | 66-2 | 8863 | 9166 | 9133 | 9054 | 1.84 | cps |
| Zirconium | 90-1 | 1947 | 1937 | 1750 | 1878 | 5.90 | cps |
| Zirconium | 91-1 | 220 | 227 | 180 | 209 | 12.08 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:39:12 | DataFile Name : | 018ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19518897 | 19628168 | 19520490 | 19555852 | 0.32 | cps |
| Antimony | 121-1 | 235301 | 235524 | 234055 | 234960 | 0.34 | cps |
| Arsenic | 75-2 | 11638 | 11281 | 11438 | 11452 | 1.56 | cps |
| Barium | 135-1 | 62074 | 61489 | 61445 | 61669 | 0.57 | cps |
| Barium | 137-1 | 107281 | 107304 | 106058 | 106881 | 0.67 | cps |
| Beryllium | 9-1 | 23878 | 24152 | 23394 | 23808 | 1.61 | cps |
| Bismuth | 209-1 | 10245893 | 10171886 | 10285728 | 10234502 | 0.56 | cps |
| Bismuth | 209-2 | 8041507 | 7996033 | 7957822 | 7998454 | 0.52 | cps |
| Bromine | 81-1 | 14094 | 14457 | 14374 | 14308 | 1.33 | cps |
| Bromine | 81-2 | 447 | 423 | 383 | 418 | 7.67 | cps |
| Cadmium | 108-1 | 5695 | 5574 | 5534 | 5601 | 1.49 | cps |
| Cadmium | 106-1 | 80431 | 81245 | 79264 | 80314 | 1.24 | cps |
| Cadmium | 111-1 | 52645 | 52786 | 52858 | 52763 | 0.21 | cps |
| Calcium | 43-1 | 2471829 | 2452377 | 2442138 | 2455448 | 0.61 | cps |
| Calcium | 44-1 | 40943824 | 40512952 | 40390706 | 40615827 | 0.72 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 168476 | 167226 | 169043 | 168248 | 0.55 | cps |
| Cobalt | 59-2 | 136198 | 136252 | 135044 | 135831 | 0.50 | cps |
| Copper | 63-2 | 126492 | 123784 | 126150 | 125475 | 1.18 | cps |
| Dysprosium | 156-1 | 50 | 93 | 77 | 73 | 29.80 | cps |
| Dysprosium | 156-2 | 90 | 50 | 57 | 66 | 32.69 | cps |
| Erbium | 164-1 | 97 | 147 | 120 | 121 | 20.66 | cps |
| Erbium | 164-2 | 123 | 90 | 113 | 109 | 15.71 | cps |
| Gadolinium | 160-1 | 280 | 303 | 290 | 291 | 4.02 | cps |
| Gadolinium | 160-2 | 693 | 813 | 737 | 748 | 8.13 | cps |
| Holmium | 165-1 | 16685615 | 16821249 | 16700274 | 16735713 | 0.44 | cps |
| Holmium | 165-2 | 11536394 | 11566055 | 11477489 | 11526646 | 0.39 | cps |
| Indium | 115-1 | 11835475 | 11848878 | 11950036 | 11878130 | 0.53 | cps |
| Indium | 115-2 | 4593381 | 4608737 | 4631960 | 4611359 | 0.42 | cps |
| Iron | 56-2 | 388421848 | 388035848 | 385389528 | 387282408 | 0.43 | cps |
| Iron | 57-2 | 9657292 | 9673837 | 9581741 | 9637623 | 0.51 | cps |
| Iron | 54-2 | 21350563 | 21041191 | 21281770 | 21224508 | 0.77 | cps |
| Krypton | 83-1 | 163 | 200 | 160 | 174 | 12.72 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:39:12 | DataFile Name : | 018ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 240674 | 240643 | 240184 | 240500 | 0.11 | cps |
| Lead | 207-1 | 200778 | 200037 | 198715 | 199843 | 0.52 | cps |
| Lead | 208-1 | 930880 | 926126 | 926885 | 927964 | 0.28 | cps |
| Lithium | 6-1 | 1510149 | 1543437 | 1527677 | 1527088 | 1.09 | cps |
| Magnesium | 24-2 | 34013611 | 34219569 | 34105642 | 34112941 | 0.30 | cps |
| Manganese | 55-2 | 90319 | 91352 | 91952 | 91207 | 0.91 | cps |
| Molybdenum | 94-1 | 6044189 | 6089962 | 6004440 | 6046197 | 0.71 | cps |
| Molybdenum | 95-1 | 10736777 | 10743989 | 10531132 | 10670633 | 1.13 | cps |
| Molybdenum | 96-1 | 11337032 | 11312086 | 11278031 | 11309049 | 0.26 | cps |
| Molybdenum | 97-1 | 6660236 | 6622931 | 6592553 | 6625240 | 0.51 | cps |
| Molybdenum | 98-1 | 17240203 | 17160843 | 17074811 | 17158619 | 0.48 | cps |
| Neodymium | 150-1 | 60 | 63 | 47 | 57 | 15.56 | cps |
| Neodymium | 150-2 | 27 | 33 | 23 | 28 | 18.33 | cps |
| Nickel | 60-2 | 41457 | 41621 | 41186 | 41422 | 0.53 | cps |
| Phosphorus | 31-2 | 1031897 | 1028633 | 1034646 | 1031725 | 0.29 | cps |
| Potassium | 39-2 | 46405141 | 46396814 | 46308464 | 46370140 | 0.12 | cps |
| Rhodium | 103-1 | 10479365 | 10369884 | 10403466 | 10417572 | 0.54 | cps |
| Rhodium | 103-2 | 6411136 | 6412522 | 6465806 | 6429821 | 0.48 | cps |
| Scandium | 45-1 | 5804557 | 5834154 | 5805033 | 5814581 | 0.29 | cps |
| Scandium | 45-2 | 538831 | 537953 | 542219 | 539668 | 0.42 | cps |
| Selenium | 82-1 | 3722 | 3672 | 3717 | 3704 | 0.75 | cps |
| Selenium | 77-2 | 270 | 430 | 340 | 347 | 23.14 | cps |
| Selenium | 78-2 | 1563 | 1653 | 1497 | 1571 | 5.00 | cps |
| Silicon | 28-1 | 1201951 | 1212602 | 1233014 | 1215855 | 1.30 | cps |
| Silver | 107-1 | 256106 | 256382 | 258318 | 256935 | 0.47 | cps |
| Silver | 109-1 | 243082 | 246099 | 244542 | 244574 | 0.62 | cps |
| Sodium | 23-2 | 59518841 | 59692259 | 59620207 | 59610436 | 0.15 | cps |
| Strontium | 86-1 | 113295 | 114642 | 113469 | 113802 | 0.64 | cps |
| Strontium | 88-1 | 997849 | 1001756 | 994080 | 997895 | 0.38 | cps |
| Sulfur | 34-1 | 3684687 | 3661922 | 3630977 | 3659195 | 0.74 | cps |
| Terbium | 159-1 | 16686462 | 16988228 | 16865257 | 16846649 | 0.90 | cps |
| Terbium | 159-2 | 11394747 | 11392307 | 11340369 | 11375808 | 0.27 | cps |
| Thallium | 203-1 | 242148 | 245546 | 243435 | 243710 | 0.70 | cps |
| Thallium | 205-1 | 577924 | 578892 | 580566 | 579128 | 0.23 | cps |
| Tin | 118-1 | 2694 | 2810 | 2830 | 2778 | 2.66 | cps |
| Titanium | 47-1 | 2484571 | 2424952 | 2421665 | 2443730 | 1.45 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB001 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:39:12 | DataFile Name : | 018ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 750 | 663 | 693 | 702 | 6.27 | cps |
| Vanadium | 51-2 | 71498 | 72178 | 73638 | 72438 | 1.51 | cps |
| Yttrium | 89-1 | 17788383 | 17803267 | 17697728 | 17763126 | 0.32 | cps |
| Yttrium | 89-2 | 5158882 | 5097358 | 5181313 | 5145851 | 0.84 | cps |
| Zinc | 66-2 | 24734 | 24911 | 24861 | 24835 | 0.37 | cps |
| Zirconium | 90-1 | 1803 | 1690 | 1803 | 1766 | 3.71 | cps |
| Zirconium | 91-1 | 180 | 210 | 163 | 184 | 12.82 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:42:15 | DataFile Name : | 019CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11264156 | 11169851 | 11131639 | 11188549 | 0.61 | cps |
| Antimony | 121-1 | 5692627 | 5704304 | 5662170 | 5686367 | 0.38 | cps |
| Arsenic | 75-2 | 278723 | 279487 | 277999 | 278736 | 0.27 | cps |
| Barium | 135-1 | 7473843 | 7547359 | 7457832 | 7493011 | 0.64 | cps |
| Barium | 137-1 | 13036534 | 13107139 | 12972895 | 13038856 | 0.52 | cps |
| Beryllium | 9-1 | 593460 | 597501 | 596470 | 595810 | 0.35 | cps |
| Bismuth | 209-1 | 9845304 | 9711129 | 9794772 | 9783735 | 0.69 | cps |
| Bismuth | 209-2 | 7503350 | 7482663 | 7461664 | 7482559 | 0.28 | cps |
| Bromine | 81-1 | 13289 | 13079 | 12729 | 13033 | 2.17 | cps |
| Bromine | 81-2 | 107 | 110 | 97 | 104 | 6.64 | cps |
| Cadmium | 108-1 | 105876 | 106561 | 106322 | 106253 | 0.33 | cps |
| Cadmium | 106-1 | 217653 | 215673 | 218760 | 217362 | 0.72 | cps |
| Cadmium | 111-1 | 1273247 | 1270953 | 1271500 | 1271900 | 0.09 | cps |
| Calcium | 43-1 | 6378748 | 6328498 | 6347368 | 6351538 | 0.40 | cps |
| Calcium | 44-1 | 104484485 | 104740942 | 103925908 | 104383778 | 0.40 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2140927 | 2117284 | 2189135 | 2149115 | 1.70 | cps |
| Cobalt | 59-2 | 3299181 | 3312725 | 3284914 | 3298940 | 0.42 | cps |
| Copper | 63-2 | 23062093 | 22979520 | 23043240 | 23028284 | 0.19 | cps |
| Dysprosium | 156-1 | 820 | 897 | 860 | 859 | 4.46 | cps |
| Dysprosium | 156-2 | 767 | 707 | 707 | 727 | 4.77 | cps |
| Erbium | 164-1 | 313 | 313 | 317 | 314 | 0.61 | cps |
| Erbium | 164-2 | 237 | 250 | 213 | 233 | 7.95 | cps |
| Gadolinium | 160-1 | 493 | 460 | 500 | 484 | 4.42 | cps |
| Gadolinium | 160-2 | 857 | 1053 | 863 | 924 | 12.08 | cps |
| Holmium | 165-1 | 16255344 | 15934666 | 15970695 | 16053568 | 1.09 | cps |
| Holmium | 165-2 | 11031148 | 11161634 | 10984596 | 11059126 | 0.83 | cps |
| Indium | 115-1 | 11357348 | 11215640 | 11263426 | 11278805 | 0.64 | cps |
| Indium | 115-2 | 4350609 | 4292881 | 4279867 | 4307786 | 0.87 | cps |
| Iron | 56-2 | 495028193 | 493573219 | 490138126 | 492913179 | 0.51 | cps |
| Iron | 57-2 | 12396450 | 12356397 | 12306746 | 12353198 | 0.36 | cps |
| Iron | 54-2 | 26823956 | 26777040 | 26853789 | 26818262 | 0.14 | cps |
| Krypton | 83-1 | 177 | 210 | 217 | 201 | 10.66 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:42:15 | DataFile Name : | 019CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 25151316 | 25607971 | 25140350 | 25299879 | 1.05 | cps |
| Lead | 207-1 | 22168134 | 22349869 | 22046740 | 22188247 | 0.69 | cps |
| Lead | 208-1 | 101177916 | 101278346 | 100484281 | 100980181 | 0.43 | cps |
| Lithium | 6-1 | 1483557 | 1481478 | 1471086 | 1478707 | 0.45 | cps |
| Magnesium | 24-2 | 91163222 | 91144189 | 90546319 | 90951243 | 0.39 | cps |
| Manganese | 55-2 | 16890375 | 16749751 | 16853803 | 16831309 | 0.43 | cps |
| Molybdenum | 94-1 | 19308761 | 19307048 | 19306280 | 19307363 | 0.01 | cps |
| Molybdenum | 95-1 | 27654044 | 27779720 | 27916921 | 27783562 | 0.47 | cps |
| Molybdenum | 96-1 | 30205450 | 30168356 | 30424549 | 30266118 | 0.46 | cps |
| Molybdenum | 97-1 | 17492697 | 17487954 | 17429642 | 17470098 | 0.20 | cps |
| Molybdenum | 98-1 | 45182189 | 44780344 | 45107044 | 45023193 | 0.47 | cps |
| Neodymium | 150-1 | 593 | 510 | 520 | 541 | 8.41 | cps |
| Neodymium | 150-2 | 227 | 143 | 183 | 184 | 22.59 | cps |
| Nickel | 60-2 | 781440 | 787236 | 781597 | 783425 | 0.42 | cps |
| Phosphorus | 31-2 | 105185 | 105950 | 105470 | 105535 | 0.37 | cps |
| Potassium | 39-2 | 60997821 | 60882629 | 60828012 | 60902821 | 0.14 | cps |
| Rhodium | 103-1 | 9860957 | 9755494 | 9785039 | 9800496 | 0.56 | cps |
| Rhodium | 103-2 | 6007162 | 5974178 | 5999671 | 5993670 | 0.29 | cps |
| Scandium | 45-1 | 5641055 | 5602321 | 5567033 | 5603470 | 0.66 | cps |
| Scandium | 45-2 | 521861 | 525857 | 522391 | 523370 | 0.41 | cps |
| Selenium | 82-1 | 77688 | 77434 | 76712 | 77278 | 0.65 | cps |
| Selenium | 77-2 | 9023 | 8623 | 9273 | 8973 | 3.66 | cps |
| Selenium | 78-2 | 29957 | 30181 | 29600 | 29912 | 0.98 | cps |
| Silicon | 28-1 | 6974476 | 6906656 | 6916922 | 6932684 | 0.53 | cps |
| Silver | 107-1 | 6745153 | 6697008 | 6659163 | 6700441 | 0.64 | cps |
| Silver | 109-1 | 6444179 | 6402913 | 6443680 | 6430258 | 0.37 | cps |
| Sodium | 23-2 | 155065794 | 155739064 | 154937224 | 155247361 | 0.28 | cps |
| Strontium | 86-1 | 1732615 | 1752759 | 1752747 | 1746040 | 0.67 | cps |
| Strontium | 88-1 | 15266223 | 15214388 | 15077906 | 15186172 | 0.64 | cps |
| Sulfur | 34-1 | 482415 | 478443 | 474795 | 478551 | 0.80 | cps |
| Terbium | 159-1 | 16355518 | 16188290 | 16160969 | 16234926 | 0.65 | cps |
| Terbium | 159-2 | 10866118 | 10710119 | 10825203 | 10800480 | 0.75 | cps |
| Thallium | 203-1 | 6384790 | 6427581 | 6328693 | 6380354 | 0.78 | cps |
| Thallium | 205-1 | 15316429 | 15376339 | 15081041 | 15257936 | 1.02 | cps |
| Tin | 118-1 | 4777948 | 4749043 | 4695468 | 4740819 | 0.88 | cps |
| Titanium | 47-1 | 6215601 | 6182405 | 6202637 | 6200214 | 0.27 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:42:15 | DataFile Name : | 019CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20746231 | 20918330 | 20786567 | 20817042 | 0.43 | cps |
| Vanadium | 51-2 | 1926987 | 1925200 | 1936848 | 1929678 | 0.33 | cps |
| Yttrium | 89-1 | 17256286 | 16977473 | 16993710 | 17075823 | 0.92 | cps |
| Yttrium | 89-2 | 4946451 | 4905043 | 4904131 | 4918542 | 0.49 | cps |
| Zinc | 66-2 | 3828527 | 3816501 | 3827099 | 3824042 | 0.17 | cps |
| Zirconium | 90-1 | 9277579 | 9334085 | 9383825 | 9331830 | 0.57 | cps |
| Zirconium | 91-1 | 2059877 | 2107819 | 2098230 | 2088642 | 1.21 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:44:55 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12546 | 1733 | 1817 | 5365 | 115.90 | cps |
| Antimony | 121-1 | 2444 | 2177 | 1803 | 2141 | 15.02 | cps |
| Arsenic | 75-2 | 37 | 23 | 40 | 33 | 26.47 | cps |
| Barium | 135-1 | 783 | 720 | 657 | 720 | 8.80 | cps |
| Barium | 137-1 | 1440 | 1217 | 1223 | 1293 | 9.82 | cps |
| Beryllium | 9-1 | 123 | 143 | 113 | 127 | 12.06 | cps |
| Bismuth | 209-1 | 10941243 | 10820263 | 10980161 | 10913889 | 0.76 | cps |
| Bismuth | 209-2 | 8493231 | 8497352 | 8546552 | 8512378 | 0.35 | cps |
| Bromine | 81-1 | 12986 | 13356 | 13133 | 13158 | 1.42 | cps |
| Bromine | 81-2 | 170 | 117 | 137 | 141 | 19.09 | cps |
| Cadmium | 108-1 | 110 | 150 | 180 | 147 | 23.94 | cps |
| Cadmium | 106-1 | 75602 | 75418 | 76339 | 75786 | 0.64 | cps |
| Cadmium | 111-1 | 541 | 502 | 462 | 502 | 7.84 | cps |
| Calcium | 43-1 | 1347 | 1440 | 1190 | 1326 | 9.53 | cps |
| Calcium | 44-1 | 33163 | 32632 | 30821 | 32205 | 3.81 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3430 | 3330 | 3357 | 3373 | 1.54 | cps |
| Cobalt | 59-2 | 617 | 450 | 400 | 489 | 23.21 | cps |
| Copper | 63-2 | 6776 | 5921 | 6001 | 6233 | 7.57 | cps |
| Dysprosium | 156-1 | 10 | 17 | 17 | 14 | 26.66 | cps |
| Dysprosium | 156-2 | 7 | 3 | 7 | 6 | 34.70 | cps |
| Erbium | 164-1 | 130 | 73 | 77 | 93 | 34.07 | cps |
| Erbium | 164-2 | 40 | 67 | 60 | 56 | 24.98 | cps |
| Gadolinium | 160-1 | 267 | 273 | 220 | 253 | 11.47 | cps |
| Gadolinium | 160-2 | 787 | 880 | 810 | 826 | 5.88 | cps |
| Holmium | 165-1 | 16403692 | 16484176 | 16657897 | 16515255 | 0.79 | cps |
| Holmium | 165-2 | 11532295 | 11538148 | 11449257 | 11506566 | 0.43 | cps |
| Indium | 115-1 | 12134734 | 12230824 | 12332787 | 12232782 | 0.81 | cps |
| Indium | 115-2 | 4803867 | 4831814 | 4745227 | 4793636 | 0.92 | cps |
| Iron | 56-2 | 148583 | 74812 | 71683 | 98359 | 44.25 | cps |
| Iron | 57-2 | 4432 | 2824 | 2680 | 3312 | 29.37 | cps |
| Iron | 54-2 | 11527 | 5718 | 5441 | 7562 | 45.45 | cps |
| Krypton | 83-1 | 183 | 203 | 203 | 197 | 5.87 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:44:55 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3677 | 3657 | 3214 | 3516 | 7.45 | cps |
| Lead | 207-1 | 3394 | 2847 | 2710 | 2984 | 12.12 | cps |
| Lead | 208-1 | 15053 | 13863 | 12596 | 13837 | 8.88 | cps |
| Lithium | 6-1 | 1611514 | 1587697 | 1618125 | 1605779 | 1.00 | cps |
| Magnesium | 24-2 | 52159 | 7559 | 7379 | 22365 | 115.37 | cps |
| Manganese | 55-2 | 3341 | 1670 | 1487 | 2166 | 47.17 | cps |
| Molybdenum | 94-1 | 3144 | 2980 | 2844 | 2989 | 5.03 | cps |
| Molybdenum | 95-1 | 4474 | 4147 | 3557 | 4059 | 11.45 | cps |
| Molybdenum | 96-1 | 4991 | 4324 | 4047 | 4454 | 10.89 | cps |
| Molybdenum | 97-1 | 2784 | 2647 | 2304 | 2578 | 9.59 | cps |
| Molybdenum | 98-1 | 7219 | 6942 | 5811 | 6657 | 11.20 | cps |
| Neodymium | 150-1 | 0 | 27 | 10 | 12 | 110.23 | cps |
| Neodymium | 150-2 | 0 | 7 | 0 | 2 | 173.21 | cps |
| Nickel | 60-2 | 973 | 983 | 1020 | 992 | 2.48 | cps |
| Phosphorus | 31-2 | 870 | 377 | 400 | 549 | 50.73 | cps |
| Potassium | 39-2 | 94983 | 60630 | 58659 | 71424 | 28.60 | cps |
| Rhodium | 103-1 | 11012523 | 11040507 | 11053385 | 11035472 | 0.19 | cps |
| Rhodium | 103-2 | 6898343 | 6924327 | 6799302 | 6873991 | 0.96 | cps |
| Scandium | 45-1 | 5830511 | 5863808 | 5939021 | 5877780 | 0.95 | cps |
| Scandium | 45-2 | 550701 | 551581 | 552508 | 551597 | 0.16 | cps |
| Selenium | 82-1 | 444 | 444 | 457 | 448 | 1.73 | cps |
| Selenium | 77-2 | 10 | 0 | 3 | 4 | 114.60 | cps |
| Selenium | 78-2 | 367 | 330 | 350 | 349 | 5.26 | cps |
| Silicon | 28-1 | 814335 | 824339 | 820464 | 819712 | 0.62 | cps |
| Silver | 107-1 | 1863 | 1627 | 1403 | 1631 | 14.10 | cps |
| Silver | 109-1 | 1610 | 1330 | 1133 | 1358 | 17.64 | cps |
| Sodium | 23-2 | 148870 | 70028 | 67142 | 95347 | 48.64 | cps |
| Strontium | 86-1 | 440 | 487 | 390 | 439 | 11.01 | cps |
| Strontium | 88-1 | 1890 | 1747 | 1487 | 1708 | 11.97 | cps |
| Sulfur | 34-1 | 142490 | 143859 | 143705 | 143351 | 0.52 | cps |
| Terbium | 159-1 | 16921419 | 16712638 | 16859324 | 16831127 | 0.64 | cps |
| Terbium | 159-2 | 11388419 | 11498715 | 11340106 | 11409080 | 0.71 | cps |
| Thallium | 203-1 | 2107 | 2000 | 1927 | 2011 | 4.50 | cps |
| Thallium | 205-1 | 5044 | 4781 | 4624 | 4816 | 4.41 | cps |
| Tin | 118-1 | 1700 | 1657 | 1587 | 1648 | 3.47 | cps |
| Titanium | 47-1 | 930 | 897 | 800 | 876 | 7.71 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB001 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB001 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:44:55 | DataFile Name : | 020CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2140 | 1693 | 1623 | 1819 | 15.41 | cps |
| Vanadium | 51-2 | 463 | 137 | 117 | 239 | 81.49 | cps |
| Yttrium | 89-1 | 17953213 | 18076994 | 18028398 | 18019535 | 0.35 | cps |
| Yttrium | 89-2 | 5250630 | 5194567 | 5217096 | 5220764 | 0.54 | cps |
| Zinc | 66-2 | 983 | 1030 | 863 | 959 | 8.97 | cps |
| Zirconium | 90-1 | 2980 | 2554 | 2587 | 2707 | 8.77 | cps |
| Zirconium | 91-1 | 460 | 397 | 377 | 411 | 10.58 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:48:34 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4706367 | 4638876 | 4665976 | 4670407 | 0.73 | cps |
| Antimony | 121-1 | 2834 | 2837 | 2847 | 2839 | 0.24 | cps |
| Arsenic | 75-2 | 6278 | 6368 | 6398 | 6348 | 0.98 | cps |
| Barium | 135-1 | 528949 | 531977 | 539029 | 533318 | 0.97 | cps |
| Barium | 137-1 | 920997 | 932229 | 936176 | 929801 | 0.85 | cps |
| Beryllium | 9-1 | 1223 | 1173 | 1020 | 1139 | 9.30 | cps |
| Bismuth | 209-1 | 11067010 | 11051838 | 10961701 | 11026850 | 0.52 | cps |
| Bismuth | 209-2 | 8670591 | 8624930 | 8730842 | 8675454 | 0.61 | cps |
| Bromine | 81-1 | 14220 | 14801 | 14988 | 14670 | 2.73 | cps |
| Bromine | 81-2 | 473 | 477 | 490 | 480 | 1.84 | cps |
| Cadmium | 108-1 | 563 | 580 | 577 | 573 | 1.54 | cps |
| Cadmium | 106-1 | 86133 | 87780 | 88457 | 87457 | 1.37 | cps |
| Cadmium | 111-1 | 1110 | 1166 | 1282 | 1186 | 7.40 | cps |
| Calcium | 43-1 | 332695 | 339764 | 345881 | 339447 | 1.94 | cps |
| Calcium | 44-1 | 5383775 | 5433093 | 5470172 | 5429014 | 0.80 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 114732 | 114262 | 114856 | 114617 | 0.27 | cps |
| Cobalt | 59-2 | 220209 | 220406 | 220317 | 220311 | 0.04 | cps |
| Copper | 63-2 | 370852 | 366656 | 368912 | 368807 | 0.57 | cps |
| Dysprosium | 156-1 | 110121 | 109731 | 111168 | 110340 | 0.67 | cps |
| Dysprosium | 156-2 | 87313 | 86377 | 86813 | 86834 | 0.54 | cps |
| Erbium | 164-1 | 99135 | 99531 | 99891 | 99519 | 0.38 | cps |
| Erbium | 164-2 | 71351 | 71267 | 70172 | 70930 | 0.93 | cps |
| Gadolinium | 160-1 | 100369 | 101703 | 101491 | 101188 | 0.71 | cps |
| Gadolinium | 160-2 | 74580 | 74554 | 74085 | 74406 | 0.37 | cps |
| Holmium | 165-1 | 17422247 | 17472288 | 17480523 | 17458353 | 0.18 | cps |
| Holmium | 165-2 | 12135868 | 12232422 | 12213359 | 12193883 | 0.42 | cps |
| Indium | 115-1 | 12788200 | 13017132 | 12961903 | 12922411 | 0.92 | cps |
| Indium | 115-2 | 5080501 | 5042703 | 5046145 | 5056449 | 0.41 | cps |
| Iron | 56-2 | 265816236 | 265156823 | 266116923 | 265696660 | 0.18 | cps |
| Iron | 57-2 | 6536439 | 6583116 | 6569668 | 6563075 | 0.37 | cps |
| Iron | 54-2 | 14536949 | 14396822 | 14512867 | 14482213 | 0.52 | cps |
| Krypton | 83-1 | 340 | 240 | 307 | 296 | 17.23 | cps |



