SDG COVER PAGE

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

Lab Code: ACE Case No.: 51918 MA No.: 3106.1,3157.0 SDG No.: MJNBZ5

SOW No. : SFAM01.1

| EPA Sample No. | Lab Sample Id | Analysis Method ICP-AES | ICP-MS | Mercury | Cyanide |
|---|---|---|---|---|---|
| MJNBZ9 | P5347-01 | | X | X | |
| MJNBZ9D | P5347-02 | | X | | |
| MJNBZ9S | P5347-03 | | X | | |
| MJNC00 | P5347-04 | | X | X | |
| MJNBZ5 | P5347-05 | | X | X | |
| MJNBZ5D | P5347-06 | | X | X | |
| MJNBZ5S | P5347-07 | | X | X | |
| MJNC00D | P5347-08 | | | X | |
| MJNC00S | P5347-09 | | | 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 # MJNBZ5

**USEPA CLP COC (LAB COPY)**

DateShipped: 12/18/2024

CarrierName: Fedex

AirbillNo: 283487773168

**CHAIN OF CUSTODY RECORD**

Case #: 51918

Cooler #:

**No: 10-120324-182812-0014**

Alliance Technical Group Lab:

Mohammad Ahmed Lab Contact:

908-789-8900 Lab Phone:

| Sample Identifier | CLP Sample No. | Matrix/Sampler | Coll. Method | Analysis/Turnaround (Days) | Tag/Preservative/Bottles | Location | Collection Date/Time | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| UPL_SEEP- 01 | MJNBZ9 | Ground Water/ | Grab | ICP/MS(21) | 1000 (HNO3 pH<2 < 6 C) (2)(3)(1) | UPL_Seep | 12/16/2024 1220 | pH 1.6 |
| ~~UPL_SEEP--~~ | ~~MJNC00~~ | ~~Ground Water/~~ | ~~Grab~~ | ~~ICP/MS(21)~~ | ~~1010 (HNO3 pH<2 < 6 C) (2)~~ | ~~UPL_Seep~~ | ~~12/16/2024~~ | |

Special Instructions:

**Shipment for Case Complete? Y**

**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 |
|---|---|---|---|---|---|
| MJNBZ9 | Jennifer Ulrich | 12/16/24/1412 | Emily G USP | 12/16/2024 1412 | Good |
| | | | | 9:44 12-19-24 | Th-Gun #1 2.4 Custody Seal Intact |
| | | | | | Temp Blank present |

2

68HERH20D0011

SDG # MJNBZ5

**USEPA CLP COC (LAB COPY)**

DateShipped: 12/18/2024
CarrierName: Fedex
AirbillNo: 283487773168

**CHAIN OF CUSTODY RECORD**

Case #: 51918
Cooler #:

**No: 10-120324-182812-0014**

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

| Sample Identifier | CLP Sample No. | Matrix/Sampler | Coll. Method | Analysis/Turnaround (Days) | Tag/Preservative/Bottles | Location | Collection Date/Time | For Lab Use Only |
|---|---|---|---|---|---|---|---|---|
| ~~UPL_SEEP-~~ | ~~MJNBZ0~~ | ~~Ground Water/~~ | ~~Grab~~ | ~~ICP/MS(21)~~ | ~~1000 (HNO3 pH<2 < 6 C) (2)~~ | ~~UPL_Seep~~ | ~~12/16/2024~~ | |
| UPL_SEEP-02 | MJNC00 | Ground Water/ | Grab | ICP/MS(21) | 1010 (HNO3 pH<2 < 6 C) (2) (1) | UPL_Seep | 12/16/2024 | 5 pH 1.6 |
| SNBL-J0195B-1-2 | MJNBZ5 | Soil Subsurface | Direct Push | ICP/MS(21) | 1025(<6 C) (1) (8) (4) | SNBL-J0195B | 12/17/2024 1030 12/17/2024 1400 | |
| ~~SNBL-J0195B-2-3~~ | ~~MJNBZ6~~ | ~~Soil Subsurface~~ | ~~Direct Push~~ | ~~ICP/MS(21)~~ | ~~1025(<6 C) (1)~~ | ~~SNBL-J0195B~~ | ~~12/17/2024 1400~~ | |

Special Instructions:

**Shipment for Case Complete? Y**

**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 |
|---|---|---|---|---|---|
| MJNC00 | | 12/17/24 1430 | WSP | 12/17/24 1430 | Good |
| | | | | 9:44 12-19-24 | ZR Gun #1 2.6 Custody Seal Intact Temp Blank present |

3

FORM DC-1

SAMPLE LOG-IN SHEET

| | | |
|---|---|---|
| Lab Name : Alliance Technical Group, LLC | | Page 1 of 1 |
| Received By (Print Name) Lazzanova Peri | | Log-in Date **12/19/2024** |
| Received By (Signature) | | |
| Case Number 51918 | SDG No. ~~MJNBZ5~~ MJNBZ5 | MA No. ~~N/A~~ 3157.0, 3106.1 |

| 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. | 283487773168<br>1 |
| 6. Shipping Container Temperature Indicator Bottle | Present |
| 7. Shipping Container Temperature | 2.6 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 | 12/19/2024 |
| 12.Time Received | 09:44 |

| | EPA Sample # | Aqueous/ Water Sample pH | Corresponding Sample Tag # | Corresponding Assigned Lab # | Remarks: Condition of Sample Shipment, etc. |
|---|---|---|---|---|---|
| 1 | MJNBZ9 | 1.6 | 1000 | P5347-01 | Intact |
| 2 | MJNBZ9D | 1.6 | ~~1010~~ 1000 | P5347-02 | Intact |
| 3 | MJNBZ9S | 1.6 | ~~1010~~ 1000 | P5347-03 | Intact |
| 4 | MJNC00 | 1.6 | 1010 | P5347-04 | Intact |
| 5 | MJNBZ5 | N/A | 1025 | P5347-05 | Intact |
| 6 | MJNBZ5D | N/A | 1025 | P5347-06 | Intact |
| 7 | MJNBZ5S | N/A | 1025 | P5347-07 | Intact |
| 8 | MJNC00D | 1.6 | 1010 | P5347-08 | Intact |
| 9 | MJNC00S | 1.6 | 1010 | P5347-09 | Intact |
| 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 | 12/19/24 | 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. | **MJNBZ5** |
| MA NO. | **3106.1,3157.0** | 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 | 3 | ✓ | |
| 3 . Sample Log-In Sheet (DC-1) | 4 | 4 | ✓ | |
| 4 . CSF Inventory Sheet (DC-2) | 5 | 7 | ✓ | |
| 5 . SDG Narrative | 8 | 15 | ✓ | |
| 6 . Communication Logs | 16 | 17 | ✓ | |
| 7 . Percent Solids Log | 18 | 19 | ✓ | |
| **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 | 20 | 22 | ✓ | |
| 18 . Instrument raw data by instrument in analysis order | 23 | 1792 | ✓ | |
| **Other Data** | | | | |
| 19 . Standard and Reagent Preparation Logs | 1793 | 1937 | ✓ | |
| 20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks | 1938 | 1941 | ✓ | |
| 21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks | 1942 | 1957 | ✓ | |
| 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 | 1958 | 1960 | ✓ | |
| 27. Instrument raw data by instrument in analysis order | 1961 | 1964 | ✓ | |
| **Other Data** | | | | |
| 28. Standard and Reagent Preparation Logs | 1965 | 1997 | ✓ | |
| 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks | 1998 | 2001 | ✓ | |
| 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks | 2002 | 2005 | ✓ | |
| 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 1 ) | 2006 | 2006 | ✓ | |
| Sample Tags | NA | NA | ✓ | |
| Sample Log-In Sheet (Lab) | 2007 | 2007 | ✓ | |
| 45. Misc. Shipping/Receiving Records (list all individual records) | | | | |
| | NA | NA | ✓ | |
| | | | | |
| | | | | |
| 46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list) | | | | |
| | 2008 | 2011 | ✓ | |
| | | | | |
| 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 # MJNBZ5**
**CASE # 51918**
**CONTRACT # 68HERH20D0011**
**SOW# SFAM01.1**
**LAB NAME: Alliance Technical Group, LLC**
**LAB CODE: ACE**
**LAB ORDER ID # P5347**
**MODIFIED ANALYSIS #3157.0, 3106.1**

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

01 Soil and 02 Water samples were delivered to the laboratory intact on 12/19/2024.

**B. Parameters**

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

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

**C. Cooler Temp**

Indicator Bottle**: Presence/**Absence

Cooler: 2.6$^{o}$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 MJNBZ9. The laboratory has selected water sample MJNBZ9 for ICP-MS Metals, water sample MJNC00 for Hg, and soil sample MJNBZ5 for laboratory QC. The laboratory has confirmed that the samples are not a PT, blank, or rinsates.

**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.

**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 MJNBZ5 For Antimony :**

If C = 0.18 ppb
Vf = 500 ml
W = 1.31 g
S = 0.625(62.5/100)
DF = 1

$$\text{Concentration (mg/kg)} = 0.18 \times \frac{500}{1.31 \times 0.625} \times 1 / 1000$$

$$= 0.109923 \text{ mg/kg}$$

$$= 0.11 \text{ mg/kg (Reported Result with Signification)}$$

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

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

Where,

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

**Example Calculation For Sample MJNBZ9 For Antimony:**

If C = 0.24 ppb
Vf = 50 ml
Vi = 50 ml
DF = 1

$$\text{Concentration or Result } (\mu g/L) = 0.24 \times \frac{50}{50} \times 1$$

$$= 0.24\ \mu g/L$$

$$= 0.24\ \mu g/L \text{ (Reported Result with Signification)}$$

**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 MJNBZ5 :**

If C = 0.5977 ppb
Vf = 100 mL
W = 0.56g
S = 0.625(62.5/100)
DF = 1

$$\text{Concentration (mg/kg)} = 0.5977 \times \frac{100}{0.56 \times 0.625} \times 1 / 1000$$

$$= 0.17077 \text{ mg/kg}$$

$$= 0.17 \text{ mg/kg (Reported Result with Signification)}$$

**Calculation for Hg Water Sample**:

Concentration or Result (µg/L) = C x DF
Where,
C = Instrument response in µg/L from the calibration curve.
DF = Dilution Factor

**Example Calculation For Mercury:**

If C = 0.1811 ppb
DF = 1
Concentration or Result (µg/L) = 0.1811 x 1

$$= 0.1811 \text{ µg/L}$$

$$= 0.18 \text{ µg/L (Reported Result with Signification)}$$

**H. QA/ QC**

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. MS Spike sample did meet requirements except for Antimony, Arsenic, Cadmium, Molybdenum, Selenium, Thallium. Duplicate sample did meet requirements. Serial Dilution did meet requirements except for Potassium, Sodium.

Chemical or physical interference effect was suspected and the data for all affected analytes in the sample received and associated with this serial dilution were flagged.

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.

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Internal Standard Association for ICP-MS analysis.

| Target Analyte | Associated Internal Standard |
|---|---|
| Aluminum | 45Sc |
| Antimony | 159Tb |
| Arsenic | 89Y |
| Barium | 159Tb |
| Beryllium | 6Li |
| Cadmium | 159Tb |
| Calcium | 45Sc |
| Chromium | 45Sc |
| Cobalt | 45Sc |
| Copper | 45Sc |
| Iron | 45Sc |
| Lead | 209Bi |
| Magnesium | 45Sc |
| Manganese | 45Sc |
| Molybdenum | 89Y |
| Nickel | 45Sc |
| Potassium | 45Sc |
| Selenium | 89Y |
| Silver | 159Tb |
| Sodium | 45Sc |
| Thallium | 209Bi |
| Vanadium | 45Sc |

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| | |
|---|---|
| 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:** 12/04/2024 | **MA:** 3106.1 | **Title:** ICP-MS Analysis Plus Mo |
|---|---|---|
| **Method Source:** SFAM01.1 | **Method:** ICP-MS | |
| **Matrix:** Aqueous/Water | | |

**Summary of Modification**

The purpose of this modified analysis is to analyze aqueous/water samples for the Target Analytes plus the specified additional analyte by ICP-MS. 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 (µg/L) | MDL (µg/L) | Spike (µg/L) |
|---|---|---|---|---|
| Molybdenum (Mo) | 7439-98-7 | 5.0 | <5.0 | 50 |

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

The Laboratory shall:

- Ensure that the Method Detection Limit has been determined for Mo in aqueous/water matrix by the preparation and analysis methods used for the samples.
- Ensure that the MDL is less than the CRQL for Mo.
- Perform the Initial Calibration with a blank and at least one non-blank standard at or below the modified CRQL for Mo.
- Add Mo to the ICV and CCV at appropriate mid-point concentration.
- Evaluate the ICB and CCB against the modified CRQL for Mo.
- Evaluate the Preparation Blanks using the modified CRQL for Mo.
- Prepare the Matrix Spike at the modified level. Post-Digestion Spike requirements are per the SOW.
- Flag the Duplicates based on the modified CRQL for Mo.
- Add Mo to the LCS at 2 times the modified CRQL.

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

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

The Laboratory shall:

- Report the "J" and "U" qualifiers in accordance with the requirements in Exhibit B, Section 3.4.3.2.4.2, using the modified CRQLs.
- Add Mo to Form 1.
- 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.

| **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:** Thursday, December 19, 2024 11:56 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:** SKM_95824121910390.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 MJNBZ9. The laboratory has selected water sample MJNBZ9 for ICP-MS Metals, water sample MJNC00 for Hg, and soil sample MJNBZ5 for laboratory QC. The laboratory has confirmed that the samples are not a PT, blank, or rinsates.
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:** Thursday, December 19, 2024 11:23 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 MJNBZ9 is open without lab QC for ICP-MS and Hg analysis However, a sample was not designated for Laboratory QC. Lab like to use water sample MJNBZ9 for ICP-MS water sample MJNC00 for HG and MJNBZ5 for soil Lab QC. these samples are not blanks, rinsates or PE samples. Case complete.

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:** 12/20/2024

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:25
**In Date:** 12/19/2024
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 103
**Time OUT:** 08:14
**Out Date:** 12/20/2024
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID- OVEN

**QC:** LB134021

| 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 |
|---|---|---|---|---|---|---|---|---|
| P5347-05 | MJNBZ5 | 1 | 1.19 | 8.75 | 9.94 | 6.66 | 62.5 | |
| P5347-06 | MJNBZ5D | 2 | 1.19 | 8.75 | 9.94 | 6.66 | 62.5 | |
| P5347-07 | MJNBZ5S | 3 | 1.19 | 8.75 | 9.94 | 6.66 | 62.5 | |
| P5355-01 | RBR251688 | 4 | 1.14 | 8.58 | 9.72 | 8.15 | 81.7 | |
| P5357-02 | 121824-A | 5 | 1.16 | 8.48 | 9.64 | 8.71 | 89.0 | |
| P5358-03 | MH-51-SOLIDS | 6 | 1.15 | 8.61 | 9.76 | 5.03 | 45.1 | |
| P5359-01 | ORA-2065 | 7 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | wipe sample |
| P5359-02 | ORA-2064 | 8 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | wipe sample |

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

# WORKLIST(Hardcopy Internal Chain)

UB34021

**WorkList Name :** %1-121924 **WorkList ID :** 186484 **Department :** Wet-Chemistry **Date :** 12-19-2024 09:52:00

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5347-05 | MJNBZ5 | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | Chemtech -SO |
| P5347-06 | MJNBZ5D | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | Chemtech -SO |
| P5347-07 | MJNBZ5S | Solid | Percent Solids | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | Chemtech -SO |
| P5355-01 | RBR251688 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | N13 | 12/19/2024 | Chemtech -SO |
| P5357-02 | 121824-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | N13 | 12/19/2024 | Chemtech -SO |
| P5358-03 | MH-51-SOLIDS | Solid | Percent Solids | Cool 4 deg C | PSEG03 | N21 | 12/19/2024 | Chemtech -SO |
| P5359-01 | ORA-2065 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | N13 | 12/19/2024 | Chemtech -SO |
| P5359-02 | ORA-2064 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | N13 | 12/19/2024 | Chemtech -SO |

19

**Date/Time** 12-19-24 16:25

**Raw Sample Received by:**

**Raw Sample Relinquished by:**



**Date/Time** 12-19-24 17:35

**Raw Sample Received by:**

**Raw Sample Relinquished by:**

EPA SAMPLE NO.

MJNBZ5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : 3106.1 SDG No.: MJNBZ5

Matrix: SOIL Lab Sample ID: P5347-05

% Solids: 62.5 Date Received: 12/19/2024

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* | 12/27/2024 | 1828 |
| 7440-38-2 | Arsenic | 4.8 | * | 12/27/2024 | 1828 |
| 7440-39-3 | Barium | 61 | | 12/27/2024 | 1828 |
| 7440-41-7 | Beryllium | 0.61 | | 12/27/2024 | 1828 |
| 7440-43-9 | Cadmium | 0.20 | J* | 12/27/2024 | 1828 |
| 7440-47-3 | Chromium | 18 | | 12/27/2024 | 1828 |
| 7440-48-4 | Cobalt | 19 | | 12/27/2024 | 1828 |
| 7440-50-8 | Copper | 57 | | 12/27/2024 | 1828 |
| 7439-92-1 | Lead | 57 | | 12/27/2024 | 1828 |
| 7439-96-5 | Manganese | 510 | | 12/27/2024 | 1828 |
| 7440-02-0 | Nickel | 24 | | 12/27/2024 | 1828 |
| 7782-49-2 | Selenium | 3.1 | U* | 12/27/2024 | 1828 |
| 7439-98-7 | Molybdenum | 0.48 | J* | 12/27/2024 | 1828 |
| 7440-22-4 | Silver | 0.079 | J | 12/27/2024 | 1828 |
| 7440-28-0 | Thallium | 0.12 | J* | 12/27/2024 | 1828 |
| 7440-62-2 | Vanadium | 72 | | 12/27/2024 | 1828 |
| 7440-66-6 | Zinc | 71 | | 12/27/2024 | 1828 |

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

Comments:

EPA SAMPLE NO.

MJNBZ9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : 3106.1 SDG No.: MJNBZ5

Matrix: Water Lab Sample ID: P5347-01

% Solids: Date Received: 12/19/2024

Analytical Method: ICP_MS

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

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 99 | | 12/27/2024 | 1918 |
| 7440-36-0 | Antimony | 0.24 | J | 12/27/2024 | 1918 |
| 7440-38-2 | Arsenic | 0.63 | J | 12/27/2024 | 1918 |
| 7440-39-3 | Barium | 1.1 | J | 12/27/2024 | 1918 |
| 7440-41-7 | Beryllium | 1.0 | U | 12/27/2024 | 1918 |
| 7440-43-9 | Cadmium | 1.0 | U | 12/27/2024 | 1918 |
| 7440-70-2 | Calcium | 19000 | | 12/27/2024 | 1918 |
| 7440-47-3 | Chromium | 0.64 | J | 12/27/2024 | 1918 |
| 7440-48-4 | Cobalt | 0.23 | J | 12/27/2024 | 1918 |
| 7440-50-8 | Copper | 5.5 | | 12/27/2024 | 1918 |
| 7439-89-6 | Iron | 300 | | 12/27/2024 | 1918 |
| 7439-92-1 | Lead | 0.28 | J | 12/27/2024 | 1918 |
| 7439-95-4 | Magnesium | 4500 | | 12/27/2024 | 1918 |
| 7439-96-5 | Manganese | 10 | | 12/27/2024 | 1918 |
| 7440-02-0 | Nickel | 1.8 | | 12/27/2024 | 1918 |
| 7440-09-7 | Potassium | 560 | | 12/27/2024 | 1918 |
| 7782-49-2 | Selenium | 1.4 | J | 12/27/2024 | 1918 |
| 7439-98-7 | Molybdenum | 0.44 | J | 12/27/2024 | 1918 |
| 7440-22-4 | Silver | 1.0 | U | 12/27/2024 | 1918 |
| 7440-23-5 | Sodium | 9600 | | 12/27/2024 | 1918 |
| 7440-28-0 | Thallium | 1.0 | U | 12/27/2024 | 1918 |
| 7440-62-2 | Vanadium | 1.4 | J | 12/27/2024 | 1918 |
| 7440-66-6 | Zinc | 1.5 | J | 12/27/2024 | 1918 |

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

Comments:

EPA SAMPLE NO.

MJNC00

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51918 MA No. : 3106.1 SDG No.: MJNBZ5

Matrix: Water Lab Sample ID: P5347-04

% Solids: Date Received: 12/19/2024

Analytical Method: ICP_MS

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

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 72 | | 12/27/2024 | 1957 |
| 7440-36-0 | Antimony | 0.44 | J | 12/27/2024 | 1957 |
| 7440-38-2 | Arsenic | 0.31 | J | 12/27/2024 | 1957 |
| 7440-39-3 | Barium | 33 | | 12/27/2024 | 1957 |
| 7440-41-7 | Beryllium | 1.0 | U | 12/27/2024 | 1957 |
| 7440-43-9 | Cadmium | 1.0 | U | 12/27/2024 | 1957 |
| 7440-70-2 | Calcium | 52000 | | 12/27/2024 | 1957 |
| 7440-47-3 | Chromium | 6.7 | | 12/27/2024 | 1957 |
| 7440-48-4 | Cobalt | 0.25 | J | 12/27/2024 | 1957 |
| 7440-50-8 | Copper | 5.3 | | 12/27/2024 | 1957 |
| 7439-89-6 | Iron | 450 | | 12/27/2024 | 1957 |
| 7439-92-1 | Lead | 3.1 | | 12/27/2024 | 1957 |
| 7439-95-4 | Magnesium | 12000 | | 12/27/2024 | 1957 |
| 7439-96-5 | Manganese | 16 | | 12/27/2024 | 1957 |
| 7440-02-0 | Nickel | 8.1 | | 12/27/2024 | 1957 |
| 7440-09-7 | Potassium | 3500 | | 12/27/2024 | 1957 |
| 7782-49-2 | Selenium | 5.0 | U | 12/27/2024 | 1957 |
| 7439-98-7 | Molybdenum | 0.67 | J | 12/27/2024 | 1957 |
| 7440-22-4 | Silver | 1.0 | U | 12/27/2024 | 1957 |
| 7440-23-5 | Sodium | 4000 | | 12/27/2024 | 1957 |
| 7440-28-0 | Thallium | 1.0 | U | 12/27/2024 | 1957 |
| 7440-62-2 | Vanadium | 0.77 | J | 12/27/2024 | 1957 |
| 7440-66-6 | Zinc | 9.3 | | 12/27/2024 | 1957 |

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

Comments:

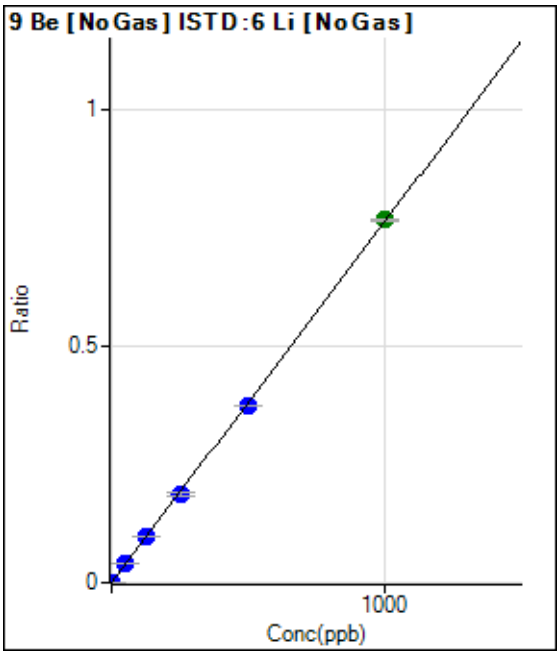
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7



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 |

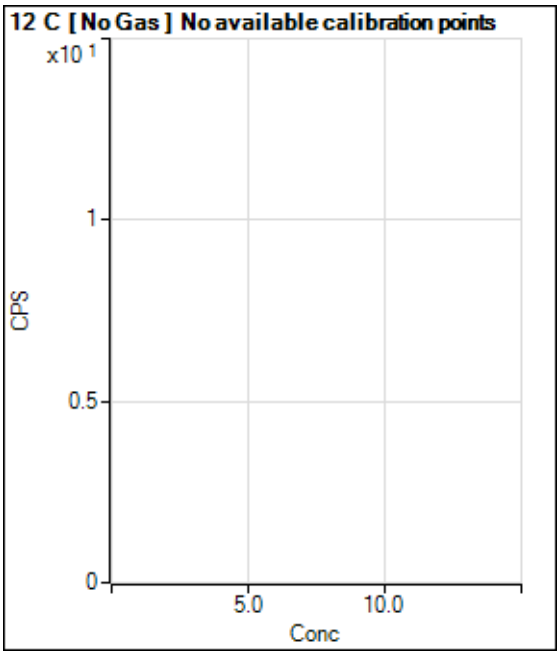
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 70.00 | 0.0000 | P | 9.7 |
| 2 | ☐ | 0.100 | 0.125 | 257.78 | 0.0001 | P | 10.2 |
| 3 | ☐ | 1.000 | 1.120 | 1787.90 | 0.0009 | P | 3.1 |
| 4 | ☐ | 50.000 | 53.826 | 83608.77 | 0.0411 | P | 0.9 |
| 5 | ☐ | 125.000 | 128.660 | 195932.82 | 0.0982 | P | 0.7 |
| 6 | ☐ | 250.000 | 246.394 | 377837.92 | 0.1881 | P | 4.0 |
| 7 | ☐ | 500.000 | 490.076 | 719959.30 | 0.3740 | P | 0.8 |
| 8 | ☐ | 1000.000 | 1005.215 | 1462889.36 | 0.7672 | A | 0.9 |
| 9 | ☐ | | | 517.79 | 0.0003 | P | 8.1 |

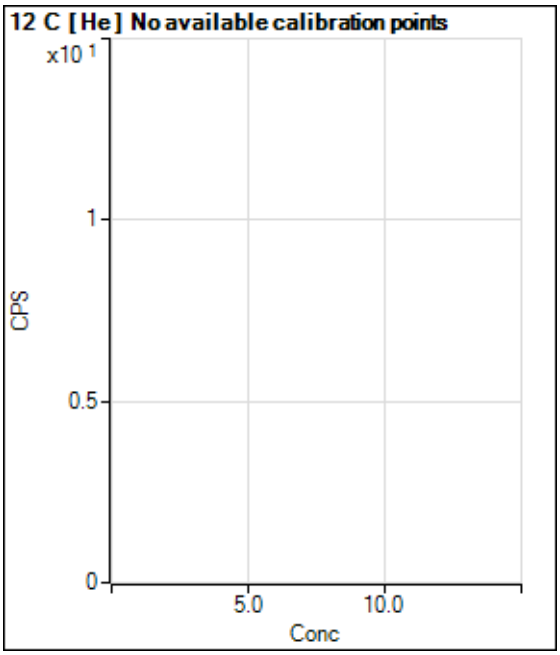
y = 7.6314E-004 * x + 3.5823E-005
R = 0.9999
DL = 0.01364
BEC = 0.04694

Weight: <None>
Min Conc: 0

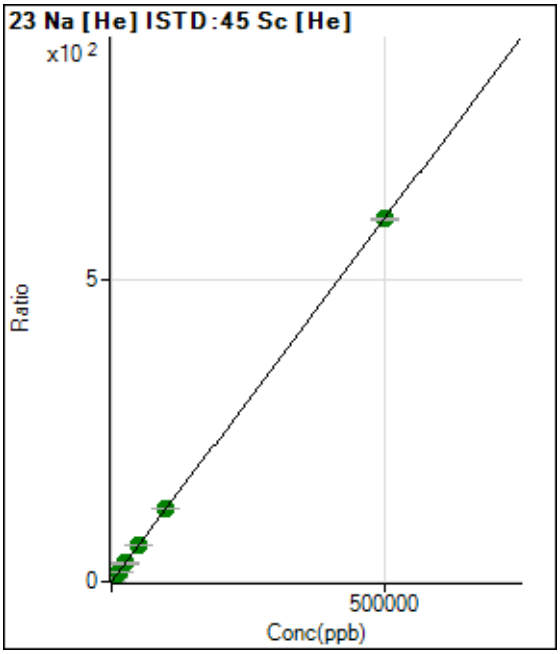



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

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




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

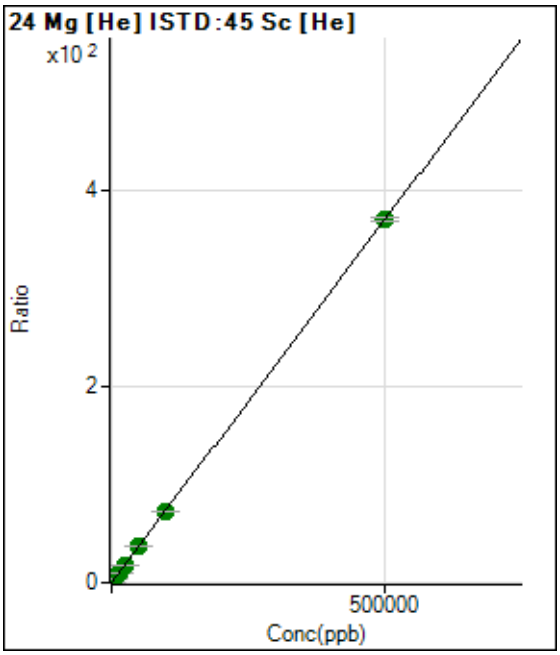



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19727.18 | 0.0306 | P | 1.0 |
| 2 | ☐ | 50.000 | 49.073 | 59310.36 | 0.0895 | P | 1.0 |
| 3 | ☐ | 500.000 | 494.691 | 413279.69 | 0.6249 | P | 1.4 |
| 4 | ☐ | 5000.000 | 5255.212 | 4004839.25 | 6.3448 | A | 0.6 |
| 5 | ☐ | 12500.000 | 12466.416 | 8881728.97 | 15.0092 | A | 0.2 |
| 6 | ☐ | 25000.000 | 25184.091 | 16884720.30 | 30.2897 | A | 0.6 |
| 7 | ☐ | 50000.000 | 50452.889 | 32275264.79 | 60.6506 | A | 0.3 |
| 8 | ☐ | 100000.00 | 100151.82 | 64095066.27 | 120.3647 | A | 0.8 |
| 9 | ☐ | 500000.00 | 499913.43 | 337010199.42 | 600.6850 | A | 0.8 |

y = 0.0012 * x + 0.0306
R = 1.0000
DL = 0.7448
BEC = 25.43

Weight: <None>
Min Conc: 0

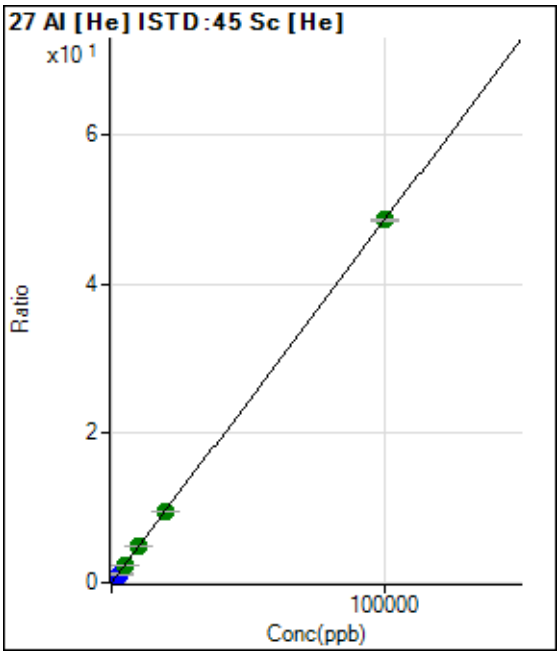
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 982.26 | 0.0015 | P | 8.0 |
| 2 | ☐ | 50.000 | 53.402 | 27107.25 | 0.0409 | P | 1.1 |
| 3 | ☐ | 500.000 | 533.822 | 261412.79 | 0.3953 | P | 1.5 |
| 4 | ☐ | 5000.000 | 5243.407 | 2442327.50 | 3.8693 | A | 0.3 |
| 5 | ☐ | 12500.000 | 12416.580 | 5420786.31 | 9.1606 | A | 0.1 |
| 6 | ☐ | 25000.000 | 25008.433 | 10284204.08 | 18.4489 | A | 0.5 |
| 7 | ☐ | 50000.000 | 50044.805 | 19645573.87 | 36.9169 | A | 0.5 |
| 8 | ☐ | 100000.00 | 98391.376 | 38649455.54 | 72.5796 | A | 0.7 |
| 9 | ☐ | 500000.00 | 500316.44 | 207055096.92 | 369.0582 | A | 0.9 |

y = 7.3765E-004 * x + 0.0015
R = 1.0000
DL = 0.4942
BEC = 2.063

Weight: <None>
Min Conc: 0

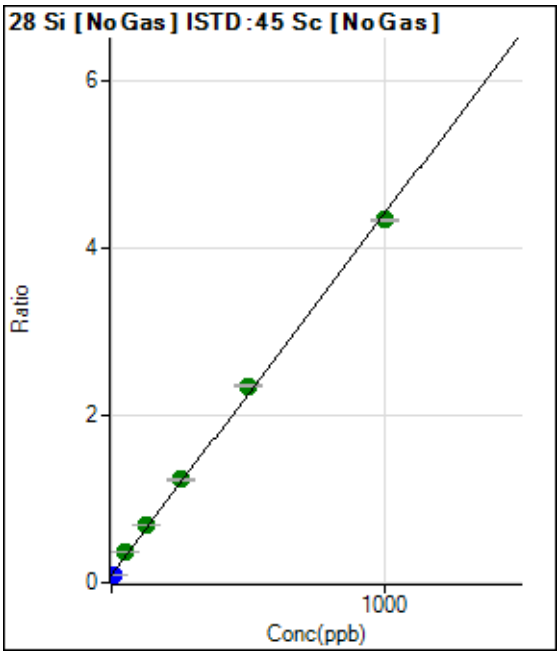



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 97.78 | 0.0002 | P | 8.5 |
| 2 | ☐ | 2.000 | 2.483 | 900.03 | 0.0014 | P | 3.0 |
| 3 | ☐ | 20.000 | 19.729 | 6441.40 | 0.0097 | P | 1.8 |
| 4 | ☐ | 1000.000 | 989.508 | 303664.81 | 0.4811 | P | 0.1 |
| 5 | ☐ | 2500.000 | 2379.562 | 684475.64 | 1.1567 | P | 0.9 |
| 6 | ☐ | 5000.000 | 4960.091 | 1344006.90 | 2.4109 | A | 1.5 |
| 7 | ☐ | 10000.000 | 10004.926 | 2587792.20 | 4.8628 | A | 0.9 |
| 8 | ☐ | 20000.000 | 19502.325 | 5047693.19 | 9.4788 | A | 0.5 |
| 9 | ☐ | 100000.00 | 100104.15 | 27296714.31 | 48.6534 | A | 0.6 |

y = 4.8603E-004 * x + 1.5151E-004
R = 1.0000
DL = 0.07993
BEC = 0.3117

Weight: <None>
Min Conc: 0

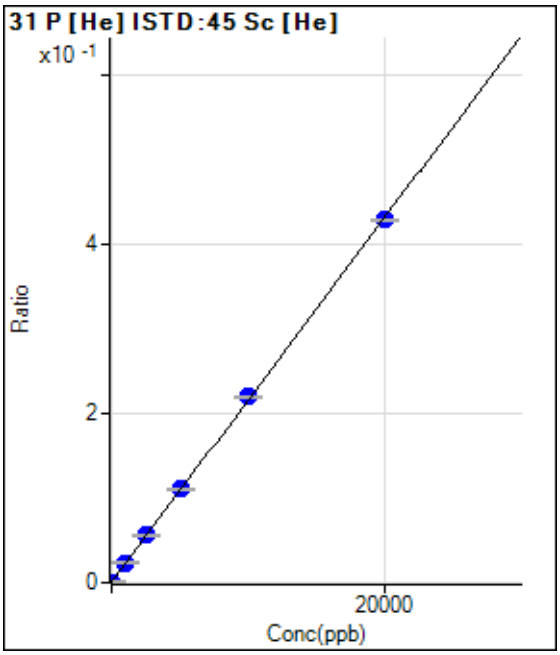
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 671428.24 | 0.0950 | P | 0.9 |
| 2 | ☐ | 1.000 | 0.703 | 701235.96 | 0.0981 | P | 4.5 |
| 3 | ☐ | 10.000 | 1.152 | 732185.64 | 0.1000 | P | 0.5 |
| 4 | ☐ | 50.000 | 63.192 | 2641180.28 | 0.3679 | A | 1.2 |
| 5 | ☐ | 125.000 | 139.417 | 4727784.90 | 0.6970 | A | 0.9 |
| 6 | ☐ | 250.000 | 264.503 | 8126871.61 | 1.2371 | A | 2.1 |
| 7 | ☐ | 500.000 | 522.720 | 14546371.59 | 2.3520 | A | 1.0 |
| 8 | ☐ | 1000.000 | 982.641 | 26341452.94 | 4.3378 | A | 0.4 |
| 9 | ☐ | | | 549482.46 | 0.0893 | P | 1.8 |

y = 0.0043 * x + 0.0950
R = 0.9993
DL = 0.6011
BEC = 22.01

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -14.275 | 171.11 | 0.0003 | P | 13.1 |
| 2 | ☐ | 0.000 | -11.168 | 220.00 | 0.0003 | P | 6.6 |
| 3 | ☐ | 0.000 | 25.444 | 741.14 | 0.0011 | P | 8.3 |
| 4 | ☐ | 1000.000 | 1075.103 | 14986.32 | 0.0237 | P | 1.9 |
| 5 | ☐ | 2500.000 | 2568.896 | 33100.23 | 0.0559 | P | 2.0 |
| 6 | ☐ | 5000.000 | 5098.091 | 61564.18 | 0.1104 | P | 2.2 |
| 7 | ☐ | 10000.000 | 10159.202 | 116817.96 | 0.2195 | P | 0.8 |
| 8 | ☐ | 20000.000 | 19883.509 | 228495.47 | 0.4291 | P | 0.4 |
| 9 | ☐ | | | 294.45 | 0.0005 | P | 6.9 |

y = 2.1551E-005 * x + 5.7274E-004
R = 0.9999
DL = 6.938
BEC = 26.58

Weight: <None>
Min Conc: 0

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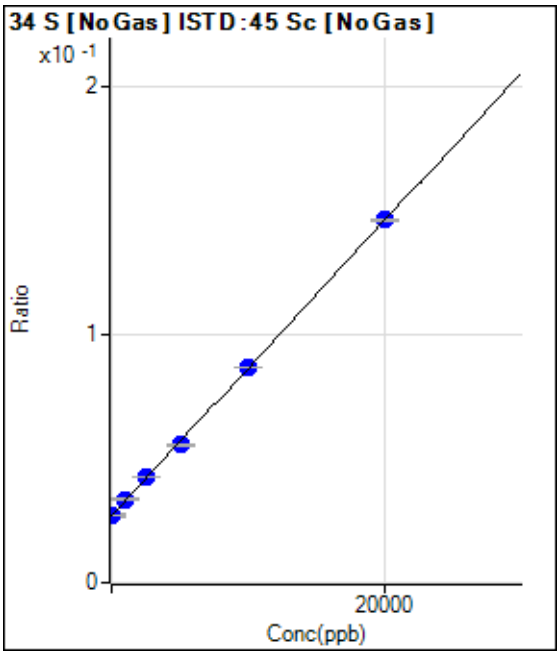
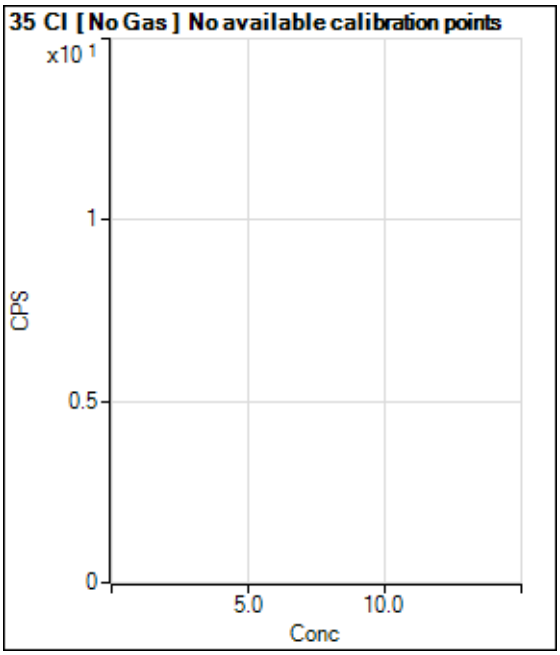



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -17.338 | 190300.33 | 0.0269 | P | 0.6 |
| 2 | ☐ | 0.000 | -0.606 | 193323.98 | 0.0270 | P | 4.1 |
| 3 | ☐ | 0.000 | 17.944 | 198712.04 | 0.0271 | P | 1.8 |
| 4 | ☐ | 1000.000 | 1097.864 | 241094.77 | 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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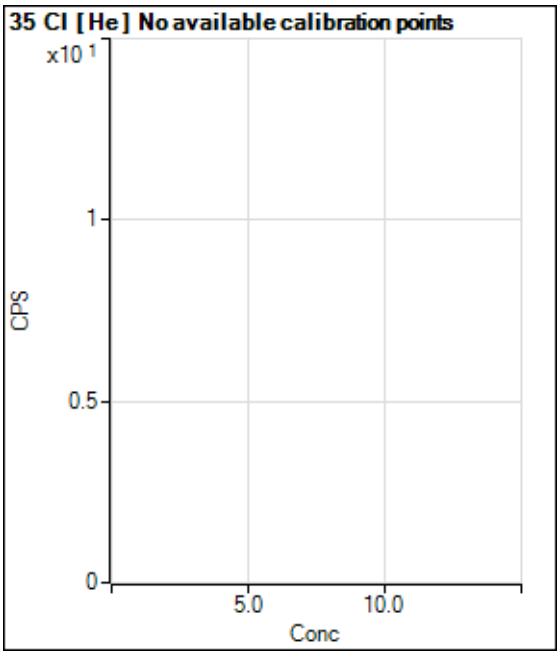
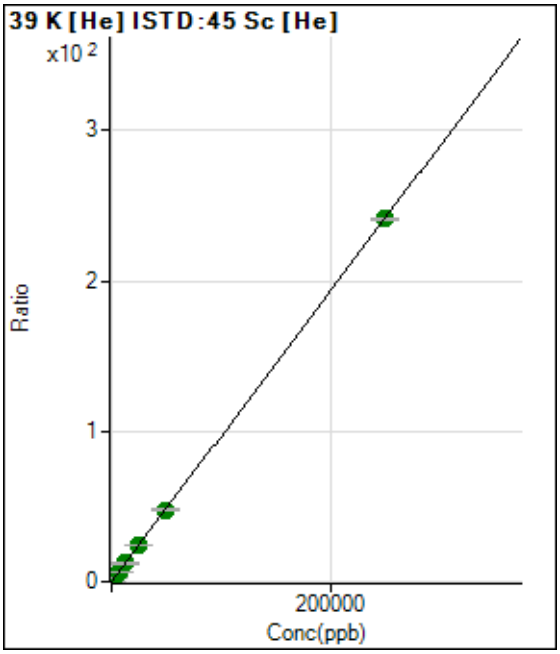