1282

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:48:34 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 463564 | 467672 | 465686 | 465641 | 0.44 | cps |
| Lead | 207-1 | 393207 | 397088 | 394076 | 394790 | 0.52 | cps |
| Lead | 208-1 | 1825902 | 1828801 | 1835865 | 1830189 | 0.28 | cps |
| Lithium | 6-1 | 1663434 | 1646945 | 1617985 | 1642788 | 1.40 | cps |
| Magnesium | 24-2 | 6558292 | 6586283 | 6572085 | 6572220 | 0.21 | cps |
| Manganese | 55-2 | 3945846 | 3920154 | 3984074 | 3950024 | 0.81 | cps |
| Molybdenum | 94-1 | 89163 | 90397 | 90876 | 90145 | 0.98 | cps |
| Molybdenum | 95-1 | 5354 | 5241 | 5194 | 5263 | 1.56 | cps |
| Molybdenum | 96-1 | 23058 | 23192 | 23215 | 23155 | 0.37 | cps |
| Molybdenum | 97-1 | 3364 | 3167 | 3247 | 3259 | 3.04 | cps |
| Molybdenum | 98-1 | 8663 | 8219 | 8312 | 8398 | 2.78 | cps |
| Neodymium | 150-1 | 145131 | 146013 | 146357 | 145834 | 0.43 | cps |
| Neodymium | 150-2 | 89310 | 89964 | 89914 | 89730 | 0.41 | cps |
| Nickel | 60-2 | 91614 | 92024 | 92188 | 91942 | 0.32 | cps |
| Phosphorus | 31-2 | 24957 | 24363 | 25204 | 24841 | 1.74 | cps |
| Potassium | 39-2 | 629065 | 631893 | 628491 | 629816 | 0.29 | cps |
| Rhodium | 103-1 | 11423847 | 11591736 | 11603298 | 11539627 | 0.87 | cps |
| Rhodium | 103-2 | 7284789 | 7226277 | 7322564 | 7277876 | 0.67 | cps |
| Scandium | 45-1 | 6524638 | 6633779 | 6694712 | 6617710 | 1.30 | cps |
| Scandium | 45-2 | 622760 | 620358 | 621300 | 621473 | 0.19 | cps |
| Selenium | 82-1 | 591 | 701 | 642 | 644 | 8.53 | cps |
| Selenium | 77-2 | 260 | 263 | 233 | 252 | 6.52 | cps |
| Selenium | 78-2 | 613 | 577 | 600 | 597 | 3.11 | cps |
| Silicon | 28-1 | 32948810 | 33709254 | 34222815 | 33626960 | 1.91 | cps |
| Silver | 107-1 | 3444 | 2817 | 2720 | 2994 | 13.12 | cps |
| Silver | 109-1 | 2720 | 2120 | 2003 | 2281 | 16.86 | cps |
| Sodium | 23-2 | 766004 | 766717 | 761922 | 764881 | 0.34 | cps |
| Strontium | 86-1 | 291826 | 295305 | 298988 | 295373 | 1.21 | cps |
| Strontium | 88-1 | 2643103 | 2675143 | 2697655 | 2671967 | 1.03 | cps |
| Sulfur | 34-1 | 145838 | 149880 | 149170 | 148296 | 1.46 | cps |
| Terbium | 159-1 | 17532986 | 17581843 | 17765520 | 17626783 | 0.70 | cps |
| Terbium | 159-2 | 12101889 | 12112235 | 12022894 | 12079006 | 0.40 | cps |
| Thallium | 203-1 | 4894 | 4974 | 4514 | 4794 | 5.13 | cps |
| Thallium | 205-1 | 11348 | 10864 | 10811 | 11008 | 2.69 | cps |
| Tin | 118-1 | 21987 | 21349 | 21843 | 21726 | 1.54 | cps |
| Titanium | 47-1 | 3486036 | 3594620 | 3617232 | 3565963 | 1.97 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:48:34 | DataFile Name : | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53808 | 53236 | 53263 | 53436 | 0.60 | cps |
| Vanadium | 51-2 | 535675 | 536340 | 534720 | 535578 | 0.15 | cps |
| Yttrium | 89-1 | 20106023 | 20723934 | 20855964 | 20561973 | 1.95 | cps |
| Yttrium | 89-2 | 6031887 | 5991947 | 6004385 | 6009406 | 0.34 | cps |
| Zinc | 66-2 | 122014 | 121358 | 120290 | 121220 | 0.72 | cps |
| Zirconium | 90-1 | 229587 | 235653 | 236682 | 233974 | 1.64 | cps |
| Zirconium | 91-1 | 50507 | 51761 | 52413 | 51560 | 1.88 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:51:41 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4917855 | 5000053 | 4941618 | 4953175 | 0.85 | cps |
| Antimony | 121-1 | 2374 | 2544 | 2444 | 2454 | 3.48 | cps |
| Arsenic | 75-2 | 6261 | 6301 | 6175 | 6246 | 1.04 | cps |
| Barium | 135-1 | 560127 | 559786 | 560861 | 560258 | 0.10 | cps |
| Barium | 137-1 | 975702 | 978428 | 976987 | 977039 | 0.14 | cps |
| Beryllium | 9-1 | 1093 | 1083 | 1087 | 1088 | 0.47 | cps |
| Bismuth | 209-1 | 11136688 | 11190155 | 11219021 | 11181955 | 0.37 | cps |
| Bismuth | 209-2 | 8739167 | 8750780 | 8703703 | 8731217 | 0.28 | cps |
| Bromine | 81-1 | 15165 | 15251 | 15291 | 15236 | 0.43 | cps |
| Bromine | 81-2 | 460 | 460 | 503 | 474 | 5.27 | cps |
| Cadmium | 108-1 | 590 | 523 | 533 | 549 | 6.55 | cps |
| Cadmium | 106-1 | 88789 | 87471 | 86955 | 87738 | 1.08 | cps |
| Cadmium | 111-1 | 1224 | 1291 | 1332 | 1282 | 4.22 | cps |
| Calcium | 43-1 | 358614 | 358894 | 355585 | 357698 | 0.51 | cps |
| Calcium | 44-1 | 5763728 | 5789488 | 5726595 | 5759937 | 0.55 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 118501 | 117812 | 115310 | 117208 | 1.43 | cps |
| Cobalt | 59-2 | 226722 | 224279 | 224525 | 225175 | 0.60 | cps |
| Copper | 63-2 | 373605 | 374589 | 369796 | 372664 | 0.68 | cps |
| Dysprosium | 156-1 | 114233 | 113692 | 114283 | 114069 | 0.29 | cps |
| Dysprosium | 156-2 | 88738 | 88708 | 87554 | 88333 | 0.76 | cps |
| Erbium | 164-1 | 103231 | 101378 | 103402 | 102670 | 1.09 | cps |
| Erbium | 164-2 | 72299 | 72728 | 70795 | 71941 | 1.41 | cps |
| Gadolinium | 160-1 | 104116 | 103757 | 104983 | 104285 | 0.60 | cps |
| Gadolinium | 160-2 | 75984 | 75096 | 73954 | 75012 | 1.36 | cps |
| Holmium | 165-1 | 17656722 | 17501626 | 17670085 | 17609478 | 0.53 | cps |
| Holmium | 165-2 | 12252781 | 12343121 | 12234271 | 12276724 | 0.47 | cps |
| Indium | 115-1 | 13079164 | 13078436 | 12993743 | 13050448 | 0.38 | cps |
| Indium | 115-2 | 5123191 | 5044260 | 4946579 | 5038010 | 1.76 | cps |
| Iron | 56-2 | 271623269 | 273963189 | 270535003 | 272040487 | 0.64 | cps |
| Iron | 57-2 | 6753094 | 6770206 | 6721107 | 6748135 | 0.37 | cps |
| Iron | 54-2 | 14915418 | 14972832 | 14866844 | 14918365 | 0.36 | cps |
| Krypton | 83-1 | 293 | 270 | 377 | 313 | 17.90 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:51:41 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 475453 | 471610 | 475964 | 474342 | 0.50 | cps |
| Lead | 207-1 | 396730 | 401982 | 399850 | 399521 | 0.66 | cps |
| Lead | 208-1 | 1853303 | 1856245 | 1856715 | 1855421 | 0.10 | cps |
| Lithium | 6-1 | 1639671 | 1613003 | 1647942 | 1633539 | 1.12 | cps |
| Magnesium | 24-2 | 6801635 | 6811433 | 6756154 | 6789741 | 0.43 | cps |
| Manganese | 55-2 | 4004859 | 4004271 | 3968504 | 3992545 | 0.52 | cps |
| Molybdenum | 94-1 | 83617 | 84150 | 83480 | 83749 | 0.42 | cps |
| Molybdenum | 95-1 | 4474 | 4231 | 4144 | 4283 | 4.00 | cps |
| Molybdenum | 96-1 | 21616 | 21412 | 20922 | 21317 | 1.67 | cps |
| Molybdenum | 97-1 | 2657 | 2667 | 2697 | 2674 | 0.78 | cps |
| Molybdenum | 98-1 | 6778 | 6542 | 6565 | 6628 | 1.97 | cps |
| Neodymium | 150-1 | 150214 | 150204 | 148563 | 149660 | 0.63 | cps |
| Neodymium | 150-2 | 91259 | 90172 | 90287 | 90573 | 0.66 | cps |
| Nickel | 60-2 | 94334 | 94716 | 94120 | 94390 | 0.32 | cps |
| Phosphorus | 31-2 | 24887 | 25341 | 24984 | 25071 | 0.95 | cps |
| Potassium | 39-2 | 636546 | 631792 | 630286 | 632875 | 0.52 | cps |
| Rhodium | 103-1 | 11798100 | 11694094 | 11814803 | 11768999 | 0.56 | cps |
| Rhodium | 103-2 | 7421886 | 7321160 | 7260910 | 7334652 | 1.11 | cps |
| Scandium | 45-1 | 6845124 | 6738954 | 6699911 | 6761330 | 1.11 | cps |
| Scandium | 45-2 | 625890 | 628462 | 623646 | 625999 | 0.38 | cps |
| Selenium | 82-1 | 687 | 699 | 592 | 660 | 8.85 | cps |
| Selenium | 77-2 | 213 | 267 | 230 | 237 | 11.53 | cps |
| Selenium | 78-2 | 593 | 560 | 543 | 566 | 4.50 | cps |
| Silicon | 28-1 | 37777265 | 37916887 | 37690974 | 37795042 | 0.30 | cps |
| Silver | 107-1 | 2280 | 2190 | 2023 | 2165 | 6.02 | cps |
| Silver | 109-1 | 1610 | 1460 | 1517 | 1529 | 4.95 | cps |
| Sodium | 23-2 | 818022 | 814401 | 812424 | 814949 | 0.35 | cps |
| Strontium | 86-1 | 316373 | 315584 | 316085 | 316014 | 0.13 | cps |
| Strontium | 88-1 | 2856179 | 2891742 | 2831838 | 2859919 | 1.05 | cps |
| Sulfur | 34-1 | 140368 | 140088 | 138117 | 139524 | 0.88 | cps |
| Terbium | 159-1 | 18066046 | 17892303 | 17749879 | 17902743 | 0.88 | cps |
| Terbium | 159-2 | 12056542 | 12063340 | 12046291 | 12055391 | 0.07 | cps |
| Thallium | 203-1 | 3884 | 4361 | 4464 | 4236 | 7.31 | cps |
| Thallium | 205-1 | 9420 | 10327 | 10127 | 9958 | 4.79 | cps |
| Tin | 118-1 | 22481 | 22417 | 22040 | 22313 | 1.07 | cps |
| Titanium | 47-1 | 3777515 | 3817993 | 3813246 | 3802918 | 0.58 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:51:41 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 54197 | 54200 | 53608 | 54001 | 0.63 | cps |
| Vanadium | 51-2 | 550504 | 550700 | 545512 | 548905 | 0.54 | cps |
| Yttrium | 89-1 | 20838243 | 21119518 | 21220476 | 21059412 | 0.94 | cps |
| Yttrium | 89-2 | 6111326 | 6074370 | 5982459 | 6056052 | 1.10 | cps |
| Zinc | 66-2 | 122985 | 123046 | 122984 | 123005 | 0.03 | cps |
| Zirconium | 90-1 | 222882 | 222991 | 222341 | 222738 | 0.16 | cps |
| Zirconium | 91-1 | 49349 | 49035 | 49273 | 49219 | 0.33 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-01-03 20:54:50 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 874358 | 878428 | 869856 | 874214 | 0.49 | cps |
| Antimony | 121-1 | 850 | 947 | 743 | 847 | 12.01 | cps |
| Arsenic | 75-2 | 1353 | 1187 | 1310 | 1283 | 6.74 | cps |
| Barium | 135-1 | 103667 | 107152 | 106585 | 105802 | 1.77 | cps |
| Barium | 137-1 | 183654 | 187059 | 185576 | 185430 | 0.92 | cps |
| Beryllium | 9-1 | 223 | 257 | 243 | 241 | 6.96 | cps |
| Bismuth | 209-1 | 11528682 | 10992357 | 11079372 | 11200137 | 2.57 | cps |
| Bismuth | 209-2 | 8506156 | 8694442 | 8712673 | 8637757 | 1.32 | cps |
| Bromine | 81-1 | 14167 | 14674 | 14247 | 14363 | 1.90 | cps |
| Bromine | 81-2 | 147 | 133 | 143 | 141 | 4.92 | cps |
| Cadmium | 108-1 | 260 | 277 | 250 | 262 | 5.14 | cps |
| Cadmium | 106-1 | 83729 | 81376 | 82308 | 82471 | 1.44 | cps |
| Cadmium | 111-1 | 547 | 547 | 523 | 539 | 2.51 | cps |
| Calcium | 43-1 | 66696 | 68531 | 68664 | 67964 | 1.62 | cps |
| Calcium | 44-1 | 1108201 | 1132103 | 1129509 | 1123271 | 1.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 25391 | 25856 | 25916 | 25721 | 1.12 | cps |
| Cobalt | 59-2 | 44272 | 44292 | 43757 | 44107 | 0.69 | cps |
| Copper | 63-2 | 79490 | 79594 | 77412 | 78832 | 1.56 | cps |
| Dysprosium | 156-1 | 21764 | 21997 | 21971 | 21910 | 0.58 | cps |
| Dysprosium | 156-2 | 16990 | 17054 | 16927 | 16990 | 0.37 | cps |
| Erbium | 164-1 | 19434 | 19424 | 19874 | 19577 | 1.31 | cps |
| Erbium | 164-2 | 14060 | 14171 | 13860 | 14030 | 1.12 | cps |
| Gadolinium | 160-1 | 19233 | 20301 | 20368 | 19968 | 3.19 | cps |
| Gadolinium | 160-2 | 14918 | 15218 | 14981 | 15039 | 1.05 | cps |
| Holmium | 165-1 | 17762541 | 17321518 | 17362275 | 17482112 | 1.39 | cps |
| Holmium | 165-2 | 11945142 | 11886524 | 11892815 | 11908160 | 0.27 | cps |
| Indium | 115-1 | 13352258 | 13053725 | 12895620 | 13100534 | 1.77 | cps |
| Indium | 115-2 | 5021878 | 5034388 | 5053473 | 5036579 | 0.32 | cps |
| Iron | 56-2 | 52062886 | 51746754 | 51809519 | 51873053 | 0.32 | cps |
| Iron | 57-2 | 1309838 | 1305041 | 1303096 | 1305992 | 0.27 | cps |
| Iron | 54-2 | 2861428 | 2892432 | 2849486 | 2867782 | 0.77 | cps |
| Krypton | 83-1 | 227 | 197 | 173 | 199 | 13.44 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-01-03 20:54:50 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 95009 | 95700 | 94230 | 94980 | 0.77 | cps |
| Lead | 207-1 | 78425 | 79963 | 80714 | 79701 | 1.46 | cps |
| Lead | 208-1 | 368404 | 374819 | 370973 | 371399 | 0.87 | cps |
| Lithium | 6-1 | 1621928 | 1563248 | 1560901 | 1582026 | 2.19 | cps |
| Magnesium | 24-2 | 1314186 | 1304694 | 1289552 | 1302811 | 0.95 | cps |
| Manganese | 55-2 | 765519 | 771263 | 762263 | 766348 | 0.59 | cps |
| Molybdenum | 94-1 | 17531 | 17971 | 17834 | 17779 | 1.27 | cps |
| Molybdenum | 95-1 | 1203 | 1163 | 1210 | 1192 | 2.12 | cps |
| Molybdenum | 96-1 | 4661 | 4808 | 4831 | 4766 | 1.93 | cps |
| Molybdenum | 97-1 | 787 | 850 | 763 | 800 | 5.61 | cps |
| Molybdenum | 98-1 | 1743 | 1883 | 1913 | 1847 | 4.91 | cps |
| Neodymium | 150-1 | 28936 | 29718 | 28516 | 29057 | 2.10 | cps |
| Neodymium | 150-2 | 17498 | 17498 | 17614 | 17537 | 0.38 | cps |
| Nickel | 60-2 | 18959 | 19249 | 18919 | 19042 | 0.95 | cps |
| Phosphorus | 31-2 | 5071 | 5131 | 5158 | 5120 | 0.87 | cps |
| Potassium | 39-2 | 167379 | 170132 | 170328 | 169280 | 0.97 | cps |
| Rhodium | 103-1 | 12222478 | 11840576 | 11725428 | 11929494 | 2.18 | cps |
| Rhodium | 103-2 | 7358197 | 7205837 | 7353373 | 7305802 | 1.19 | cps |
| Scandium | 45-1 | 6696618 | 6415539 | 6317161 | 6476439 | 3.04 | cps |
| Scandium | 45-2 | 595242 | 595684 | 599502 | 596810 | 0.39 | cps |
| Selenium | 82-1 | 510 | 498 | 551 | 520 | 5.34 | cps |
| Selenium | 77-2 | 53 | 50 | 60 | 54 | 9.35 | cps |
| Selenium | 78-2 | 410 | 497 | 403 | 437 | 11.92 | cps |
| Silicon | 28-1 | 7637076 | 7730880 | 7699910 | 7689289 | 0.62 | cps |
| Silver | 107-1 | 543 | 630 | 613 | 596 | 7.72 | cps |
| Silver | 109-1 | 430 | 503 | 397 | 443 | 12.31 | cps |
| Sodium | 23-2 | 185847 | 185438 | 184892 | 185393 | 0.26 | cps |
| Strontium | 86-1 | 58345 | 59443 | 58837 | 58875 | 0.93 | cps |
| Strontium | 88-1 | 513011 | 515303 | 517042 | 515119 | 0.39 | cps |
| Sulfur | 34-1 | 130381 | 129510 | 128189 | 129360 | 0.85 | cps |
| Terbium | 159-1 | 18034238 | 17499112 | 17295720 | 17609690 | 2.17 | cps |
| Terbium | 159-2 | 11820234 | 11679576 | 11726893 | 11742234 | 0.61 | cps |
| Thallium | 203-1 | 1540 | 1443 | 1503 | 1496 | 3.26 | cps |
| Thallium | 205-1 | 3944 | 3817 | 3581 | 3781 | 4.88 | cps |
| Tin | 118-1 | 7802 | 7809 | 7325 | 7645 | 3.63 | cps |
| Titanium | 47-1 | 675268 | 685937 | 684632 | 681946 | 0.85 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-01-03 20:54:50 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 10551 | 10314 | 10504 | 10456 | 1.20 | cps |
| Vanadium | 51-2 | 106335 | 103878 | 105214 | 105142 | 1.17 | cps |
| Yttrium | 89-1 | 20213860 | 19557688 | 19397651 | 19723067 | 2.19 | cps |
| Yttrium | 89-2 | 5697190 | 5585407 | 5655229 | 5645942 | 1.00 | cps |
| Zinc | 66-2 | 24807 | 24640 | 24654 | 24701 | 0.38 | cps |
| Zirconium | 90-1 | 46657 | 48440 | 47627 | 47575 | 1.88 | cps |
| Zirconium | 91-1 | 10037 | 10707 | 10370 | 10372 | 3.23 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:58:02 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5064452 | 5058352 | 5055315 | 5059373 | 0.09 | cps |
| Antimony | 121-1 | 262119 | 268218 | 267169 | 265835 | 1.23 | cps |
| Arsenic | 75-2 | 11541 | 11868 | 11992 | 11800 | 1.97 | cps |
| Barium | 135-1 | 1928355 | 1977035 | 1950861 | 1952084 | 1.25 | cps |
| Barium | 137-1 | 3398694 | 3422167 | 3443946 | 3421602 | 0.66 | cps |
| Beryllium | 9-1 | 14410 | 14527 | 14307 | 14415 | 0.76 | cps |
| Bismuth | 209-1 | 11640651 | 11351552 | 11303372 | 11431858 | 1.60 | cps |
| Bismuth | 209-2 | 8735629 | 8615211 | 8818856 | 8723232 | 1.17 | cps |
| Bromine | 81-1 | 14587 | 15425 | 15064 | 15026 | 2.80 | cps |
| Bromine | 81-2 | 360 | 443 | 493 | 432 | 15.58 | cps |
| Cadmium | 108-1 | 2954 | 2820 | 3170 | 2981 | 5.93 | cps |
| Cadmium | 106-1 | 94028 | 91298 | 89688 | 91671 | 2.39 | cps |
| Cadmium | 111-1 | 32028 | 33274 | 32780 | 32694 | 1.92 | cps |
| Calcium | 43-1 | 354486 | 360522 | 358244 | 357751 | 0.85 | cps |
| Calcium | 44-1 | 5702618 | 5683126 | 5652368 | 5679371 | 0.45 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 320959 | 318532 | 321372 | 320288 | 0.48 | cps |
| Cobalt | 59-2 | 1015034 | 1012935 | 1019225 | 1015731 | 0.32 | cps |
| Copper | 63-2 | 640311 | 639417 | 642305 | 640678 | 0.23 | cps |
| Dysprosium | 156-1 | 112079 | 115355 | 113514 | 113649 | 1.44 | cps |
| Dysprosium | 156-2 | 87882 | 88610 | 89003 | 88498 | 0.64 | cps |
| Erbium | 164-1 | 101062 | 103721 | 103711 | 102831 | 1.49 | cps |
| Erbium | 164-2 | 72725 | 71455 | 71612 | 71931 | 0.96 | cps |
| Gadolinium | 160-1 | 103912 | 104865 | 104774 | 104517 | 0.50 | cps |
| Gadolinium | 160-2 | 74959 | 74637 | 74939 | 74845 | 0.24 | cps |
| Holmium | 165-1 | 18461486 | 17867483 | 17758519 | 18029163 | 2.10 | cps |
| Holmium | 165-2 | 12297808 | 12206515 | 12161336 | 12221886 | 0.57 | cps |
| Indium | 115-1 | 13652919 | 13184801 | 13250595 | 13362771 | 1.90 | cps |
| Indium | 115-2 | 5100811 | 4979097 | 5102792 | 5060900 | 1.40 | cps |
| Iron | 56-2 | 273410069 | 272260443 | 273927096 | 273199203 | 0.31 | cps |
| Iron | 57-2 | 6785647 | 6759733 | 6757172 | 6767518 | 0.23 | cps |
| Iron | 54-2 | 14951124 | 14825190 | 14927619 | 14901311 | 0.45 | cps |
| Krypton | 83-1 | 327 | 333 | 297 | 319 | 6.13 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:58:02 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 511336 | 523240 | 517700 | 517425 | 1.15 | cps |
| Lead | 207-1 | 435709 | 441126 | 441939 | 439591 | 0.77 | cps |
| Lead | 208-1 | 2007283 | 2040244 | 2045736 | 2031088 | 1.02 | cps |
| Lithium | 6-1 | 1648702 | 1607496 | 1632996 | 1629732 | 1.28 | cps |
| Magnesium | 24-2 | 6807725 | 6676098 | 6741046 | 6741623 | 0.98 | cps |
| Manganese | 55-2 | 4395127 | 4340339 | 4391398 | 4375621 | 0.70 | cps |
| Molybdenum | 94-1 | 779610 | 785117 | 790033 | 784920 | 0.66 | cps |
| Molybdenum | 95-1 | 1218864 | 1234814 | 1239539 | 1231072 | 0.88 | cps |
| Molybdenum | 96-1 | 1310413 | 1341354 | 1332487 | 1328084 | 1.20 | cps |
| Molybdenum | 97-1 | 763212 | 770748 | 771040 | 768334 | 0.58 | cps |
| Molybdenum | 98-1 | 2022713 | 2067268 | 2045622 | 2045201 | 1.09 | cps |
| Neodymium | 150-1 | 146168 | 148277 | 152150 | 148865 | 2.04 | cps |
| Neodymium | 150-2 | 91649 | 88401 | 90363 | 90138 | 1.81 | cps |
| Nickel | 60-2 | 296671 | 292752 | 291668 | 293697 | 0.90 | cps |
| Phosphorus | 31-2 | 24814 | 25815 | 24910 | 25180 | 2.19 | cps |
| Potassium | 39-2 | 626953 | 642797 | 630803 | 633518 | 1.30 | cps |
| Rhodium | 103-1 | 12431299 | 11798346 | 11973357 | 12067667 | 2.71 | cps |
| Rhodium | 103-2 | 7393042 | 7349916 | 7313791 | 7352250 | 0.54 | cps |
| Scandium | 45-1 | 7012353 | 6730223 | 6611987 | 6784855 | 3.03 | cps |
| Scandium | 45-2 | 624750 | 622006 | 630022 | 625593 | 0.65 | cps |
| Selenium | 82-1 | 4517 | 4696 | 4691 | 4635 | 2.19 | cps |
| Selenium | 77-2 | 680 | 747 | 643 | 690 | 7.59 | cps |
| Selenium | 78-2 | 2057 | 1973 | 2207 | 2079 | 5.69 | cps |
| Silicon | 28-1 | 37442271 | 38365164 | 37938460 | 37915299 | 1.22 | cps |
| Silver | 107-1 | 162073 | 163883 | 163371 | 163109 | 0.57 | cps |
| Silver | 109-1 | 153891 | 156430 | 155342 | 155221 | 0.82 | cps |
| Sodium | 23-2 | 796667 | 818649 | 806559 | 807292 | 1.36 | cps |
| Strontium | 86-1 | 312709 | 318837 | 318859 | 316801 | 1.12 | cps |
| Strontium | 88-1 | 2861127 | 2874178 | 2857353 | 2864219 | 0.31 | cps |
| Sulfur | 34-1 | 134717 | 135585 | 133618 | 134640 | 0.73 | cps |
| Terbium | 159-1 | 18670628 | 18251075 | 18036172 | 18319292 | 1.76 | cps |
| Terbium | 159-2 | 12211152 | 12017505 | 12162895 | 12130518 | 0.83 | cps |
| Thallium | 203-1 | 139455 | 141563 | 142701 | 141240 | 1.17 | cps |
| Thallium | 205-1 | 329619 | 335667 | 335770 | 333685 | 1.06 | cps |
| Tin | 118-1 | 22444 | 22174 | 21586 | 22068 | 1.99 | cps |
| Titanium | 47-1 | 3783791 | 3821407 | 3775786 | 3793661 | 0.64 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5250-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 20:58:02 | DataFile Name : | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 54006 | 54628 | 53942 | 54192 | 0.70 | cps |
| Vanadium | 51-2 | 987692 | 983725 | 991359 | 987592 | 0.39 | cps |
| Yttrium | 89-1 | 21888451 | 21073954 | 21044659 | 21335688 | 2.24 | cps |
| Yttrium | 89-2 | 6084183 | 6026377 | 6012357 | 6040972 | 0.63 | cps |
| Zinc | 66-2 | 220007 | 219984 | 219436 | 219809 | 0.15 | cps |
| Zirconium | 90-1 | 219212 | 223365 | 220180 | 220919 | 0.98 | cps |
| Zirconium | 91-1 | 47918 | 49627 | 48289 | 48611 | 1.85 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D26 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:01:09 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2831877 | 2880466 | 2867134 | 2859825 | 0.88 | cps |
| Antimony | 121-1 | 79247 | 78690 | 79579 | 79172 | 0.57 | cps |
| Arsenic | 75-2 | 25816 | 26754 | 26263 | 26278 | 1.79 | cps |
| Barium | 135-1 | 202885 | 204121 | 200805 | 202603 | 0.83 | cps |
| Barium | 137-1 | 349057 | 353400 | 350876 | 351111 | 0.62 | cps |
| Beryllium | 9-1 | 1573 | 1530 | 1663 | 1589 | 4.28 | cps |
| Bismuth | 209-1 | 12364825 | 12198725 | 12146903 | 12236818 | 0.93 | cps |
| Bismuth | 209-2 | 9175969 | 9174700 | 9111681 | 9154117 | 0.40 | cps |
| Bromine | 81-1 | 15528 | 15879 | 16429 | 15945 | 2.85 | cps |
| Bromine | 81-2 | 270 | 287 | 327 | 294 | 9.89 | cps |
| Cadmium | 108-1 | 5641 | 5344 | 5414 | 5467 | 2.84 | cps |
| Cadmium | 106-1 | 95028 | 92519 | 92146 | 93231 | 1.68 | cps |
| Cadmium | 111-1 | 64197 | 65273 | 64954 | 64808 | 0.85 | cps |
| Calcium | 43-1 | 109068 | 112788 | 110492 | 110783 | 1.69 | cps |
| Calcium | 44-1 | 1765195 | 1824823 | 1785406 | 1791808 | 1.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 42312 | 42366 | 41988 | 42222 | 0.48 | cps |
| Cobalt | 59-2 | 170702 | 168848 | 167325 | 168958 | 1.00 | cps |
| Copper | 63-2 | 8162412 | 8047571 | 8115211 | 8108398 | 0.71 | cps |
| Dysprosium | 156-1 | 76832 | 77834 | 78129 | 77598 | 0.88 | cps |
| Dysprosium | 156-2 | 61865 | 62281 | 61166 | 61771 | 0.91 | cps |
| Erbium | 164-1 | 49624 | 50963 | 50507 | 50365 | 1.35 | cps |
| Erbium | 164-2 | 34533 | 34342 | 33674 | 34183 | 1.32 | cps |
| Gadolinium | 160-1 | 59991 | 61062 | 60955 | 60669 | 0.97 | cps |
| Gadolinium | 160-2 | 43330 | 42511 | 44113 | 43318 | 1.85 | cps |
| Holmium | 165-1 | 18061258 | 17894667 | 17921602 | 17959176 | 0.50 | cps |
| Holmium | 165-2 | 12233166 | 12175881 | 12074161 | 12161069 | 0.66 | cps |
| Indium | 115-1 | 13707085 | 13525240 | 13245302 | 13492542 | 1.72 | cps |
| Indium | 115-2 | 5168613 | 5224858 | 5148277 | 5180583 | 0.77 | cps |
| Iron | 56-2 | 197199484 | 198191177 | 198318657 | 197903106 | 0.31 | cps |
| Iron | 57-2 | 4915068 | 4855894 | 4908153 | 4893038 | 0.66 | cps |
| Iron | 54-2 | 10935591 | 10871225 | 10849699 | 10885505 | 0.41 | cps |
| Krypton | 83-1 | 270 | 197 | 313 | 260 | 22.68 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D26 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:01:09 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 69574764 | 70005179 | 69672062 | 69750668 | 0.32 | cps |
| Lead | 207-1 | 57937901 | 58977014 | 58637111 | 58517342 | 0.91 | cps |
| Lead | 208-1 | 269905446 | 272045794 | 269885158 | 270612133 | 0.46 | cps |
| Lithium | 6-1 | 1613089 | 1579501 | 1570062 | 1587551 | 1.42 | cps |
| Magnesium | 24-2 | 2550027 | 2495438 | 2537327 | 2527597 | 1.13 | cps |
| Manganese | 55-2 | 118806338 | 119651945 | 119157895 | 119205393 | 0.36 | cps |
| Molybdenum | 94-1 | 758706 | 759652 | 770896 | 763085 | 0.89 | cps |
| Molybdenum | 95-1 | 1323128 | 1339959 | 1332823 | 1331970 | 0.63 | cps |
| Molybdenum | 96-1 | 1447561 | 1485988 | 1460188 | 1464579 | 1.34 | cps |
| Molybdenum | 97-1 | 829172 | 842331 | 841815 | 837773 | 0.89 | cps |
| Molybdenum | 98-1 | 2221482 | 2233496 | 2219560 | 2224846 | 0.34 | cps |
| Neodymium | 150-1 | 112656 | 114268 | 113092 | 113339 | 0.74 | cps |
| Neodymium | 150-2 | 67119 | 67316 | 66569 | 67001 | 0.58 | cps |
| Nickel | 60-2 | 16843 | 16623 | 16493 | 16653 | 1.06 | cps |
| Phosphorus | 31-2 | 19689 | 19189 | 19793 | 19557 | 1.65 | cps |
| Potassium | 39-2 | 680028 | 677361 | 680469 | 679286 | 0.25 | cps |
| Rhodium | 103-1 | 12296079 | 12221163 | 12333398 | 12283547 | 0.47 | cps |
| Rhodium | 103-2 | 7499575 | 7574194 | 7409552 | 7494440 | 1.10 | cps |
| Scandium | 45-1 | 6826654 | 6773793 | 6803965 | 6801471 | 0.39 | cps |
| Scandium | 45-2 | 628133 | 633720 | 627514 | 629789 | 0.54 | cps |
| Selenium | 82-1 | 879 | 1013 | 842 | 912 | 9.87 | cps |
| Selenium | 77-2 | 193 | 193 | 167 | 184 | 8.35 | cps |
| Selenium | 78-2 | 730 | 620 | 743 | 698 | 9.70 | cps |
| Silicon | 28-1 | 14360844 | 14951838 | 14986808 | 14766496 | 2.38 | cps |
| Silver | 107-1 | 566460 | 568836 | 567903 | 567733 | 0.21 | cps |
| Silver | 109-1 | 540741 | 539840 | 535875 | 538818 | 0.48 | cps |
| Sodium | 23-2 | 87011 | 86726 | 85519 | 86418 | 0.92 | cps |
| Strontium | 86-1 | 101819 | 104571 | 103027 | 103139 | 1.34 | cps |
| Strontium | 88-1 | 893797 | 910149 | 906343 | 903430 | 0.95 | cps |
| Sulfur | 34-1 | 193269 | 199609 | 200497 | 197792 | 1.99 | cps |
| Terbium | 159-1 | 18388166 | 18166466 | 18270283 | 18274972 | 0.61 | cps |
| Terbium | 159-2 | 12020096 | 12099899 | 11892619 | 12004205 | 0.87 | cps |
| Thallium | 203-1 | 9223 | 9233 | 9377 | 9278 | 0.93 | cps |
| Thallium | 205-1 | 21327 | 22185 | 22455 | 21989 | 2.68 | cps |
| Tin | 118-1 | 10290 | 9573 | 9867 | 9910 | 3.64 | cps |
| Titanium | 47-1 | 26827 | 26089 | 26801 | 26572 | 1.58 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D26 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:01:09 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 71930 | 72714 | 72101 | 72248 | 0.57 | cps |
| Vanadium | 51-2 | 110256 | 111068 | 110407 | 110577 | 0.39 | cps |
| Yttrium | 89-1 | 21071150 | 20637826 | 20849931 | 20852969 | 1.04 | cps |
| Yttrium | 89-2 | 5903345 | 5963728 | 5830916 | 5899330 | 1.13 | cps |
| Zinc | 66-2 | 7494664 | 7498329 | 7532324 | 7508439 | 0.28 | cps |
| Zirconium | 90-1 | 8926 | 8876 | 9260 | 9021 | 2.31 | cps |
| Zirconium | 91-1 | 1853 | 1843 | 1847 | 1848 | 0.28 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D29 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:04:11 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 971025 | 969508 | 969471 | 970001 | 0.09 | cps |
| Antimony | 121-1 | 1029120 | 1041960 | 1027910 | 1032997 | 0.75 | cps |
| Arsenic | 75-2 | 191319 | 193004 | 188679 | 191001 | 1.14 | cps |
| Barium | 135-1 | 127817 | 129899 | 127807 | 128508 | 0.94 | cps |
| Barium | 137-1 | 222662 | 225082 | 223662 | 223802 | 0.54 | cps |
| Beryllium | 9-1 | 1207 | 1093 | 1080 | 1127 | 6.18 | cps |
| Bismuth | 209-1 | 14797790 | 14289249 | 14237906 | 14441648 | 2.14 | cps |
| Bismuth | 209-2 | 10981764 | 11030610 | 10910712 | 10974362 | 0.55 | cps |
| Bromine | 81-1 | 16836 | 17591 | 17440 | 17289 | 2.31 | cps |
| Bromine | 81-2 | 330 | 383 | 320 | 344 | 9.88 | cps |
| Cadmium | 108-1 | 13843 | 13803 | 13943 | 13863 | 0.52 | cps |
| Cadmium | 106-1 | 106007 | 104402 | 104059 | 104822 | 0.99 | cps |
| Cadmium | 111-1 | 174775 | 178843 | 177356 | 176991 | 1.16 | cps |
| Calcium | 43-1 | 445096 | 448697 | 446491 | 446762 | 0.41 | cps |
| Calcium | 44-1 | 7145313 | 7303087 | 7301493 | 7249964 | 1.25 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30354 | 29733 | 29946 | 30011 | 1.05 | cps |
| Cobalt | 59-2 | 59839 | 60548 | 59732 | 60040 | 0.74 | cps |
| Copper | 63-2 | 9408542 | 9318373 | 9277374 | 9334763 | 0.72 | cps |
| Dysprosium | 156-1 | 28365 | 28399 | 28058 | 28274 | 0.66 | cps |
| Dysprosium | 156-2 | 22078 | 22461 | 21079 | 21873 | 3.26 | cps |
| Erbium | 164-1 | 20408 | 20709 | 20822 | 20646 | 1.04 | cps |
| Erbium | 164-2 | 14047 | 13974 | 14204 | 14075 | 0.84 | cps |
| Gadolinium | 160-1 | 24391 | 24365 | 23627 | 24128 | 1.80 | cps |
| Gadolinium | 160-2 | 17968 | 17795 | 17287 | 17683 | 2.00 | cps |
| Holmium | 165-1 | 18112652 | 17592899 | 17924843 | 17876798 | 1.47 | cps |
| Holmium | 165-2 | 12220584 | 12226741 | 12081481 | 12176269 | 0.67 | cps |
| Indium | 115-1 | 14477658 | 14190302 | 14322374 | 14330112 | 1.00 | cps |
| Indium | 115-2 | 5485183 | 5550669 | 5541361 | 5525737 | 0.64 | cps |
| Iron | 56-2 | 607972311 | 606708244 | 603596591 | 606092382 | 0.37 | cps |
| Iron | 57-2 | 14873504 | 14874471 | 14838512 | 14862162 | 0.14 | cps |
| Iron | 54-2 | 32996589 | 32768556 | 33296007 | 33020384 | 0.80 | cps |
| Krypton | 83-1 | 217 | 243 | 233 | 231 | 5.83 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D29 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:04:11 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 400463767 | 400029941 | 402007127 | 400833612 | 0.26 | cps |
| Lead | 207-1 | 352098715 | 351912195 | 347251528 | 350420813 | 0.78 | cps |
| Lead | 208-1 | 1604502709 | 1603969456 | 1607924483 | 1605465549 | 0.13 | cps |
| Lithium | 6-1 | 1484757 | 1440465 | 1419991 | 1448404 | 2.29 | cps |
| Magnesium | 24-2 | 552650 | 551556 | 556332 | 553513 | 0.45 | cps |
| Manganese | 55-2 | 147003124 | 147470501 | 150365608 | 148279744 | 1.23 | cps |
| Molybdenum | 94-1 | 232640 | 233625 | 234678 | 233648 | 0.44 | cps |
| Molybdenum | 95-1 | 399494 | 402824 | 403398 | 401905 | 0.52 | cps |
| Molybdenum | 96-1 | 431866 | 436800 | 431904 | 433523 | 0.65 | cps |
| Molybdenum | 97-1 | 248066 | 247995 | 250747 | 248936 | 0.63 | cps |
| Molybdenum | 98-1 | 634383 | 644011 | 646543 | 641646 | 1.00 | cps |
| Neodymium | 150-1 | 33623 | 33102 | 33724 | 33483 | 1.00 | cps |
| Neodymium | 150-2 | 20175 | 19704 | 19817 | 19899 | 1.23 | cps |
| Nickel | 60-2 | 10867 | 10864 | 10731 | 10821 | 0.72 | cps |
| Phosphorus | 31-2 | 15037 | 15124 | 15011 | 15058 | 0.39 | cps |
| Potassium | 39-2 | 826338 | 826924 | 823094 | 825452 | 0.25 | cps |
| Rhodium | 103-1 | 12690825 | 12445686 | 12531481 | 12555997 | 0.99 | cps |
| Rhodium | 103-2 | 7732976 | 7759996 | 7661007 | 7717993 | 0.66 | cps |
| Scandium | 45-1 | 7013671 | 7069502 | 7125390 | 7069521 | 0.79 | cps |
| Scandium | 45-2 | 658014 | 657057 | 662648 | 659240 | 0.45 | cps |
| Selenium | 82-1 | 2612 | 2640 | 2567 | 2606 | 1.41 | cps |
| Selenium | 77-2 | 270 | 343 | 277 | 297 | 13.67 | cps |
| Selenium | 78-2 | 1297 | 1297 | 1420 | 1338 | 5.32 | cps |
| Silicon | 28-1 | 16603419 | 17119608 | 17215398 | 16979475 | 1.94 | cps |
| Silver | 107-1 | 2078037 | 2087400 | 2110694 | 2092044 | 0.80 | cps |
| Silver | 109-1 | 2004235 | 1998000 | 2062078 | 2021438 | 1.75 | cps |
| Sodium | 23-2 | 153160 | 154365 | 152140 | 153221 | 0.73 | cps |
| Strontium | 86-1 | 159372 | 160363 | 160192 | 159976 | 0.33 | cps |
| Strontium | 88-1 | 1392987 | 1400816 | 1421887 | 1405230 | 1.06 | cps |
| Sulfur | 34-1 | 3142438 | 3156594 | 3161187 | 3153406 | 0.31 | cps |
| Terbium | 159-1 | 18341636 | 18118227 | 17971072 | 18143645 | 1.03 | cps |
| Terbium | 159-2 | 12134316 | 12080464 | 12091712 | 12102164 | 0.23 | cps |
| Thallium | 203-1 | 18519 | 17965 | 17909 | 18131 | 1.86 | cps |
| Thallium | 205-1 | 42827 | 42740 | 43412 | 42993 | 0.85 | cps |
| Tin | 118-1 | 58769 | 57835 | 57929 | 58178 | 0.88 | cps |
| Titanium | 47-1 | 93171 | 95204 | 94556 | 94311 | 1.10 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D29 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:04:11 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53132 | 52724 | 52721 | 52859 | 0.45 | cps |
| Vanadium | 51-2 | 64674 | 65013 | 64286 | 64658 | 0.56 | cps |
| Yttrium | 89-1 | 21034079 | 20910168 | 20766270 | 20903506 | 0.64 | cps |
| Yttrium | 89-2 | 6021731 | 6095758 | 6074190 | 6063893 | 0.63 | cps |
| Zinc | 66-2 | 15033389 | 14982430 | 15084037 | 15033285 | 0.34 | cps |
| Zirconium | 90-1 | 18248 | 19273 | 18625 | 18715 | 2.77 | cps |
| Zirconium | 91-1 | 4595 | 4127 | 4207 | 4310 | 5.80 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D32 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:07:20 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2225277 | 2237015 | 2226080 | 2229457 | 0.29 | cps |
| Antimony | 121-1 | 283326 | 282441 | 283922 | 283230 | 0.26 | cps |
| Arsenic | 75-2 | 86587 | 88549 | 86128 | 87088 | 1.48 | cps |
| Barium | 135-1 | 644466 | 643982 | 646999 | 645149 | 0.25 | cps |
| Barium | 137-1 | 1118066 | 1120144 | 1130789 | 1123000 | 0.61 | cps |
| Beryllium | 9-1 | 1337 | 1487 | 1343 | 1389 | 6.10 | cps |
| Bismuth | 209-1 | 12605371 | 12398853 | 12330402 | 12444875 | 1.15 | cps |
| Bismuth | 209-2 | 9408689 | 9367169 | 9389459 | 9388439 | 0.22 | cps |
| Bromine | 81-1 | 18752 | 19156 | 18936 | 18948 | 1.07 | cps |
| Bromine | 81-2 | 740 | 747 | 723 | 737 | 1.63 | cps |
| Cadmium | 108-1 | 2924 | 2990 | 3054 | 2989 | 2.18 | cps |
| Cadmium | 106-1 | 92774 | 89195 | 90094 | 90687 | 2.05 | cps |
| Cadmium | 111-1 | 33537 | 33245 | 33826 | 33536 | 0.87 | cps |
| Calcium | 43-1 | 79108 | 78126 | 79296 | 78843 | 0.80 | cps |
| Calcium | 44-1 | 1293709 | 1291870 | 1286469 | 1290683 | 0.29 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 367494 | 366031 | 363382 | 365636 | 0.57 | cps |
| Cobalt | 59-2 | 84811 | 83846 | 83728 | 84129 | 0.71 | cps |
| Copper | 63-2 | 4917018 | 4915903 | 4859397 | 4897439 | 0.67 | cps |
| Dysprosium | 156-1 | 58042 | 58063 | 58585 | 58230 | 0.53 | cps |
| Dysprosium | 156-2 | 45597 | 46513 | 46978 | 46363 | 1.52 | cps |
| Erbium | 164-1 | 39385 | 38540 | 38433 | 38786 | 1.35 | cps |
| Erbium | 164-2 | 27510 | 26649 | 26455 | 26871 | 2.09 | cps |
| Gadolinium | 160-1 | 48253 | 48183 | 48106 | 48180 | 0.15 | cps |
| Gadolinium | 160-2 | 34880 | 33968 | 35030 | 34626 | 1.66 | cps |
| Holmium | 165-1 | 18190944 | 18002392 | 17879245 | 18024193 | 0.87 | cps |
| Holmium | 165-2 | 12240924 | 12386089 | 12125993 | 12251002 | 1.06 | cps |
| Indium | 115-1 | 14297790 | 14177555 | 13998753 | 14158033 | 1.06 | cps |
| Indium | 115-2 | 5351034 | 5404188 | 5366334 | 5373852 | 0.51 | cps |
| Iron | 56-2 | 466936246 | 466220993 | 463823686 | 465660309 | 0.35 | cps |
| Iron | 57-2 | 11574578 | 11561498 | 11454130 | 11530069 | 0.57 | cps |
| Iron | 54-2 | 25914085 | 25649057 | 25568505 | 25710549 | 0.70 | cps |
| Krypton | 83-1 | 217 | 190 | 237 | 214 | 10.92 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D32 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:07:20 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 125233985 | 126902808 | 127513735 | 126550176 | 0.93 | cps |
| Lead | 207-1 | 108634018 | 108696372 | 109386542 | 108905644 | 0.38 | cps |
| Lead | 208-1 | 497505219 | 498292189 | 500128379 | 498641929 | 0.27 | cps |
| Lithium | 6-1 | 1550723 | 1463522 | 1481446 | 1498564 | 3.07 | cps |
| Magnesium | 24-2 | 2189554 | 2195527 | 2188045 | 2191042 | 0.18 | cps |
| Manganese | 55-2 | 15544572 | 15467404 | 15379510 | 15463829 | 0.53 | cps |
| Molybdenum | 94-1 | 284371 | 284691 | 282716 | 283926 | 0.37 | cps |
| Molybdenum | 95-1 | 491697 | 494979 | 492699 | 493125 | 0.34 | cps |
| Molybdenum | 96-1 | 529933 | 533941 | 534561 | 532812 | 0.47 | cps |
| Molybdenum | 97-1 | 307482 | 309991 | 309175 | 308883 | 0.41 | cps |
| Molybdenum | 98-1 | 795742 | 793822 | 791830 | 793798 | 0.25 | cps |
| Neodymium | 150-1 | 79013 | 78205 | 80562 | 79260 | 1.51 | cps |
| Neodymium | 150-2 | 48031 | 48409 | 47811 | 48084 | 0.63 | cps |
| Nickel | 60-2 | 31186 | 30912 | 30661 | 30920 | 0.85 | cps |
| Phosphorus | 31-2 | 30297 | 29896 | 29609 | 29934 | 1.15 | cps |
| Potassium | 39-2 | 1811432 | 1815063 | 1824565 | 1817020 | 0.37 | cps |
| Rhodium | 103-1 | 12955316 | 12496724 | 12625610 | 12692550 | 1.86 | cps |
| Rhodium | 103-2 | 7702413 | 7760926 | 7609143 | 7690827 | 1.00 | cps |
| Scandium | 45-1 | 7337338 | 7051915 | 7176723 | 7188659 | 1.99 | cps |
| Scandium | 45-2 | 659744 | 662795 | 651404 | 657981 | 0.90 | cps |
| Selenium | 82-1 | 1129 | 1180 | 1110 | 1140 | 3.18 | cps |
| Selenium | 77-2 | 190 | 160 | 243 | 198 | 21.34 | cps |
| Selenium | 78-2 | 767 | 753 | 757 | 759 | 0.91 | cps |
| Silicon | 28-1 | 11006926 | 10712182 | 10943066 | 10887391 | 1.42 | cps |
| Silver | 107-1 | 733745 | 737171 | 732322 | 734413 | 0.34 | cps |
| Silver | 109-1 | 693257 | 705124 | 697485 | 698622 | 0.86 | cps |
| Sodium | 23-2 | 219310 | 218988 | 217355 | 218551 | 0.48 | cps |
| Strontium | 86-1 | 163733 | 164592 | 165112 | 164479 | 0.42 | cps |
| Strontium | 88-1 | 1482261 | 1478272 | 1482217 | 1480917 | 0.15 | cps |
| Sulfur | 34-1 | 794715 | 787799 | 788872 | 790462 | 0.47 | cps |
| Terbium | 159-1 | 18555788 | 18185449 | 18072186 | 18271141 | 1.38 | cps |
| Terbium | 159-2 | 12122957 | 12163496 | 12072879 | 12119777 | 0.37 | cps |
| Thallium | 203-1 | 7866 | 7949 | 8199 | 8005 | 2.17 | cps |
| Thallium | 205-1 | 17975 | 18833 | 18846 | 18552 | 2.69 | cps |
| Tin | 118-1 | 188203 | 188666 | 188570 | 188480 | 0.13 | cps |
| Titanium | 47-1 | 309876 | 308565 | 310455 | 309632 | 0.31 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D32 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:07:20 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 41494 | 41742 | 41575 | 41604 | 0.30 | cps |
| Vanadium | 51-2 | 132187 | 131877 | 131581 | 131881 | 0.23 | cps |
| Yttrium | 89-1 | 21698174 | 21362841 | 21146285 | 21402433 | 1.30 | cps |
| Yttrium | 89-2 | 6135241 | 6126357 | 6058100 | 6106566 | 0.69 | cps |
| Zinc | 66-2 | 3077383 | 3049856 | 3031121 | 3052787 | 0.76 | cps |
| Zirconium | 90-1 | 8773 | 8339 | 8559 | 8557 | 2.53 | cps |
| Zirconium | 91-1 | 1943 | 1860 | 1860 | 1888 | 2.55 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D35 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:16:53 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2636894 | 2628737 | 2637493 | 2634375 | 0.19 | cps |
| Antimony | 121-1 | 726450 | 740510 | 723975 | 730312 | 1.22 | cps |
| Arsenic | 75-2 | 61088 | 60623 | 61229 | 60980 | 0.52 | cps |
| Barium | 135-1 | 586256 | 599644 | 586175 | 590692 | 1.31 | cps |
| Barium | 137-1 | 1023728 | 1045987 | 1020658 | 1030124 | 1.34 | cps |
| Beryllium | 9-1 | 1337 | 1357 | 1213 | 1302 | 5.96 | cps |
| Bismuth | 209-1 | 22103863 | 18292561 | 21820758 | 20739061 | 10.24 | cps |
| Bismuth | 209-2 | 16481772 | 16587268 | 16441834 | 16503624 | 0.46 | cps |
| Bromine | 81-1 | 17851 | 17874 | 18392 | 18039 | 1.69 | cps |
| Bromine | 81-2 | 623 | 623 | 550 | 599 | 7.07 | cps |
| Cadmium | 108-1 | 11338 | 11301 | 11081 | 11240 | 1.24 | cps |
| Cadmium | 106-1 | 101719 | 74105 | 102213 | 92679 | 17.36 | cps |
| Cadmium | 111-1 | 147882 | 152360 | 147192 | 149145 | 1.88 | cps |
| Calcium | 43-1 | 121737 | 125121 | 122241 | 123033 | 1.48 | cps |
| Calcium | 44-1 | 2004398 | 2047097 | 1986689 | 2012728 | 1.54 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 34406 | 34266 | 34603 | 34425 | 0.49 | cps |
| Cobalt | 59-2 | 194416 | 194669 | 194572 | 194552 | 0.07 | cps |
| Copper | 63-2 | 53552401 | 53705439 | 53688329 | 53648723 | 0.16 | cps |
| Dysprosium | 156-1 | 62645 | 64946 | 63298 | 63630 | 1.86 | cps |
| Dysprosium | 156-2 | 50363 | 50972 | 50099 | 50478 | 0.89 | cps |
| Erbium | 164-1 | 47420 | 49882 | 47688 | 48330 | 2.79 | cps |
| Erbium | 164-2 | 33397 | 33647 | 32912 | 33319 | 1.12 | cps |
| Gadolinium | 160-1 | 51735 | 52966 | 51969 | 52224 | 1.25 | cps |
| Gadolinium | 160-2 | 36658 | 37654 | 37280 | 37197 | 1.35 | cps |
| Holmium | 165-1 | 18226839 | 12069262 | 17932659 | 16076254 | 21.60 | cps |
| Holmium | 165-2 | 12241343 | 12318930 | 12212768 | 12257680 | 0.45 | cps |
| Indium | 115-1 | 14006966 | 9079527 | 13779900 | 12288798 | 22.64 | cps |
| Indium | 115-2 | 5347404 | 5345141 | 5306458 | 5333001 | 0.43 | cps |
| Iron | 56-2 | 342001068 | 345246035 | 339627468 | 342291524 | 0.82 | cps |
| Iron | 57-2 | 8499667 | 8468677 | 8483076 | 8483806 | 0.18 | cps |
| Iron | 54-2 | 18586270 | 18847644 | 18674277 | 18702730 | 0.71 | cps |
| Krypton | 83-1 | 237 | 240 | 257 | 244 | 4.38 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D35 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:16:53 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 276764903 | 282564349 | 276441449 | 278590234 | 1.24 | cps |
| Lead | 207-1 | 232584390 | 241832150 | 234336603 | 236251048 | 2.08 | cps |
| Lead | 208-1 | 1078074391 | 1106630530 | 1078237977 | 1087647633 | 1.51 | cps |
| Lithium | 6-1 | 1509185 | 1058275 | 1539934 | 1369131 | 19.69 | cps |
| Magnesium | 24-2 | 2284367 | 2288922 | 2270391 | 2281227 | 0.42 | cps |
| Manganese | 55-2 | 93843769 | 94784732 | 93325915 | 93984805 | 0.79 | cps |
| Molybdenum | 94-1 | 368808 | 382952 | 371886 | 374549 | 1.99 | cps |
| Molybdenum | 95-1 | 638891 | 656946 | 642839 | 646225 | 1.47 | cps |
| Molybdenum | 96-1 | 684436 | 701560 | 685790 | 690595 | 1.38 | cps |
| Molybdenum | 97-1 | 397879 | 413503 | 403795 | 405059 | 1.95 | cps |
| Molybdenum | 98-1 | 1025727 | 1057164 | 1033359 | 1038750 | 1.58 | cps |
| Neodymium | 150-1 | 84320 | 86929 | 83626 | 84958 | 2.05 | cps |
| Neodymium | 150-2 | 50891 | 51226 | 50962 | 51026 | 0.35 | cps |
| Nickel | 60-2 | 17640 | 17250 | 17430 | 17440 | 1.12 | cps |
| Phosphorus | 31-2 | 18525 | 18838 | 19049 | 18804 | 1.40 | cps |
| Potassium | 39-2 | 739271 | 750761 | 746643 | 745559 | 0.78 | cps |
| Rhodium | 103-1 | 12813973 | 8442303 | 12630681 | 11295652 | 21.89 | cps |
| Rhodium | 103-2 | 7806244 | 7842124 | 7707010 | 7785126 | 0.90 | cps |
| Scandium | 45-1 | 7284813 | 4706658 | 7124255 | 6371909 | 22.67 | cps |
| Scandium | 45-2 | 661453 | 664327 | 659358 | 661713 | 0.38 | cps |
| Selenium | 82-1 | 2497 | 2428 | 2456 | 2460 | 1.41 | cps |
| Selenium | 77-2 | 320 | 380 | 330 | 343 | 9.36 | cps |
| Selenium | 78-2 | 1190 | 1250 | 1277 | 1239 | 3.58 | cps |
| Silicon | 28-1 | 14334019 | 14924467 | 15140152 | 14799546 | 2.82 | cps |
| Silver | 107-1 | 2828772 | 2926443 | 2888450 | 2881222 | 1.71 | cps |
| Silver | 109-1 | 2756883 | 2851944 | 2726373 | 2778400 | 2.36 | cps |
| Sodium | 23-2 | 94246 | 94595 | 94212 | 94351 | 0.22 | cps |
| Strontium | 86-1 | 150514 | 154501 | 151460 | 152158 | 1.37 | cps |
| Strontium | 88-1 | 1317389 | 1370011 | 1333335 | 1340245 | 2.01 | cps |
| Sulfur | 34-1 | 858506 | 874699 | 862192 | 865132 | 0.98 | cps |
| Terbium | 159-1 | 18397610 | 12012849 | 18240146 | 16216868 | 22.46 | cps |
| Terbium | 159-2 | 12017336 | 12164416 | 12051059 | 12077604 | 0.64 | cps |
| Thallium | 203-1 | 7799 | 8409 | 7976 | 8061 | 3.90 | cps |
| Thallium | 205-1 | 19023 | 19915 | 19584 | 19507 | 2.31 | cps |
| Tin | 118-1 | 1501161 | 1597418 | 1490890 | 1529823 | 3.84 | cps |
| Titanium | 47-1 | 96297 | 99337 | 96871 | 97502 | 1.66 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | P5388-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MH2D35 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:16:53 | DataFile Name : | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 79520 | 81618 | 79080 | 80073 | 1.69 | cps |
| Vanadium | 51-2 | 111850 | 113073 | 111424 | 112116 | 0.76 | cps |
| Yttrium | 89-1 | 21859498 | 14253148 | 21485823 | 19199490 | 22.33 | cps |
| Yttrium | 89-2 | 6143115 | 6146408 | 6090933 | 6126819 | 0.51 | cps |
| Zinc | 66-2 | 8288732 | 8303562 | 8345213 | 8312502 | 0.35 | cps |
| Zirconium | 90-1 | 17594 | 17177 | 17891 | 17554 | 2.04 | cps |
| Zirconium | 91-1 | 3861 | 3984 | 3947 | 3931 | 1.61 | cps |

Reviewed By:Mohan
On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:21:34 | DataFile Name : | 031CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10883505 | 10828625 | 10792687 | 10834939 | 0.42 | cps |
| Antimony | 121-1 | 5782542 | 5719387 | 5615738 | 5705889 | 1.48 | cps |
| Arsenic | 75-2 | 267818 | 268796 | 270095 | 268903 | 0.42 | cps |
| Barium | 135-1 | 7600865 | 7552407 | 7393529 | 7515600 | 1.44 | cps |
| Barium | 137-1 | 13176196 | 13197441 | 12940375 | 13104671 | 1.09 | cps |
| Beryllium | 9-1 | 587441 | 588810 | 577445 | 584565 | 1.06 | cps |
| Bismuth | 209-1 | 10289931 | 9880955 | 9806843 | 9992576 | 2.60 | cps |
| Bismuth | 209-2 | 7497044 | 7598212 | 7616859 | 7570705 | 0.85 | cps |
| Bromine | 81-1 | 13039 | 11978 | 12142 | 12386 | 4.61 | cps |
| Bromine | 81-2 | 77 | 77 | 97 | 83 | 13.86 | cps |
| Cadmium | 108-1 | 105396 | 106161 | 104936 | 105498 | 0.59 | cps |
| Cadmium | 106-1 | 221662 | 215339 | 213196 | 216732 | 2.03 | cps |
| Cadmium | 111-1 | 1270017 | 1261264 | 1241387 | 1257556 | 1.17 | cps |
| Calcium | 43-1 | 6547057 | 6309114 | 6216098 | 6357423 | 2.68 | cps |
| Calcium | 44-1 | 107293502 | 104721745 | 101237355 | 104417534 | 2.91 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2125564 | 2100847 | 2083319 | 2103243 | 1.01 | cps |
| Cobalt | 59-2 | 3243922 | 3262303 | 3208344 | 3238190 | 0.85 | cps |
| Copper | 63-2 | 22523812 | 22607780 | 22433400 | 22521664 | 0.39 | cps |
| Dysprosium | 156-1 | 853 | 900 | 800 | 851 | 5.88 | cps |
| Dysprosium | 156-2 | 793 | 750 | 683 | 742 | 7.47 | cps |
| Erbium | 164-1 | 400 | 327 | 360 | 362 | 10.14 | cps |
| Erbium | 164-2 | 260 | 270 | 203 | 244 | 14.71 | cps |
| Gadolinium | 160-1 | 497 | 423 | 557 | 492 | 13.57 | cps |
| Gadolinium | 160-2 | 923 | 913 | 900 | 912 | 1.28 | cps |
| Holmium | 165-1 | 17081992 | 16301705 | 16087399 | 16490365 | 3.17 | cps |
| Holmium | 165-2 | 11047828 | 11182794 | 11012924 | 11081182 | 0.81 | cps |
| Indium | 115-1 | 12125120 | 11313997 | 11116340 | 11518486 | 4.64 | cps |
| Indium | 115-2 | 4273090 | 4271311 | 4228589 | 4257663 | 0.59 | cps |
| Iron | 56-2 | 482153193 | 478250673 | 477856566 | 479420144 | 0.50 | cps |
| Iron | 57-2 | 12143869 | 12120729 | 12045700 | 12103433 | 0.42 | cps |
| Iron | 54-2 | 26509367 | 26290925 | 26275695 | 26358662 | 0.50 | cps |
| Krypton | 83-1 | 183 | 153 | 160 | 166 | 9.52 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:21:34 | DataFile Name : | 031CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 25101475 | 25309195 | 25280640 | 25230437 | 0.45 | cps |
| Lead | 207-1 | 22003924 | 22244489 | 22234288 | 22160900 | 0.61 | cps |
| Lead | 208-1 | 100545852 | 101426390 | 100955548 | 100975930 | 0.44 | cps |
| Lithium | 6-1 | 1545087 | 1497260 | 1477750 | 1506699 | 2.30 | cps |
| Magnesium | 24-2 | 89692115 | 88735855 | 88824135 | 89084035 | 0.59 | cps |
| Manganese | 55-2 | 16534713 | 16480745 | 16411950 | 16475803 | 0.37 | cps |
| Molybdenum | 94-1 | 19645297 | 19051201 | 18986656 | 19227718 | 1.89 | cps |
| Molybdenum | 95-1 | 28273620 | 27692460 | 27254193 | 27740091 | 1.84 | cps |
| Molybdenum | 96-1 | 30583170 | 30283177 | 29506330 | 30124226 | 1.84 | cps |
| Molybdenum | 97-1 | 17549433 | 17459693 | 17014156 | 17341094 | 1.65 | cps |
| Molybdenum | 98-1 | 45549166 | 45233814 | 44475021 | 45086000 | 1.22 | cps |
| Neodymium | 150-1 | 567 | 520 | 620 | 569 | 8.80 | cps |
| Neodymium | 150-2 | 143 | 167 | 170 | 160 | 9.08 | cps |
| Nickel | 60-2 | 760357 | 757986 | 760796 | 759713 | 0.20 | cps |
| Phosphorus | 31-2 | 100215 | 99367 | 99457 | 99680 | 0.47 | cps |
| Potassium | 39-2 | 59217426 | 58652852 | 58714384 | 58861554 | 0.53 | cps |
| Rhodium | 103-1 | 10584600 | 9872764 | 9832744 | 10096703 | 4.19 | cps |
| Rhodium | 103-2 | 6083395 | 5951246 | 5957089 | 5997244 | 1.25 | cps |
| Scandium | 45-1 | 6170336 | 5674745 | 5481562 | 5775548 | 6.15 | cps |
| Scandium | 45-2 | 509155 | 505164 | 509572 | 507964 | 0.48 | cps |
| Selenium | 82-1 | 77160 | 76391 | 75327 | 76293 | 1.21 | cps |
| Selenium | 77-2 | 8699 | 8486 | 8499 | 8561 | 1.40 | cps |
| Selenium | 78-2 | 28912 | 28340 | 28337 | 28530 | 1.16 | cps |
| Silicon | 28-1 | 7269153 | 6883605 | 6707916 | 6953558 | 4.13 | cps |
| Silver | 107-1 | 6846177 | 6779239 | 6625464 | 6750293 | 1.68 | cps |
| Silver | 109-1 | 6531294 | 6428970 | 6258141 | 6406135 | 2.15 | cps |
| Sodium | 23-2 | 151613604 | 151950148 | 151298771 | 151620841 | 0.21 | cps |
| Strontium | 86-1 | 1753508 | 1717485 | 1707360 | 1726118 | 1.41 | cps |
| Strontium | 88-1 | 15641513 | 15268219 | 15049272 | 15319668 | 1.95 | cps |
| Sulfur | 34-1 | 521114 | 499275 | 483784 | 501391 | 3.74 | cps |
| Terbium | 159-1 | 17133543 | 16515179 | 16268618 | 16639113 | 2.68 | cps |
| Terbium | 159-2 | 11020841 | 10795704 | 10863283 | 10893276 | 1.06 | cps |
| Thallium | 203-1 | 6403010 | 6421064 | 6401823 | 6408632 | 0.17 | cps |
| Thallium | 205-1 | 15150842 | 15436983 | 15378623 | 15322149 | 0.99 | cps |
| Tin | 118-1 | 4746796 | 4626500 | 4596754 | 4656683 | 1.71 | cps |
| Titanium | 47-1 | 6361786 | 6169838 | 6064924 | 6198849 | 2.43 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCV002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:21:34 | DataFile Name : | 031CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20694957 | 21287179 | 20988580 | 20990238 | 1.41 | cps |
| Vanadium | 51-2 | 1896203 | 1844496 | 1851273 | 1863991 | 1.51 | cps |
| Yttrium | 89-1 | 18707408 | 17421801 | 17093479 | 17740896 | 4.81 | cps |
| Yttrium | 89-2 | 4827837 | 4807036 | 4861175 | 4832016 | 0.57 | cps |
| Zinc | 66-2 | 3783968 | 3792931 | 3705363 | 3760754 | 1.28 | cps |
| Zirconium | 90-1 | 9560895 | 9312357 | 9181378 | 9351543 | 2.06 | cps |
| Zirconium | 91-1 | 2134183 | 2079877 | 2093679 | 2102579 | 1.34 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:28:34 | DataFile Name : | 033CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 243 | 287 | 270 | 267 | 8.20 | cps |
| Antimony | 121-1 | 477 | 650 | 557 | 561 | 15.46 | cps |
| Arsenic | 75-2 | 20 | 20 | 20 | 20 | 0.00 | cps |
| Barium | 135-1 | 200 | 123 | 190 | 171 | 24.35 | cps |
| Barium | 137-1 | 357 | 297 | 250 | 301 | 17.76 | cps |
| Beryllium | 9-1 | 83 | 63 | 63 | 70 | 16.50 | cps |
| Bismuth | 209-1 | 11256544 | 10879161 | 10882470 | 11006058 | 1.97 | cps |
| Bismuth | 209-2 | 8544949 | 8615335 | 8597458 | 8585914 | 0.43 | cps |
| Bromine | 81-1 | 13413 | 13226 | 13466 | 13368 | 0.94 | cps |
| Bromine | 81-2 | 237 | 217 | 170 | 208 | 16.47 | cps |
| Cadmium | 108-1 | 113 | 180 | 160 | 151 | 22.64 | cps |
| Cadmium | 106-1 | 74721 | 74657 | 74640 | 74673 | 0.06 | cps |
| Cadmium | 111-1 | 391 | 314 | 308 | 338 | 13.72 | cps |
| Calcium | 43-1 | 573 | 623 | 513 | 570 | 9.66 | cps |
| Calcium | 44-1 | 18522 | 17917 | 17230 | 17890 | 3.61 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3287 | 2990 | 3260 | 3179 | 5.16 | cps |
| Cobalt | 59-2 | 227 | 267 | 237 | 243 | 8.55 | cps |
| Copper | 63-2 | 4664 | 4784 | 4777 | 4742 | 1.42 | cps |
| Dysprosium | 156-1 | 3 | 23 | 10 | 12 | 83.33 | cps |
| Dysprosium | 156-2 | 7 | 10 | 3 | 7 | 50.03 | cps |
| Erbium | 164-1 | 93 | 83 | 77 | 84 | 9.93 | cps |
| Erbium | 164-2 | 47 | 70 | 50 | 56 | 22.71 | cps |
| Gadolinium | 160-1 | 297 | 220 | 223 | 247 | 17.57 | cps |
| Gadolinium | 160-2 | 870 | 870 | 830 | 857 | 2.70 | cps |
| Holmium | 165-1 | 16825824 | 16671870 | 16944701 | 16814131 | 0.81 | cps |
| Holmium | 165-2 | 11626085 | 11671893 | 11458807 | 11585595 | 0.97 | cps |
| Indium | 115-1 | 12607002 | 12618657 | 12636753 | 12620804 | 0.12 | cps |
| Indium | 115-2 | 4872385 | 4822296 | 4856973 | 4850551 | 0.53 | cps |
| Iron | 56-2 | 32114 | 31824 | 31273 | 31737 | 1.35 | cps |
| Iron | 57-2 | 1737 | 1807 | 1790 | 1778 | 2.06 | cps |
| Iron | 54-2 | 3314 | 3317 | 3104 | 3245 | 3.77 | cps |
| Krypton | 83-1 | 200 | 200 | 220 | 207 | 5.59 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:28:34 | DataFile Name : | 033CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4547 | 4084 | 3981 | 4204 | 7.18 | cps |
| Lead | 207-1 | 3787 | 3420 | 3334 | 3514 | 6.85 | cps |
| Lead | 208-1 | 17354 | 16281 | 15330 | 16322 | 6.20 | cps |
| Lithium | 6-1 | 1551784 | 1587022 | 1550027 | 1562944 | 1.34 | cps |
| Magnesium | 24-2 | 1647 | 1643 | 1570 | 1620 | 2.67 | cps |
| Manganese | 55-2 | 1213 | 1227 | 1010 | 1150 | 10.56 | cps |
| Molybdenum | 94-1 | 1027 | 890 | 867 | 928 | 9.32 | cps |
| Molybdenum | 95-1 | 1160 | 1053 | 993 | 1069 | 7.90 | cps |
| Molybdenum | 96-1 | 1217 | 1213 | 1233 | 1221 | 0.88 | cps |
| Molybdenum | 97-1 | 670 | 673 | 700 | 681 | 2.41 | cps |
| Molybdenum | 98-1 | 1620 | 1570 | 1537 | 1576 | 2.66 | cps |
| Neodymium | 150-1 | 3 | 3 | 20 | 9 | 108.30 | cps |
| Neodymium | 150-2 | 17 | 13 | 0 | 10 | 88.20 | cps |
| Nickel | 60-2 | 840 | 963 | 913 | 906 | 6.85 | cps |
| Phosphorus | 31-2 | 293 | 253 | 300 | 282 | 8.94 | cps |
| Potassium | 39-2 | 51229 | 51403 | 51755 | 51462 | 0.52 | cps |
| Rhodium | 103-1 | 11445533 | 11250609 | 11309086 | 11335076 | 0.88 | cps |
| Rhodium | 103-2 | 7010947 | 7066459 | 7023930 | 7033779 | 0.41 | cps |
| Scandium | 45-1 | 6006695 | 6007423 | 6078068 | 6030729 | 0.68 | cps |
| Scandium | 45-2 | 551831 | 551735 | 556522 | 553363 | 0.49 | cps |
| Selenium | 82-1 | 415 | 421 | 390 | 409 | 4.03 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 437 | 387 | 390 | 404 | 6.91 | cps |
| Silicon | 28-1 | 821276 | 1167422 | 1196375 | 1061691 | 19.66 | cps |
| Silver | 107-1 | 550 | 433 | 383 | 456 | 18.78 | cps |
| Silver | 109-1 | 353 | 327 | 283 | 321 | 11.00 | cps |
| Sodium | 23-2 | 30894 | 30928 | 31238 | 31020 | 0.61 | cps |
| Strontium | 86-1 | 383 | 360 | 273 | 339 | 17.10 | cps |
| Strontium | 88-1 | 543 | 537 | 500 | 527 | 4.43 | cps |
| Sulfur | 34-1 | 155478 | 156633 | 157697 | 156603 | 0.71 | cps |
| Terbium | 159-1 | 17009521 | 16917326 | 17072987 | 16999944 | 0.46 | cps |
| Terbium | 159-2 | 11604824 | 11494659 | 11492876 | 11530787 | 0.56 | cps |
| Thallium | 203-1 | 957 | 927 | 943 | 942 | 1.60 | cps |
| Thallium | 205-1 | 2294 | 2524 | 2147 | 2321 | 8.18 | cps |
| Tin | 118-1 | 1167 | 3833 | 1113 | 2038 | 76.31 | cps |
| Titanium | 47-1 | 200 | 170 | 190 | 187 | 8.18 | cps |

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On:1/5/2025 11:27:56 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134159 | Operator : | Jaswal |
| Lab Sample ID : | CCB002 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-01-03 21:28:34 | DataFile Name : | 033CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 423 | 447 | 387 | 419 | 7.22 | cps |
| Vanadium | 51-2 | 40 | 47 | 57 | 48 | 17.56 | cps |
| Yttrium | 89-1 | 18415342 | 18285187 | 18186756 | 18295762 | 0.63 | cps |
| Yttrium | 89-2 | 5295966 | 5259938 | 5233871 | 5263258 | 0.59 | cps |
| Zinc | 66-2 | 357 | 347 | 387 | 363 | 5.73 | cps |
| Zirconium | 90-1 | 1817 | 1770 | 1757 | 1781 | 1.77 | cps |
| Zirconium | 91-1 | 203 | 180 | 217 | 200 | 9.28 | cps |

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# Prep Standard - Chemical Standard Summary

**Order ID :** P5250

**Test :** Metals CLP MS FULL

**Prepbatch ID :** PB165821,

**Sequence ID/Qc Batch ID:** LB134112,LB134159,

**Standard ID :**
MP82128,MP83498,MP83619,MP83620,MP83621,MP83622,MP83623,MP83625,MP83626,MP83627,MP83628,MP836
29,MP83630,MP83631,MP83632,MP83633,MP83634,MP83635,MP83636,MP83671,MP83781,

**Chemical ID :**
M5288,M5289,M5295,M5304,M5390,M5476,M5498,M5513,M5515,M5516,M5519,M5658,M5698,M5739,M5751,M5768
,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M596
1,M5962,M5976,M5978,M5981,M5982,M5983,M5993,M5999,M6021,M6023,M6025,M6028,M6030,M6033,M6040,M60
55,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 |
|---|---|---|---|---|---|---|---|---|
| 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

| 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

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# Metals STANDARD PREPARATION LOG

| 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

| 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

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# Metals STANDARD PREPARATION LOG

| 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

| 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

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# Metals STANDARD PREPARATION LOG

| 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

| 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

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# Metals STANDARD PREPARATION LOG

| 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

| 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

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# Metals STANDARD PREPARATION LOG

| 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

| 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

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Fax : 908 789 8922

# Metals STANDARD PREPARATION LOG

| 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

| 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

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# Metals STANDARD PREPARATION LOG

| 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

| 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

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# Metals STANDARD PREPARATION LOG

| 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

| 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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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3964 | CONC.LCSS SPIKE | MP83781 | 12/23/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/26/2024 |

**FROM** 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 M5982 + 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 + 1.00000ml of M5976 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M5978 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5768 + 12.50000ml of M5806 + 157.75000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6121 + 5.00000ml of M5515 + 5.00000ml of M6126 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 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. | 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 |

| 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 |

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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. | 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 |

| 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 |

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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. | 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 |

| 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 |

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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. | 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 |

| 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 |

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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. | 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 |

| 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 |

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# CHEMICAL RECEIPT LOG BOOK

| 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 |

| 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 |

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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. | 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 |

| 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 |

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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. | 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 |

| 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 / | 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 |