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |




| | 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

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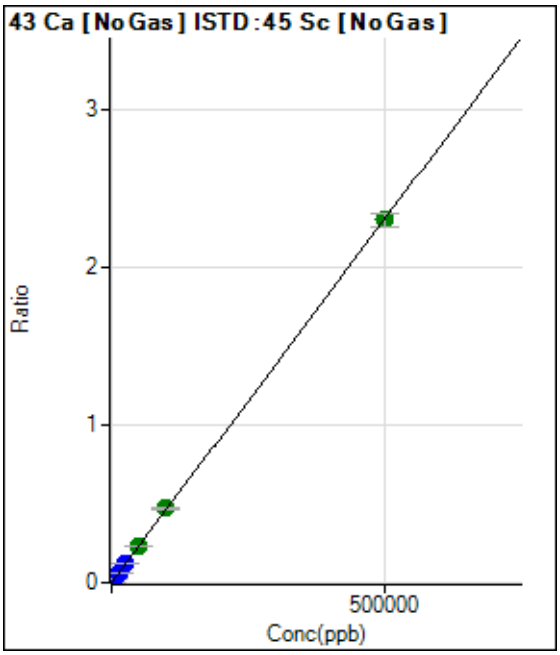
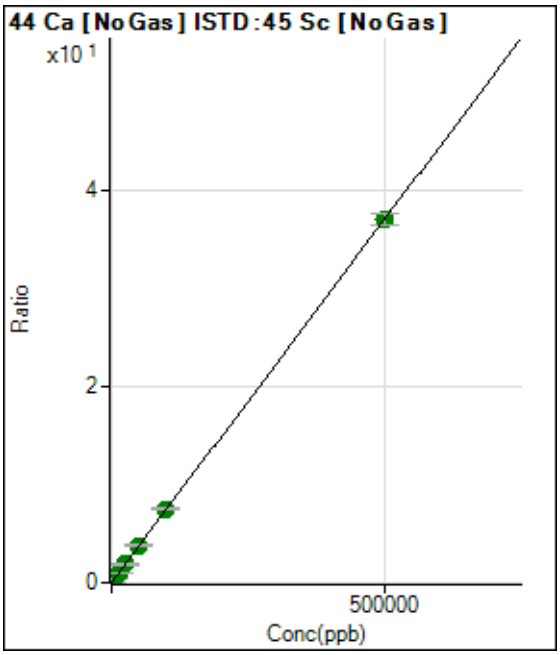



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 214.45 | 0.0000 | P | 12.5 |
| 2 | ☐ | 50.000 | 58.169 | 2130.17 | 0.0003 | P | 5.5 |
| 3 | ☐ | 500.000 | 544.360 | 18556.97 | 0.0025 | P | 0.8 |
| 4 | ☐ | 5000.000 | 5486.785 | 181413.44 | 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

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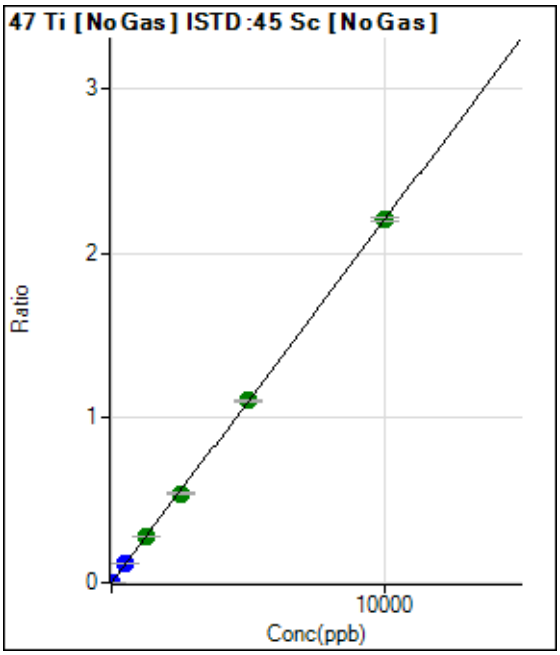
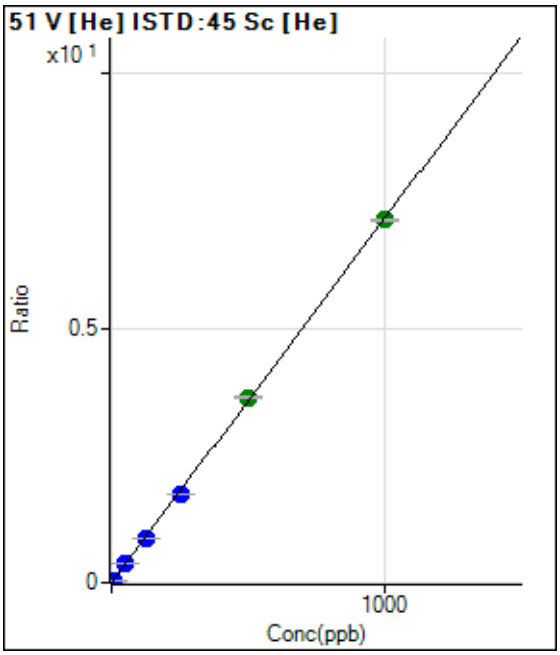



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 66.67 | 0.0000 | P | 5.9 |
| 2 | ☐ | 0.500 | 0.565 | 955.60 | 0.0001 | P | 7.2 |
| 3 | ☐ | 5.000 | 5.290 | 8593.61 | 0.0012 | P | 0.6 |
| 4 | ☐ | 500.000 | 511.871 | 808868.89 | 0.1127 | 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

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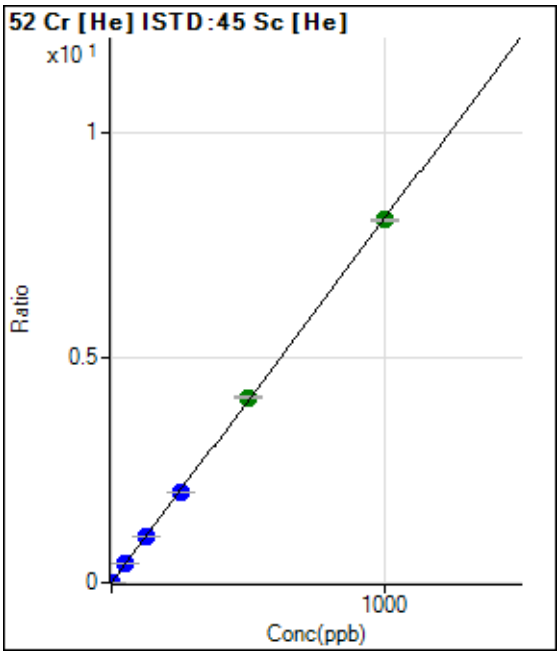
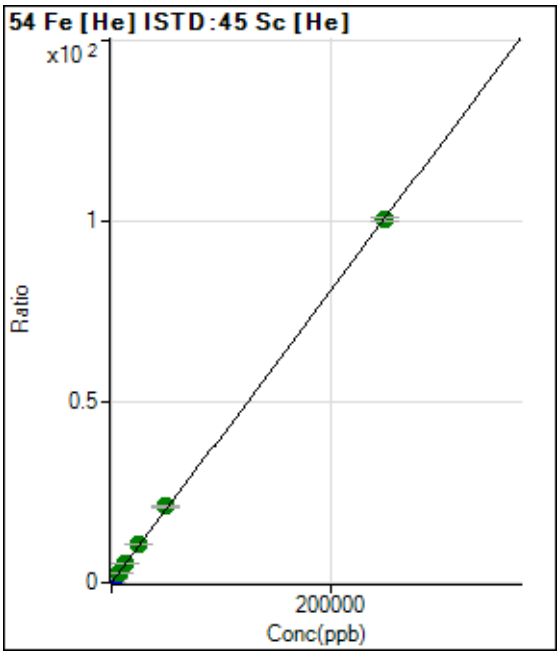



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2269.08 | 0.0035 | P | 3.6 |
| 2 | ☐ | 0.200 | 0.194 | 3370.41 | 0.0051 | P | 1.7 |
| 3 | ☐ | 2.000 | 2.130 | 13721.90 | 0.0208 | P | 2.7 |
| 4 | ☐ | 50.000 | 51.816 | 266903.43 | 0.4228 | 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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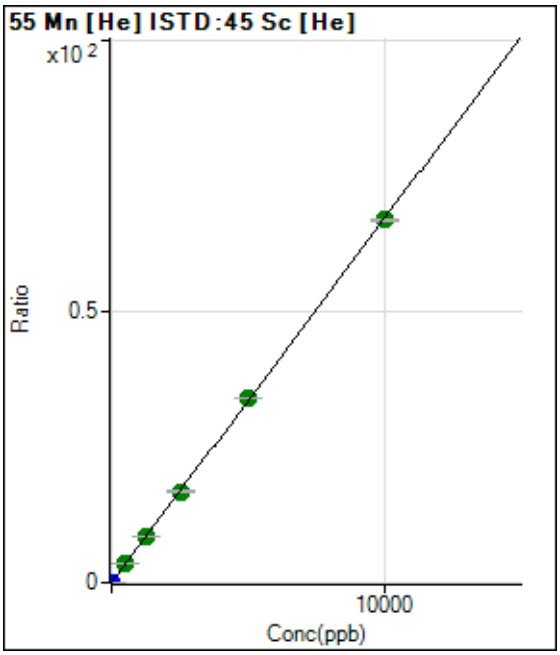
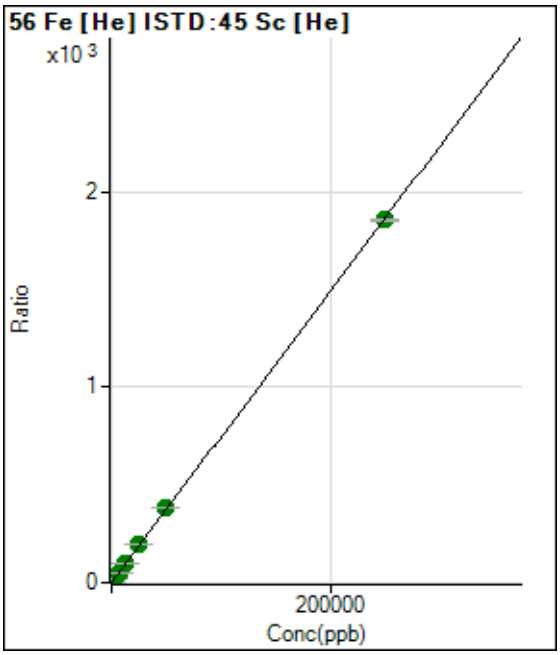



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 298.90 | 0.0005 | P | 4.2 |
| 2 | ☐ | 0.100 | 0.103 | 766.69 | 0.0012 | P | 6.9 |
| 3 | ☐ | 1.000 | 1.026 | 4860.84 | 0.0073 | P | 1.6 |
| 4 | ☐ | 500.000 | 524.580 | 2222992.42 | 3.5218 | 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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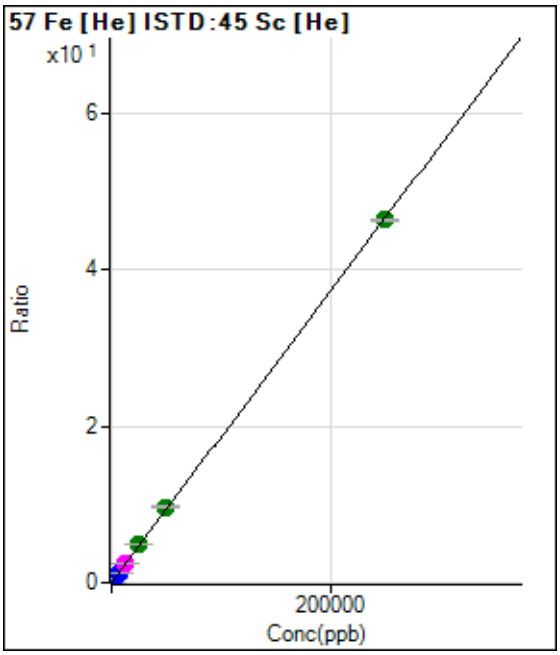
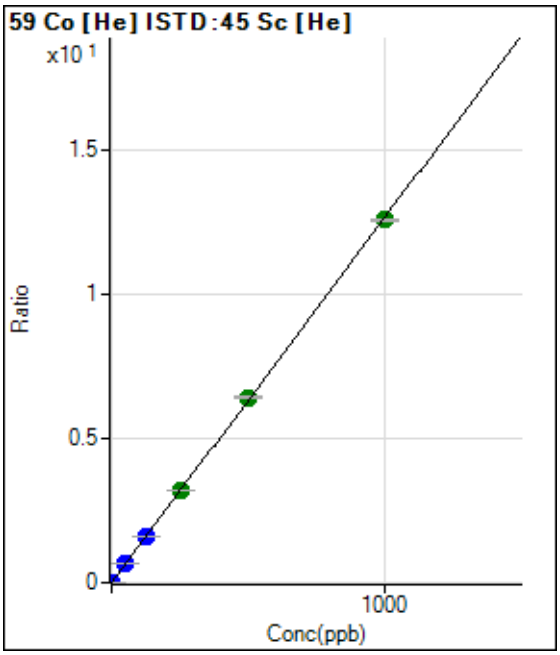



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1251.18 | 0.0019 | P | 9.0 |
| 2 | ☐ | 5.000 | 5.894 | 2011.27 | 0.0030 | P | 2.8 |
| 3 | ☐ | 50.000 | 59.629 | 8619.21 | 0.0130 | P | 1.9 |
| 4 | ☐ | 2500.000 | 2760.566 | 325415.88 | 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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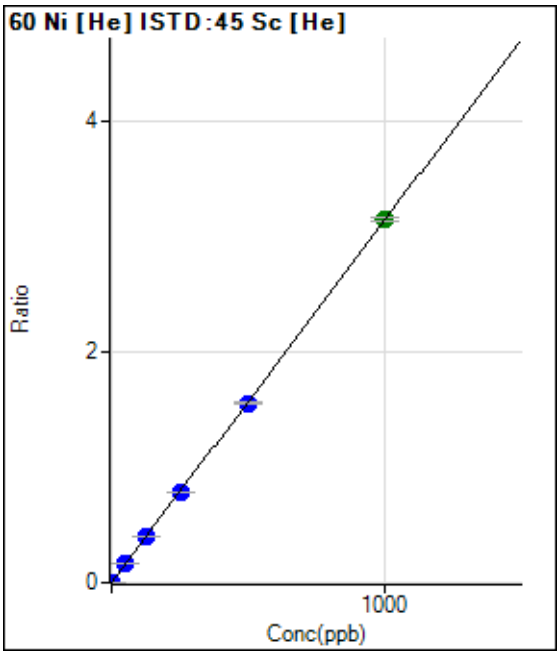
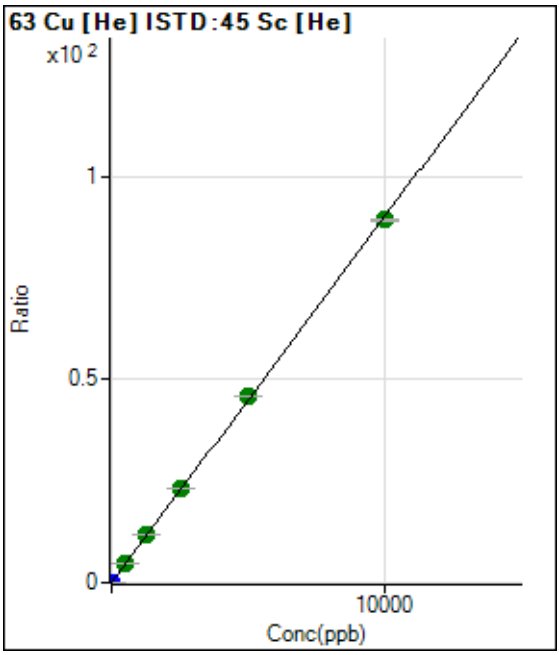



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 703.36 | 0.0011 | P | 3.5 |
| 2 | ☐ | 0.100 | 0.103 | 935.59 | 0.0014 | P | 7.0 |
| 3 | ☐ | 1.000 | 1.076 | 2958.09 | 0.0045 | P | 4.7 |
| 4 | ☐ | 50.000 | 53.742 | 107335.90 | 0.1700 | 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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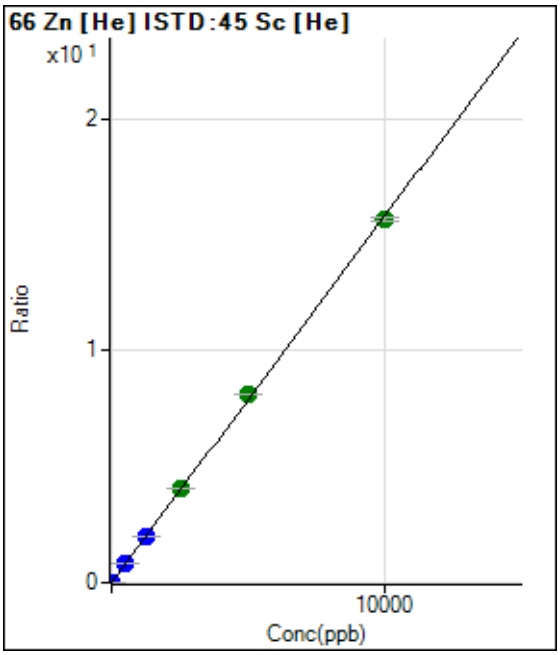
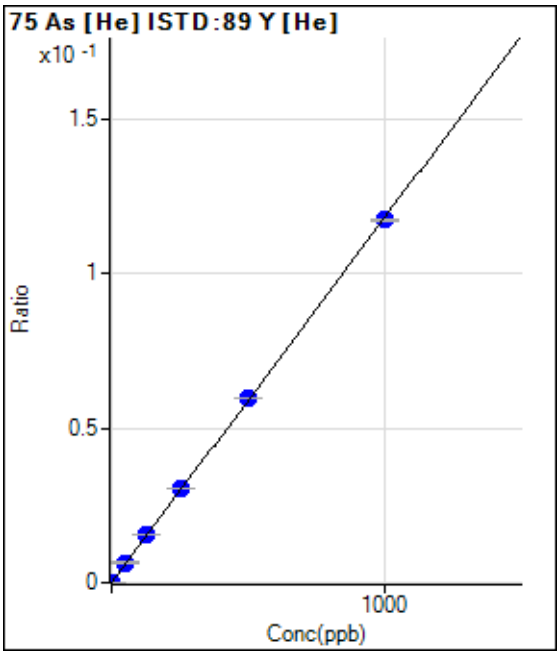