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# CHEMICAL RECEIPT LOG BOOK

| 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

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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: | 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:**



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| 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

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AR-1539 Certificate Number
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## 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 | | |

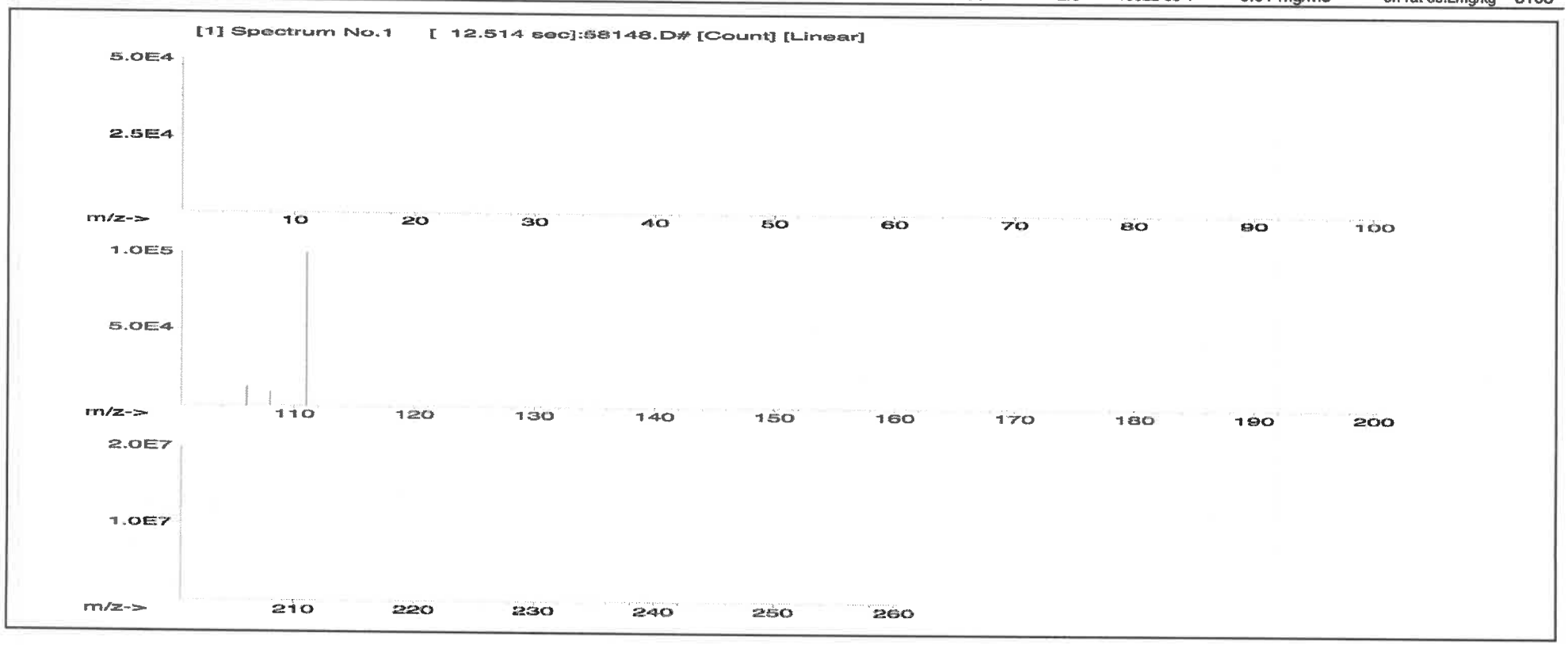
Aleah O'Brady

| | | |
|---|---|---|
| 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 |



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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 | 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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1339

CERTIFIED WEIGHT REPORT:

**Part Number:** 57182
**Lot Number:** 110923
**Description:** Lead (Pb)

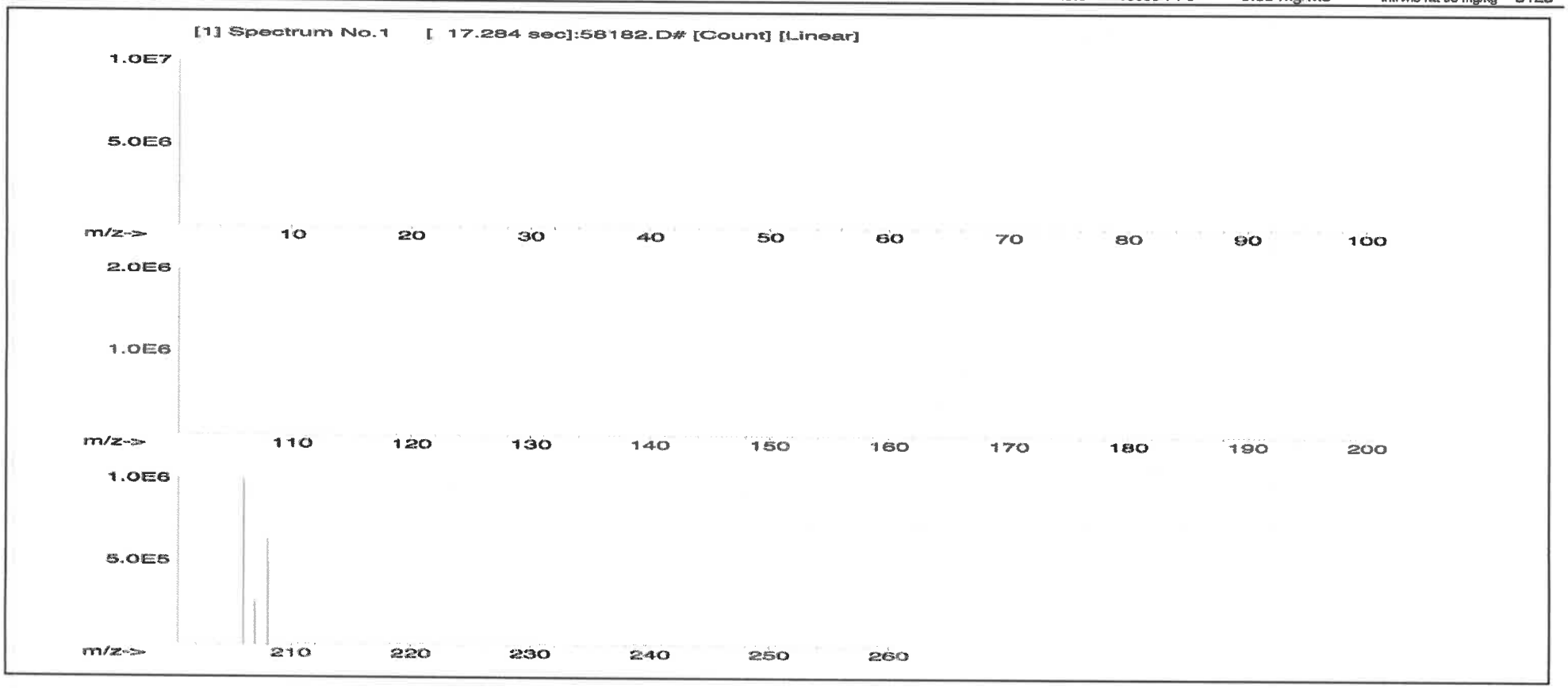
**Expiration Date:** 110926
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02

| | 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 |



1340

**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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***Certified Reference Material CRM***

M5288 R: 07/21/2022

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1341

CERTIFIED WEIGHT REPORT:

**Part Number:** 58119
**Lot Number:** 071122
**Description:** Potassium (K)

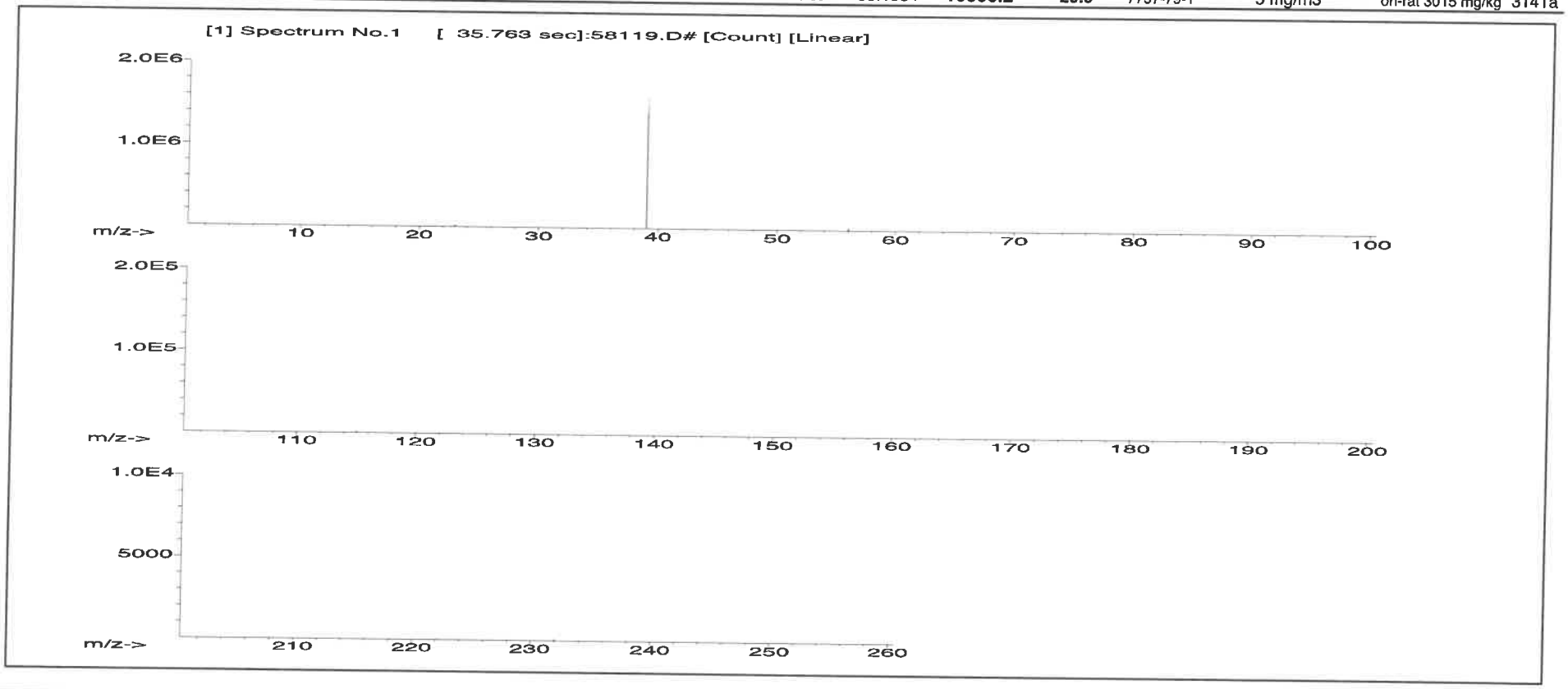
**Expiration Date:** 071125
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02

| | 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 |



**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.
* 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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M5289 R: 07/12/22 BH

**Certified Reference Material CRM**

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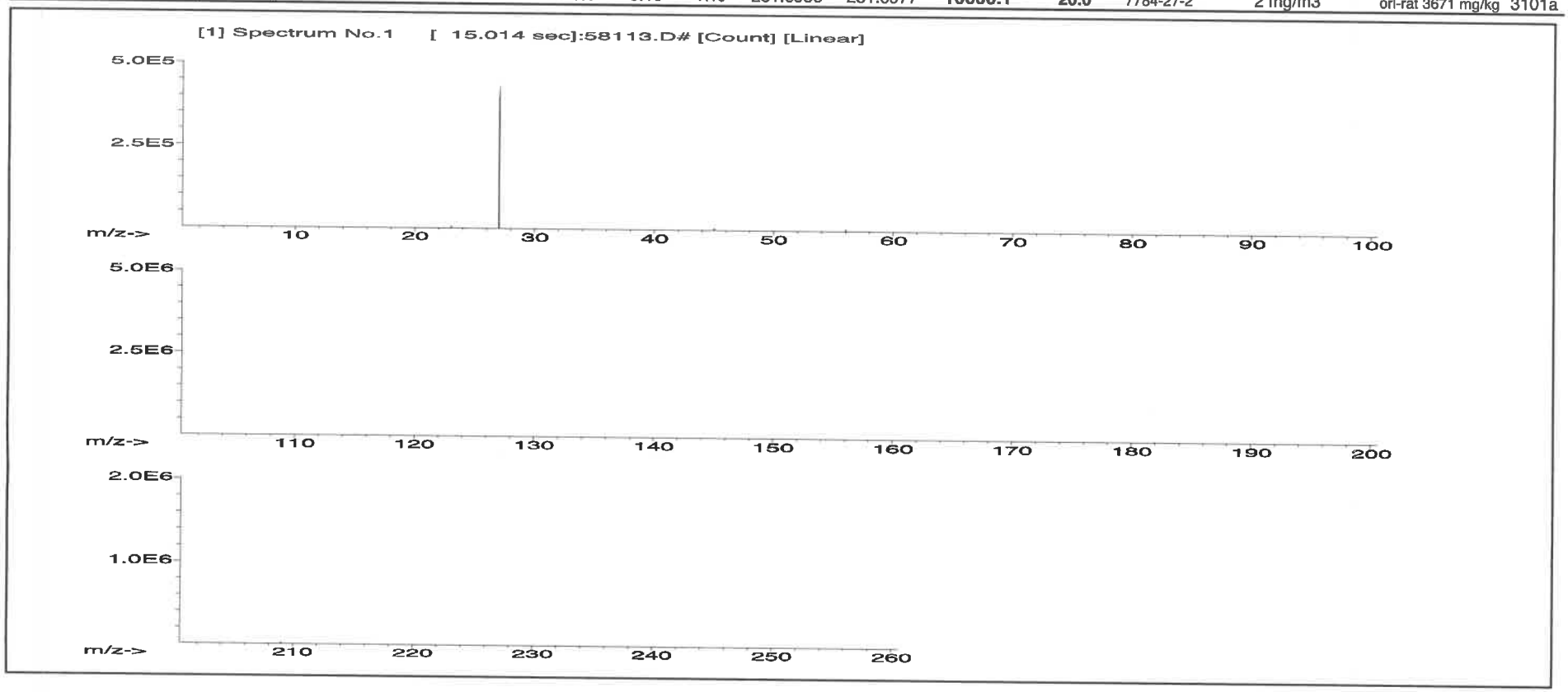
1343

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 |



1344

**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.

**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** |

**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

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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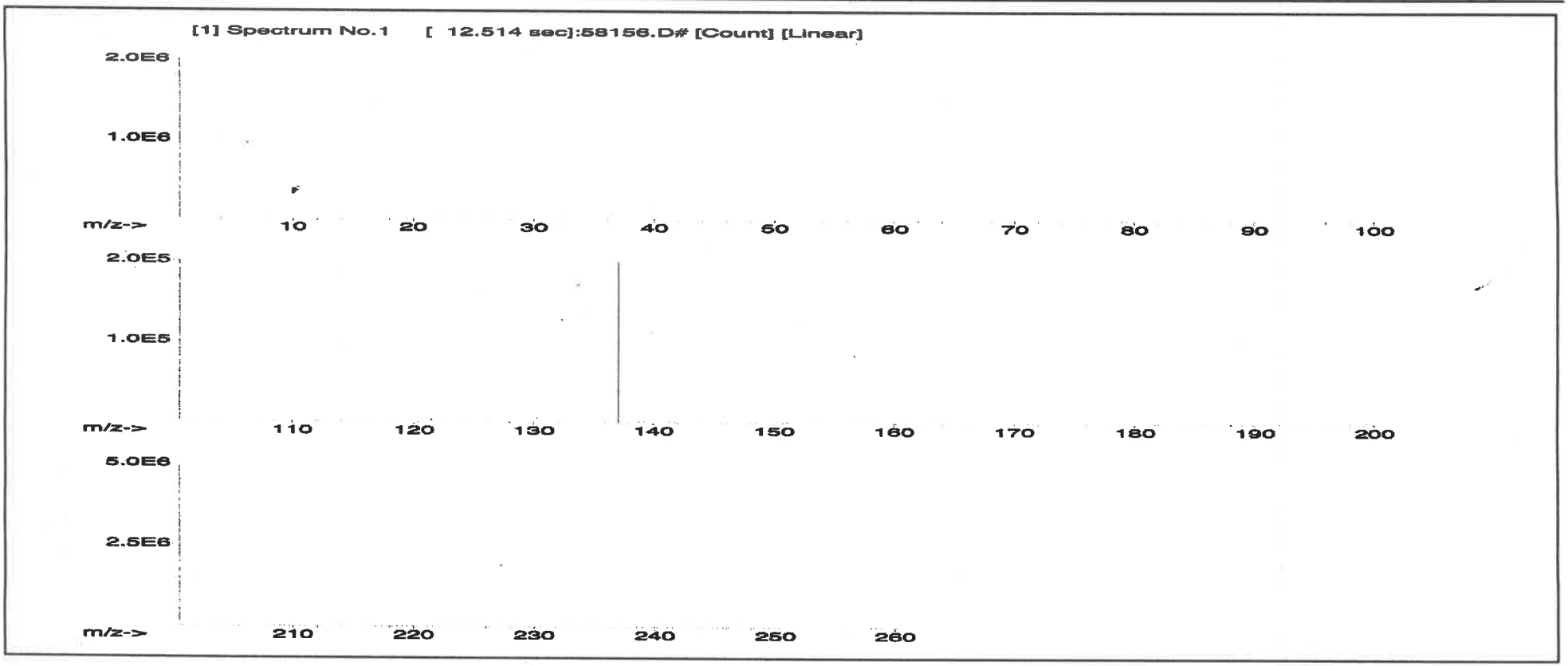
## CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57056** | | **Lot #** | | |
| **Lot Number:** | **072122** | **Solvent:** | 20510011 | Nitric Acid | |
| **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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**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*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)

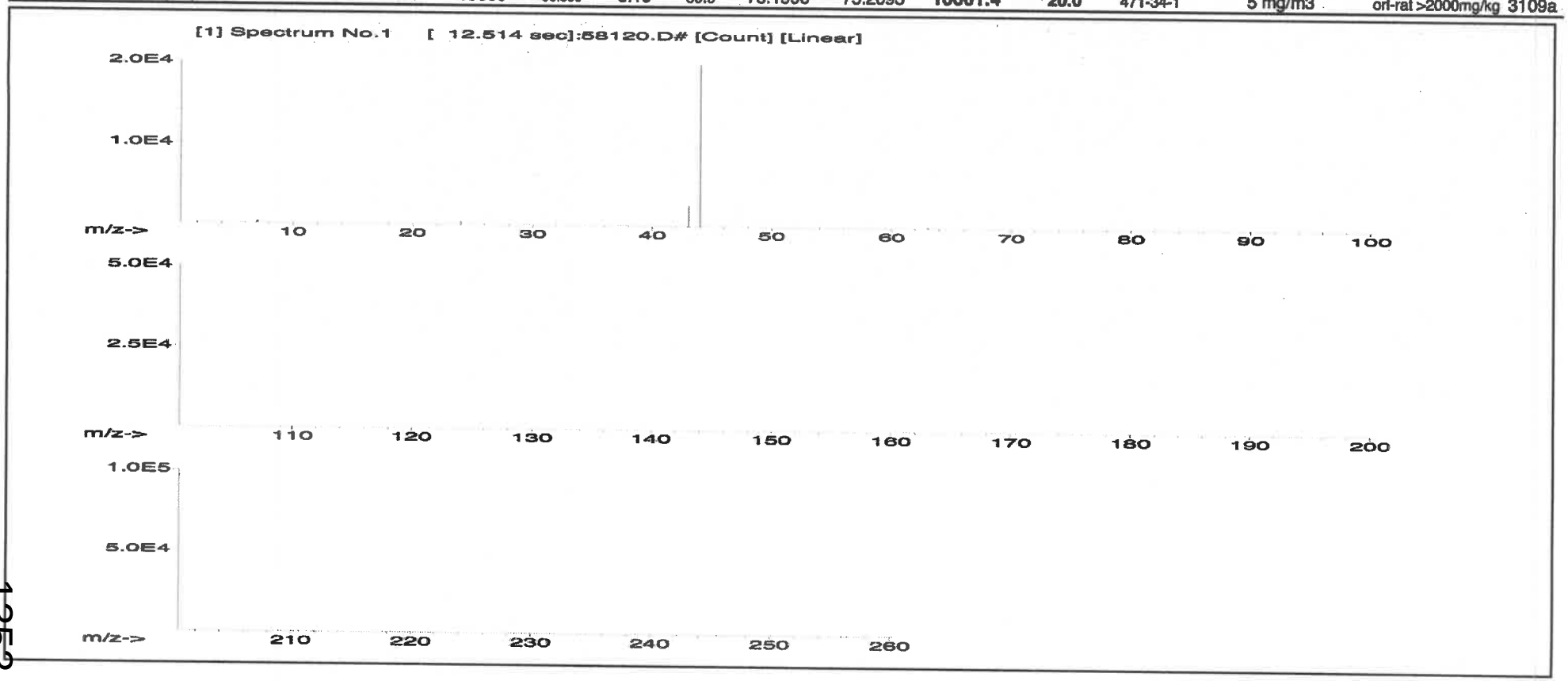
**Expiration Date:** 031526
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 3000.41 ± 0.058 Flask Uncertainty

| | 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 |




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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).

1354

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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

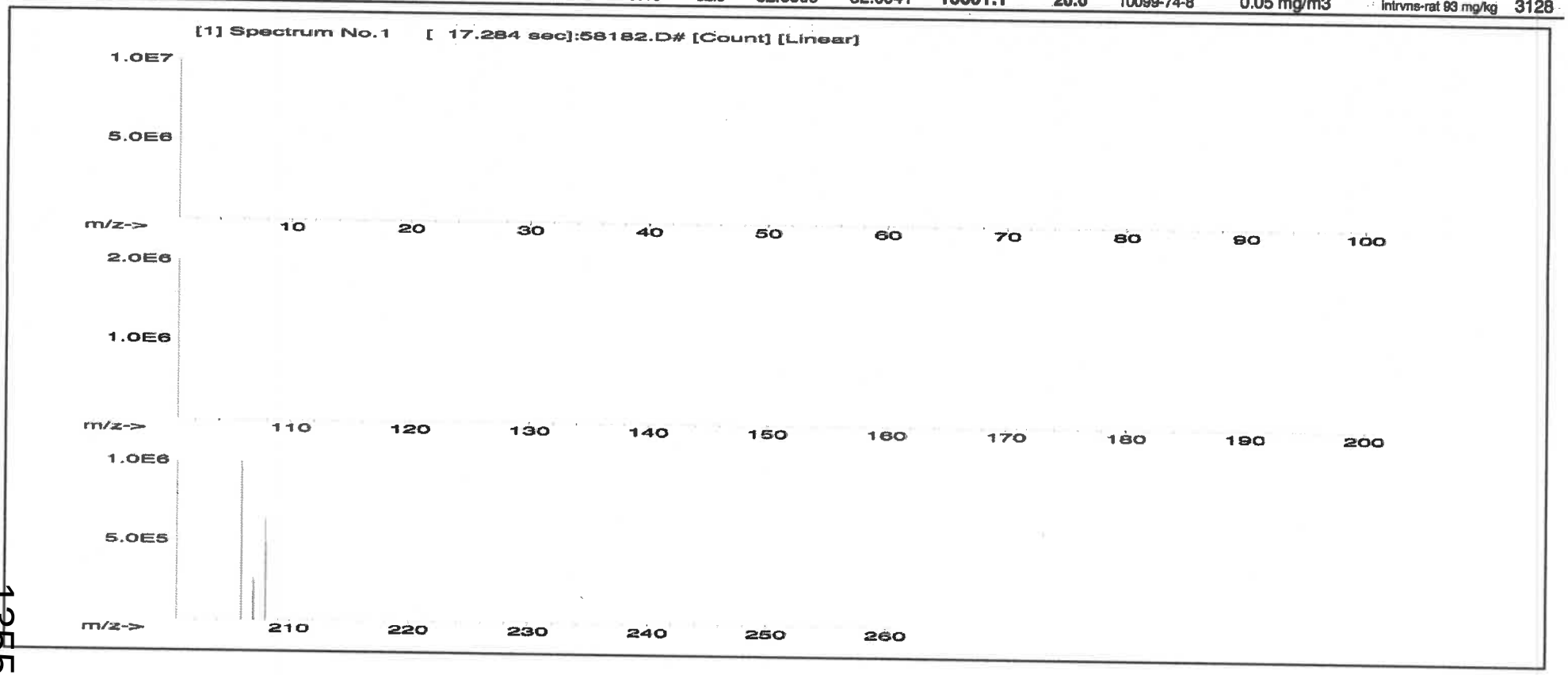
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

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 |




1355

**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).

1356

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1357

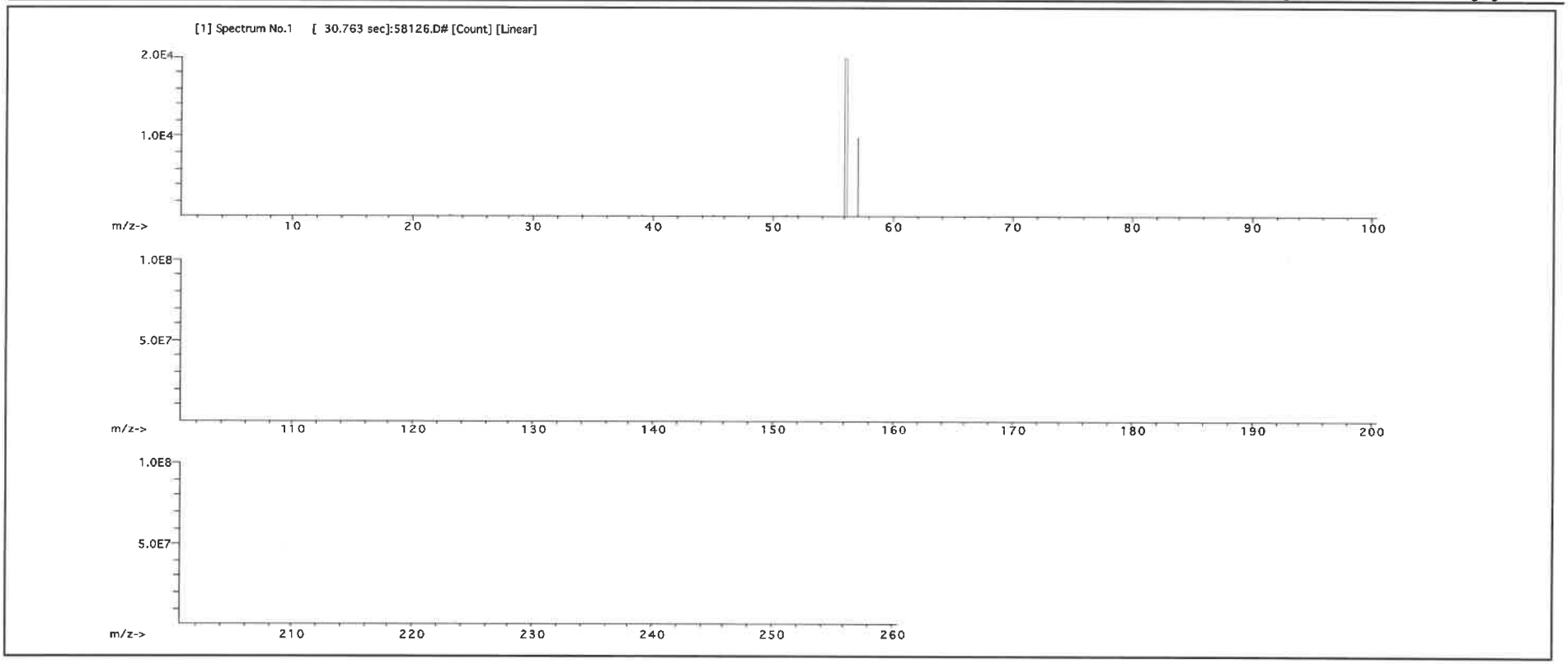
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **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.
* 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).

13358

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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)

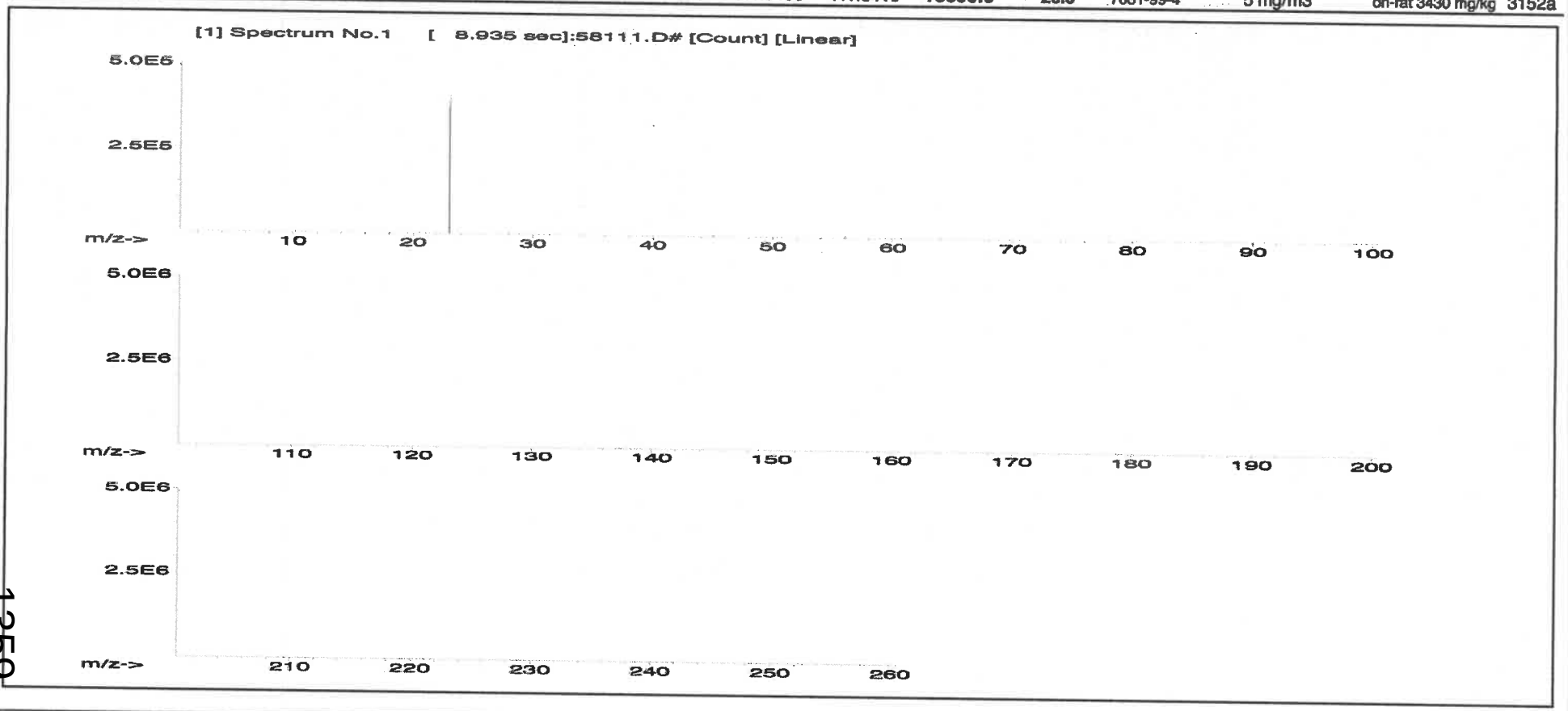
**Expiration Date:** 022126
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 3000.41 0.06 Flask Uncertainty

| | | 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 |




1359

**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.
* 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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* 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).

1360

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1361

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

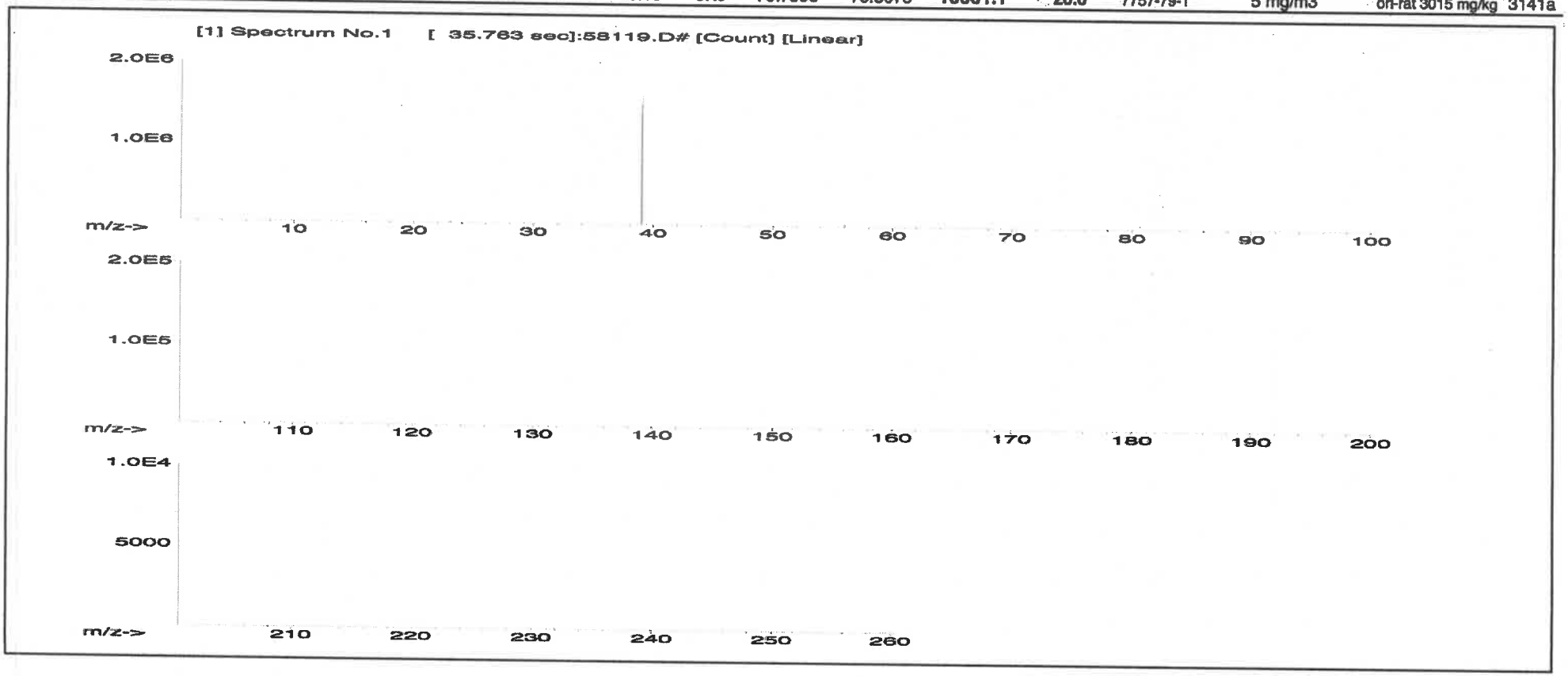
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 2% | 60.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty
0.06 Flask 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 |



1362

**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.
* 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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M5658 R ! 8/25/23

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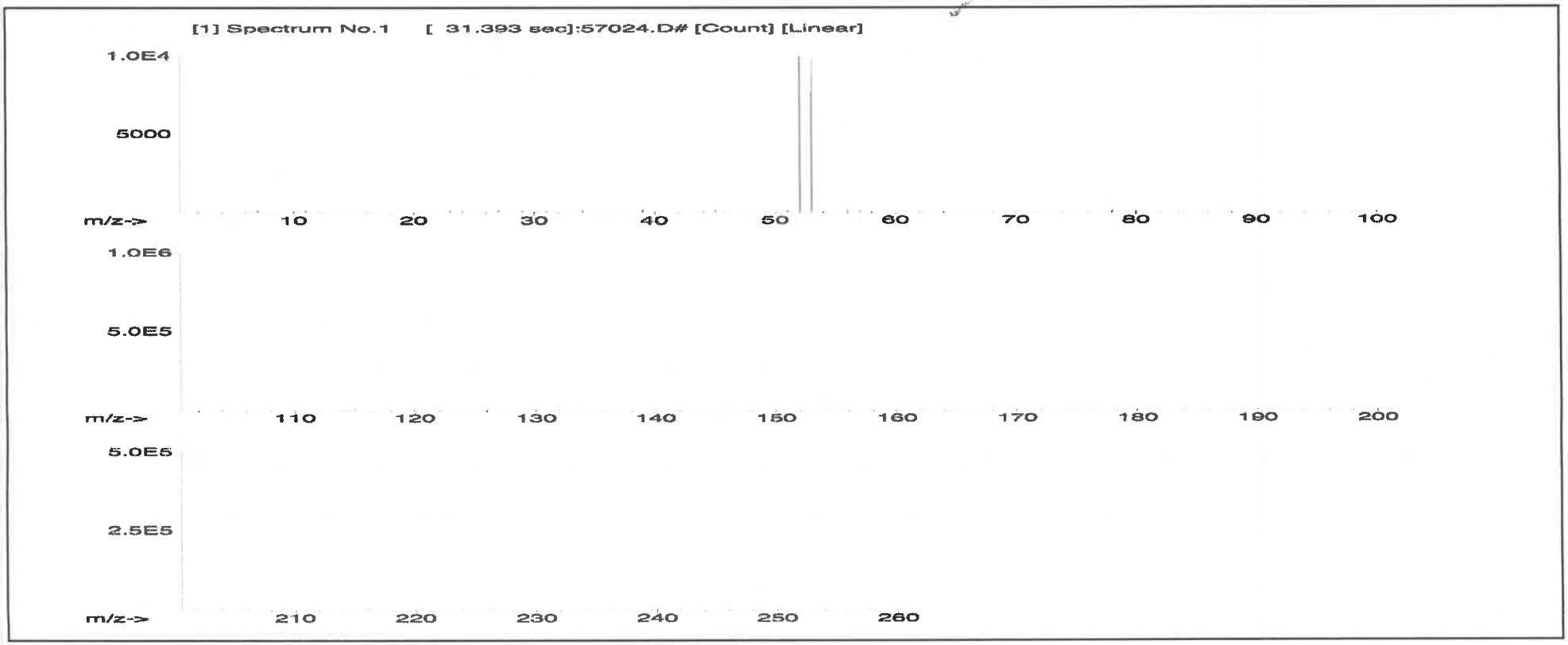
1363

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.
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M5648 R: 10/27/23

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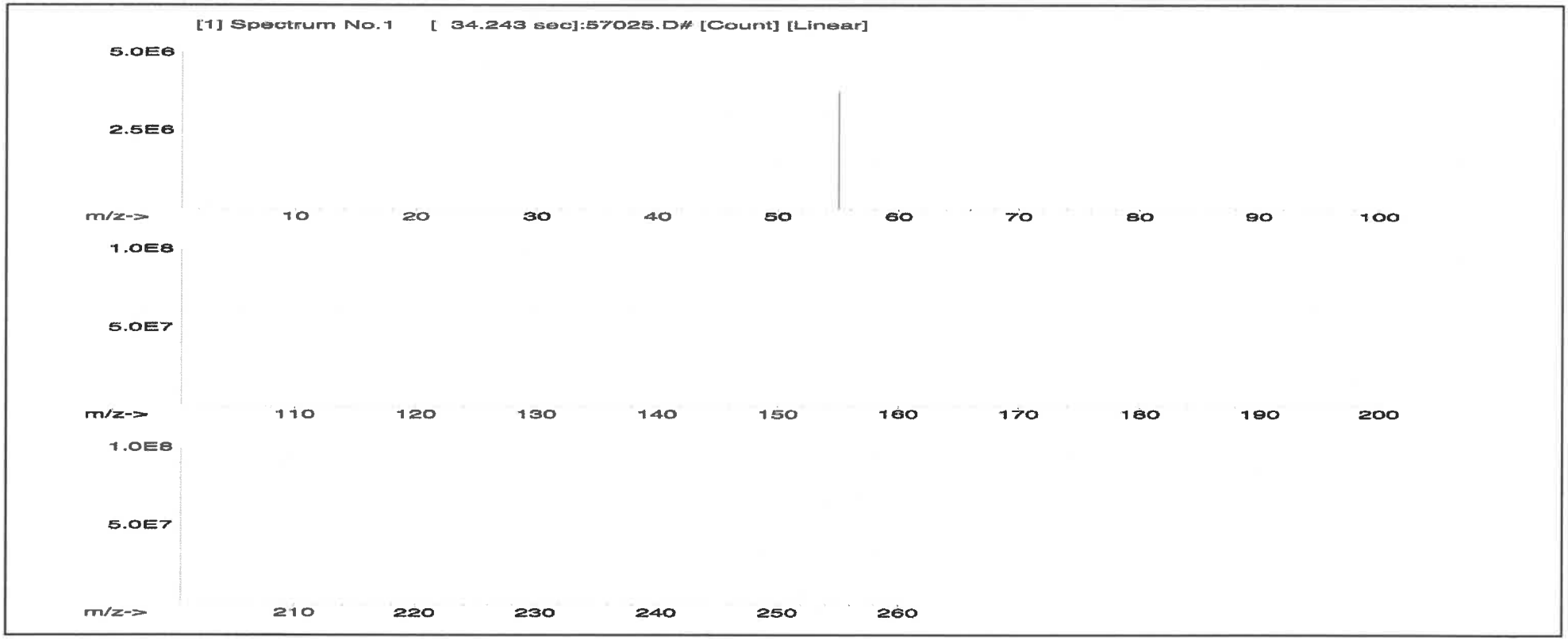
1365

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 |



1366

**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).

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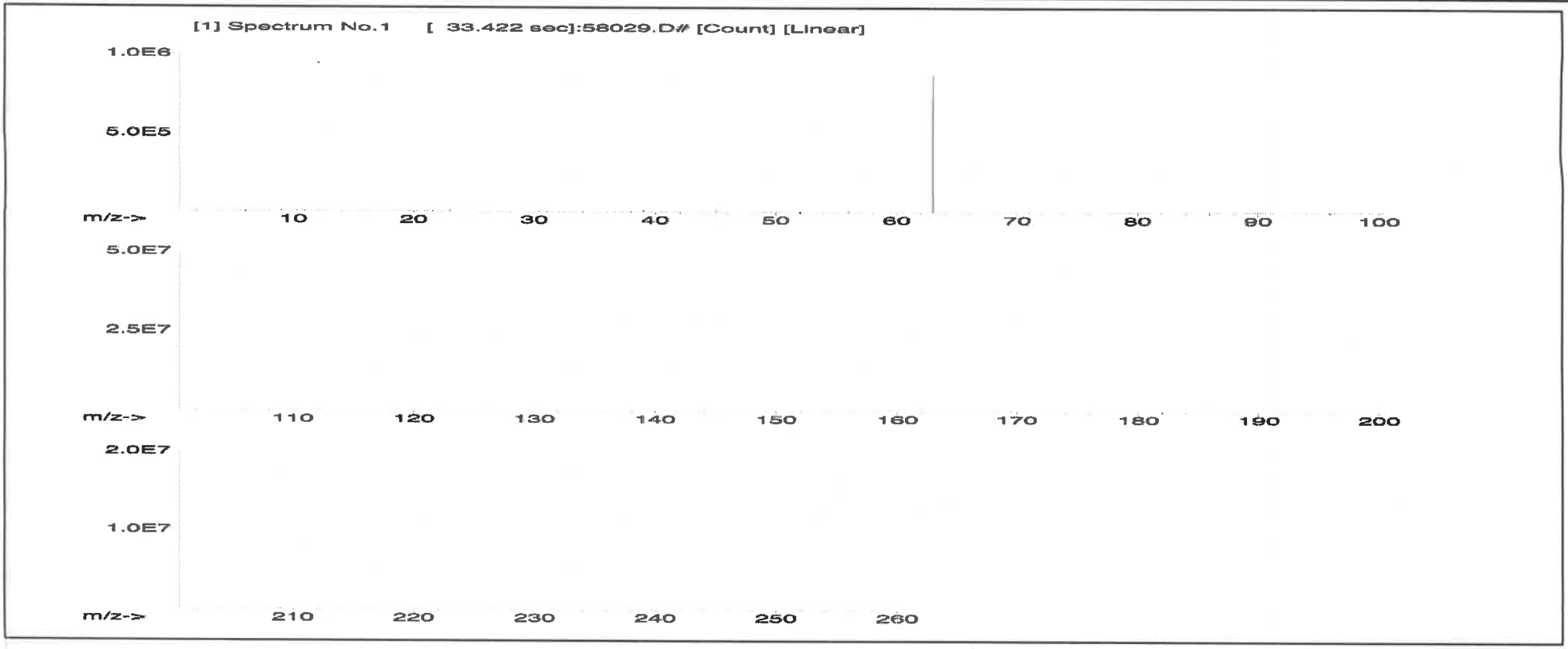
1367

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 |



13688

**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.
* 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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M5768 M5769 (BP) R:1/3/24

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1369

## 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

M5768. M5769 (BP) R: 1/3/24

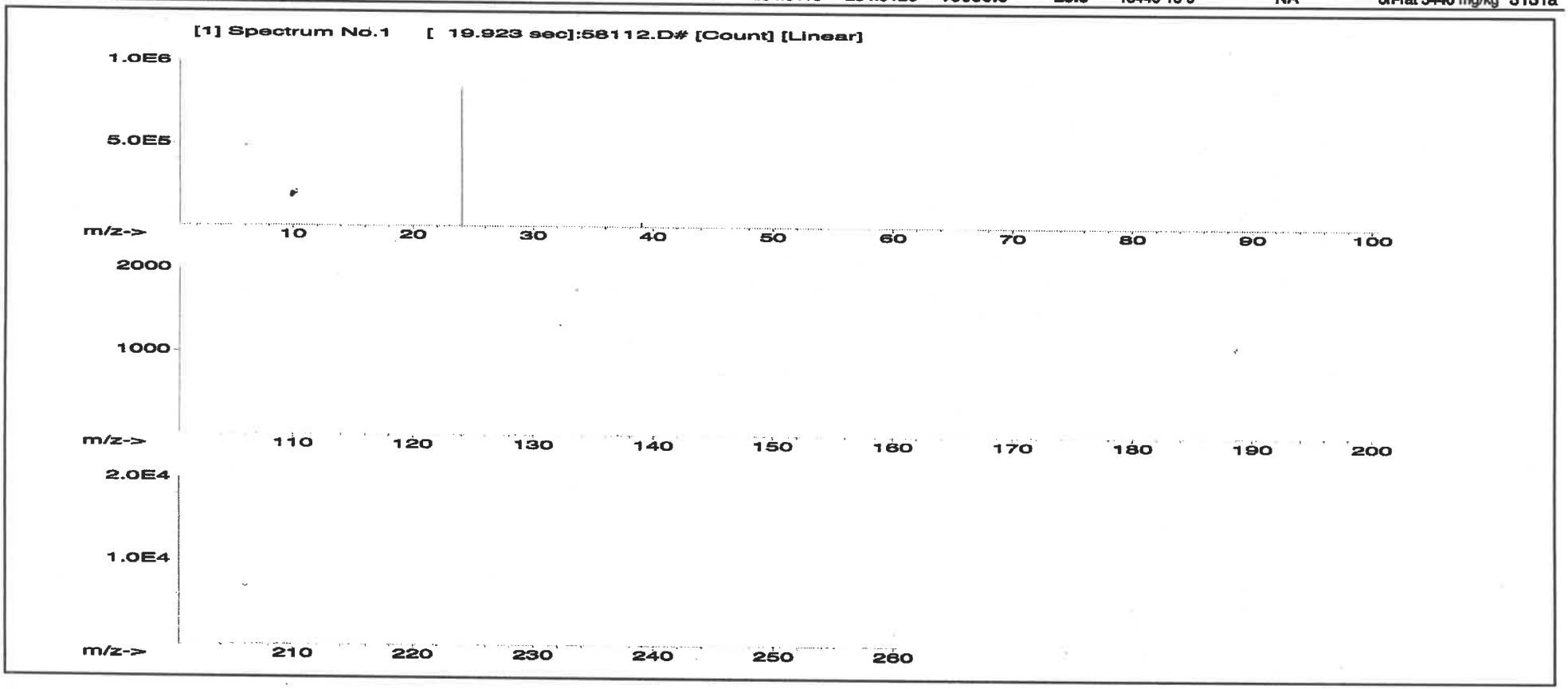
**Weight shown below was diluted to (mL):** 2000.02 0.058 Flask Uncertainty 5E-05 Balance Uncertainty

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

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 |



1370

**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.
* 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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1371

## 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 |

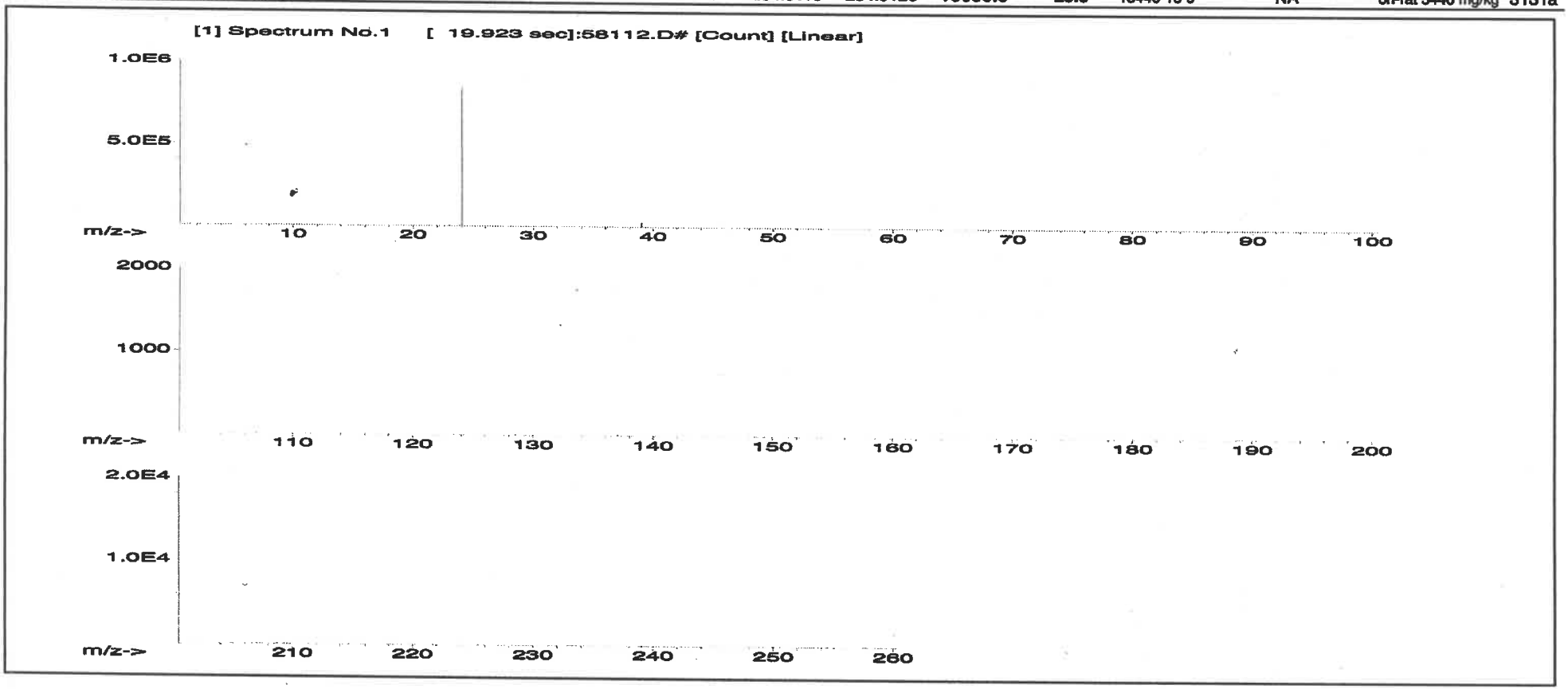
5E-05 Balance Uncertainty

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 | orl-rat 5440 mg/kg | 3131a |



1372

**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.
* 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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* 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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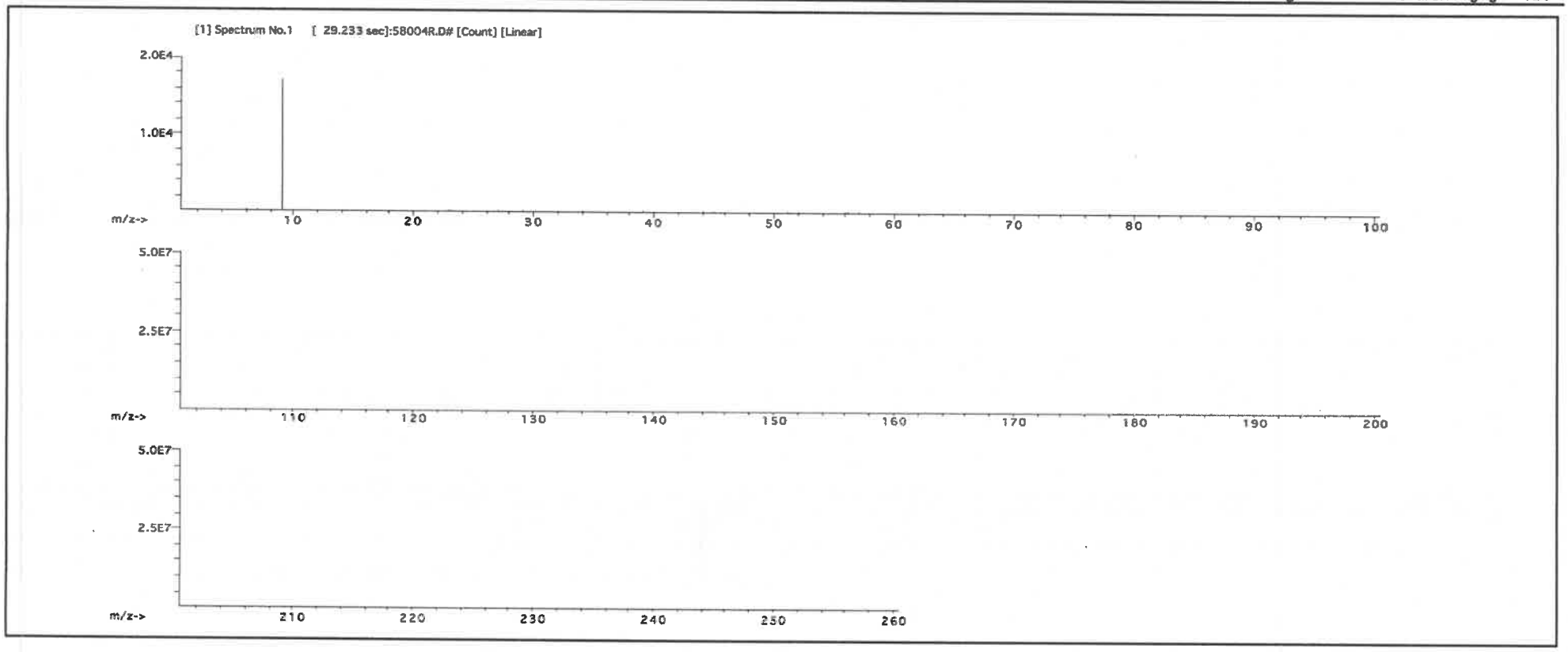
1373

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.
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1375

**CERTIFIED WEIGHT REPORT:**

**Part Number:** 57050
**Lot Number:** 071123
**Description:** Tin (Sn)

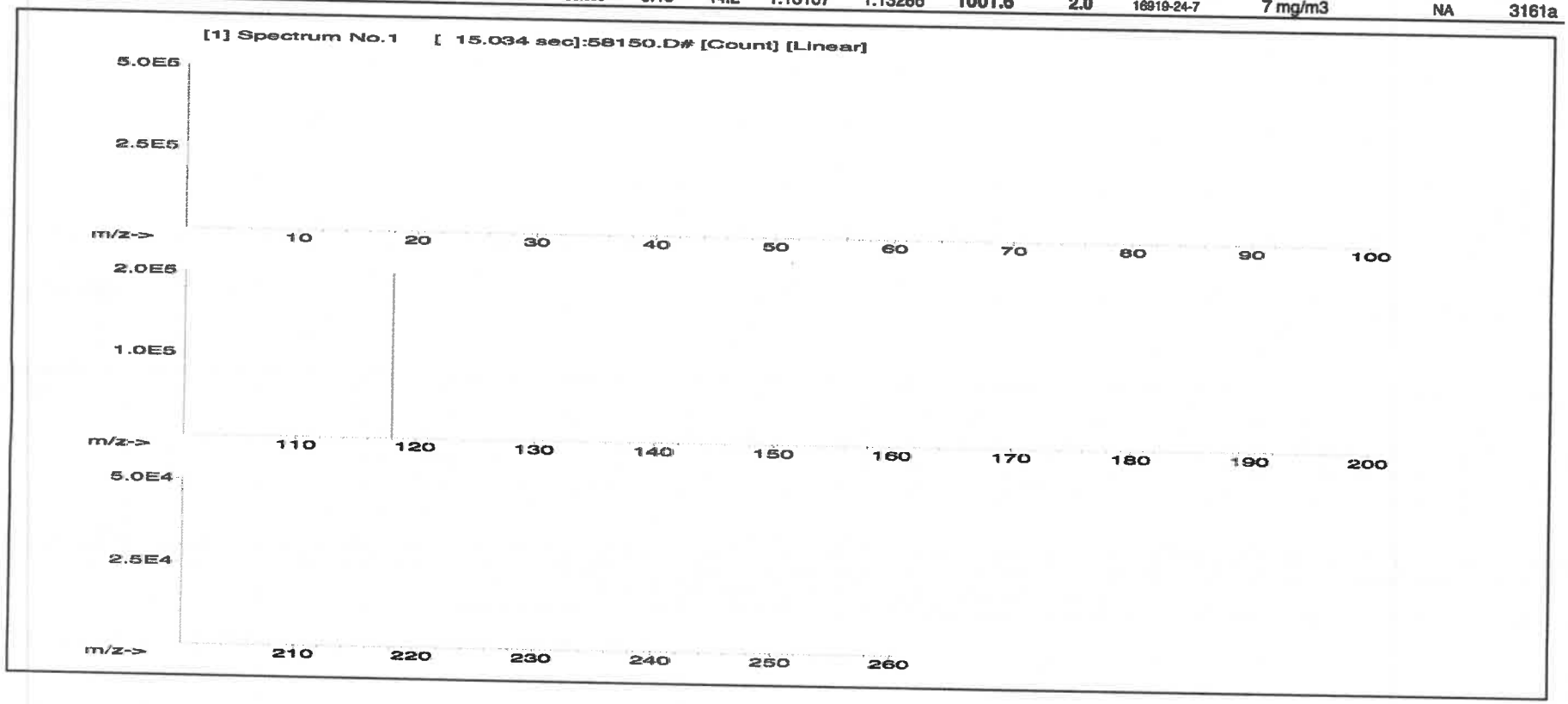
**Expiration Date:** 071126
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 499.93

| | 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 |



1376

**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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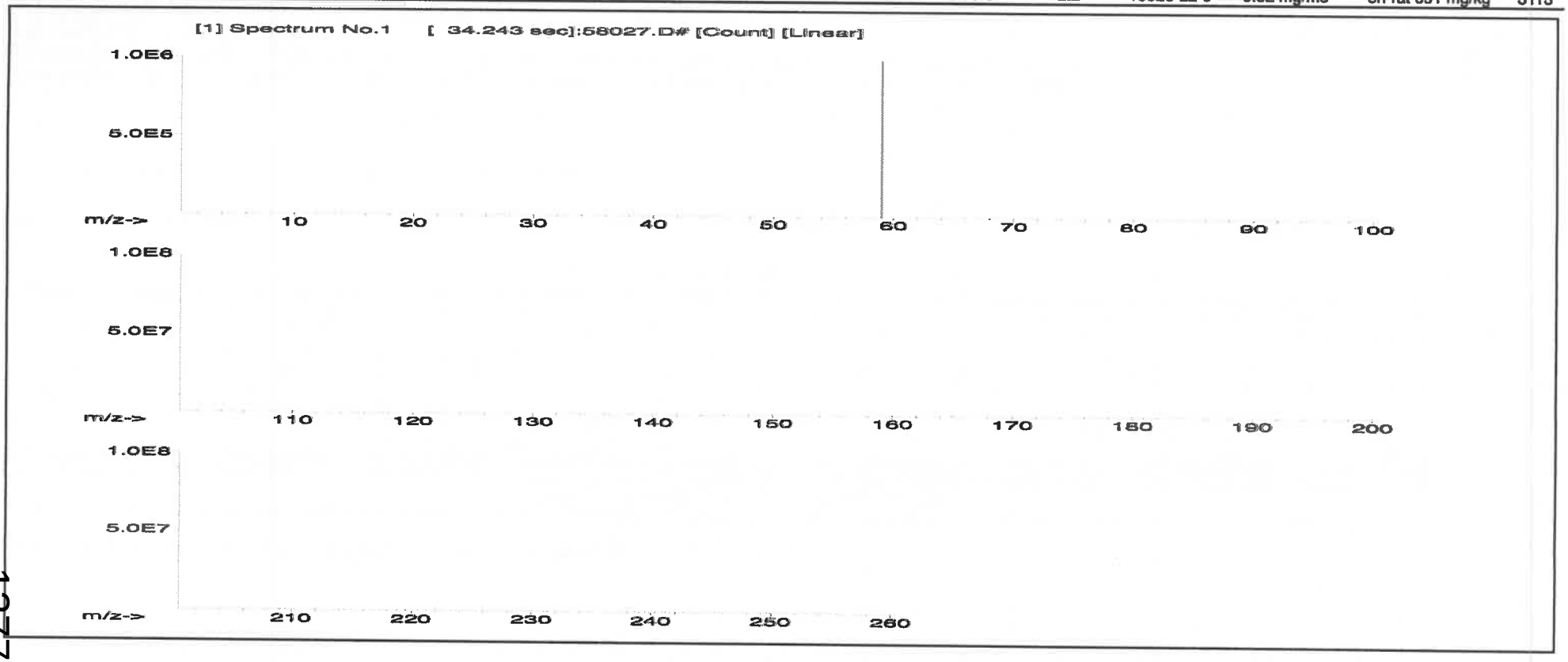
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CERTIFIED WEIGHT REPORT:

| | | 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 |




137

**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.
* 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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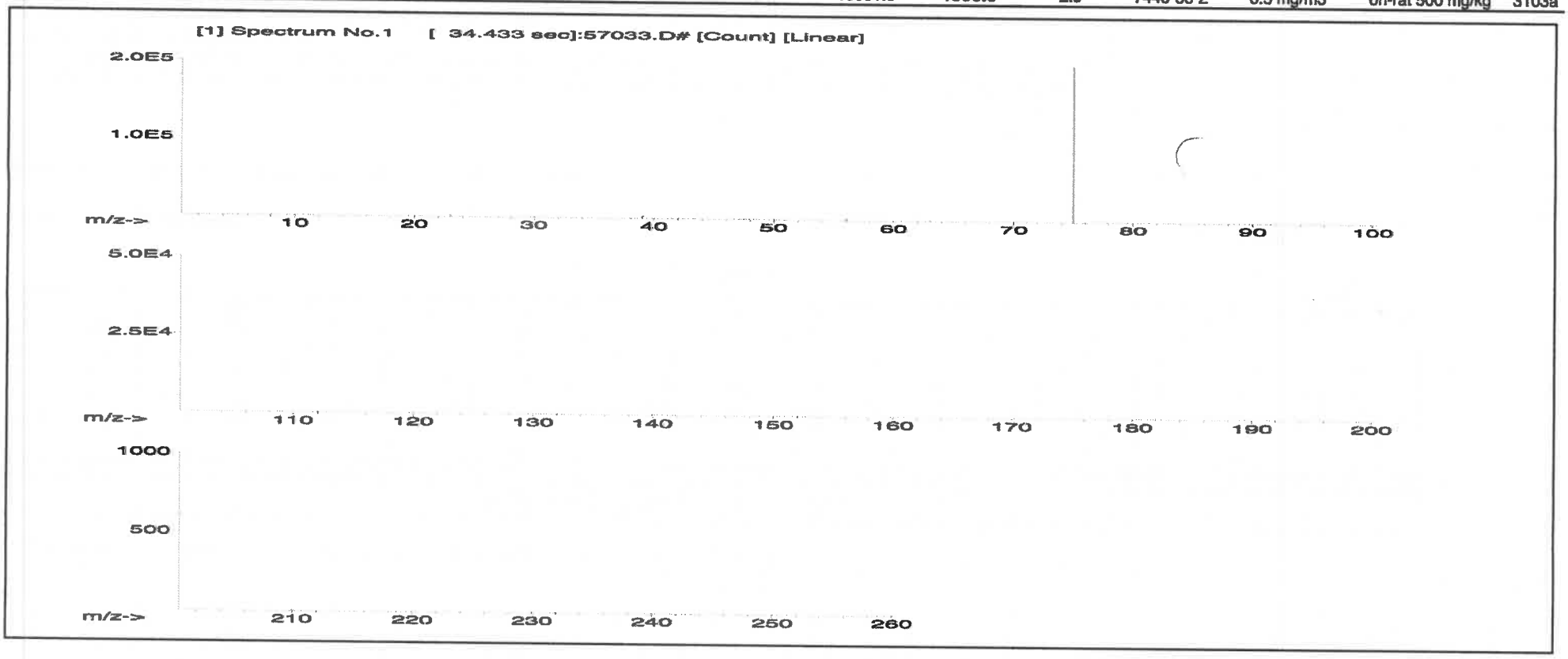
1379

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 |



1380

**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:**

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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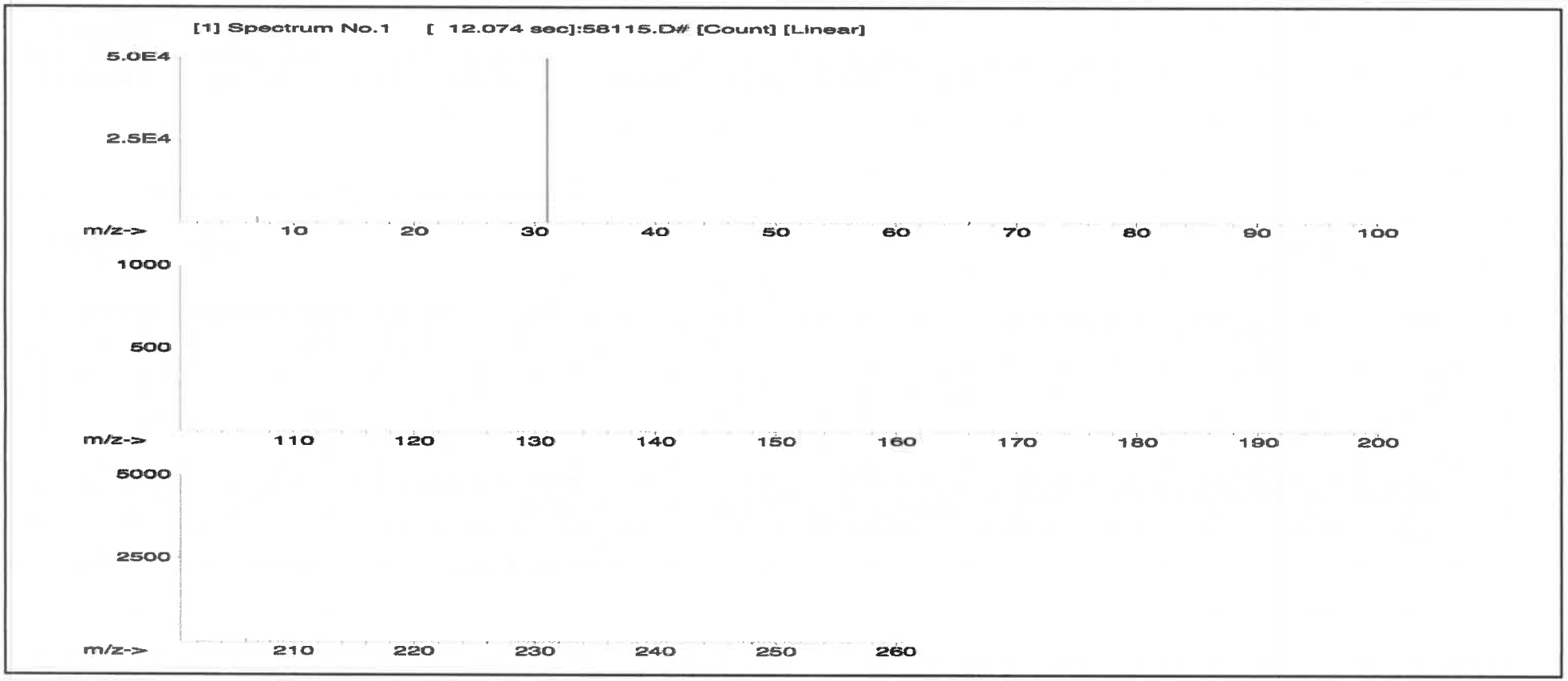
1381