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 140.00 | 0.0002 | P | 13.2 |
| 2 | ☐ | 0.500 | 0.574 | 743.36 | 0.0011 | P | 7.8 |
| 3 | ☐ | 5.000 | 5.336 | 5710.04 | 0.0086 | P | 2.7 |
| 4 | ☐ | 500.000 | 528.518 | 526441.51 | 0.8340 | 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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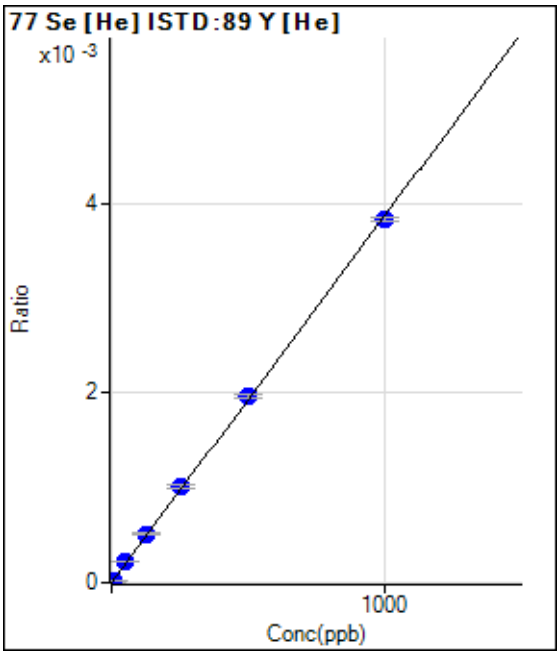
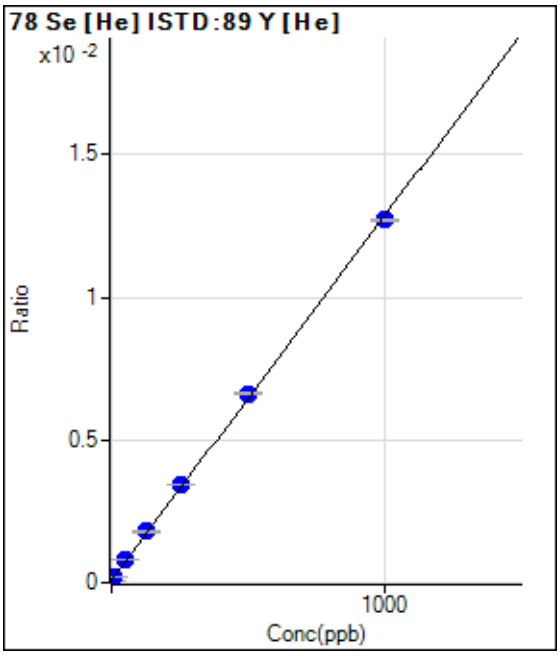



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | |
| 2 | ☐ | 0.500 | 0.556 | 12.22 | 0.0000 | P | 63.1 |
| 3 | ☐ | 5.000 | 5.374 | 117.78 | 0.0000 | P | 20.2 |
| 4 | ☐ | 50.000 | 56.966 | 1204.51 | 0.0002 | P | 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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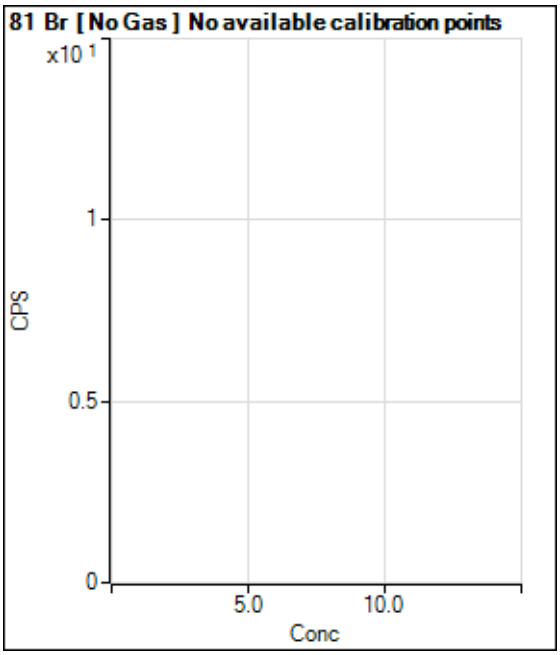
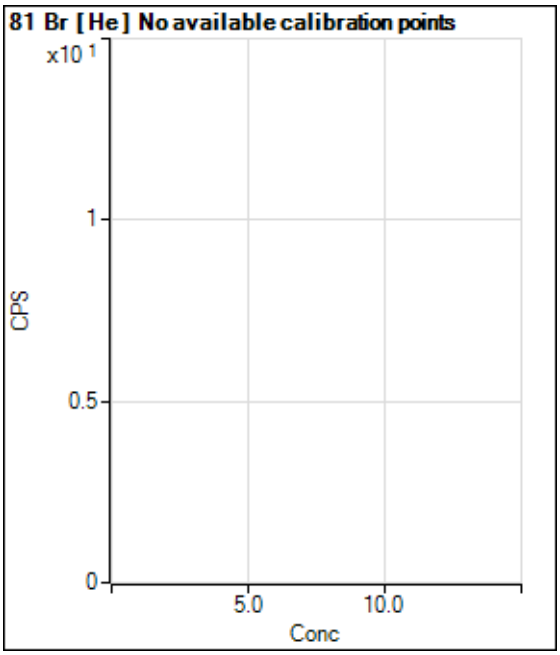



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 15062.23 | | P | 1.6 |
| 2 | ☐ | | | 15345.84 | | P | 1.6 |
| 3 | ☐ | | | 15670.65 | | P | 1.7 |
| 4 | ☐ | | | 15181.25 | | P | 0.5 |
| 5 | ☐ | | | 13928.90 | | P | 1.5 |
| 6 | ☐ | | | 12653.29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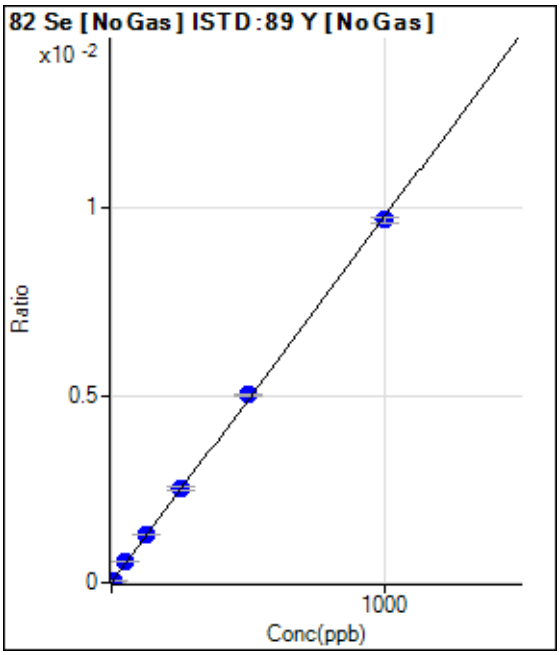
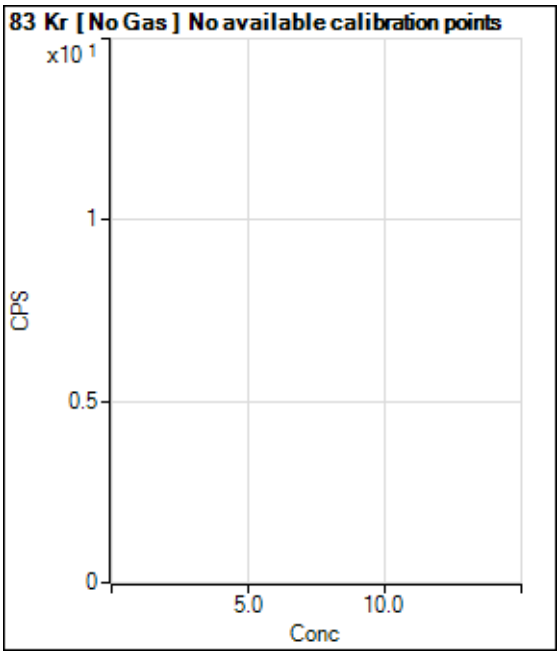



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 128.11 | 0.0000 | P | 34.4 |
| 2 | ☐ | 0.500 | 0.495 | 225.03 | 0.0000 | P | 16.6 |
| 3 | ☐ | 5.000 | 5.531 | 1206.07 | 0.0001 | P | 2.4 |
| 4 | ☐ | 50.000 | 55.587 | 10741.72 | 0.0005 | 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 |

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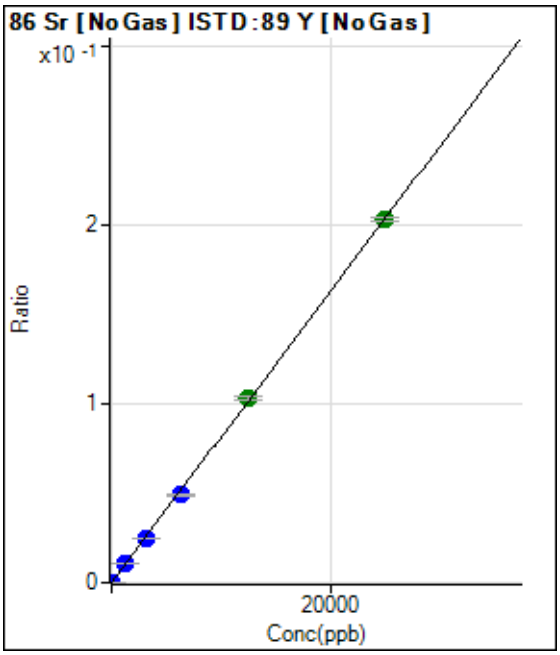
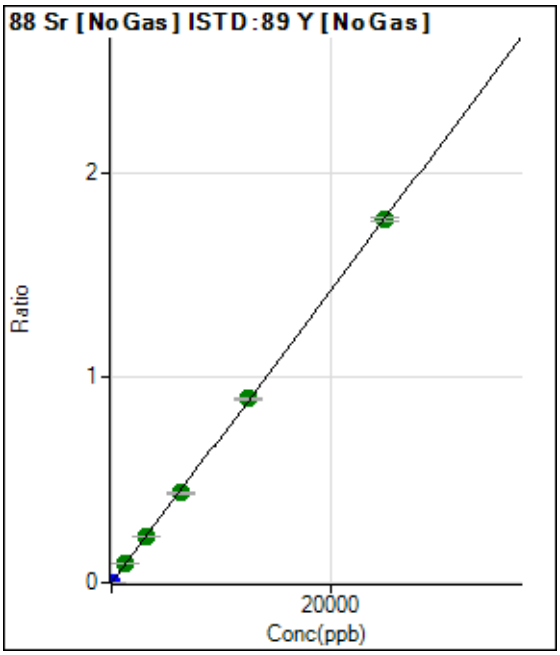



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 338.90 | 0.0000 | P | 4.0 |
| 2 | ☐ | 0.100 | 2.759 | 781.14 | 0.0000 | P | 7.2 |
| 3 | ☐ | 1.000 | 26.769 | 4671.90 | 0.0002 | P | 3.3 |
| 4 | ☐ | 1250.000 | 1281.439 | 203841.85 | 0.0104 | P | 0.5 |
| 5 | ☐ | 3125.000 | 3079.156 | 474498.56 | 0.0250 | P | 1.3 |
| 6 | ☐ | 6250.000 | 6033.531 | 908725.79 | 0.0490 | P | 2.5 |
| 7 | ☐ | 12500.000 | 12682.843 | 1824843.76 | 0.1030 | A | 1.7 |
| 8 | ☐ | 25000.000 | 24966.853 | 3560924.22 | 0.2027 | A | 1.0 |
| 9 | ☐ | | | 10625.02 | 0.0006 | P | 3.2 |

y = 8.1187E-006 * x + 1.7704E-005
R = 0.9999
DL = 0.2636
BEC = 2.181

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 172.23 | 0.0000 | P | 6.0 |
| 2 | ☐ | 0.100 | 2.700 | 3909.44 | 0.0002 | P | 4.1 |
| 3 | ☐ | 1.000 | 26.423 | 37441.99 | 0.0019 | P | 0.8 |
| 4 | ☐ | 1250.000 | 1324.294 | 1837975.23 | 0.0940 | A | 0.6 |
| 5 | ☐ | 3125.000 | 3162.338 | 4255951.60 | 0.2244 | A | 0.1 |
| 6 | ☐ | 6250.000 | 6206.273 | 8166355.02 | 0.4403 | A | 2.1 |
| 7 | ☐ | 12500.000 | 12625.745 | 15872532.68 | 0.8958 | A | 0.3 |
| 8 | ☐ | 25000.000 | 24939.676 | 31082017.87 | 1.7694 | A | 1.2 |
| 9 | ☐ | | | 90339.52 | 0.0052 | P | 0.6 |

y = 7.0949E-005 * x + 8.9976E-006
R = 1.0000
DL = 0.02283
BEC = 0.1268

Weight: <None>
Min Conc: 0

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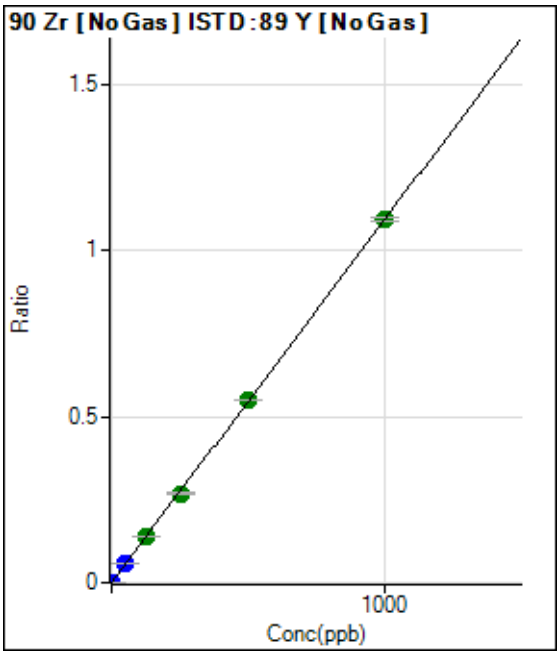
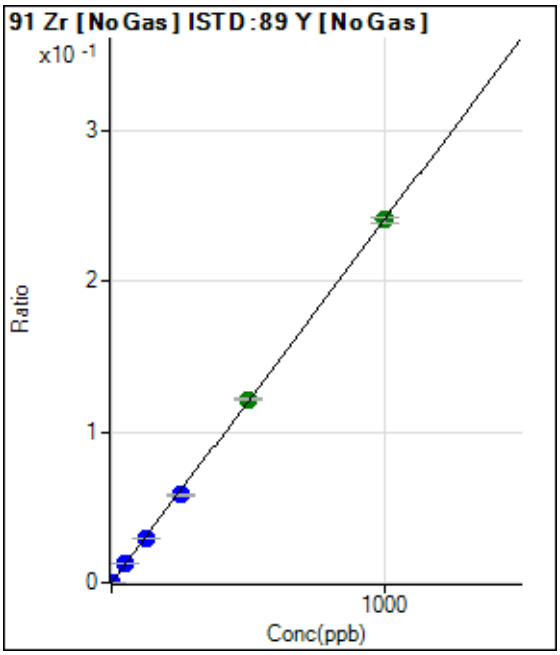



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 760.03 | 0.0000 | P | 2.5 |
| 2 | ☐ | 0.100 | 0.099 | 2881.42 | 0.0001 | P | 4.5 |
| 3 | ☐ | 1.000 | 1.006 | 22633.09 | 0.0011 | P | 1.4 |
| 4 | ☐ | 50.000 | 50.913 | 1088818.01 | 0.0557 | P | 0.4 |
| 5 | ☐ | 125.000 | 126.609 | 2624576.38 | 0.1384 | A | 0.5 |
| 6 | ☐ | 250.000 | 245.835 | 4982031.39 | 0.2686 | A | 2.0 |
| 7 | ☐ | 500.000 | 501.586 | 9710805.20 | 0.5480 | A | 0.3 |
| 8 | ☐ | 1000.000 | 1000.001 | 19192261.24 | 1.0926 | A | 1.2 |
| 9 | ☐ | | | 13167.14 | 0.0008 | P | 4.6 |

y = 0.0011 * x + 3.9703E-005
R = 1.0000
DL = 0.002694
BEC = 0.03634

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 126.67 | 0.0000 | P | 24.9 |
| 2 | ☐ | 0.100 | 0.096 | 581.13 | 0.0000 | P | 2.0 |
| 3 | ☐ | 1.000 | 1.022 | 5018.68 | 0.0003 | P | 5.4 |
| 4 | ☐ | 50.000 | 51.268 | 241492.26 | 0.0123 | P | 0.7 |
| 5 | ☐ | 125.000 | 122.685 | 560223.44 | 0.0295 | P | 0.7 |
| 6 | ☐ | 250.000 | 242.099 | 1080634.37 | 0.0583 | P | 3.1 |
| 7 | ☐ | 500.000 | 504.722 | 2152566.90 | 0.1215 | A | 1.5 |
| 8 | ☐ | 1000.000 | 999.840 | 4227267.54 | 0.2407 | A | 1.7 |
| 9 | ☐ | | | 2791.40 | 0.0002 | P | 5.2 |

y = 2.4069E-004 * x + 6.6150E-006
R = 0.9999
DL = 0.02055
BEC = 0.02748

Weight: <None>
Min Conc: 0

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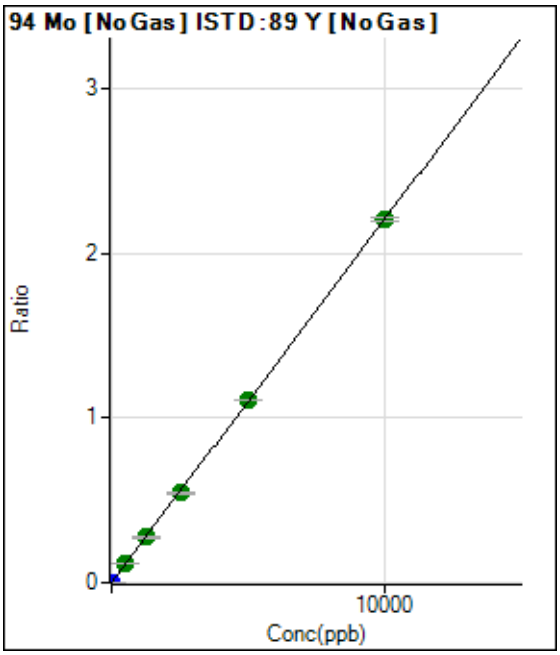
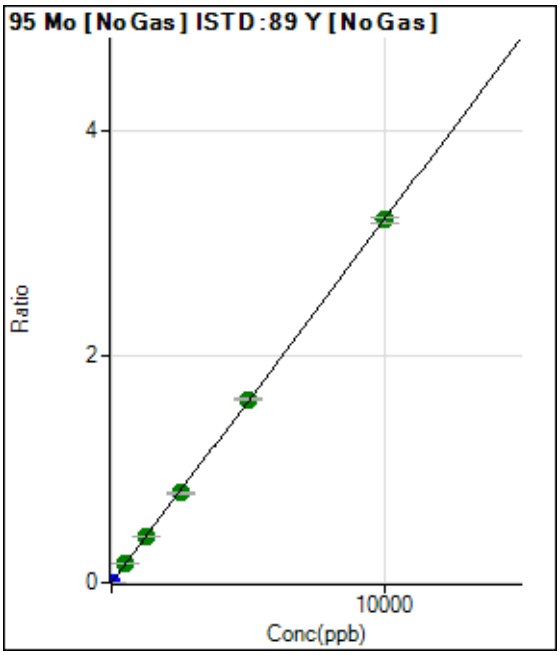



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 390.01 | 0.0000 | P | 15.3 |
| 2 | ☐ | 0.500 | 0.609 | 3015.89 | 0.0002 | P | 6.1 |
| 3 | ☐ | 5.000 | 6.149 | 27363.36 | 0.0014 | P | 3.7 |
| 4 | ☐ | 500.000 | 523.991 | 2261657.52 | 0.1156 | A | 0.9 |
| 5 | ☐ | 1250.000 | 1254.806 | 5251022.63 | 0.2769 | A | 2.3 |
| 6 | ☐ | 2500.000 | 2473.846 | 10123121.65 | 0.5458 | A | 1.3 |
| 7 | ☐ | 5000.000 | 5027.129 | 19651728.74 | 1.1091 | A | 0.3 |
| 8 | ☐ | 10000.000 | 9991.173 | 38720346.92 | 2.2042 | A | 0.9 |
| 9 | ☐ | | | 12097.38 | 0.0007 | P | 11.9 |

y = 2.2062E-004 * x + 2.0369E-005
R = 1.0000
DL = 0.04246
BEC = 0.09233

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 318.90 | 0.0000 | P | 1.3 |
| 2 | ☐ | 0.500 | 0.525 | 3606.03 | 0.0002 | P | 4.5 |
| 3 | ☐ | 5.000 | 5.226 | 33675.34 | 0.0017 | P | 0.7 |
| 4 | ☐ | 500.000 | 524.469 | 3293095.16 | 0.1684 | A | 0.9 |
| 5 | ☐ | 1250.000 | 1258.452 | 7661587.39 | 0.4039 | A | 2.2 |
| 6 | ☐ | 2500.000 | 2472.500 | 14716919.36 | 0.7936 | A | 2.7 |
| 7 | ☐ | 5000.000 | 5036.321 | 28642513.46 | 1.6165 | A | 0.8 |
| 8 | ☐ | 10000.000 | 9986.434 | 56303797.49 | 3.2053 | A | 1.5 |
| 9 | ☐ | | | 12276.48 | 0.0007 | P | 18.0 |

y = 3.2097E-004 * x + 1.6659E-005
R = 1.0000
DL = 0.002052
BEC = 0.0519

Weight: <None>
Min Conc: 0

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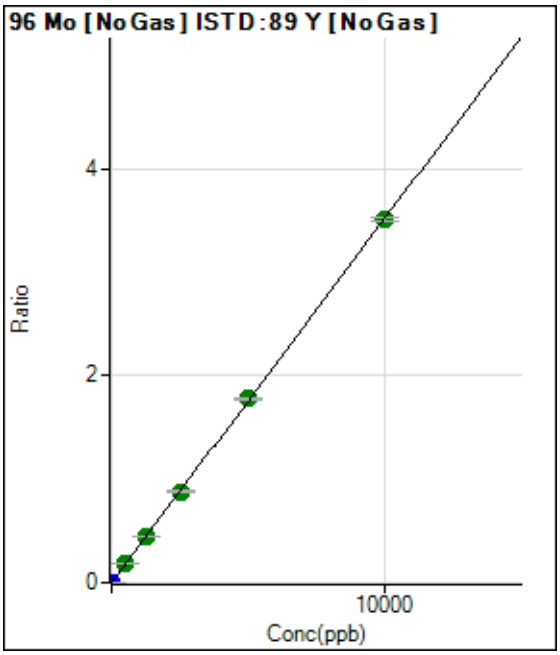
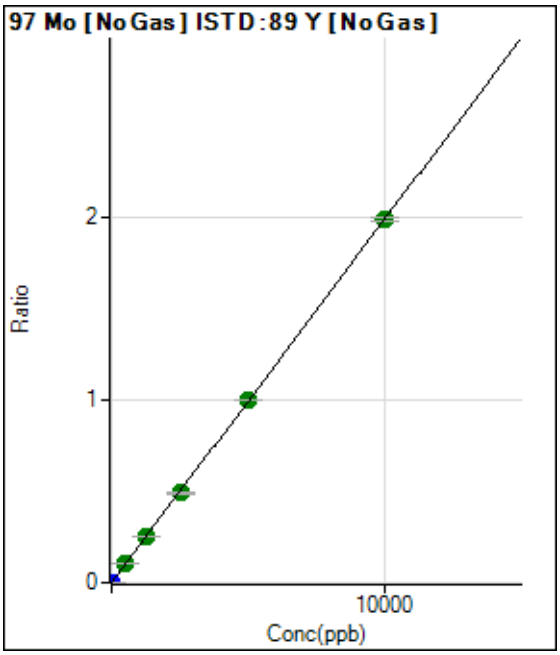