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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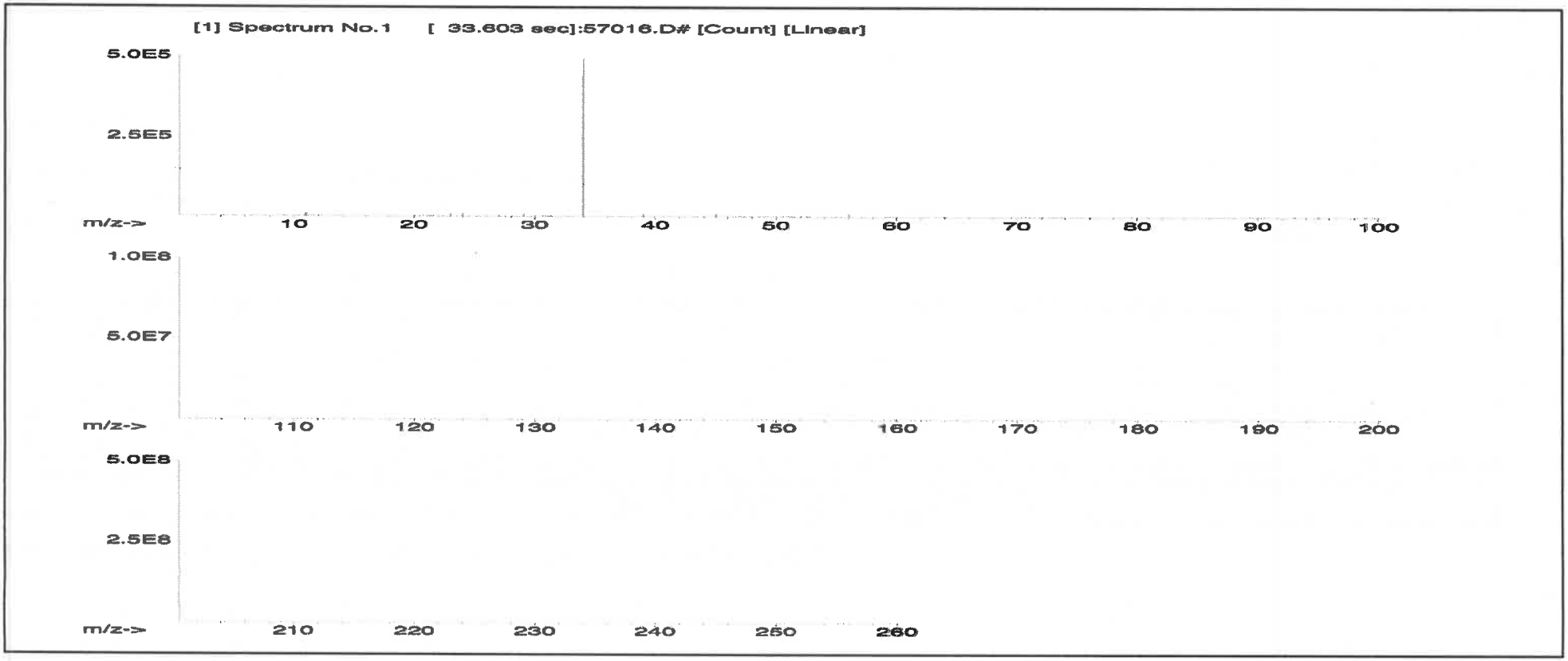
1383

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 |



1384

**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.
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1385

CERTIFIED WEIGHT REPORT:

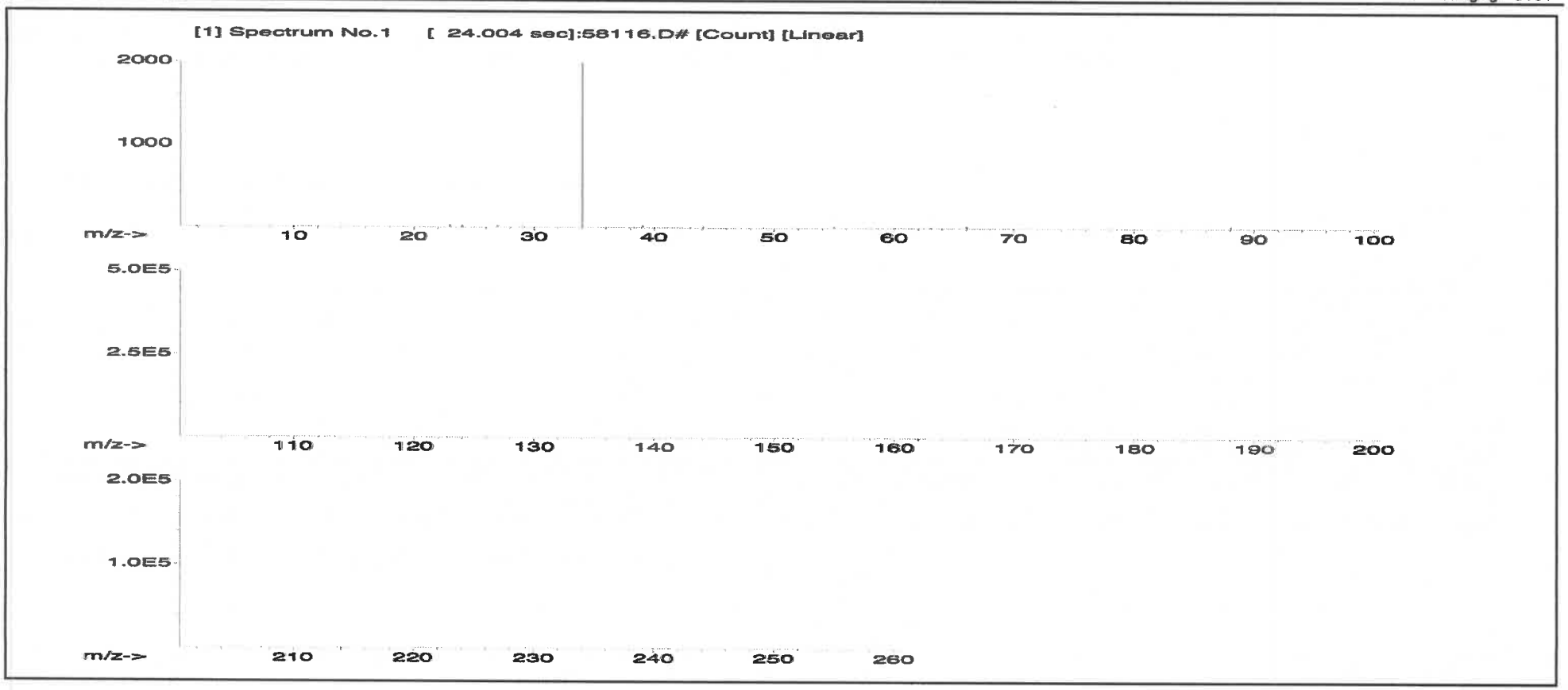
**Part Number:** 57116
**Lot Number:** 071123
**Description:** Sulfur (S)

**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 | ori-rat 4250mg/kg | 3181 |



1386

**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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1387

## 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

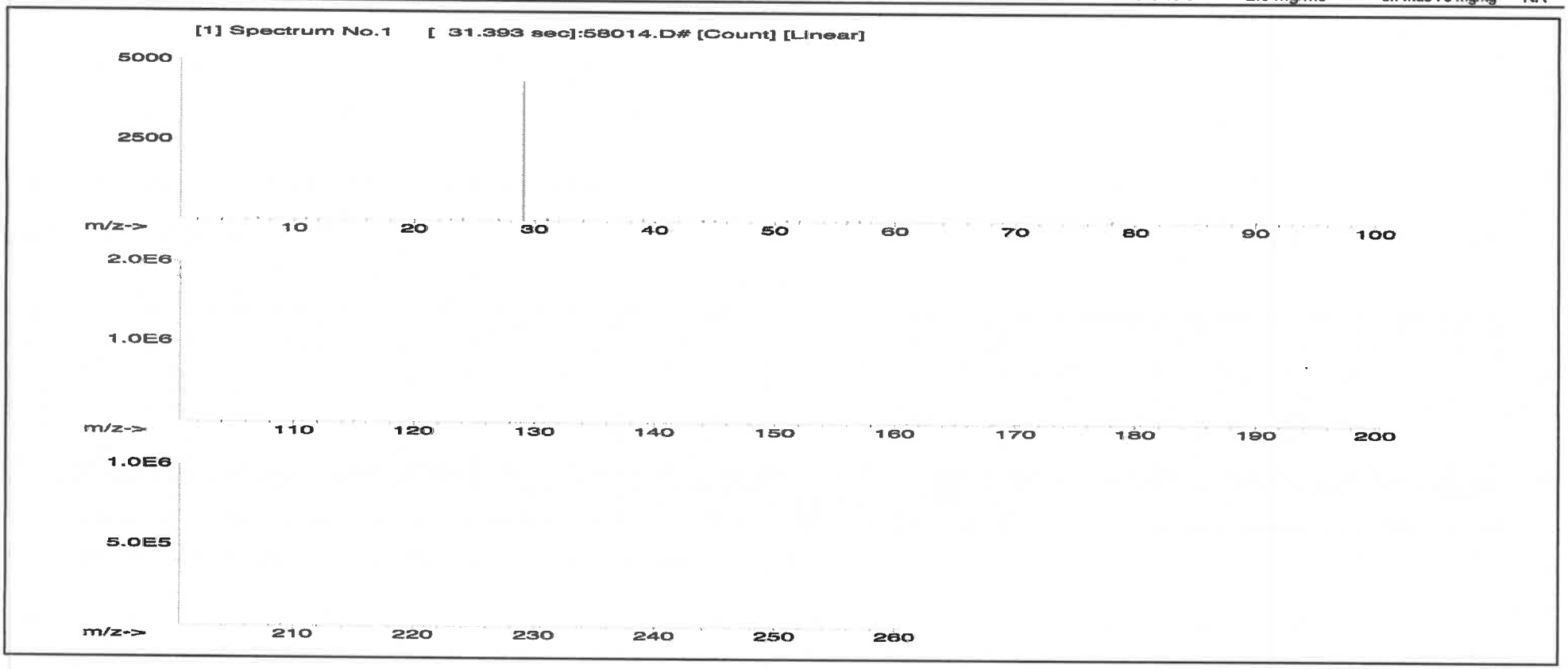
Aleah O'Brady

| 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 |



13889

**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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1389

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

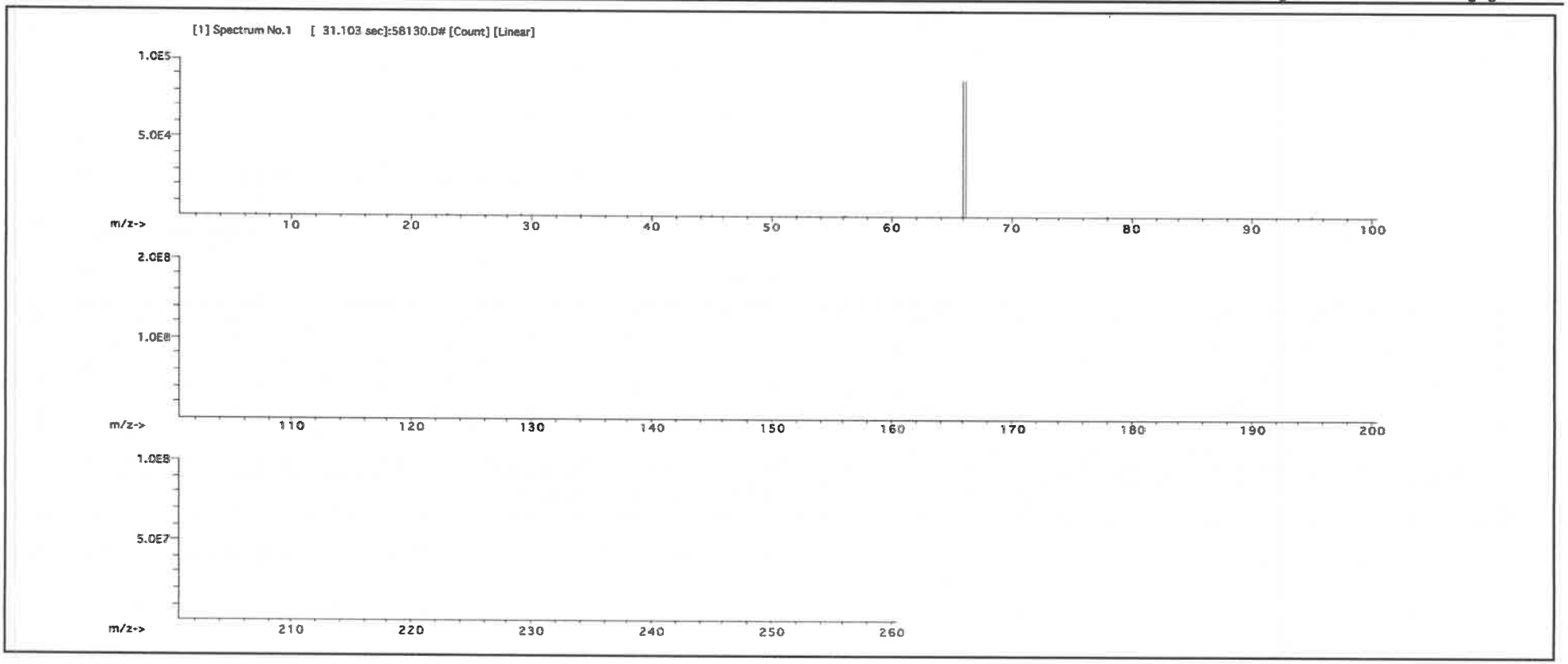
**Weight shown below was diluted to (mL):** 3000.4 0.06 Flask Uncertainty

| | | 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:

* 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.
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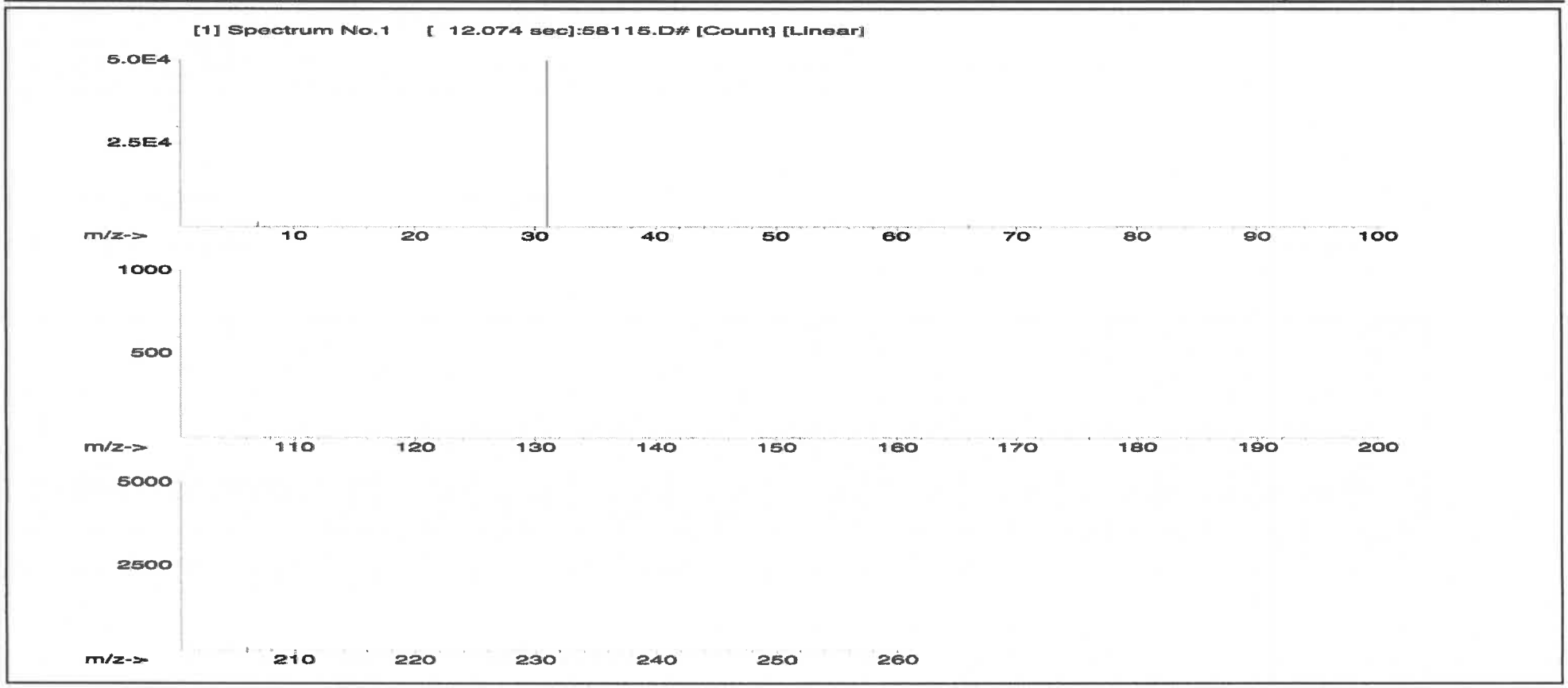
1391

CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57015** | | **Lot #** | | |
| **Lot Number:** | **091123** | **Solvent:** | 24002546 | Nitric Acid | |
| **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 | rl-rat >2000mg/k | 3186 |



1392

**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.
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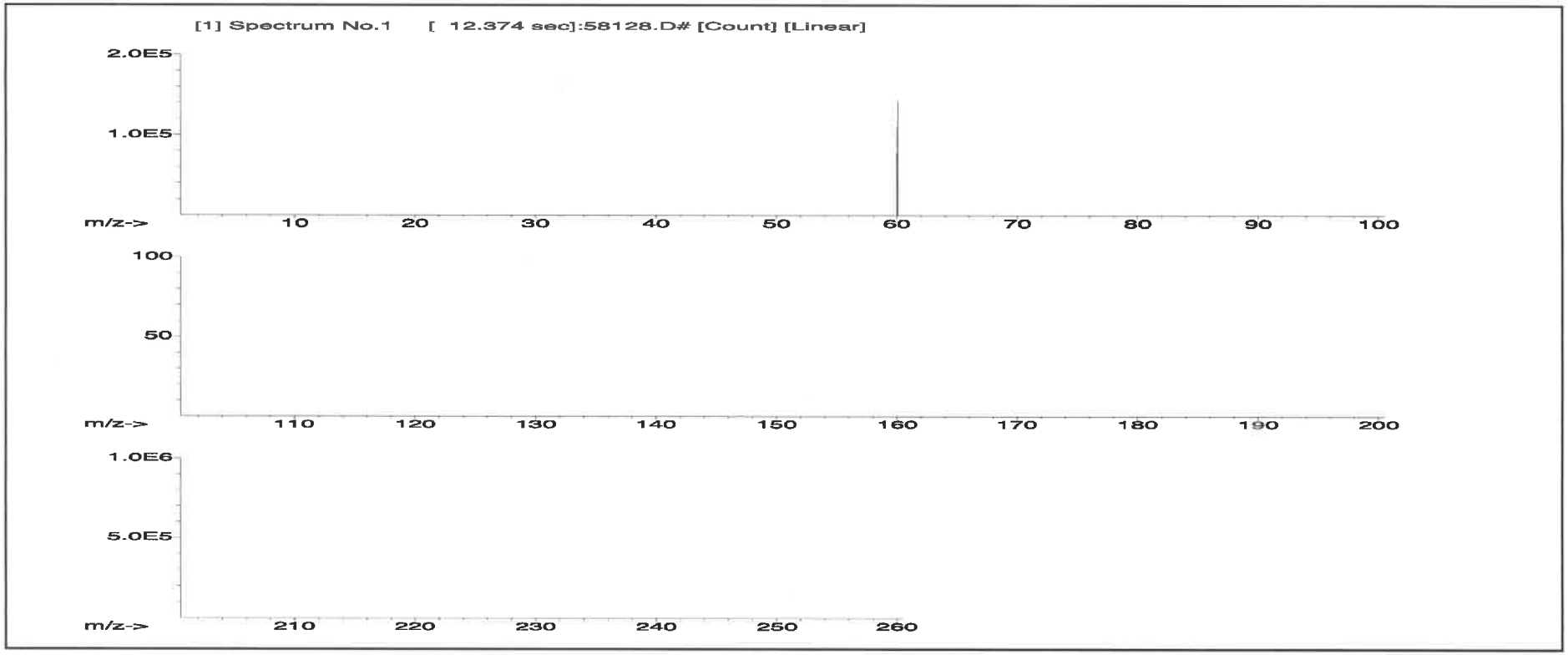
1393

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 |



**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.

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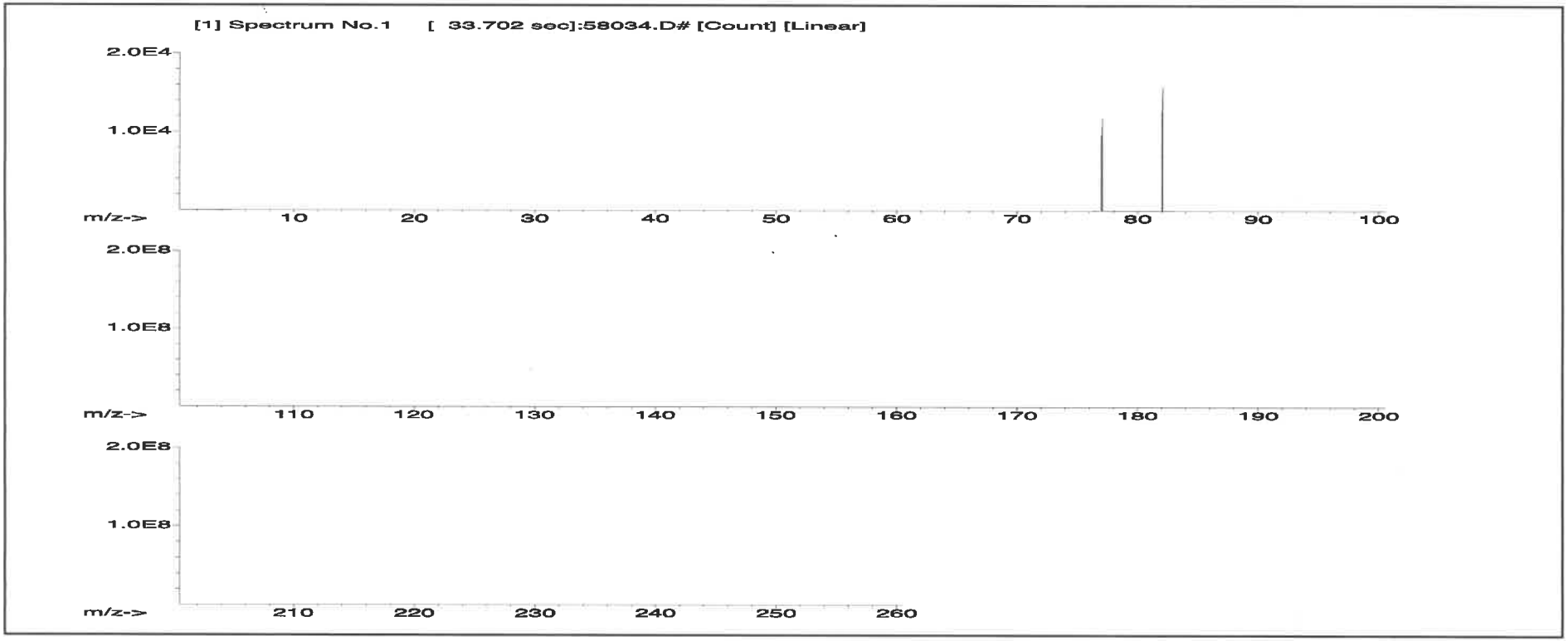
1395

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 |



**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).

INORGANIC VENTURES
Refine your results. Redefine your industry.

# Certificate of Analysis

M5976, M5977
R: 02/22/24

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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: | 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

## 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



1401

M5978, M5979

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

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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: | 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 (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

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)

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 | | |

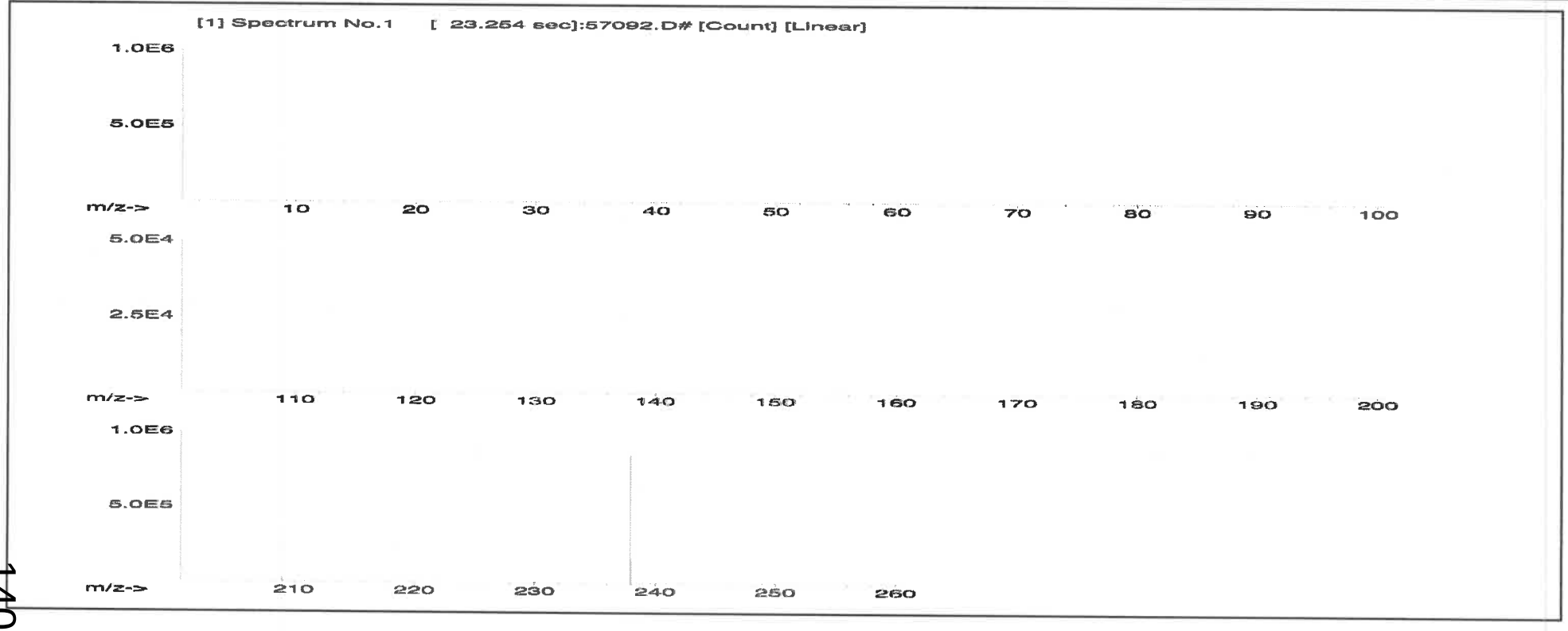
Giovanni Esposito

| 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 |




1405

**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:**

**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).

1406

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***Certified Reference Material CRM***

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AR-1539 Certificate Number
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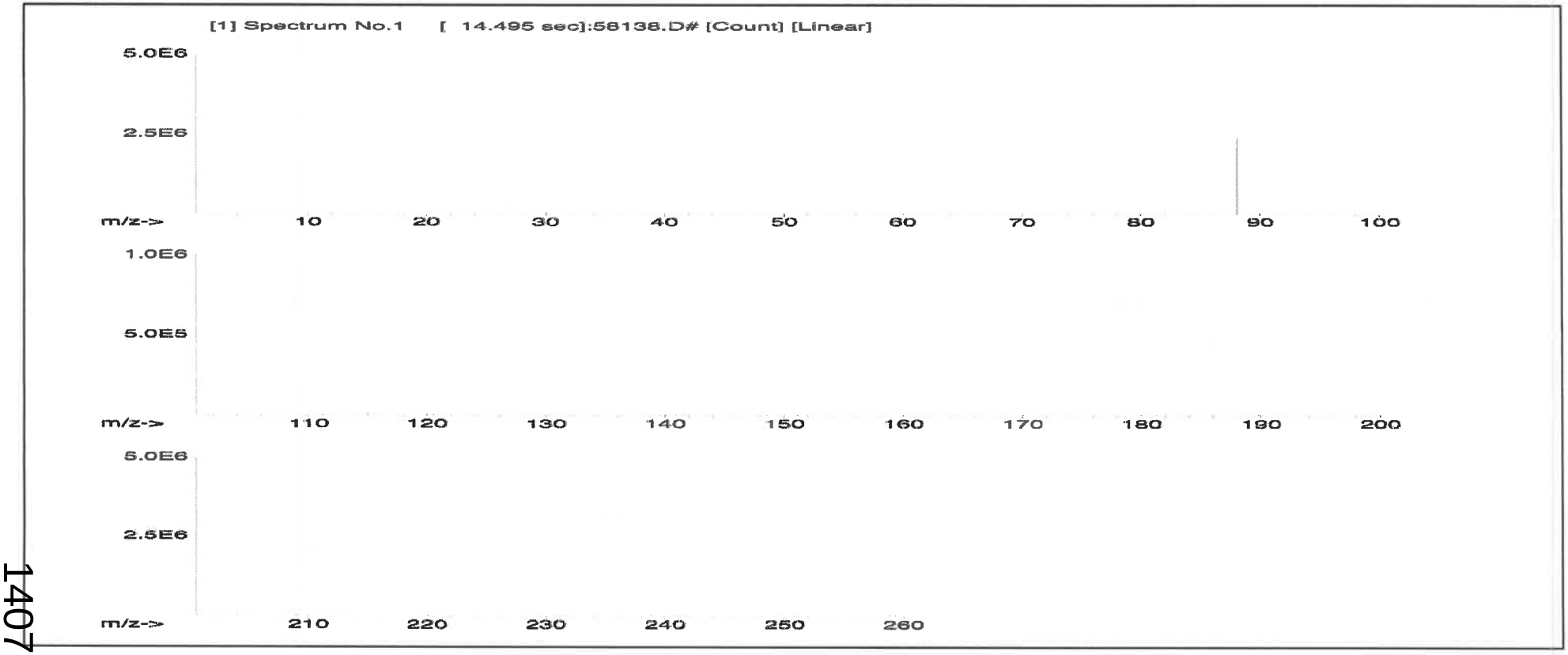
45982 R: 6/11/24

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 |




1407

**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).

1408

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*Certified Reference Material CRM*

M5983 R: 6/11/24

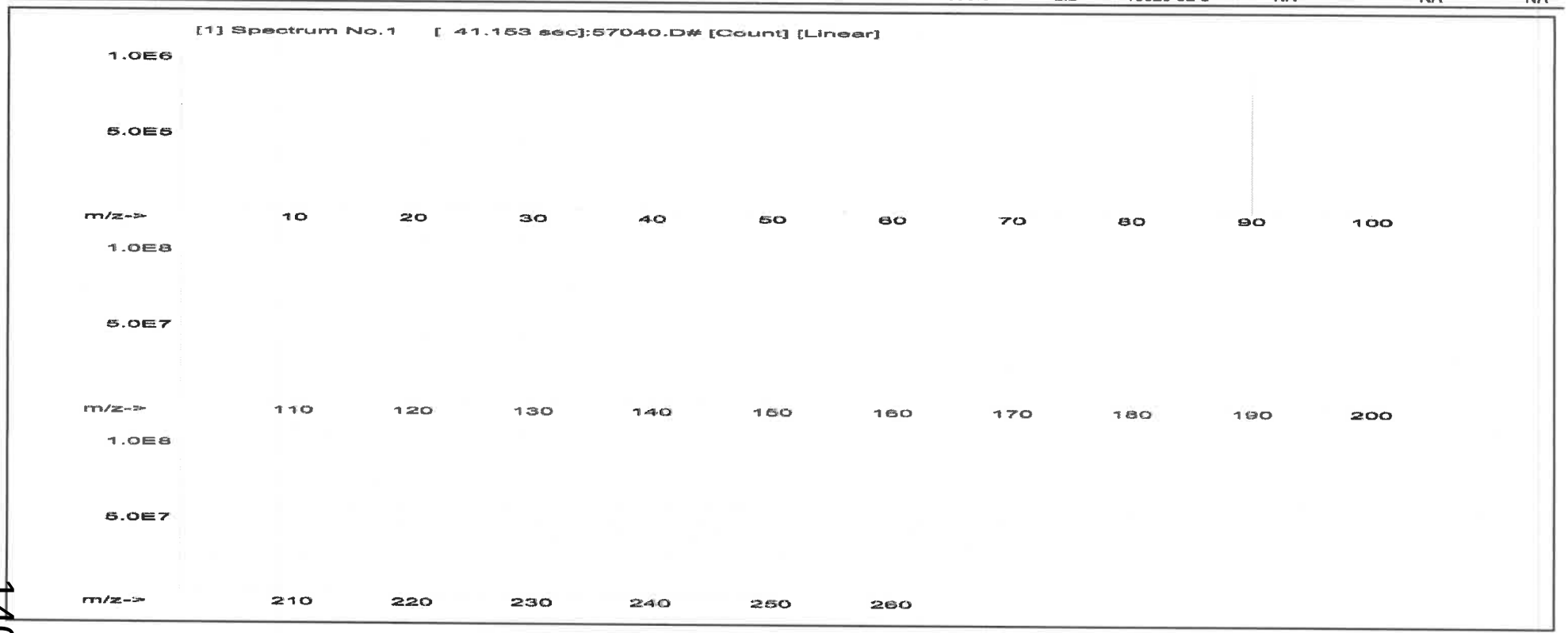
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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 |




1409

**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.
* 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).

1410

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

R: 2/22/2024
M5999

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: | 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:**



1411

| 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
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1415

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 | | |

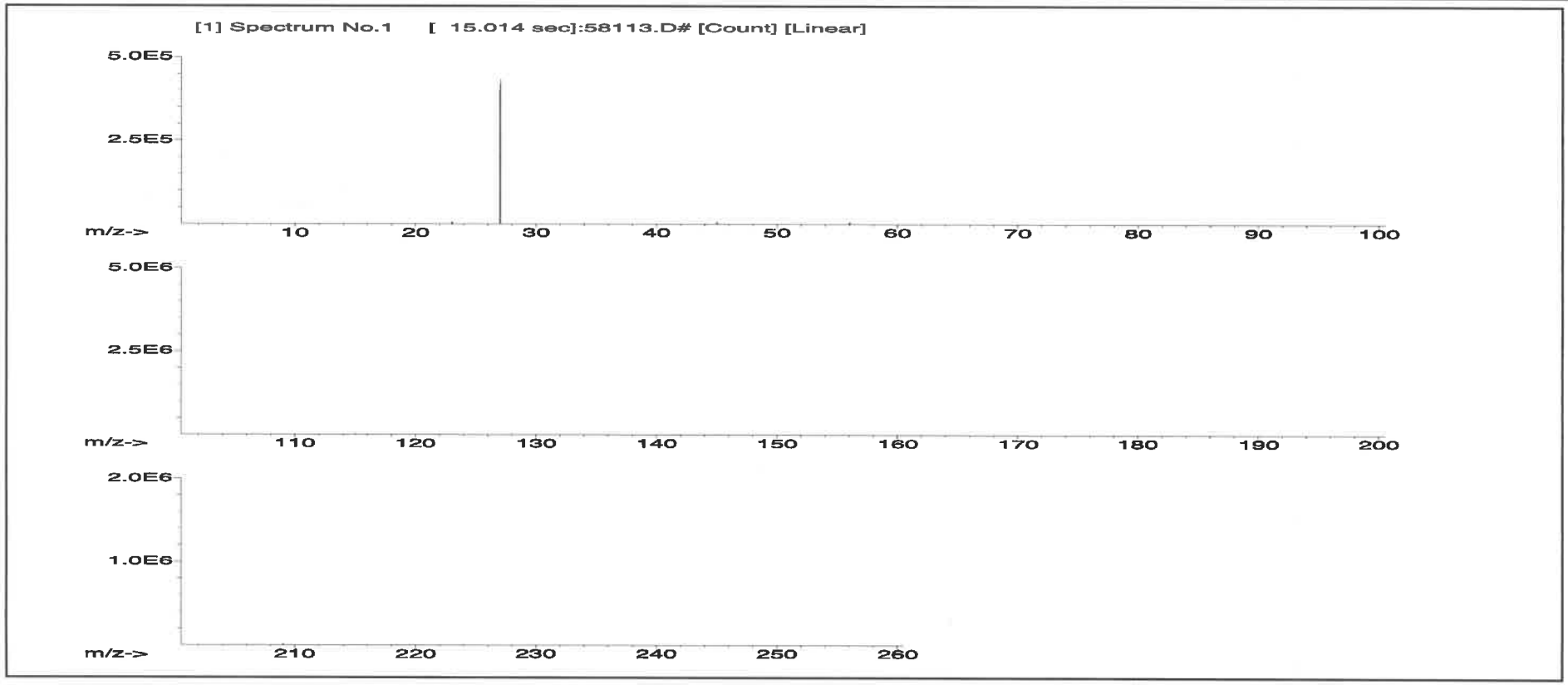
Giovanni Esposito

| | | |
|---|---|---|
| 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:**

| 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

1423

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

James Ethier
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

1424

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

1427

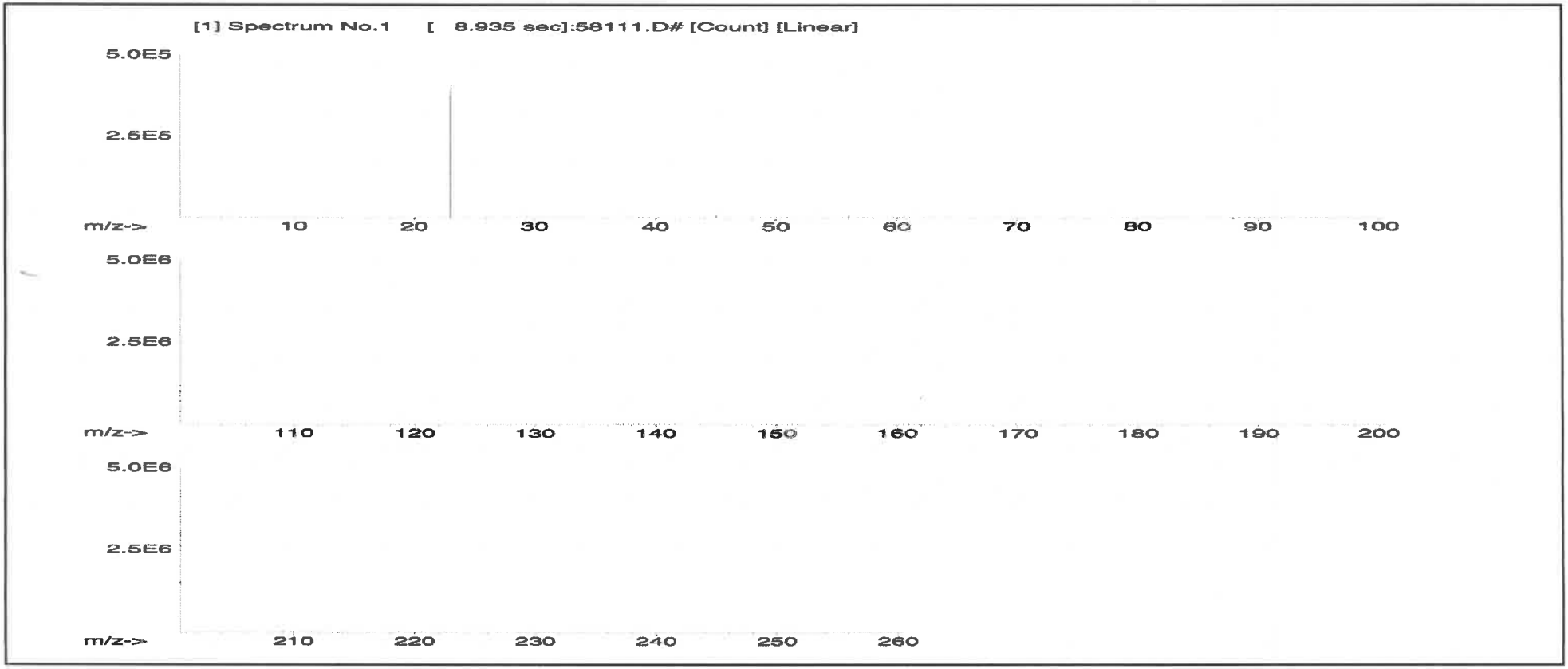
## CERTIFIED WEIGHT REPORT:

| | | | 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 |



1428

**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:**

| 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.

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R: 01/03/24 M5802, M5803

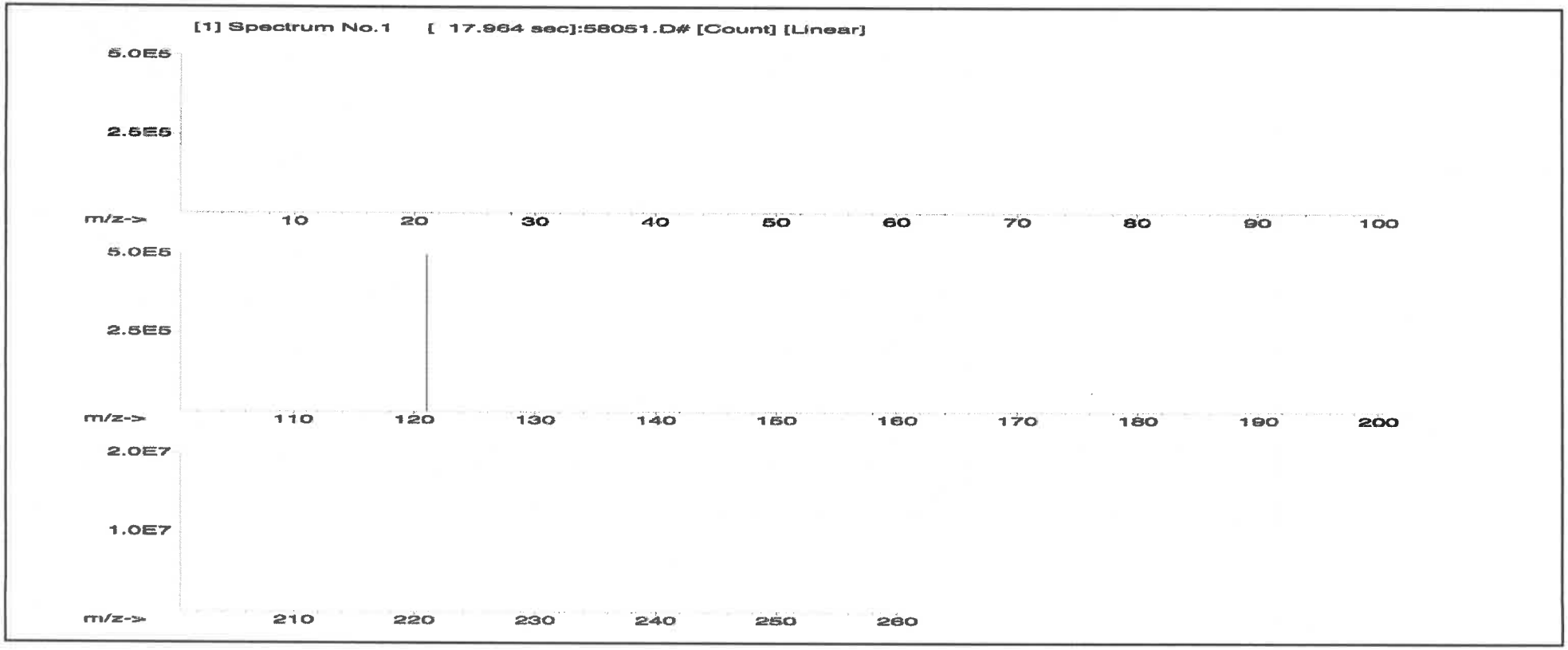
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CERTIFIED WEIGHT REPORT:

| | | 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 |



14388

**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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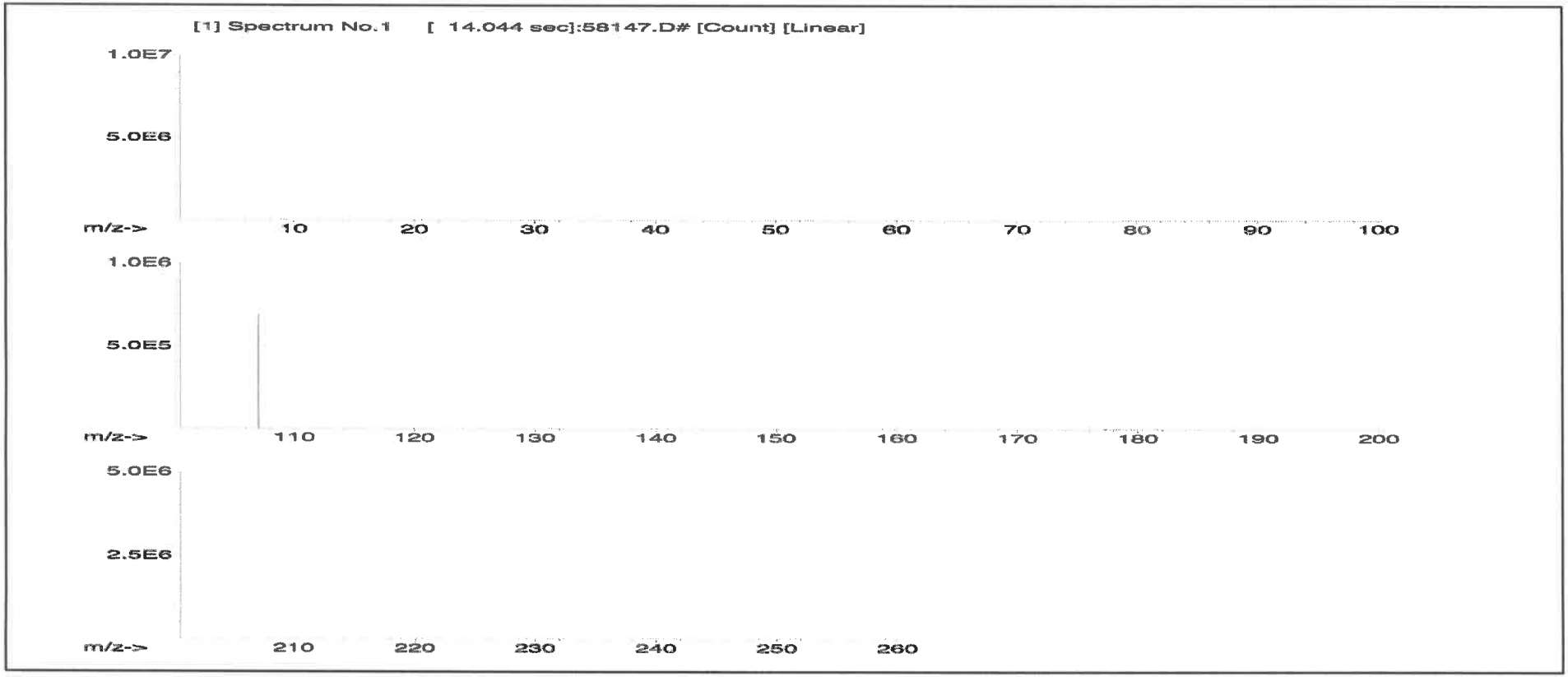
1439

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 |



1440

**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.
* 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: 03/16/23 M5473, M5474, M5475, M5476

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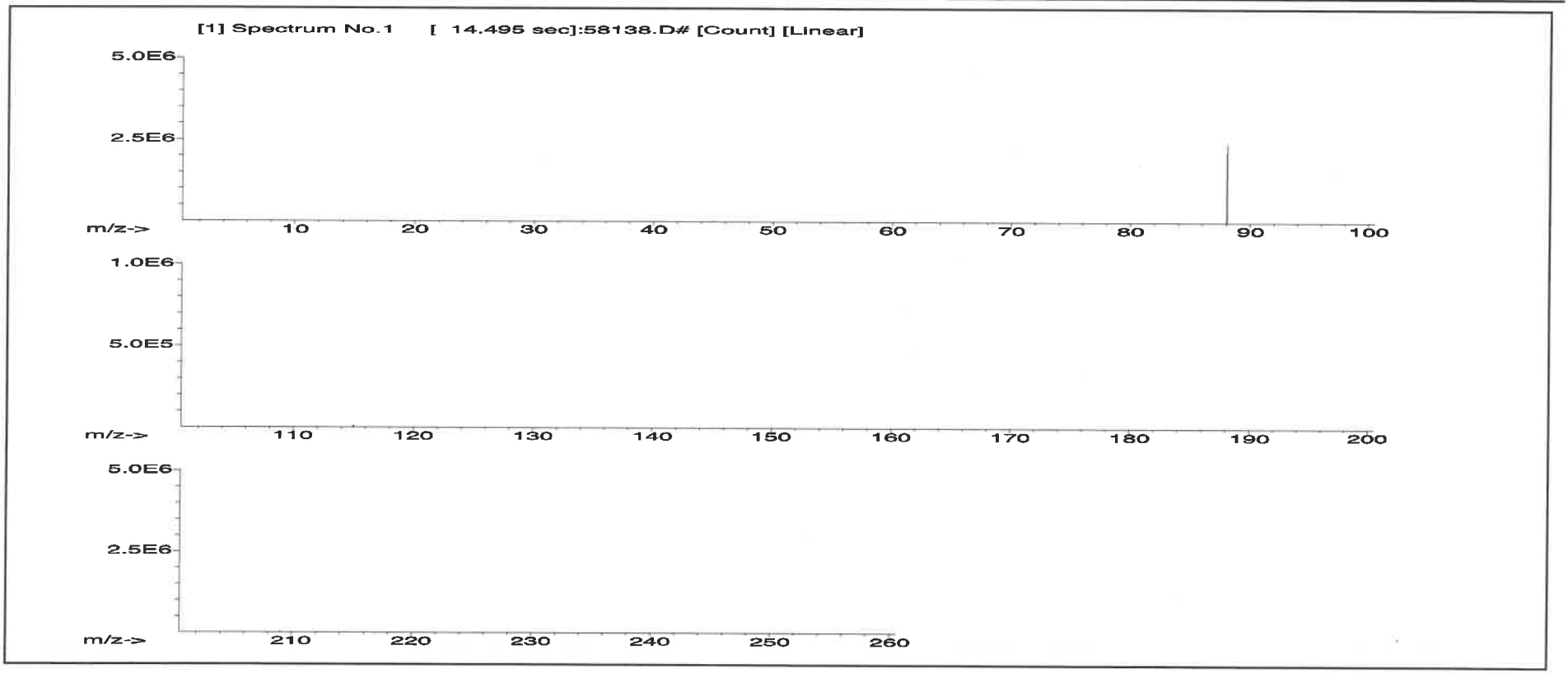
1441

CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **56138** | | **Lot #** | | |
| **Lot Number:** | **082922** | **Solvent:** | 20510011 | Nitric Acid | |
| **Description:** | **Strontium (Sr)** | | | | |
| | | 2% | 20.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 082925 | | | | |
| **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):** | 1000.12 | 0.058 | Flask Uncertainty | | |

| | | |
|---|---|---|
| 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 |



1442

**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.
* 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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1443

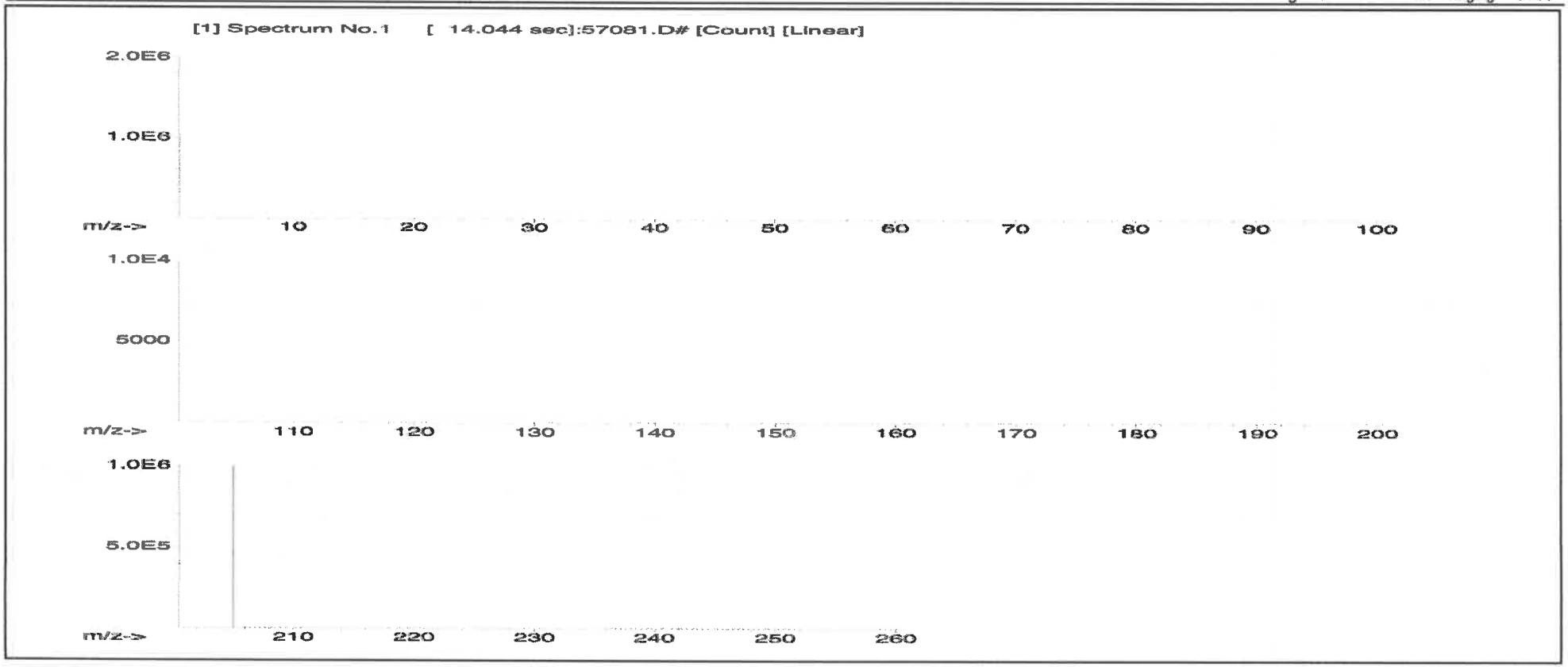
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **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 |



1444

**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.
* 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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1445

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 | |

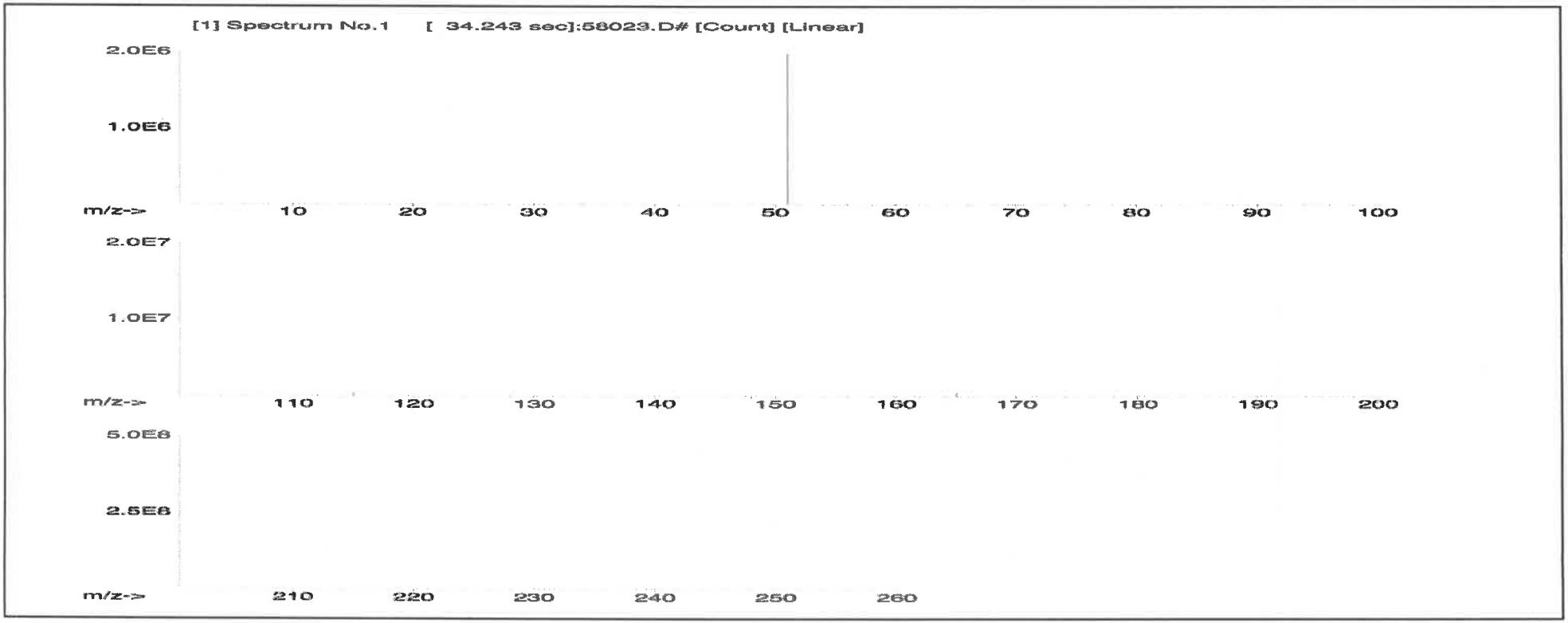
Aleah O'Brady

| 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 |



1446

**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**

PB165821

**SOP ID :** M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

**SDG No :** MJNBZ1

**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 #3 2. N/A

**Start Digest Date:** 12/23/2024 **Time :** 11:35 **Temp :** 96 °C

**End Digest Date:** 12/23/2024 **Time :** 14:55 **Temp :** 96 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** MET-DIG. # 3

**Dig Technician Signature:** SLG.

**Supervisor Signature:** MB

**Temp :** 1. 96°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| LCSS | 1.00 | MP83781 |
| 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 | 5.00 | 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 #3 CELL #34 :96

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 12/23/24 15:55 | SLG. met digestion | MB - metal Lab |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

**PB165821**

| Lab Sample ID | Client Sample ID | pH | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| P5250-01 | MJNBZ1 | N/A | 1.16 | 500 | Brown | Yellow | Medium | N/A | N/A | 24 |
| P5250-02 | MJNBZ3 | N/A | 1.32 | 500 | Brown | Yellow | Medium | N/A | N/A | 25 |
| P5250-03 | MJNBZ4 | N/A | 1.15 | 500 | Brown | Yellow | Medium | N/A | N/A | 26 |
| P5250-04 | MJNBZ7 | N/A | 1.34 | 500 | Brown | Yellow | Medium | N/A | N/A | 27 |
| P5250-05 | MJNBZ8 | N/A | 1.15 | 500 | Brown | Yellow | Medium | N/A | N/A | 28 |
| P5250-06 | MJNBZ2 | N/A | 1.15 | 500 | Brown | Yellow | Medium | N/A | N/A | 29 |
| P5250-07 | MJNBZ2D | N/A | 1.08 | 500 | Brown | Yellow | Medium | N/A | N/A | 31 |
| P5250-08 | MJNBZ2S | N/A | 1.24 | 500 | Brown | Yellow | Medium | N/A | MP83671 | 32 |
| PB165821BL | PBS821 | N/A | 1.00 | 500 | Colorless | Colorless | Fine | N/A | N/A | 33 |
| PB165821BS | LCS821 | N/A | 1.00 | 500 | Colorless | Colorless | Fine | N/A | MP83781 | 34 |
| PB165821BSD | LCSD821 | N/A | 1.00 | 500 | Colorless | Colorless | Fine | N/A | MP83781 | 35 |

SJ 12/26/2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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 | MP83781 |
| 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 | MP83781 |
| Chk Standard | MP83635,MP83634 |

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|---|---|---|---|---|---|---|---|
| 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 | MS | 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 As-0.034ml mp83764,Sb-0.04ml mp83714 , Cd-0.02ml mp83784 , Se-0.01ml mp83723 , Tl-0.02ml mp83716-10ml Sample | 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 | P5266-04L | ME28Y9L | SD | 12/27/24 16:57 | | 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 | MP83781 |
| Chk Standard | MP83635,MP83634 |

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|---|---|---|---|---|---|---|---|
| 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 |
| 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 | Dilution |
| 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 | Not Use | Jaswal | Not Ok |
| 47 | P5250-07 | MJNBZ2D | DUP | 12/27/24 17:36 | Not Use | Jaswal | Not Ok |
| 48 | P5250-06L | MJNBZ2L | SD | 12/27/24 17:39 | Not Use | Jaswal | Not Ok |
| 49 | P5250-08 | MJNBZ2S | MS | 12/27/24 17:42 | Not Use | Jaswal | Not 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 | Not Use | Jaswal | Not Ok |
| 53 | PB165859BS | LCS859 | LCS | 12/27/24 17:55 | Not Use | Jaswal | Not Ok |
| 54 | CCV013 | CCV013 | CCV | 12/27/24 18:01 | | 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 | MP83781 |
| Chk Standard | MP83635,MP83634 |

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|---|---|---|---|---|---|---|---|
| 55 | CCB013 | CCB013 | CCB | 12/27/24 18:11 | Inst. paused for review | Jaswal | OK |
| 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 |

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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 | MP83781 |
| Chk Standard | MP83635,MP83634 |

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|---|---|---|---|---|---|---|---|
| 75 | P5363-06RE | MJNKA6 | SAM | 12/27/24 19:15 | Not Use | Jaswal | Not Ok |
| 76 | P5347-01 | MJNBZ9 | SAM | 12/27/24 19:18 | Not Use | Jaswal | Not 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 | Not Use | Jaswal | Not Ok |
| 80 | P5347-01L | MJNBZ9L | SD | 12/27/24 19:31 | Not Use | Jaswal | Not Ok |
| 81 | P5347-03 | MJNBZ9S | MS | 12/27/24 19:34 | Not Use | Jaswal | Not 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 | Not Use | Jaswal | Not 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 |

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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 | MP83781 |
| Chk Standard | MP83635,MP83634 |

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|---|---|---|---|---|---|---|---|
| 95 | P5364-02 | MJNKA7 | SAM | 12/27/24 20:20 | | Jaswal | OK |
| 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 |

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## 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 | MP83781 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 115 | P5363-01 | MJNKA0 | SAM | 12/27/24 21:32 | | Jaswal | OK |
| 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 , INT_STD 209Bi (1) Fail | 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 |

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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 | MP83781 |
| Chk Standard | MP83635,MP83634 |

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|---|---|---|---|---|---|---|---|
| 134 | CCV017 | CCV017 | CCV | 12/27/24 23:44 | | Jaswal | OK |
| 135 | CCB017 | CCB017 | CCB | 12/27/24 23:47 | | Jaswal | OK |
| 136 | P5266-18DL | ME2903 | SAM | 12/27/24 23:51 | 2X For Cr | Jaswal | Confirms |
| 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 | Dilution |
| 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 |

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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 | MP83781 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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 |
| 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 | 2X for Int_std 209Bi , Still high | Jaswal | Dilution |
| 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 |
| | | | | | | | |

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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 | MP83781 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 170 | P5266-04A | ME28Y9A | PS | 12/28/24 01:37 | PS For Sb,As,Cd,Se,Tl,Zn(0.0004 ml mp83835,0.029ml mp83764,0.025ml mp83784,0.01ml mp83723,0.02ml mp83716,0.0042ml m5819-10ml sample) | Jaswal | OK |
| 171 | P5352-04A | ME2926A | PS | 12/28/24 01:40 | PS For Sb,As,Cd,Se,Tl(0.0004ml mp83835,0.033ml mp83765,0.02ml mp83784,0.01ml mp83723,0.02ml mp83716-10ml sample) | Jaswal | OK |
| 172 | P5347-05A | MJNBZ5A | PS | 12/28/24 01:43 | PS For Sb,As,Cd,Se,Tl(0.0004ml mp83835,0.016ml mp83764,0.02ml mp83784,0.01ml mp83723,0.02ml mp83716-10ml sample) | Jaswal | OK |
| 173 | P5250-06A | MJNBZ2A | PS | 12/28/24 01:47 | Not Use | Jaswal | Not OK |
| 174 | CCV019 | CCV019 | CCV | 12/28/24 01:50 | | Jaswal | OK |
| 175 | CCB019 | CCB019 | CCB | 12/28/24 01:53 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134159

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 1/5/2025 11:27:09 PM |
| Supervise By | Mohan Bera | Supervise On | 1/5/2025 11:27:56 PM |

| 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 | TUNE001 | TUNE | 01/03/25 19:10 | | Jaswal | OK |
| 2 | S00 | S0 | CAL1 | 01/03/25 19:44 | | Jaswal | OK |
| 3 | S01 | S01 | CAL2 | 01/03/25 19:47 | | Jaswal | OK |
| 4 | S02 | S02 | CAL3 | 01/03/25 19:50 | | Jaswal | OK |
| 5 | S03 | S03 | CAL4 | 01/03/25 19:54 | | Jaswal | OK |
| 6 | S04 | S04 | CAL5 | 01/03/25 19:57 | | Jaswal | OK |
| 7 | S05 | S05 | CAL6 | 01/03/25 19:59 | | Jaswal | OK |
| 8 | S06 | S06 | CAL7 | 01/03/25 20:02 | | Jaswal | OK |
| 9 | S07 | S07 | CAL8 | 01/03/25 20:05 | | Jaswal | OK |
| 10 | S08 | S08 | CAL9 | 01/03/25 20:08 | | Jaswal | OK |
| 11 | ICV001 | ICV001 | ICV | 01/03/25 20:17 | Inst. paused for Calibration Data review | Jaswal | OK |
| 12 | ICB001 | ICB001 | ICB | 01/03/25 20:24 | Inst. paused for review | Jaswal | OK |
| 13 | ICSA001 | ICSA001 | ICSA | 01/03/25 20:36 | Inst. paused for review | Jaswal | OK |
| 14 | ICSAB001 | ICSAB001 | ICSAB | 01/03/25 20:39 | | Jaswal | OK |
| 15 | CCV001 | CCV001 | CCV | 01/03/25 20:42 | | Jaswal | OK |
| 16 | CCB001 | CCB001 | CCB | 01/03/25 20:44 | Al Fail | Jaswal | OK |
| 17 | P5250-06 | MJNBZ2 | SAM | 01/03/25 20:48 | | Jaswal | OK |
| 18 | P5250-07 | MJNBZ2D | DUP | 01/03/25 20:51 | | Jaswal | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134159

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 1/5/2025 11:27:09 PM |
| Supervise By | Mohan Bera | Supervise On | 1/5/2025 11:27:56 PM |

| 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 | P5250-06L | MJNBZ2L | SD | 01/03/25 20:54 | | Jaswal | OK |
| 20 | P5250-08 | MJNBZ2S | MS | 01/03/25 20:58 | | Jaswal | OK |
| 21 | P5388-01 | MH2D26 | SAM | 01/03/25 21:01 | Not Use | Jaswal | Not Ok |
| 22 | P5388-02 | MH2D29 | SAM | 01/03/25 21:04 | Not Use | Jaswal | Not Ok |
| 23 | P5388-03 | MH2D32 | SAM | 01/03/25 21:07 | Not Use | Jaswal | Not Ok |
| 24 | P5388-04 | MH2D35 | SAM | 01/03/25 21:16 | | Jaswal | OK |
| 25 | CCV002 | CCV002 | CCV | 01/03/25 21:21 | | Jaswal | OK |
| 26 | CCB002 | CCB002 | CCB | 01/03/25 21:28 | Inst. paused for review | Jaswal | OK |

EPA SAMPLE NO.

MJNBZ1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-01

% Solids: 89.4 Date Received: 12/11/2024

Analytical Method: Hg

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 |
|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.083 | J | 12/27/2024 | 1121 |

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

Comments:

EPA SAMPLE NO.

MJNBZ2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-06

% Solids: 90.6 Date Received: 12/14/2024

Analytical Method: Hg

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 |
|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.10 | U | 12/27/2024 | 1132 |

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

Comments:

EPA SAMPLE NO.

MJNBZ3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-02

% Solids: 79.5 Date Received: 12/11/2024

Analytical Method: Hg

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 |
|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.094 | J | 12/27/2024 | 1123 |

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

Comments:

EPA SAMPLE NO.

MJNBZ4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-03

% Solids: 75.7 Date Received: 12/11/2024

Analytical Method: Hg

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 |
|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.046 | J | 12/27/2024 | 1126 |

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

Comments:

EPA SAMPLE NO.

MJNBZ7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-04

% Solids: 66.4 Date Received: 12/14/2024

Analytical Method: Hg

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 |
|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.057 | J | 12/27/2024 | 1128 |

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

Comments:

EPA SAMPLE NO.