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 337.79 | 0.0000 | P | 6.3 |
| 2 | ☐ | 0.500 | 0.543 | 4060.61 | 0.0002 | P | 3.0 |
| 3 | ☐ | 5.000 | 5.298 | 37348.67 | 0.0019 | P | 0.5 |
| 4 | ☐ | 500.000 | 523.928 | 3600655.95 | 0.1841 | A | 0.1 |
| 5 | ☐ | 1250.000 | 1262.685 | 8414235.43 | 0.4436 | A | 1.2 |
| 6 | ☐ | 2500.000 | 2491.000 | 16229252.26 | 0.8751 | A | 2.5 |
| 7 | ☐ | 5000.000 | 5052.181 | 31448899.53 | 1.7749 | A | 0.8 |
| 8 | ☐ | 10000.000 | 9973.377 | 61547509.08 | 3.5038 | A | 1.1 |
| 9 | ☐ | | | 22724.62 | 0.0013 | P | 10.3 |

y = 3.5131E-004 * x + 1.7649E-005
R = 1.0000
DL = 0.009566
BEC = 0.05024

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 170.00 | 0.0000 | P | 9.4 |
| 2 | ☐ | 0.500 | 0.537 | 2255.76 | 0.0001 | P | 8.4 |
| 3 | ☐ | 5.000 | 5.284 | 21093.05 | 0.0011 | P | 0.5 |
| 4 | ☐ | 500.000 | 529.357 | 2061978.77 | 0.1054 | A | 1.0 |
| 5 | ☐ | 1250.000 | 1263.312 | 4771668.61 | 0.2516 | A | 1.5 |
| 6 | ☐ | 2500.000 | 2480.353 | 9159854.38 | 0.4939 | A | 2.3 |
| 7 | ☐ | 5000.000 | 5025.822 | 17733017.93 | 1.0008 | A | 0.8 |
| 8 | ☐ | 10000.000 | 9988.869 | 34940929.48 | 1.9891 | A | 1.0 |
| 9 | ☐ | | | 7727.74 | 0.0004 | P | 19.5 |

y = 1.9913E-004 * x + 8.8790E-006
R = 1.0000
DL = 0.01258
BEC = 0.04459

Weight: <None>
Min Conc: 0

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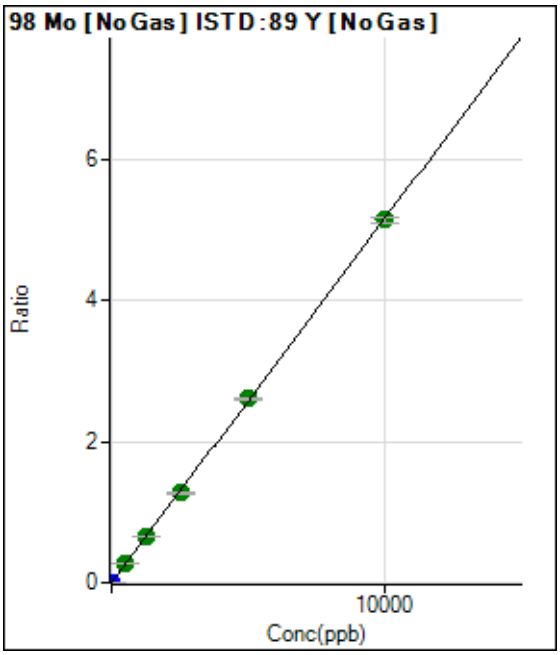
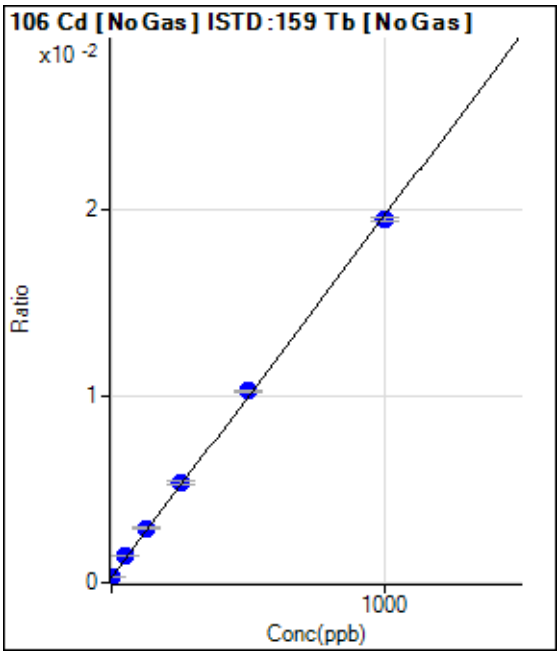



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 437.79 | 0.0000 | P | 7.2 |
| 2 | ☐ | 0.500 | 0.514 | 5601.12 | 0.0003 | P | 7.2 |
| 3 | ☐ | 5.000 | 5.182 | 53485.15 | 0.0027 | P | 1.5 |
| 4 | ☐ | 500.000 | 522.089 | 5258753.95 | 0.2689 | A | 0.3 |
| 5 | ☐ | 1250.000 | 1260.302 | 12309158.98 | 0.6490 | A | 1.3 |
| 6 | ☐ | 2500.000 | 2468.158 | 23570447.42 | 1.2709 | A | 1.9 |
| 7 | ☐ | 5000.000 | 5059.826 | 46163832.64 | 2.6054 | A | 0.5 |
| 8 | ☐ | 10000.000 | 9975.655 | 90228163.10 | 5.1366 | A | 1.4 |
| 9 | ☐ | | | 18877.12 | 0.0011 | P | 19.8 |

y = 5.1491E-004 * x + 2.2875E-005
R = 1.0000
DL = 0.009657
BEC = 0.04443

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4468.51 | 0.0003 | P | 4.6 |
| 2 | ☐ | 0.100 | 0.543 | 4685.24 | 0.0003 | P | 3.4 |
| 3 | ☐ | 1.000 | 1.796 | 5118.73 | 0.0003 | P | 0.9 |
| 4 | ☐ | 50.000 | 59.153 | 22834.71 | 0.0014 | P | 0.9 |
| 5 | ☐ | 125.000 | 136.134 | 46112.88 | 0.0029 | P | 2.2 |
| 6 | ☐ | 250.000 | 259.694 | 84186.68 | 0.0053 | P | 3.6 |
| 7 | ☐ | 500.000 | 514.525 | 157600.88 | 0.0102 | P | 1.2 |
| 8 | ☐ | 1000.000 | 988.464 | 298756.06 | 0.0194 | P | 1.0 |
| 9 | ☐ | | | 4344.02 | 0.0003 | P | 4.2 |

y = 1.9338E-005 * x + 2.8719E-004
R = 0.9998
DL = 2.049
BEC = 14.85

Weight: <None>
Min Conc: 0

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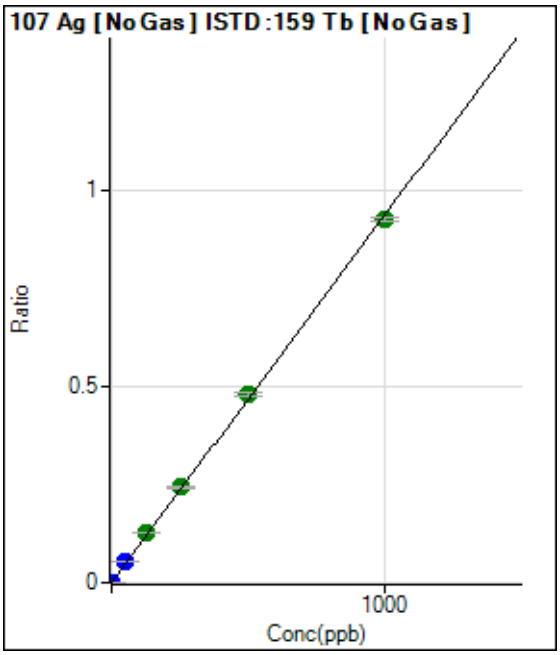
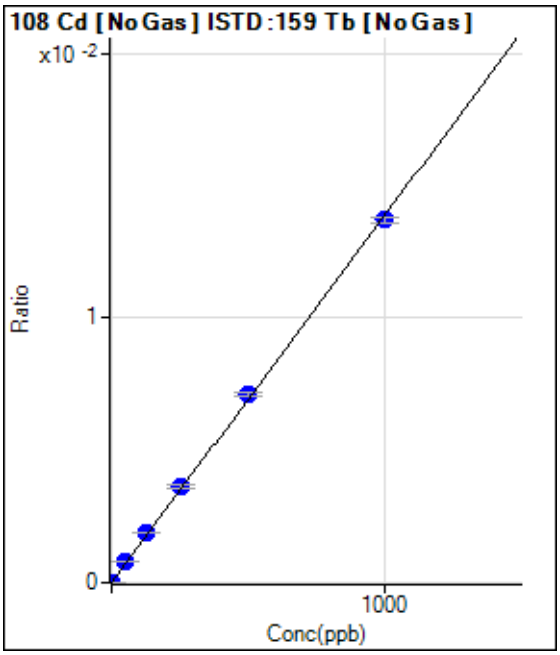



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 106.67 | 0.0000 | P | 16.3 |
| 2 | ☐ | 0.100 | 0.105 | 1659.00 | 0.0001 | P | 5.2 |
| 3 | ☐ | 1.000 | 1.123 | 16857.64 | 0.0011 | P | 1.0 |
| 4 | ☐ | 50.000 | 57.252 | 856641.86 | 0.0537 | P | 1.6 |
| 5 | ☐ | 125.000 | 136.974 | 2028947.02 | 0.1285 | A | 1.0 |
| 6 | ☐ | 250.000 | 260.603 | 3875975.11 | 0.2444 | A | 2.3 |
| 7 | ☐ | 500.000 | 514.580 | 7428867.81 | 0.4826 | A | 1.5 |
| 8 | ☐ | 1000.000 | 988.200 | 14269480.48 | 0.9267 | A | 0.9 |
| 9 | ☐ | | | 3158.16 | 0.0002 | P | 18.6 |

y = 9.3776E-004 * x + 6.8540E-006
R = 0.9997
DL = 0.003564
BEC = 0.007309

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0000 | P | 63.2 |
| 2 | ☐ | 0.100 | 0.135 | 42.22 | 0.0000 | P | 36.8 |
| 3 | ☐ | 1.000 | 1.224 | 282.23 | 0.0000 | P | 6.6 |
| 4 | ☐ | 50.000 | 57.519 | 12729.00 | 0.0008 | P | 1.7 |
| 5 | ☐ | 125.000 | 135.482 | 29665.91 | 0.0019 | P | 1.2 |
| 6 | ☐ | 250.000 | 261.462 | 57472.02 | 0.0036 | P | 3.1 |
| 7 | ☐ | 500.000 | 513.443 | 109550.61 | 0.0071 | P | 1.2 |
| 8 | ☐ | 1000.000 | 988.727 | 210984.02 | 0.0137 | P | 1.4 |
| 9 | ☐ | | | 115.56 | 0.0000 | P | 25.1 |

y = 1.3858E-005 * x + 7.8736E-007
R = 0.9998
DL = 0.1077
BEC = 0.05682

Weight: <None>
Min Conc: 0

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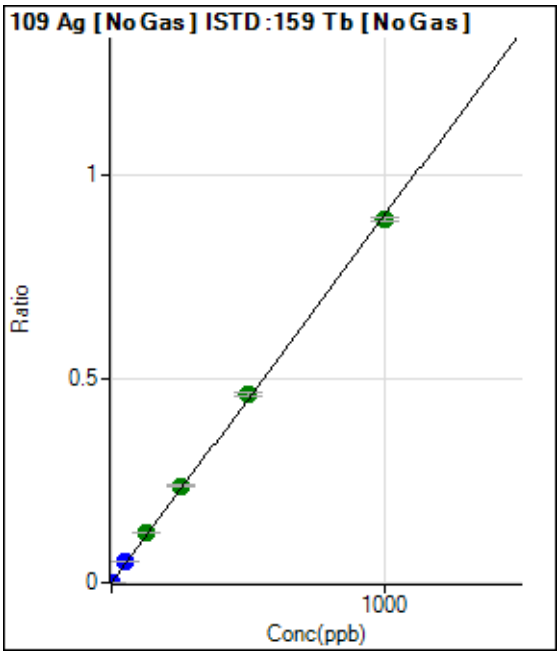
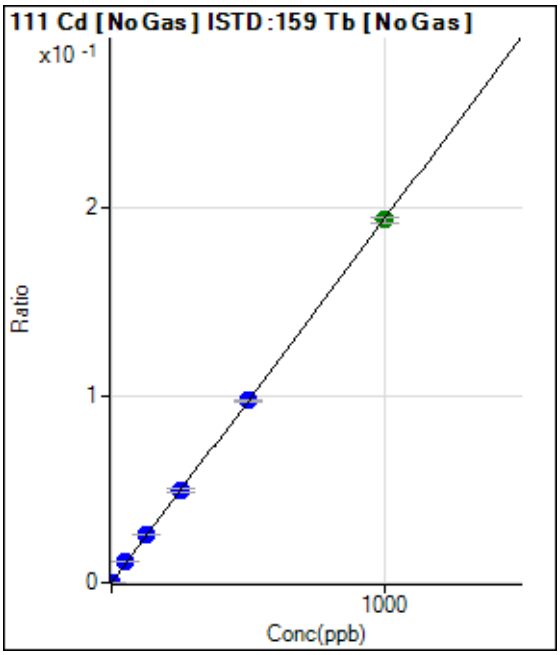



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 53.33 | 0.0000 | P | 12.4 |
| 2 | ☐ | 0.100 | 0.109 | 1595.66 | 0.0001 | P | 6.5 |
| 3 | ☐ | 1.000 | 1.120 | 16076.79 | 0.0010 | P | 2.5 |
| 4 | ☐ | 50.000 | 57.035 | 818884.30 | 0.0513 | P | 1.4 |
| 5 | ☐ | 125.000 | 137.415 | 1953302.37 | 0.1237 | A | 0.6 |
| 6 | ☐ | 250.000 | 262.246 | 3743080.84 | 0.2360 | A | 1.9 |
| 7 | ☐ | 500.000 | 514.504 | 7127618.85 | 0.4630 | A | 1.7 |
| 8 | ☐ | 1000.000 | 987.783 | 13687033.41 | 0.8889 | A | 1.1 |
| 9 | ☐ | | | 2889.21 | 0.0002 | P | 16.3 |

y = 8.9987E-004 * x + 3.4277E-006
R = 0.9997
DL = 0.001412
BEC = 0.003809

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 908.54 | 0.0001 | P | 4.3 |
| 2 | ☑ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.207 | 4656.84 | 0.0003 | P | 3.7 |
| 4 | ☐ | 50.000 | 55.666 | 173452.76 | 0.0109 | P | 1.3 |
| 5 | ☐ | 125.000 | 131.168 | 403367.50 | 0.0255 | P | 1.0 |
| 6 | ☐ | 250.000 | 252.794 | 779696.24 | 0.0492 | P | 2.8 |
| 7 | ☐ | 500.000 | 501.229 | 1499847.72 | 0.0974 | P | 1.2 |
| 8 | ☐ | 1000.000 | 997.632 | 2984858.91 | 0.1939 | A | 1.7 |
| 9 | ☐ | | | 1480.90 | 0.0001 | P | 3.7 |

y = 1.9425E-004 * x + 5.8391E-005
R = 1.0000
DL = 0.03846
BEC = 0.3006

Weight: <None>
Min Conc: 0

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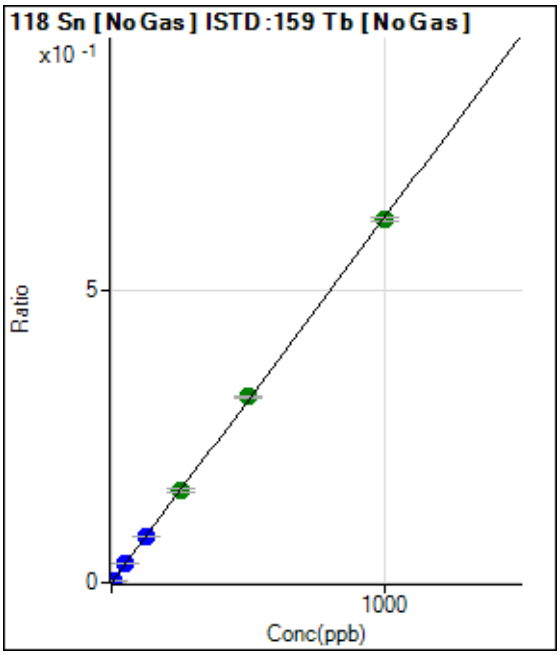
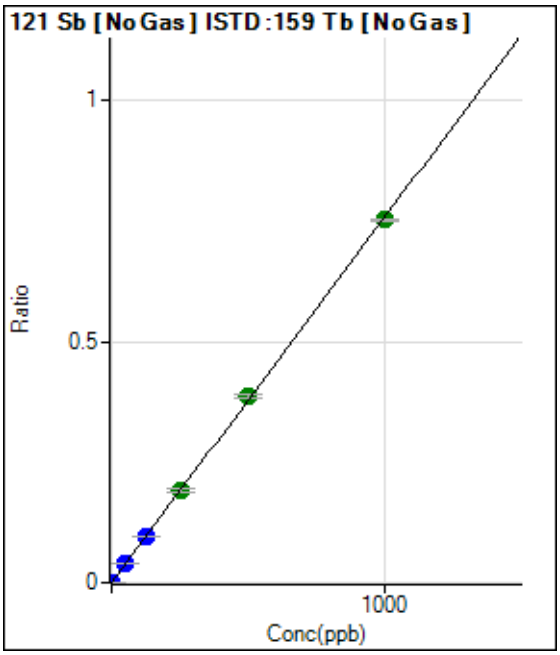



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1097.83 | 0.0001 | P | 8.2 |
| 2 | ☐ | 0.500 | 0.587 | 6862.80 | 0.0004 | P | 3.6 |
| 3 | ☐ | 5.000 | 5.630 | 56876.25 | 0.0036 | P | 1.4 |
| 4 | ☐ | 50.000 | 53.915 | 536854.94 | 0.0337 | P | 1.7 |
| 5 | ☐ | 125.000 | 127.357 | 1253960.40 | 0.0794 | P | 1.2 |
| 6 | ☐ | 250.000 | 253.205 | 2502186.02 | 0.1578 | A | 2.6 |
| 7 | ☐ | 500.000 | 509.587 | 4887453.29 | 0.3175 | A | 1.0 |
| 8 | ☐ | 1000.000 | 993.911 | 9533235.55 | 0.6191 | A | 0.9 |
| 9 | ☐ | | | 3757.20 | 0.0003 | P | 11.4 |

y = 6.2284E-004 * x + 7.0562E-005
R = 0.9999
DL = 0.0279
BEC = 0.1133

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 58.89 | 0.0000 | P | 32.7 |
| 2 | ☐ | 0.200 | 0.230 | 2793.63 | 0.0002 | P | 4.9 |
| 3 | ☐ | 2.000 | 2.196 | 26491.13 | 0.0017 | P | 2.7 |
| 4 | ☐ | 50.000 | 53.243 | 643034.95 | 0.0403 | P | 1.3 |
| 5 | ☐ | 125.000 | 125.903 | 1505247.63 | 0.0953 | P | 1.1 |
| 6 | ☐ | 250.000 | 252.216 | 3027480.89 | 0.1909 | A | 3.0 |
| 7 | ☐ | 500.000 | 511.438 | 5959692.06 | 0.3871 | A | 1.3 |
| 8 | ☐ | 1000.000 | 993.452 | 11578969.83 | 0.7520 | A | 0.8 |
| 9 | ☐ | | | 7479.80 | 0.0005 | P | 7.5 |

y = 7.5692E-004 * x + 3.7892E-006
R = 0.9999
DL = 0.004907
BEC = 0.005006

Weight: <None>
Min Conc: 0

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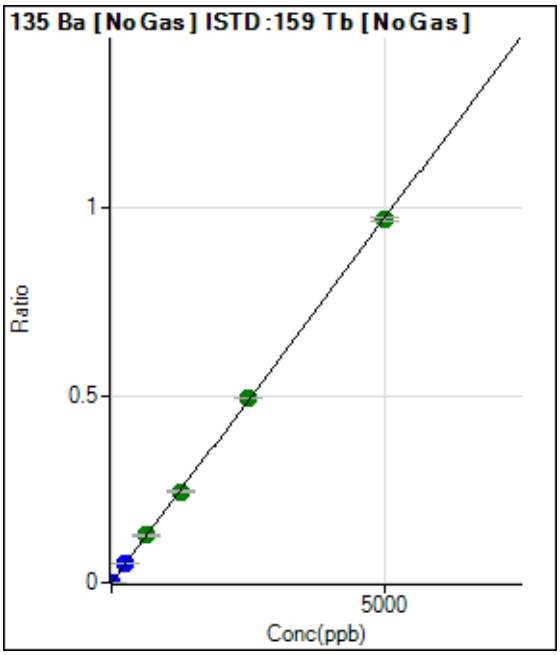
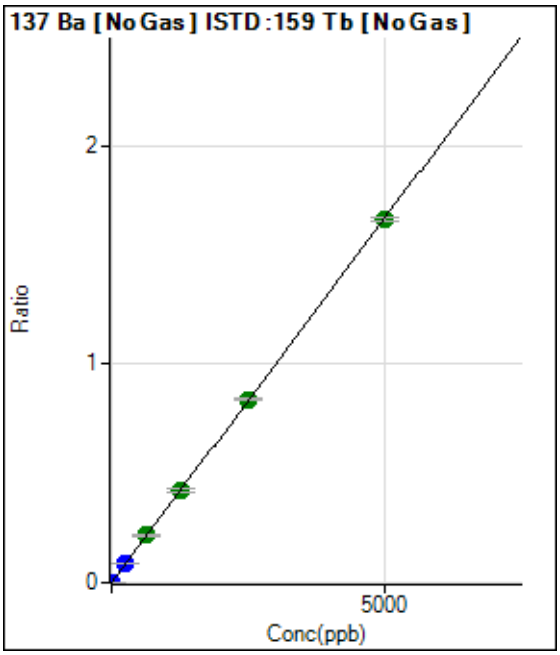



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 61.11 | 0.0000 | P | 14.2 |
| 2 | ☐ | 1.000 | 1.084 | 3374.88 | 0.0002 | P | 3.5 |
| 3 | ☐ | 10.000 | 10.794 | 33414.73 | 0.0021 | P | 1.3 |
| 4 | ☐ | 250.000 | 260.679 | 808272.92 | 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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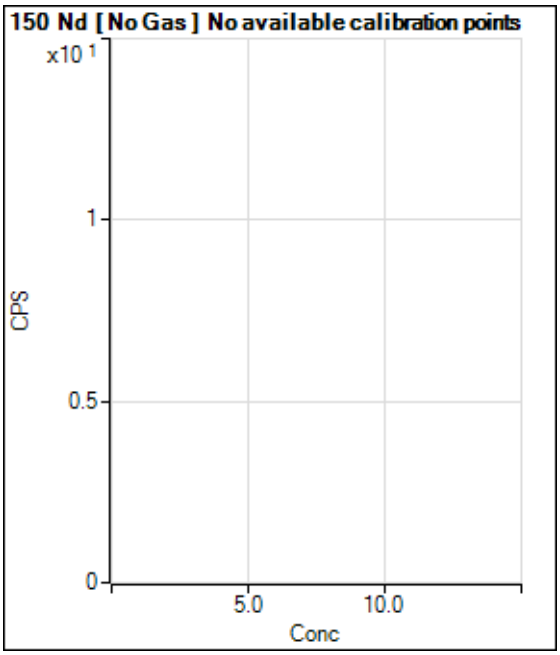
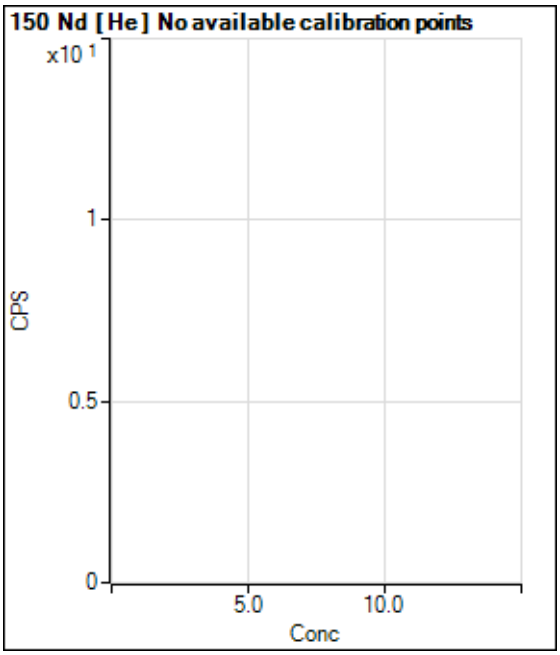



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 6.67 | | P | 0.0 |
| 2 | ☐ | | | 10.00 | | P | 33.3 |
| 3 | ☐ | | | 5.56 | | P | 34.7 |
| 4 | ☐ | | | 54.44 | | P | 31.4 |
| 5 | ☐ | | | 98.89 | | P | 10.3 |
| 6 | ☐ | | | 206.67 | | P | 14.8 |
| 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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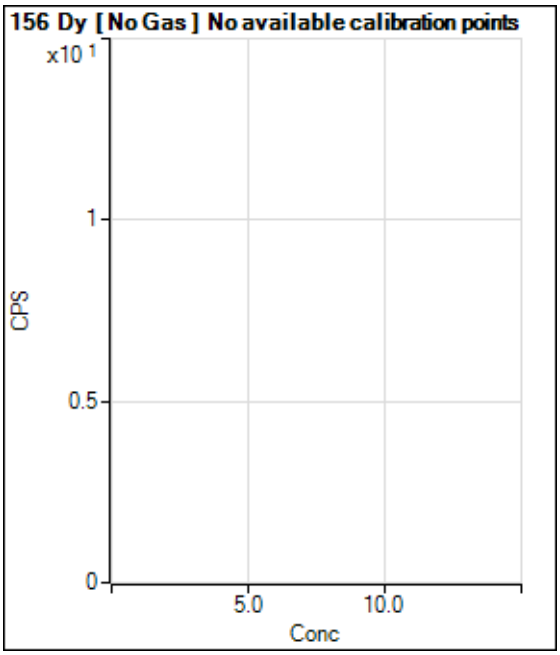
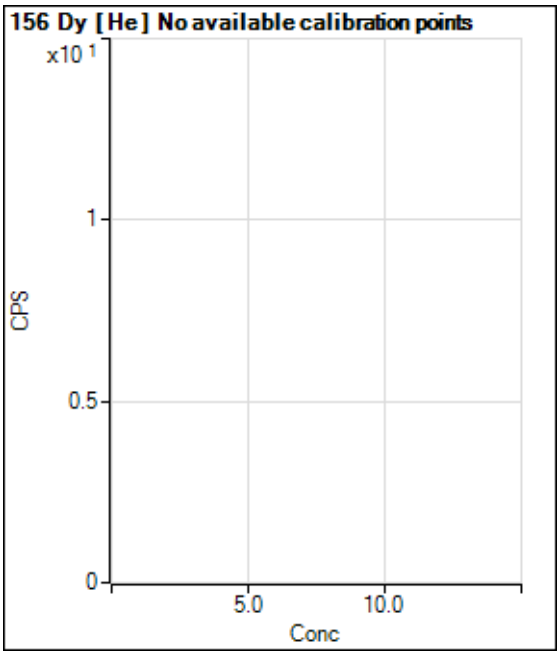



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 12.22 | | P | 56.8 |
| 2 | ☐ | | | 10.00 | | P | 66.7 |
| 3 | ☐ | | | 15.56 | | P | 49.5 |
| 4 | ☐ | | | 30.00 | | P | 80.1 |
| 5 | ☐ | | | 52.22 | | P | 43.4 |
| 6 | ☐ | | | 70.00 | | P | 29.7 |
| 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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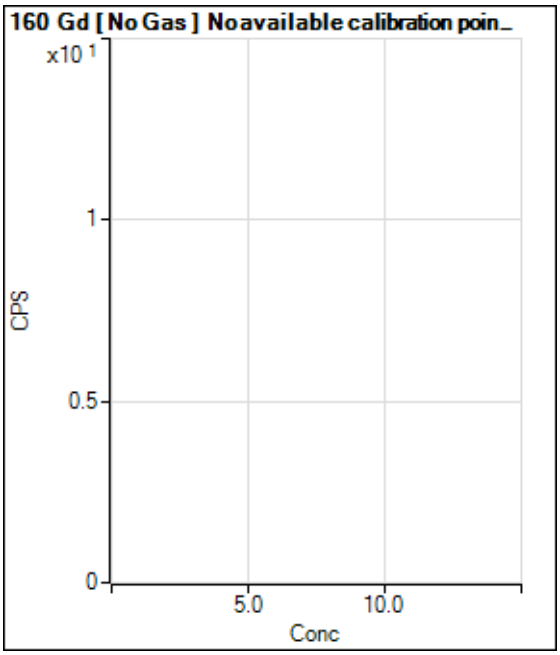
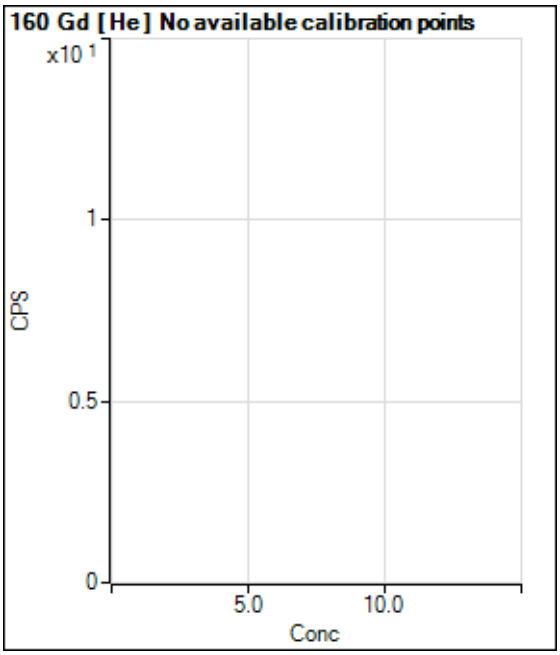



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 60.00 | | P | 43.4 |
| 2 | ☐ | | | 51.11 | | P | 32.2 |
| 3 | ☐ | | | 58.89 | | P | 34.6 |
| 4 | ☐ | | | 58.89 | | P | 13.1 |
| 5 | ☐ | | | 75.56 | | P | 29.4 |
| 6 | ☐ | | | 82.22 | | P | 18.7 |
| 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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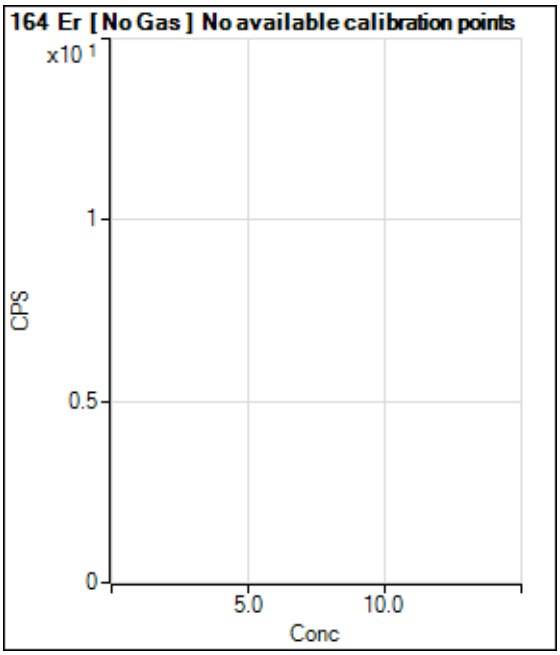
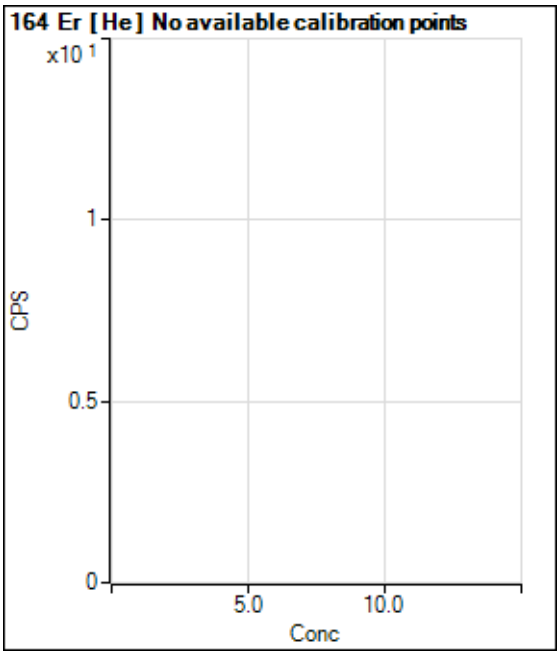



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 70.00 | | P | 24.7 |
| 2 | ☐ | | | 75.56 | | P | 6.7 |
| 3 | ☐ | | | 62.22 | | P | 29.5 |
| 4 | ☐ | | | 67.78 | | P | 10.2 |
| 5 | ☐ | | | 97.78 | | P | 24.2 |
| 6 | ☐ | | | 105.56 | | P | 23.7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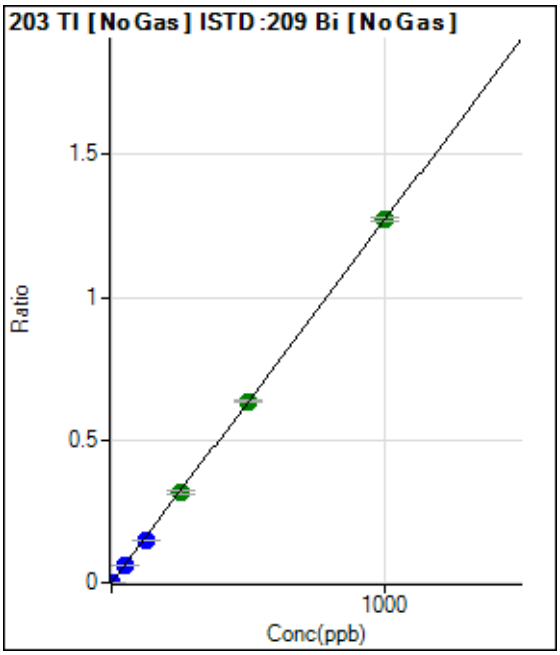
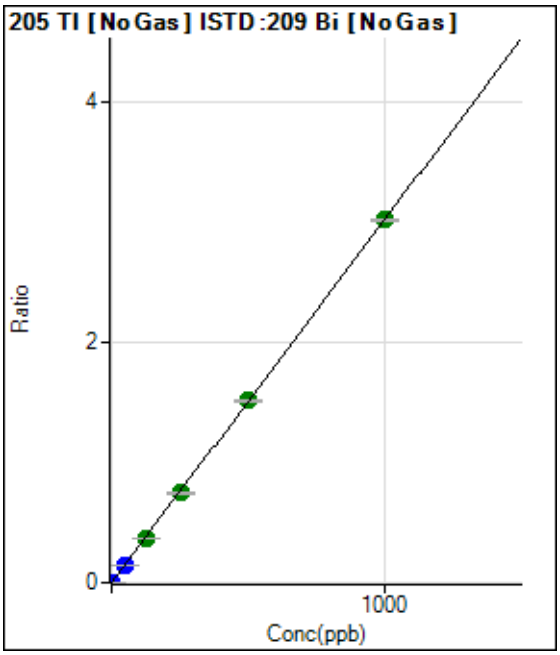



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 395.57 | 0.0000 | P | 9.2 |
| 2 | ☐ | 0.100 | 0.095 | 1524.55 | 0.0002 | P | 6.0 |
| 3 | ☐ | 1.000 | 1.020 | 12433.56 | 0.0013 | P | 2.5 |
| 4 | ☐ | 50.000 | 49.783 | 590322.23 | 0.0632 | 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

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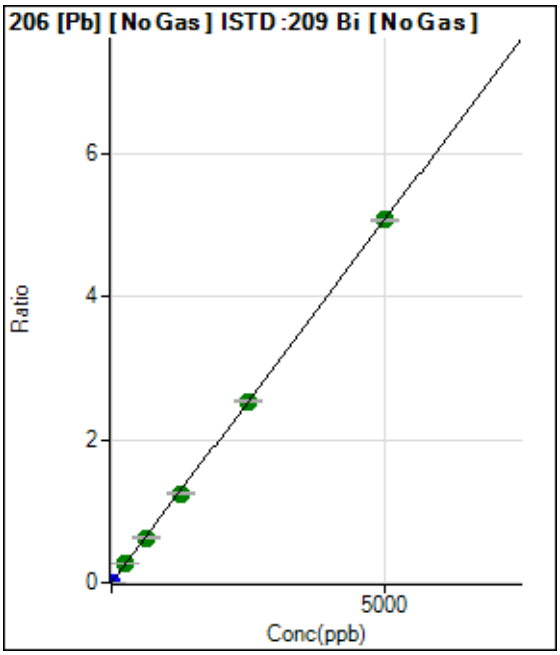
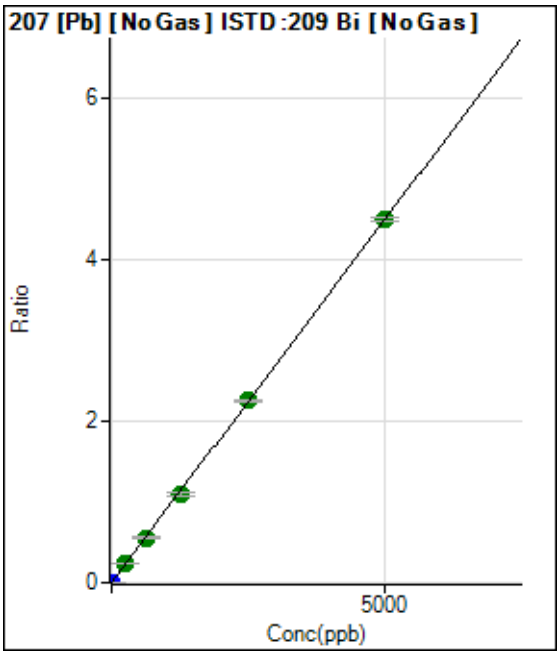



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 411.12 | 0.0000 | P | 9.7 |
| 2 | ☐ | 0.100 | 0.100 | 1360.09 | 0.0001 | P | 4.1 |
| 3 | ☐ | 1.000 | 1.008 | 9913.71 | 0.0011 | P | 2.7 |
| 4 | ☐ | 250.000 | 257.012 | 2434297.04 | 0.2608 | 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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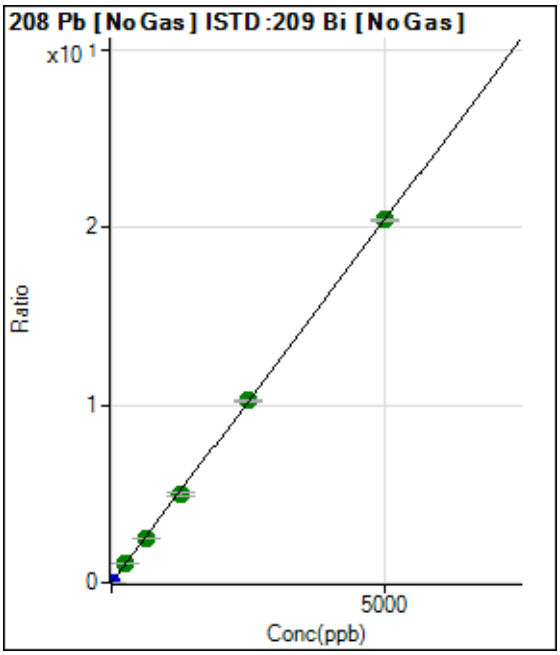
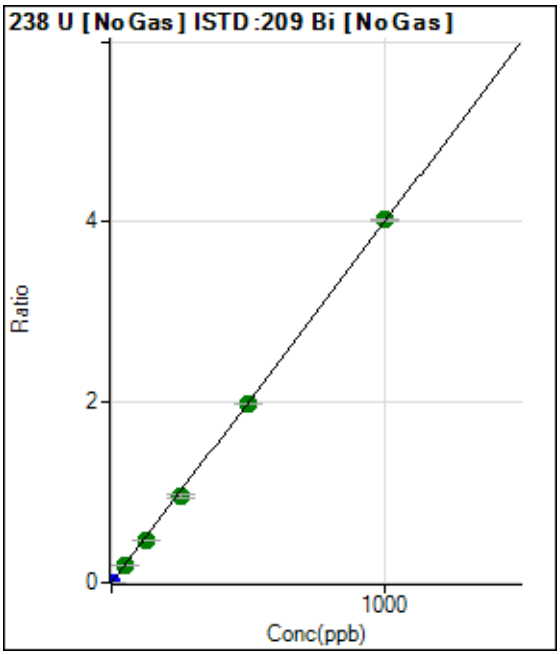