MJNBZ8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-05

% Solids: 81.9 Date Received: 12/14/2024

Analytical Method: Hg

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 |
|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.12 | U | 12/27/2024 | 1130 |

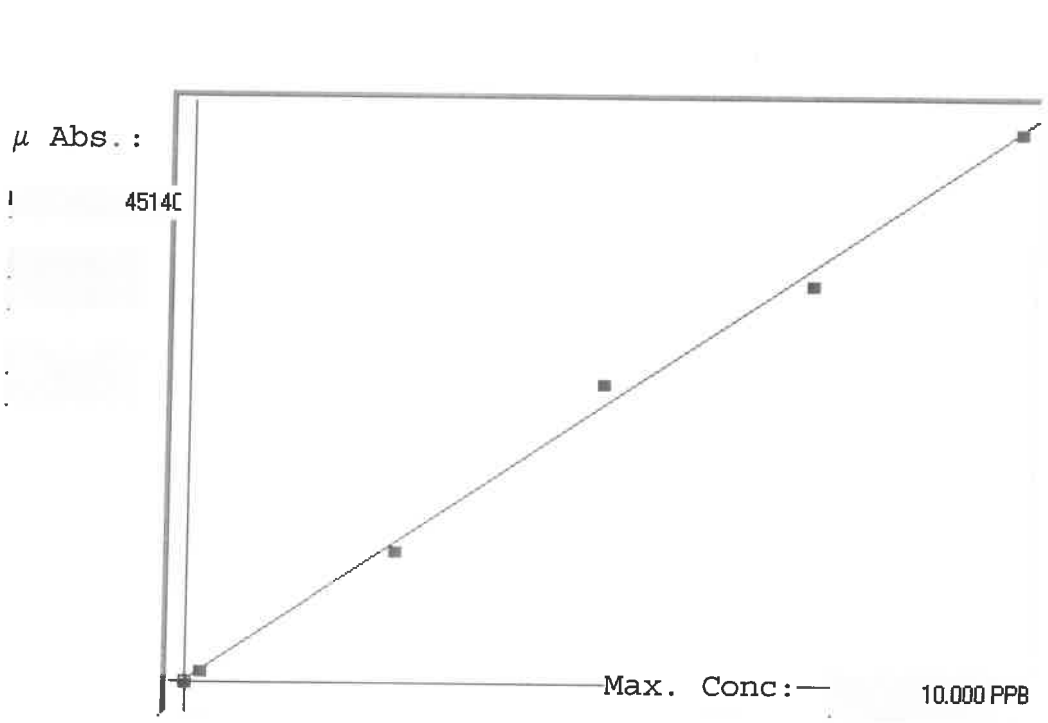
NOTE: Hardness (total) is reported in mg/L

Comments:

Reviewed By:mohan
On:12/27/2024 8:37:39 PM
Inst Id :CV1

LB134105

SFAM01.1 INSTRUMENT ID: CV1




| Std ID | Conc. | Calc. | Dev. | Mean | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | %D |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.000 | -0.025 | -0.025 | 36 | 0.000 | 36 | 0 | | | | = |
| 0.05 | 0.050 | | | | | 442 | 0 | | | | -8 |
| 0.20 | 0.200 | 0.185 | -0.015 | 981 | 0.0 % | 981 | | | | | -4 |
| 2.50 | 2.500 | 2.390 | -0.110 | 10911 | 0.0 % | 10911 | | | | | +9 |
| 5.00 | 5.000 | 5.439 | 0.439 | 24648 | 0.0 % | 24648 | | | | | -4 |
| 7.50 | 7.500 | 7.222 | -0.278 | 32681 | 0.0 % | 32681 | | | | | 0 |
| 10.0 | 10.000 | 9.988 | -0.012 | 45140 | 0.0 % | 45140 | | | | | |

Reviewed By:mohan
On:12/27/2024 8:37:39 PM
Inst Id :CV1

LB134105

INSTRUMENT ID : CV1

| Sample ID | Extended ID | µ Abs. | Conc. | | Stnd Conc | Method | Units | Date | Type |
|---|---|---|---|---|---|---|---|---|---|
| 0 | S0 | 36 | - | | 0 | SFAM01.1 | PPB | 12/27/2024 10:30 | Std |
| 0.2 | S01 | 981 | - | | 0.2 | SFAM01.1 | PPB | 12/27/2024 10:32 | Std |
| 2.5 | S02 | 10911 | - | | 2.5 | SFAM01.1 | PPB | 12/27/2024 10:35 | Std |
| 5 | S03 | 24648 | - | | 5 | SFAM01.1 | PPB | 12/27/2024 10:39 | Std |
| 7.5 | S04 | 32681 | - | | 7.5 | SFAM01.1 | PPB | 12/27/2024 10:42 | Std |
| 10 | S05 | 45140 | - | | 10 | SFAM01.1 | PPB | 12/27/2024 10:47 | Std |
| ICV033 | ICV033 | 16931 | 3.726 | - | | SFAM01.1 | PPB | 12/27/2024 11:10 | SMPL |
| ICB033 | ICB033 | -9 | -0.0346 | - | | SFAM01.1 | PPB | 12/27/2024 11:12 | SMPL |
| CCV074 | CCV074 | 20715 | 4.566 | - | | SFAM01.1 | PPB | 12/27/2024 11:14 | SMPL |
| CCB074 | CCB074 | -58 | -0.0454 | - | | SFAM01.1 | PPB | 12/27/2024 11:17 | SMPL |
| PB165888BL | PBS888 | 182 | 0.0078 | - | | SFAM01.1 | PPB | 12/27/2024 11:19 | SMPL |
| P5250-01 | MJNBZ1 | 2156 | 0.4461 | - | | SFAM01.1 | PPB | 12/27/2024 11:21 | SMPL |
| P5250-02 | MJNBZ3 | 1937 | 0.3974 | - | | SFAM01.1 | PPB | 12/27/2024 11:23 | SMPL |
| P5250-03 | MJNBZ4 | 935 | 0.175 | - | | SFAM01.1 | PPB | 12/27/2024 11:26 | SMPL |
| P5250-04 | MJNBZ7 | 1012 | 0.1921 | - | | SFAM01.1 | PPB | 12/27/2024 11:28 | SMPL |
| P5250-05 | MJNBZ8 | 449 | 0.0671 | - | | SFAM01.1 | PPB | 12/27/2024 11:30 | SMPL |
| P5250-06 | MJNBZ2 | 483 | 0.0747 | - | | SFAM01.1 | PPB | 12/27/2024 11:32 | SMPL |
| P5250-07 | MJNBZ2D | 422 | 0.0611 | - | | SFAM01.1 | PPB | 12/27/2024 11:37 | SMPL |
| P5250-08 | MJNBZ2S | 12348 | 2.7086 | - | | SFAM01.1 | PPB | 12/27/2024 11:40 | SMPL |
| CCV075 | CCV075 | 21918 | 4.8331 | - | | SFAM01.1 | PPB | 12/27/2024 11:42 | SMPL |
| CCB075 | CCB075 | -10 | -0.0348 | - | | SFAM01.1 | PPB | 12/27/2024 11:44 | SMPL |

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# Prep Standard - Chemical Standard Summary

**Order ID :** P5250

**Test :** Mercury

**Prepbatch ID :** PB165888,

**Sequence ID/Qc Batch ID:** LB134105,

**Standard ID :**
MP83692,MP83694,MP83785,MP83786,MP83788,MP83789,MP83790,MP83791,MP83792,MP83793,MP83794,MP83795,MP83796,MP83799,MP83800,

**Chemical ID :**
M4371,M4916,M5062,M5882,M5884,M5953,M6121,M6126,W3112,

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Fax : 908 789 8922

# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 65 | POTASSIUM PERMANGANATE SOLUTION 5 % | MP83692 | 12/18/2024 | 06/18/2025 | Mohan Bera | METALS_SCALE_3 (M SC-3) | None | Sarabjit Jaswal 12/18/2024 |

**FROM** 100.00000gram of M4916 + 2000.00000ml of W3112 = Final Quantity: 2000.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 67 | SODIUM CHLORIDE - HYDROXYL- CHLORIDE SOLUTION | MP83694 | 12/18/2024 | 06/18/2025 | Mohan Bera | METALS_SCALE_3 (M SC-3) | None | Sarabjit Jaswal 12/18/2024 |

**FROM** 2000.00000ml of W3112 + 240.00000gram of M4371 + 240.00000gram of M5884 = Final Quantity: 2000.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 871 | MERCURY INTERMEDIATE B 250PPB WORKING STD. | MP83785 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 1.00000ml of M6126 + 2.50000ml of M5062 + 96.50000ml of W3112 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1340 | Hg 0.00 PPB STD | MP83786 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 2.50000ml of M6126 + 247.50000ml of W3112 = Final Quantity: 250.000 ml

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Fax : 908 789 8922

# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1341 | Hg 0.2 PPB STD | MP83788 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 2.50000ml of M6126 + 247.30000ml of W3112 + 0.20000ml of MP83785 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1342 | Hg 2.5 PPB STD | MP83789 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 2.50000ml of M6126 + 245.00000ml of W3112 + 2.50000ml of MP83785 = Final Quantity: 250.000 ml

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Fax : 908 789 8922

# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1343 | Hg 5.0 PPB STD | MP83790 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 2.50000ml of M6126 + 242.50000ml of W3112 + 5.00000ml of MP83785 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1344 | Hg 7.5 PPB STD | MP83791 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 2.50000ml of M6126 + 240.00000ml of W3112 + 7.50000ml of MP83785 = Final Quantity: 250.000 ml

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Fax : 908 789 8922

# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1345 | Hg 10.0 PPB STD | MP83792 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 2.50000ml of M6126 + 237.50000ml of W3112 + 10.00000ml of MP83785 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1346 | Hg ICV SOLUTION | MP83793 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 2.50000ml of M5953 + 2.50000ml of M6126 + 245.00000ml of W3112 = Final Quantity: 250.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1351 | ICB (Hg 0.00 PPB SOLUTION) | MP83794 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 2.50000ml of M6126 + 247.50000ml of W3112 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1358 | CCV (Hg 5.0 PPB SOLUTION) | MP83795 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 485.00000ml of W3112 + 5.00000ml of M6126 + 10.00000ml of MP83785 = Final Quantity: 500.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1352 | CCB (Hg 0.00 PPB SOLUTION) | MP83796 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 495.00000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 500.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 887 | AQUA REGIA FOR HG ON 7471A | MP83799 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 150.00000ml of M6121 + 50.00000ml of M6126 = Final Quantity: 200.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 68 | STANNOUS CHLORIDE SOLUTION | MP83800 | 12/27/2024 | 12/28/2024 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 12/27/2024 |

**FROM** 450.00000ml of W3112 + 50.00000gram of M5882 + 50.00000ml of M6121 = Final Quantity: 500.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-2196-01 / Hydroxylamine Hydrochloride, Crystal (cs/4x500g) | 0000215387 | 06/25/2025 | 07/01/2019 / RICHARD | 06/07/2019 / RICHARD | M4371 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-3227-05 / Potassium Permanganate (2.5kg) | 210800 | 03/31/2026 | 11/30/2022 / mohan | 07/28/2021 / mohan | M4916 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | MSHG-10PPM / MERCURY HCl 125mL 10ug/mL | S2-HG709270 | 09/22/2026 | 05/28/2022 / mohan | 01/27/2022 / mohan | M5062 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-3980-01 / Stannous Chloride (cs/4x500g) | 232820 | 08/31/2028 | 04/30/2024 / mohan | 04/25/2024 / mohan | M5882 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-3624-05 / Sodium Chloride, Crystal (cs/4x2.5kg) | 0000281938 | 07/06/2026 | 04/30/2024 / mohan | 04/25/2024 / mohan | M5884 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| EPA | ICV-5 / ICV ( HG ) STOCK SOLN | ICV5-0415 | 01/01/2025 | 07/01/2024 / mohan | 03/30/2023 / mohan | M5953 |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# CHEMICAL RECEIPT LOG BOOK

| 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 |

ThermoFisher SCIENTIFIC

M5882 M3



# Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

| | | | |
|---|---|---|---|
| Catalog Number | T142 | Quality Test / Release Date | 08/17/2023 |
| Lot Number | 232820 | | |
| Description | STANNOUS CHLORIDE, DIHYDRATE CERTIFIED ACS (Suitable for Mercury Determination) | | |
| Country of Origin | United States | Suggested Retest Date | Aug/2028 |
| Chemical Origin | Inorganic-non animal | | |
| BSE/TSE Comment | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. | | |

| N/A | | | |
|---|---|---|---|
| Result Name | Units | Specifications | Test Value |
| APPEARANCE | | REPORT | Clear crystals |
| ASSAY | % | Inclusive Between 98 - 103 | 100.65 |
| CALCIUM | % | <= 0.005 | 0.0017 |
| IDENTIFICATION | PASS/FAIL | = PASS TEST | PASS TEST |
| IRON (Fe) | % | <= 0.003 | 0.0011 |
| LEAD (Pb) | % | <= 0.01 | 0.0006 |
| MERCURY (Hg) | ppm | <= 0.05 | <0.05 |
| POTASSIUM (K) | % | <= 0.005 | 0.0001 |
| SODIUM (Na) | % | <= 0.01 | <0.01 |
| SOLUBILITY IN HCL | PASS/FAIL | = PASS TEST | PASS TEST |
| SULFATE (SO4) | PASS/FAIL | = P.T. (ABOUT 0.003%) | P.T. (ABOUT 0.003%) |

Harout Sahagian - Quality Control Supervisor - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

M4371

Hydroxylamine Hydrochloride, Crystal
BAKER ANALYZED® A.C.S. Reagent
Suitable for Mercury Determination
(hydroxylammonium chloride)

Rec – 06.07.19

J.T.Baker® | avantor™

Material No.: 2196-01
Batch No.: 0000215387
Manufactured Date: 2018/06/27
Retest Date: 2025/06/25
Revision No: 1

# Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

| Test | Specification | Result |
|---|---|---|
| Assay ($NH_2OH \cdot HCl$) (by $KMnO_4$ titrn) | >= 96.0 % | 99.1 |
| Clarity of Alcohol Solution | Passes Test | PT |
| Residue after Ignition | <= 0.050 % | 0.017 |
| Titrable Free Acid (meq/g) | <= 0.25 | 0.19 |
| Ammonium ($NH_4$) | Passes Test | PT |
| Sulfur Compounds (as $SO_4$) | <= 0.005 % | < 0.003 |
| Trace Impurities - ACS - Heavy Metals (as Pb) | <= 5 ppm | 4 |
| Trace Impurities - Iron (Fe) | <= 5 ppm | < 3 |
| Trace Impurities - Mercury (Hg) | <= 0.050 ppm | < 0.005 |

For Laboratory, Research or Manufacturing Use

Country of Origin: CN
Packaging Site: Paris Mfg Ctr & DC

ISO
Phillipsburg, NJ 9001:2015, FSSC22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Gliwice, Poland 9001:2015, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2015, 17025:2005
Panoli, India 9001:2015

James Ethier
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

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ThermoFisher SCIENTIFIC

M4913-16

MB



# Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

| | | | |
|---|---|---|---|
| Catalog Number | P279 | Quality Test / Release Date | 01/12/2021 |
| Lot Number | 210306 | | |
| Description | POTASSIUM PERMANGANATE, A.C.S. | | |
| Country of Origin | United States | Suggested Retest Date | Jan/2026 |

| N/A | | | |
|---|---|---|---|
| Result Name | Units | Specifications | Test Value |
| APPEARANCE | | REPORT | Dark purple to purple green crystals |
| ASSAY | % | >= 99 | 99.3 |
| CHLORIDE & CHLORATE | % | <= 0.005 | <0.005 |
| IDENTIFICATION | PASS/FAIL | = PASS TEST | pass test |
| INSOLUBLE MATTER | % | <= 0.2 | <0.2 |
| MERCURY (Hg) | ppm | <= 0.05 | <0.004 |
| SULFATE (SO4) | % | <= 0.02 | <0.02 |

Julian Burton

Julian Burton - Quality Control Manager – Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

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

M5062
M5063
M3

## 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 Mass Spec Solution |
| Catalog Number: | MSHG-10PPM |
| Lot Number: | S2-HG709270 |
| Matrix: | 10% (v/v) HCl |
| Value / Analyte(s): | 10 µg/mL ea: Mercury |
| Starting Material: | Hg metal |
| Starting Material Lot#: | 1959 |
| Starting Material Purity: | 99.9994% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 10.001 ± 0.053 µg/mL

**Density:** 1.020 g/mL (measured at 20 ± 4 °C)

### Assay Information:

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Hg | ICP Assay | 3133 | 160921 |
| Hg | EDTA | 928 | 928 |
| Hg | 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.

$$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$$

$$\text{CRM/RM Expanded Uncertainty } (\pm) = U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$$

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

$$\text{CRM/RM Expanded Uncertainty } (\pm) = U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$$

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



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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.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O | Ag | | 0.000011 | M | Eu | < | 0.000201 | O | Na | | 0.000004 | M | Se | < | 0.015915 | O | Zn | < | 0.001510 |
| O | Al | | 0.000001 | O | Fe | | 0.000001 | M | Nb | < | 0.000201 | O | Si | | 0.000005 | M | Zr | < | 0.000201 |
| M | As | < | 0.000402 | M | Ga | < | 0.000201 | M | Nd | < | 0.000201 | M | Sm | < | 0.000201 | | | | |
| M | Au | < | 0.003631 | M | Gd | < | 0.000201 | M | Ni | < | 0.000402 | M | Sn | < | 0.001007 | | | | |
| M | B | < | 0.001208 | M | Ge | < | 0.000201 | M | Os | < | 0.000605 | M | Sr | < | 0.000201 | | | | |
| M | Ba | < | 0.000201 | M | Hf | < | 0.000201 | O | P | < | 0.032370 | M | Ta | < | 0.000201 | | | | |
| M | Be | < | 0.000201 | s | Hg | < | | M | Pb | < | 0.000201 | M | Tb | < | 0.000201 | | | | |
| M | Bi | < | 0.000201 | M | Ho | < | 0.000201 | M | Pd | < | 0.000403 | M | Te | < | 0.002216 | | | | |
| O | Ca | | 0.000007 | M | In | < | 0.000201 | M | Pr | < | 0.000201 | M | Th | < | 0.000201 | | | | |
| M | Cd | < | 0.000201 | M | Ir | < | 0.000201 | M | Pt | < | 0.000402 | M | Ti | < | 0.000402 | | | | |
| M | Ce | < | 0.000201 | O | K | | 0.000020 | M | Rb | < | 0.000201 | O | Tl | < | 0.016508 | | | | |
| M | Co | < | 0.000201 | M | La | < | 0.000201 | M | Re | < | 0.000201 | M | Tm | < | 0.000201 | | | | |
| O | Cr | < | 0.003021 | O | Li | < | 0.000107 | M | Rh | < | 0.000201 | M | U | < | 0.008058 | | | | |
| M | Cs | < | 0.001208 | M | Lu | < | 0.000201 | M | Ru | < | 0.000201 | M | V | < | 0.000201 | | | | |
| M | Cu | < | 0.000402 | O | Mg | | 0.000001 | O | S | < | 0.053950 | M | W | < | 0.000604 | | | | |
| M | Dy | < | 0.000201 | M | Mn | < | 0.000604 | M | Sb | < | 0.001208 | M | Y | < | 0.000201 | | | | |
| M | Er | < | 0.000201 | M | Mo | | 0.000009 | M | Sc | < | 0.000201 | M | Yb | < | 0.000201 | | | | |

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 -** 200.59 +2 4 Hg(OH)(aq) 1+

**Chemical Compatibility -** Stable in HNO3. Avoid basic media forming insoluble carbonate. The sulfide, basic carbonate, oxalate, phosphate, arsenite, arsenate and iodide are insoluble in water.

**Stability -** 2-100 ppb levels not stable in 1% HNO3 / LDPE container, stable in 10% HNO3 packaged in borosilicate glass. 1-100 ppm levels stable in 7% HNO3 packaged in borosilicate glass. 1000-10,000 ppm solutions are chemically stable for years in 5-10% HNO3 / LDPE container.

**Hg Containing Samples (Preparation and Solution) -** Metal (soluble in HNO3 ); Oxide ( Soluble in HNO3); Ores and Organic based (The literature has more references to the preparation of Hg containing samples than any other element. Please consult the literature for your specific sample type, since such preparations are prone to error. Or e-mail our technical staff and we will contact you to discuss your particular sample preparation questions in further detail.).

**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 202 amu | 9 ppt | n/a | 186W16O |
| ICP-OES 184.950 nm | 0.03 / 0.005 µg/mL | 1 | |
| ICP-OES 194.227 nm | 0.03 / 0.005 µg/mL | 1 | V |
| ICP-OES 253.652 nm | 0.1 / 0.03 µg/mL | 1 | Ta, Co, Th ,Rh , Fe, U |

## 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 22, 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 22, 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 Prepared By:**

Uyen Truong
Supervisor, Product Documentation



**Certificate Approved By:**

Michael Booth
Director, Quality Control



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



Sodium Chloride, Crystal
BAKER ANALYZED® A.C.S. Reagent

MT884
MB

avantor™ | J.T.Baker®

Material No.: 3624-01
Batch No.: 0000281938
Manufactured Date: 2021-06-07
Retest Date: 2026-06-07
Revision No.: 1

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay (NaCl) (by Ag titrn) | ≥ 99.0 % | 100.0 % |
| pH of 5% Solution at 25°C | 5.0 - 9.0 | 6.3 |
| Insoluble Matter | ≤ 0.005 % | 0.003 % |
| Iodide (I) | ≤ 0.002 % | < 0.002 % |
| Bromide (Br) | ≤ 0.01 % | < 0.01 % |
| Chlorate and Nitrate (as $NO_3$) | ≤ 0.003 % | < 0.001 % |
| ACS - Phosphate ($PO_4$) | ≤ 5 ppm | < 5 ppm |
| Sulfate ($SO_4$) | ≤ 0.004 % | < 0.004 % |
| Barium (Ba) | Passes Test | Passes Test |
| ACS - Heavy Metals (as Pb) | ≤ 5 ppm | < 5 ppm |
| Iron (Fe) | ≤ 2 ppm | < 1 ppm |
| Calcium (Ca) | ≤ 0.002 % | < 0.001 % |
| Magnesium (Mg) | ≤ 0.001 % | < 0.001 % |
| Potassium (K) | ≤ 0.005 % | 0.001 % |

For Laboratory,Research,or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs
Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

James T Ethier
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 Mansford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

## 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.

MSS28-37 MB MSS53 MB 3/30/23

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
**HAZARDOUS MATERIAL**

Safety Data Sheets Available Upon Request

### (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.

## Instructions for QATS Reference Material: *Inorganic ICV Solutions*

**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 |

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

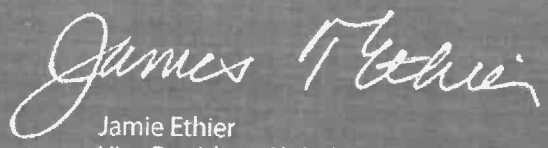
1490

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

1491

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

Alliance TECHNICAL GROUP

# Soil/Sludge Mercury Preparation Sheet

PB165888

**SOP ID :** M7471B-Mercury-18, MSFAM01.1-Mercury in Soil-2

**SDG No :** MJNBZ1

**Matrix :** SOIL

**Pippete ID:** HG A

**Balance ID :** M SC-3

**Filter paper ID :** NA

**pH Strip ID :** NA

**Hood ID :** #1

**Block ID:** 1. HG HOT BLOCK#1 2. N/A

**Start Digest Date:** 12/27/2024 **Time :** 07:40 **Temp :** 93 °C

**End Digest Date:** 12/27/2024 **Time :** 08:10 **Temp :** 94 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** HG-DIG#1

**Dig Technician Signature:** MJ

**Supervisor Signature:** JQ

**Temp :** 1. 93°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| ICV | 100mL | MP83793 |
| CCV | 100mL | MP83795 |
| Matrix Spike | 1.0mL | MP83785 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| AQUA REGIA | 5.0mL | MP83799 |
| KMnO4 (5%) | 15.0mL | MP83692 |
| Hydroxylamine HCL (12%) | 6.0mL | MP83694 |
| 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 |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---|---|---|---|
| 0.0 ppb | S0 | 100mL | MP83786 |
| 0.05 ppb | S0.05 | N/A | N/A |
| 0.2 ppb | S0.2 | 100mL | MP83788 |
| 2.5 ppb | S2.5 | 100mL | MP83789 |
| 5.0 ppb | S5.0 | 100mL | MP83790 |
| 7.5 ppb | S7.5 | 100mL | MP83791 |
| 10.0 ppb | S10.0 | 100mL | MP83792 |
| ICV | ICV | 100mL | MP83793 |
| ICB | ICB | 100mL | MP83794 |
| CCV | CCV | 100mL | MP83795 |
| CCB | CCB | 100mL | MP83796 |
| CRI | CRI | N/A | N/A |
| CHK STD | CHK STD | N/A | N/A |

**Extraction Conformance/Non-Conformance Comments:**

N/A

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 12/27/24 @ 8:35 | MB - Dig. Labs | MB-Metal Lab |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

## Soil/Sludge Mercury Preparation Sheet

**PB165888**

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Comment | Prep Pos |
|---|---|---|---|---|---|---|
| P5250-01 | MJNBZ1 | 0.60 | 100 | NA | N/A | 2-1 |
| P5250-02 | MJNBZ3 | 0.53 | 100 | NA | N/A | 2 |
| P5250-03 | MJNBZ4 | 0.50 | 100 | NA | N/A | 3 |
| P5250-04 | MJNBZ7 | 0.51 | 100 | NA | N/A | 4 |
| P5250-05 | MJNBZ8 | 0.53 | 100 | NA | N/A | 5 |
| P5250-06 | MJNBZ2 | 0.55 | 100 | NA | N/A | 6 |
| P5250-07 | MJNBZ2D | 0.55 | 100 | NA | N/A | 7 |
| P5250-08 | MJNBZ2S | 0.54 | 100 | NA | MP83785 | 8 |
| PB165888BL | PBS888 | 0.50 | 100 | NA | N/A | 9 |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134105

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/27/2024 8:36:34 PM |
| Supervise By | Mohan Bera | Supervise On | 12/27/2024 8:37:39 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83786,MP83788,MP83789,MP83790,MP83791,MP83792 |
| ICV Standard | MP83793 |
| CCV Standard | MP83795 |
| ICSA Standard | |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83794,MP83796,MP83800 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 12/27/24 10:30 | | Mohan | OK |
| 2 | S0.2 | S01 | CAL2 | 12/27/24 10:32 | | Mohan | OK |
| 3 | S2.5 | S02 | CAL3 | 12/27/24 10:35 | | Mohan | OK |
| 4 | S5 | S03 | CAL4 | 12/27/24 10:39 | | Mohan | OK |
| 5 | S7.5 | S04 | CAL5 | 12/27/24 10:42 | | Mohan | OK |
| 6 | S10 | S05 | CAL6 | 12/27/24 10:47 | | Mohan | OK |
| 7 | ICV033 | ICV033 | ICV | 12/27/24 11:10 | | Mohan | OK |
| 8 | ICB033 | ICB033 | ICB | 12/27/24 11:12 | | Mohan | OK |
| 9 | CCV074 | CCV074 | CCV | 12/27/24 11:14 | | Mohan | OK |
| 10 | CCB074 | CCB074 | CCB | 12/27/24 11:17 | | Mohan | OK |
| 11 | PB165888BL | PBS888 | MB | 12/27/24 11:19 | | Mohan | OK |
| 12 | P5250-01 | MJNBZ1 | SAM | 12/27/24 11:21 | | Mohan | OK |
| 13 | P5250-02 | MJNBZ3 | SAM | 12/27/24 11:23 | | Mohan | OK |
| 14 | P5250-03 | MJNBZ4 | SAM | 12/27/24 11:26 | | Mohan | OK |
| 15 | P5250-04 | MJNBZ7 | SAM | 12/27/24 11:28 | | Mohan | OK |
| 16 | P5250-05 | MJNBZ8 | SAM | 12/27/24 11:30 | | Mohan | OK |
| 17 | P5250-06 | MJNBZ2 | SAM | 12/27/24 11:32 | | Mohan | OK |
| 18 | P5250-07 | MJNBZ2D | DUP | 12/27/24 11:37 | | Mohan | OK |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134105

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 12/27/2024 8:36:34 PM |
| Supervise By | Mohan Bera | Supervise On | 12/27/2024 8:37:39 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83786,MP83788,MP83789,MP83790,MP83791,MP83792 |
| ICV Standard | MP83793 |
| CCV Standard | MP83795 |
| ICSA Standard | |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83794,MP83796,MP83800 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | P5250-08 | MJNBZ2S | MS | 12/27/24 11:40 | | Mohan | OK |
| 20 | CCV075 | CCV075 | CCV | 12/27/24 11:42 | | Mohan | OK |
| 21 | CCB075 | CCB075 | CCB | 12/27/24 11:44 | | Mohan | OK |



ORIGIN ID:MRIA (256) 417-9261
EMILY ONG

909 SE 12TH AVE
UNIT 626
PORTLAND, OR 97214
UNITED STATES US

SHIP DATE: 10DEC24
ACTWGT: 16.15 LB
CAD: 6570562/ROSA2570
DIMS: 14x11x11 IN

Part # 156297-435 RRDB EXP 10/25

TO

ALLIANCE TECHNICAL GROUP LLC
284 SHEFFIELD ST

MOUNTAINSIDE NJ 07092

(268) 417-9261 REF:
INV:
PO: DEPT:

12-11-24
7:40
20

FedEx Express

WED - 11 DEC 9:30A
FIRST OVERNIGHT

TRK# 0201 7706 2369 0648

X1 KBCA

07092
NJ-US EWR

1498



ORIGIN ID:MRIA (503) 284-6092
SHIPPING MANAGER
POSTALANNEX+ 338
1631 NE BROADWAY

PORTLAND, OR 97232
UNITED STATES US

SHIP DATE: 13DEC24
ACTWGT: 19.71 LB
CAD: 261345013/FAPI2208
DIMS: 18x18x12 IN

BILL SENDER

TO ALLIANCE TECHNICAL GROUP LLC
ALLIANCE TECHNICAL GROUP LLC
284 SHEFFIELD ST

MOUNTAINSIDE NJ 07092

(000) 000-0000
INV: PKG ID: 811297
PO:

REF: EMILY ONG
DEPT:

FedEx Express

12/14/24 10:35 2-J

SATURDAY 1:30P
PRIORITY OVERNIGHT

TRK# 0201 7707 5761 1280

XO KBCA

07092
NJ-US EWR

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RRD K 1024

Alliance TECHNICAL GROUP 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Login Summary Report

| | | | | | |
|---|---|---|---|---|---|
| Order ID : | P5250 | Order Date : | 12/14/2024 10:35:00 AM | Project Mgr : | Deepak |
| Client : | USEPA CLP SMO | Project : | 51918 | Report Type : | USEPA CLP |
| Contact : | Anita Kapadia | Receive Date : | 12/14/2024 10:35:00 AM | EDD Type : | EPA CLP |
| Date Sign Off : | 12/16/2024 10:35:26 AM | | | | |

| Sample ID | Client ID | Matrix | Sampling Date | Test | Test Group | Method | TAT Days | Fax Due Date | HC Due Date |
|---|---|---|---|---|---|---|---|---|---|
| P5250-01 | MJNBZ1 | Solid | 12/05/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Metals CLP MS FULL | | SFAM_MS | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/06/2025 | 01/06/2025 |
| P5250-02 | MJNBZ3 | Solid | 12/06/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Metals CLP MS FULL | | SFAM_MS | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/06/2025 | 01/06/2025 |
| P5250-03 | MJNBZ4 | Solid | 12/06/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Metals CLP MS FULL | | SFAM_MS | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/06/2025 | 01/06/2025 |
| P5250-04 | MJNBZ7 | Solid | 12/12/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Metals CLP MS FULL | | SFAM_MS | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/06/2025 | 01/06/2025 |
| P5250-05 | MJNBZ8 | Solid | 12/12/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Metals CLP MS FULL | | SFAM_MS | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/06/2025 | 01/06/2025 |
| P5250-06 | MJNBZ2 | Solid | 12/11/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Metals CLP MS FULL | | SFAM_MS | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/06/2025 | 01/06/2025 |
| P5250-07 | MJNBZ2D | Solid | 12/11/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Metals CLP MS FULL | | SFAM_MS | 15 | 01/06/2025 | 01/06/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/06/2025 | 01/06/2025 |
| P5250-08 | MJNBZ2S | Solid | 12/11/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/06/2025 | 01/06/2025 |

| | | | | | |
|---|---|---|---|---|---|
| Metals CLP MS FULL | SFAM_MS | 15 | 01/06/2025 | 01/06/2025 |
| Percent Solids | Chemtech -SOP | 15 | 01/06/2025 | 01/06/2025 |

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** pb165821 **WorkList ID :** 186571 **Department :** Digestion **Date :** 12-23-2024 09:54:22

1502

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5250-01 | MJNBZ1 | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | SFAM_MS |
| P5250-02 | MJNBZ3 | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/06/2024 | SFAM_MS |
| P5250-03 | MJNBZ4 | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/06/2024 | SFAM_MS |
| P5250-04 | MJNBZ7 | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/12/2024 | SFAM_MS |
| P5250-05 | MJNBZ8 | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/12/2024 | SFAM_MS |
| P5250-06 | MJNBZ2 | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | SFAM_MS |
| P5250-07 | MJNBZ2D | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | SFAM_MS |
| P5250-08 | MJNBZ2S | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | SFAM_MS |

**Date/Time** 12/23/24 9:25

**Raw Sample Received by:** SLS. met digestion

**Raw Sample Relinquished by:** SL



**Date/Time** 12/23/24 10:25

**Raw Sample Received by:** SL

**Raw Sample Relinquished by:** SLS. met digestion

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** P5250_HgS **WorkList ID :** 186641 **Department :** Digestion **Date :** 12-27-2024 07:05:03

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5250-01 | MJNBZ1 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/05/2024 | SFAM_HG |
| P5250-02 | MJNBZ3 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/06/2024 | SFAM_HG |
| P5250-03 | MJNBZ4 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/06/2024 | SFAM_HG |
| P5250-04 | MJNBZ7 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/12/2024 | SFAM_HG |
| P5250-05 | MJNBZ8 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/12/2024 | SFAM_HG |
| P5250-06 | MJNBZ2 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | SFAM_HG |
| P5250-07 | MJNBZ2D | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | SFAM_HG |
| P5250-08 | MJNBZ2S | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/11/2024 | SFAM_HG |

1503

**Date/Time** 12/27/24 @ 7:20

**Raw Sample Received by:** NB - MG - CMS

**Raw Sample Relinquished by:** NB - MG - CMS



**Date/Time** 12/27/24 @ 7:10

**Raw Sample Received by:** NB - MG - CMS

**Raw Sample Relinquished by:** NB - MG - CMS