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1564.50 | 0.0002 | P | 3.1 |
| 2 | ☐ | 0.100 | 0.099 | 5344.92 | 0.0006 | P | 3.4 |
| 3 | ☐ | 1.000 | 1.000 | 39520.50 | 0.0043 | P | 2.7 |
| 4 | ☐ | 250.000 | 258.686 | 9867020.25 | 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

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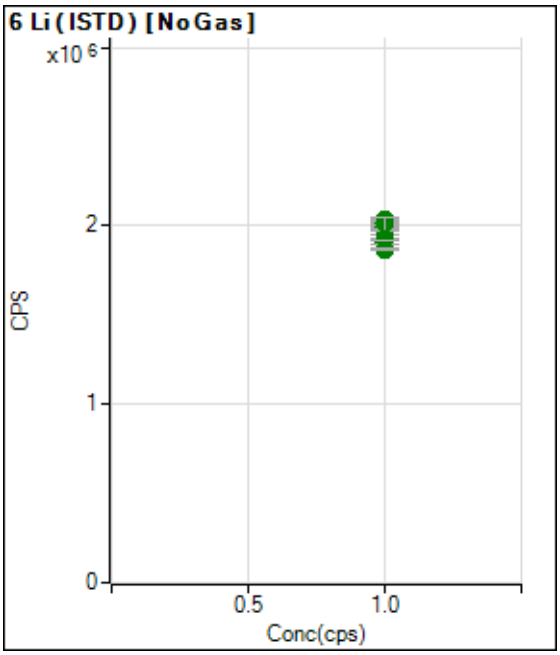
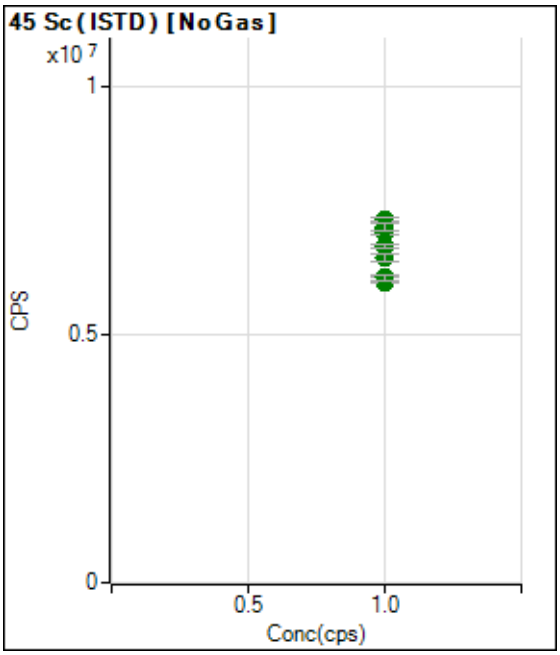



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1954229.99 | | A | 0.2 |
| 2 | ☐ | 1.000 | | 1974647.30 | | A | 5.5 |
| 3 | ☐ | 1.000 | | 2008203.55 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 2033670.73 | | A | 0.4 |
| 5 | ☐ | 1.000 | | 1994896.78 | | A | 1.1 |
| 6 | ☐ | 1.000 | | 2010796.34 | | A | 3.3 |
| 7 | ☐ | 1.000 | | 1924923.62 | | A | 0.8 |
| 8 | ☐ | 1.000 | | 1906867.00 | | A | 0.8 |
| 9 | ☐ | 1.000 | | 1865885.91 | | A | 0.6 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7066083.02 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 7159420.80 | | A | 3.9 |
| 3 | ☐ | 1.000 | | 7322207.46 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 7180610.03 | | A | 1.8 |
| 5 | ☐ | 1.000 | | 6783289.69 | | A | 1.3 |
| 6 | ☐ | 1.000 | | 6571435.53 | | A | 2.3 |
| 7 | ☐ | 1.000 | | 6184504.28 | | A | 0.4 |
| 8 | ☐ | 1.000 | | 6072434.21 | | A | 0.6 |
| 9 | ☐ | 1.000 | | 6155588.73 | | A | 1.9 |

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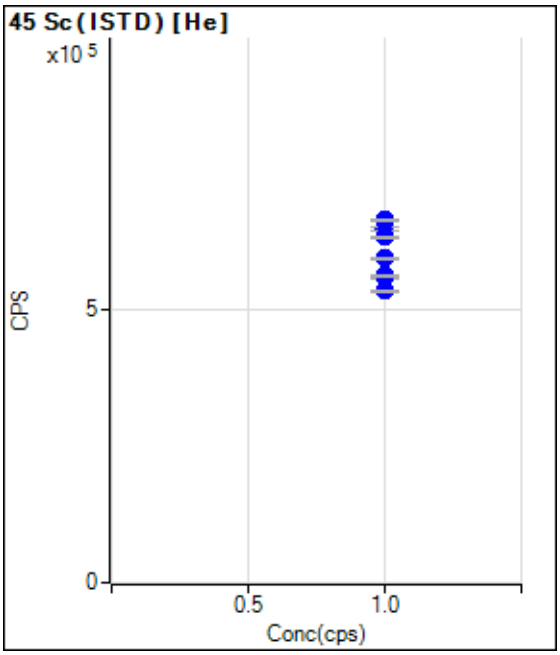
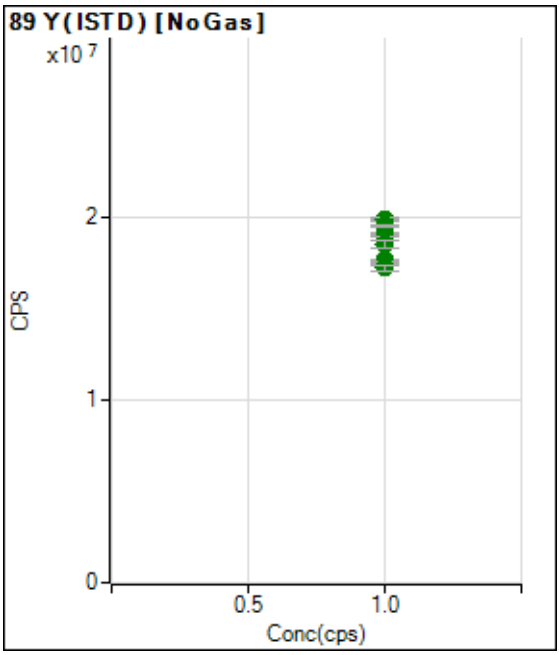



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 645578.91 | | P | 0.8 |
| 2 | ☐ | 1.000 | | 662554.35 | | P | 0.1 |
| 3 | ☐ | 1.000 | | 661361.55 | | P | 0.8 |
| 4 | ☐ | 1.000 | | 631213.47 | | P | 0.8 |
| 5 | ☐ | 1.000 | | 591752.27 | | P | 0.2 |
| 6 | ☐ | 1.000 | | 557451.76 | | P | 0.6 |
| 7 | ☐ | 1.000 | | 532153.28 | | P | 0.5 |
| 8 | ☐ | 1.000 | | 532525.87 | | P | 0.7 |
| 9 | ☐ | 1.000 | | 561056.34 | | P | 0.6 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 19142123.47 | | A | 0.4 |
| 2 | ☐ | 1.000 | | 19513656.79 | | A | 4.2 |
| 3 | ☐ | 1.000 | | 19877604.43 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 19560334.99 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 18968148.47 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 18551159.31 | | A | 2.1 |
| 7 | ☐ | 1.000 | | 17718931.68 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 17567176.27 | | A | 0.9 |
| 9 | ☐ | 1.000 | | 17239538.63 | | A | 1.4 |

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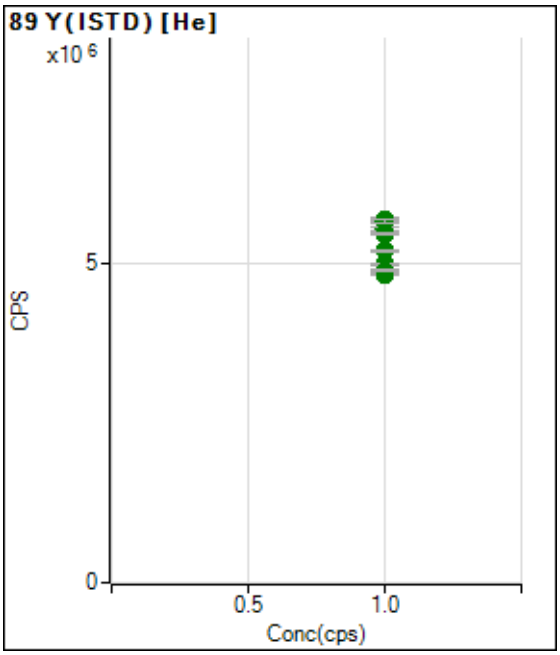
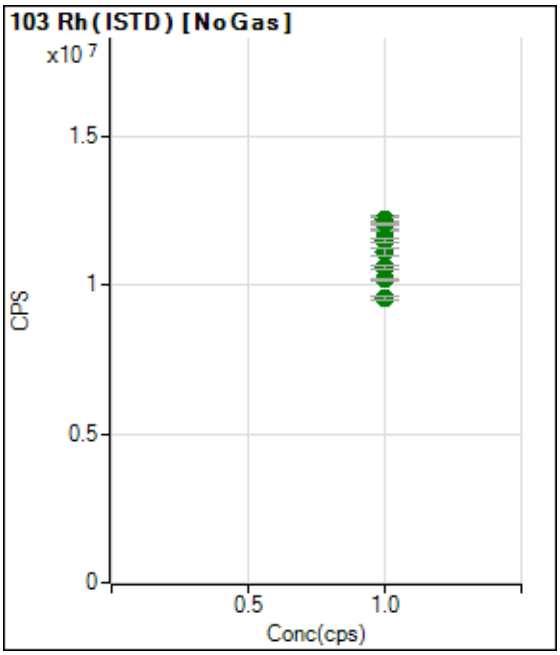



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 5547282.49 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 5691696.44 | | A | 0.9 |
| 3 | ☐ | 1.000 | | 5660092.35 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 5467609.22 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 5204723.15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

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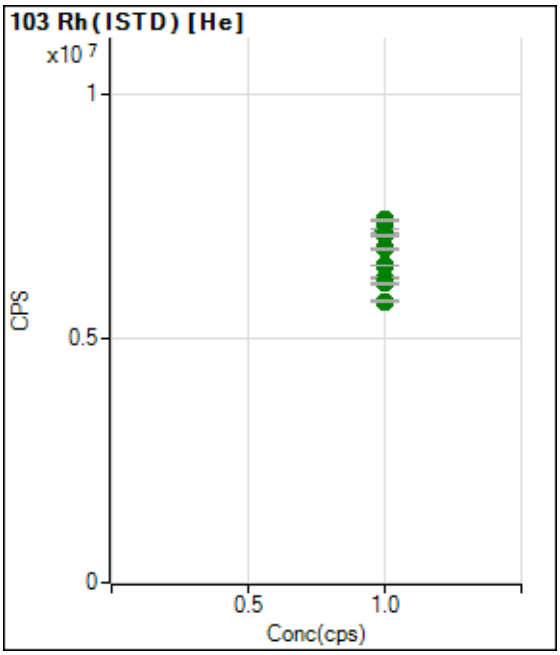
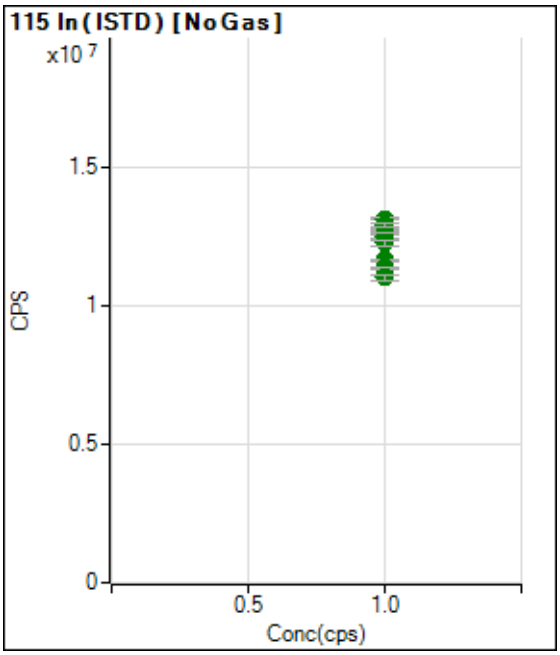



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7206836.77 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 7442425.03 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 7421020.17 | | A | 0.6 |
| 4 | ☐ | 1.000 | | 7127492.33 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 6847515.11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

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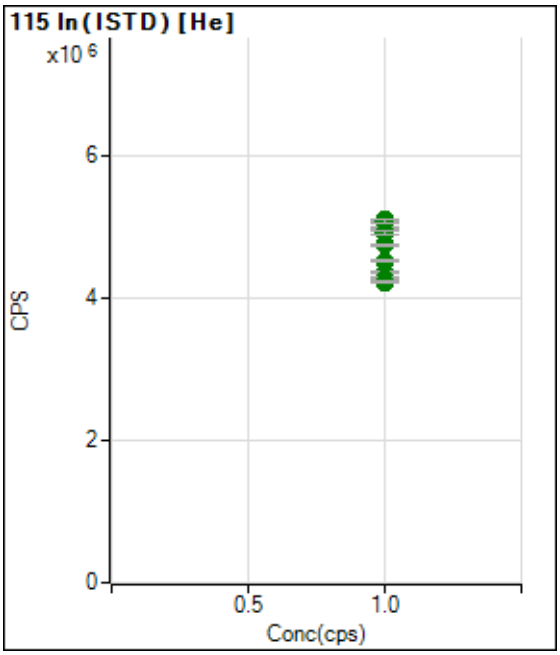
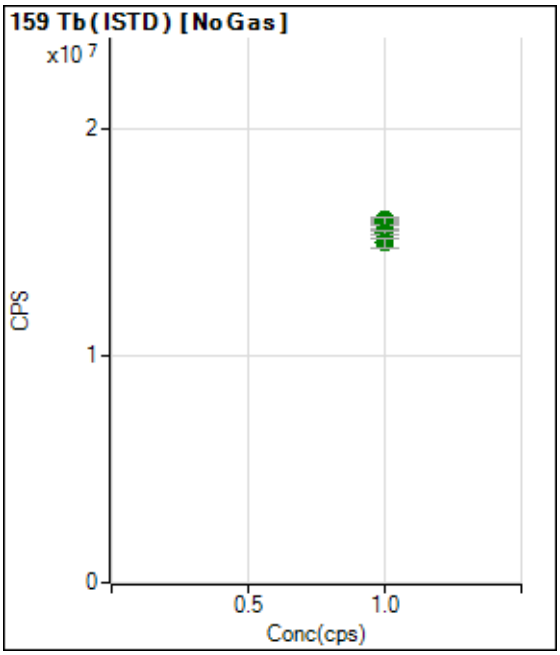
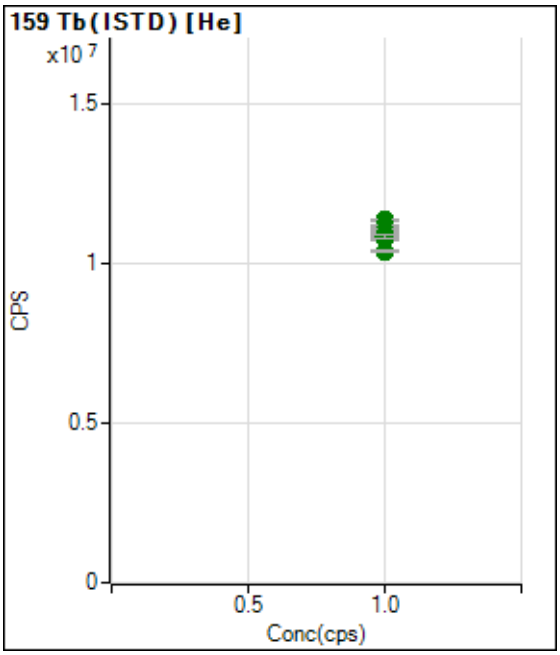



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4991854.58 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 5108322.07 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 5086472.18 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 4935463.34 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 4757380.33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

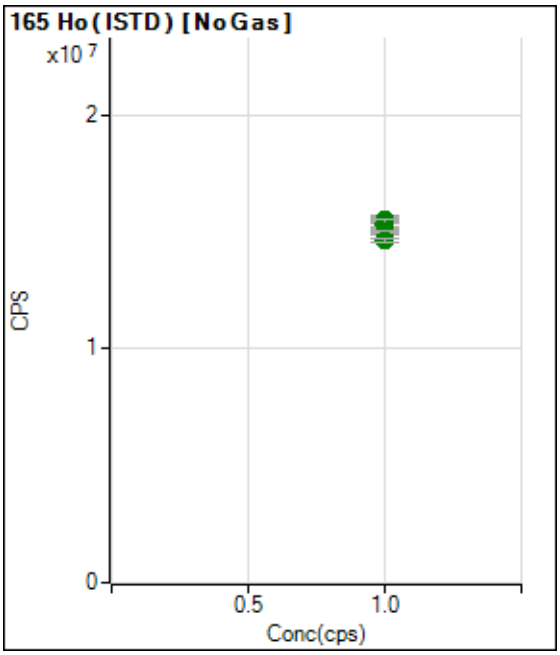



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 15557257.54 | | A | 0.5 |
| 2 | ☐ | 1.000 | | 15739112.96 | | A | 3.1 |
| 3 | ☐ | 1.000 | | 15901546.29 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 15956250.04 | | A | 1.4 |
| 5 | ☐ | 1.000 | | 15795988.37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

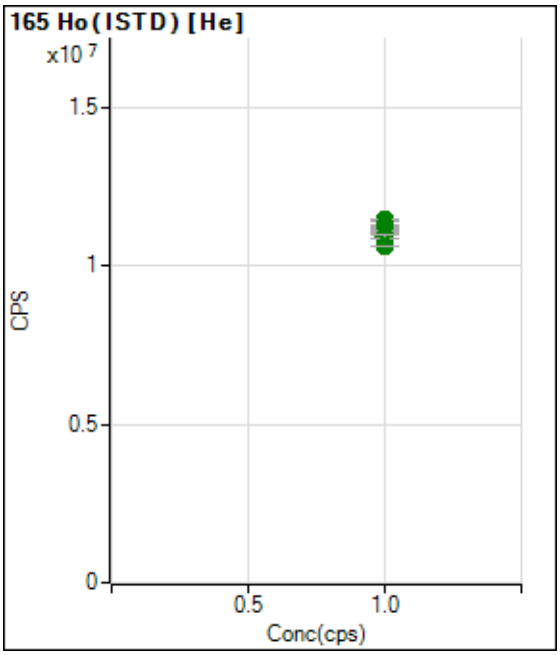



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11134491.64 | | A | 1.5 |
| 2 | ☐ | 1.000 | | 11348718.44 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 11355734.83 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 11168428.03 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 11034654.42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

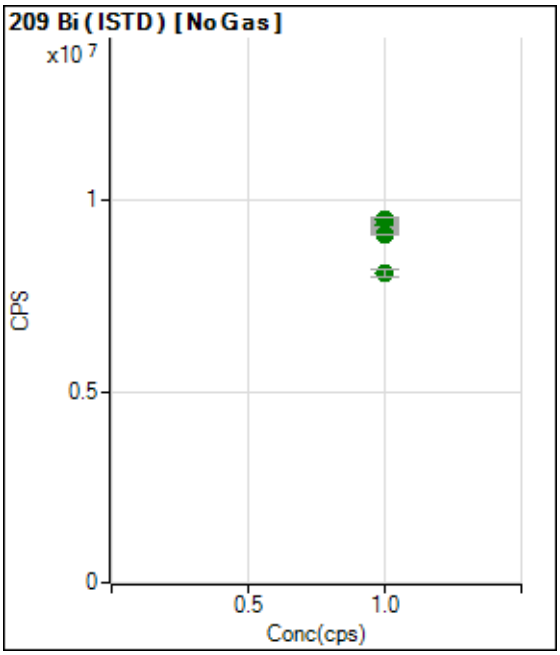



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 15049907.55 | | A | 1.2 |
| 2 | ☐ | 1.000 | | 15433620.60 | | A | 3.8 |
| 3 | ☐ | 1.000 | | 15520439.63 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 15462475.60 | | A | 0.2 |
| 5 | ☐ | 1.000 | | 15303541.02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

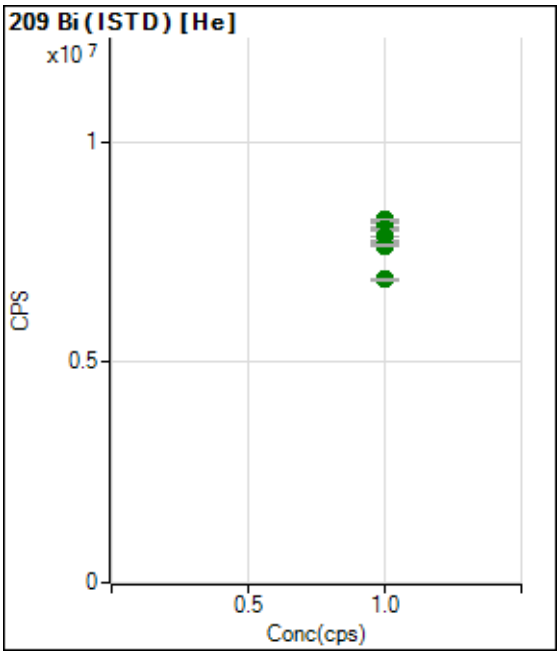



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11301950.39 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 11454861.22 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 11454848.58 | | A | 0.4 |
| 4 | ☐ | 1.000 | | 11288924.28 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 11200243.03 | | 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
Inst Id :P7




| | 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 | |

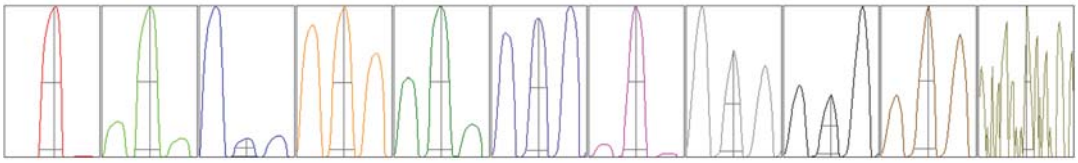
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 7587 | 7490 | 7581 | 7617 | 7628 |
| 24 | 229970 | 229225 | 232129 | 231138 | 235634 |
| 25 | 26895 | 26696 | 26967 | 27138 | 27414 |
| 26 | 30120 | 29899 | 30274 | 30382 | 30455 |
| 59 | 84592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

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7
ClientSampleId :TUNE002

# US EPA Tune Check Report

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

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

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Inst Id :P7

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

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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 | 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 |

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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 | 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 |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | 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 |

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

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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 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:49:33 | DataFile Name : | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.90 | 0.95 | 0.93 | 0.93 | 2.72 | ppb |
| Vanadium | 51-2 | 5.41 | 5.47 | 5.43 | 5.44 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 5.22 | 5.50 | 5.29 | 5.34 | 2.75 | ppb |
| Zirconium | 90-1 | 1.00 | 1.02 | 1.00 | 1.01 | 1.41 | ppb |
| Zirconium | 91-1 | 0.96 | 1.07 | 1.03 | 1.02 | 5.51 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 989.98 | 990.42 | 988.12 | 989.51 | 0.12 | ppb |
| Antimony | 121-1 | 53.39 | 52.48 | 53.85 | 53.24 | 1.31 | ppb |
| Arsenic | 75-2 | 55.44 | 54.46 | 55.31 | 55.07 | 0.97 | ppb |
| Barium | 135-1 | 258.91 | 258.11 | 265.02 | 260.68 | 1.45 | ppb |
| Barium | 137-1 | 262.12 | 262.17 | 269.53 | 264.61 | 1.61 | ppb |
| Beryllium | 9-1 | 53.59 | 53.52 | 54.37 | 53.83 | 0.88 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 57.63 | 56.47 | 58.45 | 57.52 | 1.73 | ppb |
| Cadmium | 106-1 | 59.88 | 58.57 | 59.01 | 59.15 | 1.13 | ppb |
| Cadmium | 111-1 | 55.21 | 55.28 | 56.51 | 55.67 | 1.31 | ppb |
| Calcium | 43-1 | 5432.41 | 5415.55 | 5612.40 | 5486.79 | 1.99 | ppb |
| Calcium | 44-1 | 5290.03 | 5267.50 | 5391.66 | 5316.40 | 1.24 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 51.70 | 51.99 | 51.76 | 51.82 | 0.30 | ppb |
| Cobalt | 59-2 | 51.96 | 52.18 | 52.00 | 52.05 | 0.23 | ppb |
| Copper | 63-2 | 551.93 | 548.22 | 542.19 | 547.45 | 0.90 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 2749.16 | 2724.96 | 2741.56 | 2738.56 | 0.45 | ppb |
| Iron | 57-2 | 2750.75 | 2764.99 | 2765.96 | 2760.57 | 0.31 | ppb |
| Iron | 54-2 | 2789.36 | 2805.58 | 2805.55 | 2800.16 | 0.33 | ppb |
| Krypton | 83-1 | | | | | | cps |

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | 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

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

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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 |

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | 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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|---|---|---|---|
| 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S07 | Instrumnet Name : | P7 |
| Client Sample ID : | S07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:04:29 | DataFile Name : | 011CALS.d |

| Parameter | Mass | 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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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 |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:07:16 | DataFile Name : | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICV002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 209.57 | 209.36 | 212.59 | 210.51 | 0.86 | ppb |
| Lead | 207-1 | 183.02 | 189.90 | 190.26 | 187.73 | 2.17 | ppb |
| Lead | 208-1 | 198.44 | 202.68 | 203.40 | 201.51 | 1.33 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 1188.13 | 1197.38 | 1182.89 | 1189.46 | 0.62 | ppb |
| Manganese | 55-2 | 102.00 | 102.41 | 102.57 | 102.32 | 0.29 | ppb |
| Molybdenum | 94-1 | 4047.36 | 3963.20 | 3996.50 | 4002.35 | 1.06 | ppb |
| Molybdenum | 95-1 | 4891.81 | 4839.15 | 4849.27 | 4860.08 | 0.57 | ppb |
| Molybdenum | 96-1 | 4794.83 | 4744.80 | 4799.51 | 4779.71 | 0.63 | ppb |
| Molybdenum | 97-1 | 4851.09 | 4839.40 | 4844.60 | 4845.03 | 0.12 | ppb |
| Molybdenum | 98-1 | 4803.82 | 4782.71 | 4838.06 | 4808.19 | 0.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 107.72 | 108.12 | 107.71 | 107.85 | 0.22 | ppb |
| Phosphorus | 31-2 | -15.63 | -19.00 | -15.78 | -16.80 | | ppb |
| Potassium | 39-2 | 2052.65 | 2063.76 | 2049.27 | 2055.23 | 0.37 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 215.66 | 213.68 | 218.09 | 215.81 | 1.02 | ppb |
| Selenium | 77-2 | 220.85 | 230.62 | 223.55 | 225.01 | 2.24 | ppb |
| Selenium | 78-2 | 219.22 | 220.76 | 218.81 | 219.60 | 0.47 | ppb |
| Silicon | 28-1 | -3.05 | -3.63 | -3.36 | -3.35 | | ppb |
| Silver | 107-1 | 51.10 | 52.60 | 51.97 | 51.89 | 1.45 | ppb |
| Silver | 109-1 | 51.23 | 52.53 | 52.36 | 52.04 | 1.35 | ppb |
| Sodium | 23-2 | 2095.35 | 2060.58 | 2043.57 | 2066.50 | 1.28 | ppb |
| Strontium | 86-1 | 5.92 | 6.60 | 6.35 | 6.29 | 5.47 | ppb |
| Strontium | 88-1 | 6.44 | 6.36 | 6.30 | 6.37 | 1.04 | ppb |
| Sulfur | 34-1 | -32.63 | -187.17 | -166.04 | -128.61 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 203.38 | 205.46 | 208.01 | 205.62 | 1.13 | ppb |
| Thallium | 205-1 | 202.92 | 207.95 | 207.65 | 206.17 | 1.37 | ppb |
| Tin | 118-1 | 0.01 | 0.01 | 0.01 | 0.01 | 10.51 | ppb |
| Titanium | 47-1 | 0.23 | 0.24 | 0.21 | 0.23 | 6.72 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICV002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 16.57 | ppb |
| Vanadium | 51-2 | 101.97 | 101.48 | 100.92 | 101.46 | 0.52 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 208.73 | 211.17 | 208.85 | 209.58 | 0.66 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.97 | ppb |
| Zirconium | 91-1 | 0.08 | 0.10 | 0.07 | 0.08 | 16.75 | ppb |

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

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

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

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

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 | 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 |

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 | 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 49940.19 | 49715.15 | 49657.57 | 49770.97 | 0.30 | ppb |
| Antimony | 121-1 | 495.93 | 495.88 | 500.09 | 497.30 | 0.49 | ppb |
| Arsenic | 75-2 | 490.22 | 493.13 | 498.74 | 494.03 | 0.88 | ppb |
| Barium | 135-1 | 2533.29 | 2495.62 | 2561.86 | 2530.26 | 1.31 | ppb |
| Barium | 137-1 | 2500.60 | 2540.42 | 2540.02 | 2527.01 | 0.91 | ppb |
| Beryllium | 9-1 | 491.85 | 495.30 | 496.13 | 494.43 | 0.46 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 485.34 | 490.47 | 498.38 | 491.40 | 1.34 | ppb |
| Cadmium | 106-1 | 491.60 | 492.80 | 494.95 | 493.12 | 0.34 | ppb |
| Cadmium | 111-1 | 471.01 | 479.69 | 476.92 | 475.87 | 0.93 | ppb |
| Calcium | 43-1 | 256734.75 | 253350.98 | 257367.91 | 255817.88 | 0.84 | ppb |
| Calcium | 44-1 | 256600.62 | 257508.24 | 258600.59 | 257569.82 | 0.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 497.89 | 493.00 | 499.15 | 496.68 | 0.65 | ppb |
| Cobalt | 59-2 | 488.41 | 488.40 | 487.91 | 488.24 | 0.06 | ppb |
| Copper | 63-2 | 4798.25 | 4753.36 | 4777.77 | 4776.46 | 0.47 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 88 | | % |
| Iron | 56-2 | 126995.38 | 127102.01 | 127336.91 | 127144.77 | 0.14 | ppb |
| Iron | 57-2 | 127948.94 | 125784.69 | 128219.00 | 127317.54 | 1.05 | ppb |
| Iron | 54-2 | 127931.10 | 127364.71 | 127849.26 | 127715.02 | 0.24 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2561.83 | 2551.53 | 2609.35 | 2574.24 | 1.20 | ppb |
| Lead | 207-1 | 2562.51 | 2551.06 | 2597.12 | 2570.23 | 0.93 | ppb |
| Lead | 208-1 | 2551.68 | 2551.35 | 2597.76 | 2566.93 | 1.04 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 253468.80 | 251296.18 | 252192.66 | 252319.22 | 0.43 | ppb |
| Manganese | 55-2 | 4965.30 | 4941.33 | 4952.20 | 4952.95 | 0.24 | ppb |
| Molybdenum | 94-1 | 5002.95 | 5123.47 | 5046.46 | 5057.63 | 1.21 | ppb |
| Molybdenum | 95-1 | 5041.22 | 5082.51 | 5035.55 | 5053.10 | 0.51 | ppb |
| Molybdenum | 96-1 | 5039.02 | 5062.07 | 5082.74 | 5061.28 | 0.43 | ppb |
| Molybdenum | 97-1 | 5063.36 | 5104.29 | 5053.38 | 5073.67 | 0.53 | ppb |
| Molybdenum | 98-1 | 5052.27 | 5075.09 | 5030.54 | 5052.64 | 0.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 469.50 | 464.76 | 467.44 | 467.23 | 0.51 | ppb |
| Phosphorus | 31-2 | 10144.01 | 9954.45 | 9970.76 | 10023.07 | 1.05 | ppb |
| Potassium | 39-2 | 125543.18 | 125278.78 | 125066.15 | 125296.04 | 0.19 | ppb |
| Rhodium | 103-1 | | | | 87 | | % |
| Rhodium | 103-2 | | | | 86 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 477.18 | 485.61 | 482.48 | 481.76 | 0.88 | ppb |
| Selenium | 77-2 | 475.11 | 499.04 | 478.86 | 484.34 | 2.66 | ppb |
| Selenium | 78-2 | 484.99 | 485.03 | 471.13 | 480.38 | 1.67 | ppb |
| Silicon | 28-1 | 250.49 | 249.88 | 253.61 | 251.33 | 0.80 | ppb |
| Silver | 107-1 | 483.24 | 484.20 | 490.06 | 485.83 | 0.76 | ppb |
| Silver | 109-1 | 490.72 | 485.59 | 495.59 | 490.63 | 1.02 | ppb |
| Sodium | 23-2 | 249921.38 | 251072.30 | 250852.47 | 250615.39 | 0.24 | ppb |
| Strontium | 86-1 | 12668.98 | 12779.74 | 12603.73 | 12684.15 | 0.70 | ppb |
| Strontium | 88-1 | 12493.27 | 12761.99 | 12663.77 | 12639.68 | 1.08 | ppb |
| Sulfur | 34-1 | 9715.87 | 9745.44 | 9836.34 | 9765.88 | 0.64 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 512.52 | 522.19 | 525.88 | 520.19 | 1.33 | ppb |
| Thallium | 205-1 | 513.13 | 517.24 | 523.64 | 518.00 | 1.02 | ppb |
| Tin | 118-1 | 499.78 | 501.75 | 506.86 | 502.80 | 0.73 | ppb |
| Titanium | 47-1 | 4983.13 | 4989.57 | 5015.13 | 4995.94 | 0.34 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 513.75 | 523.58 | 533.51 | 523.61 | 1.89 | ppb |
| Vanadium | 51-2 | 514.69 | 507.40 | 507.62 | 509.91 | 0.81 | ppb |
| Yttrium | 89-1 | | | | 95 | | % |
| Yttrium | 89-2 | | | | 91 | | % |
| Zinc | 66-2 | 4747.74 | 4708.08 | 4726.99 | 4727.61 | 0.42 | ppb |
| Zirconium | 90-1 | 501.10 | 509.13 | 508.56 | 506.26 | 0.89 | ppb |
| Zirconium | 91-1 | 502.52 | 516.26 | 506.11 | 508.30 | 1.40 | ppb |

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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
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:51:19 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.20 | 0.23 | 0.24 | 0.22 | 8.92 | ppb |
| Lead | 207-1 | 0.19 | 0.21 | 0.23 | 0.21 | 9.26 | ppb |
| Lead | 208-1 | 0.20 | 0.21 | 0.23 | 0.21 | 8.10 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 12.32 | 11.19 | 10.08 | 11.19 | 9.98 | ppb |
| Manganese | 55-2 | 0.30 | 0.29 | 0.25 | 0.28 | 9.55 | ppb |
| Molybdenum | 94-1 | 0.49 | 0.50 | 0.55 | 0.51 | 6.42 | ppb |
| Molybdenum | 95-1 | 0.45 | 0.45 | 0.46 | 0.45 | 2.02 | ppb |
| Molybdenum | 96-1 | 0.45 | 0.47 | 0.51 | 0.48 | 6.66 | ppb |
| Molybdenum | 97-1 | 0.46 | 0.46 | 0.49 | 0.47 | 2.99 | ppb |
| Molybdenum | 98-1 | 0.42 | 0.46 | 0.49 | 0.46 | 7.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.02 | 0.01 | -0.01 | 0.01 | 261.68 | ppb |
| Phosphorus | 31-2 | -14.51 | -12.82 | -14.72 | -14.02 | | ppb |
| Potassium | 39-2 | 6.76 | 9.21 | 6.89 | 7.62 | 18.15 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 88 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 0.29 | 0.01 | -0.19 | 0.04 | 633.38 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.96 | -0.40 | -0.26 | -0.54 | | ppb |
| Silicon | 28-1 | -2.71 | -3.27 | 0.09 | -1.96 | | ppb |
| Silver | 107-1 | 0.07 | 0.07 | 0.08 | 0.07 | 6.23 | ppb |
| Silver | 109-1 | 0.08 | 0.07 | 0.07 | 0.08 | 8.77 | ppb |
| Sodium | 23-2 | 58.31 | 54.82 | 52.94 | 55.36 | 4.92 | ppb |
| Strontium | 86-1 | 0.63 | 0.89 | 1.16 | 0.90 | 29.65 | ppb |
| Strontium | 88-1 | 0.75 | 0.81 | 0.92 | 0.83 | 10.50 | ppb |
| Sulfur | 34-1 | -330.02 | -357.78 | 412.03 | -91.92 | | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.10 | 0.09 | 0.10 | 0.10 | 3.03 | ppb |
| Thallium | 205-1 | 0.10 | 0.10 | 0.11 | 0.10 | 7.30 | ppb |
| Tin | 118-1 | 0.07 | 0.07 | 0.09 | 0.08 | 17.39 | ppb |
| Titanium | 47-1 | 0.37 | 0.56 | 0.46 | 0.46 | 21.19 | ppb |

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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 |

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

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.41 | 0.46 | 0.42 | 0.43 | 5.53 | ppb |
| Lead | 207-1 | 0.40 | 0.37 | 0.42 | 0.40 | 6.76 | ppb |
| Lead | 208-1 | 0.41 | 0.42 | 0.42 | 0.42 | 1.36 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 20731.90 | 20431.91 | 20414.00 | 20525.94 | 0.87 | ppb |
| Manganese | 55-2 | 1640.96 | 1648.68 | 1645.36 | 1645.00 | 0.24 | ppb |
| Molybdenum | 94-1 | 0.75 | 0.79 | 0.71 | 0.75 | 5.18 | ppb |
| Molybdenum | 95-1 | 0.05 | 0.04 | 0.04 | 0.04 | 11.88 | ppb |
| Molybdenum | 96-1 | 0.83 | 0.82 | 0.87 | 0.84 | 3.11 | ppb |
| Molybdenum | 97-1 | 0.06 | 0.06 | 0.06 | 0.06 | 5.15 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.03 | 0.02 | 11.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 13.54 | 13.85 | 13.56 | 13.65 | 1.27 | ppb |
| Phosphorus | 31-2 | 307.67 | 323.67 | 299.23 | 310.19 | 4.00 | ppb |
| Potassium | 39-2 | 360.82 | 360.03 | 357.01 | 359.29 | 0.56 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.55 | 0.65 | 0.46 | 0.55 | 17.73 | ppb |
| Selenium | 77-2 | 9.64 | 8.98 | 6.96 | 8.53 | 16.41 | ppb |
| Selenium | 78-2 | 0.94 | 0.42 | 0.73 | 0.69 | 37.79 | ppb |
| Silicon | 28-1 | 2569.66 | 2666.14 | 2605.60 | 2613.80 | 1.87 | ppb |
| Silver | 107-1 | 0.02 | 0.02 | 0.02 | 0.02 | 12.11 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.02 | 0.01 | 12.95 | ppb |
| Sodium | 23-2 | 6394.11 | 6393.80 | 6437.87 | 6408.59 | 0.40 | ppb |
| Strontium | 86-1 | 2409.22 | 2452.58 | 2387.32 | 2416.37 | 1.37 | ppb |
| Strontium | 88-1 | 2481.01 | 2505.22 | 2460.02 | 2482.08 | 0.91 | ppb |
| Sulfur | 34-1 | 129702.86 | 134409.73 | 130208.27 | 131440.28 | 1.97 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.04 | 0.04 | 0.02 | 0.03 | 21.25 | ppb |
| Thallium | 205-1 | 0.03 | 0.04 | 0.04 | 0.04 | 7.82 | ppb |
| Tin | 118-1 | 0.12 | 0.13 | 0.10 | 0.12 | 11.80 | ppb |
| Titanium | 47-1 | 1.92 | 2.19 | 1.97 | 2.03 | 7.27 | ppb |

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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | 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 |

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 | 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 |

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 | 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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:10:37 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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

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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12451.34 | 12314.32 | 12352.80 | 12372.82 | 0.57 | ppb |
| Antimony | 121-1 | 58.63 | 60.15 | 62.13 | 60.30 | 2.91 | ppb |
| Arsenic | 75-2 | 59.46 | 59.34 | 59.99 | 59.60 | 0.58 | ppb |
| Barium | 135-1 | 300.04 | 306.85 | 317.61 | 308.16 | 2.88 | ppb |
| Barium | 137-1 | 315.14 | 322.38 | 333.78 | 323.77 | 2.90 | ppb |
| Beryllium | 9-1 | 61.50 | 62.17 | 62.00 | 61.89 | 0.56 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 62.16 | 63.34 | 66.60 | 64.03 | 3.59 | ppb |
| Cadmium | 106-1 | 65.16 | 65.78 | 70.22 | 67.06 | 4.12 | ppb |
| Cadmium | 111-1 | 62.97 | 64.71 | 66.42 | 64.70 | 2.67 | ppb |
| Calcium | 43-1 | 44751.77 | 46031.06 | 46880.78 | 45887.87 | 2.34 | ppb |
| Calcium | 44-1 | 44617.05 | 46131.49 | 46517.09 | 45755.21 | 2.20 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 62.54 | 62.60 | 62.03 | 62.39 | 0.50 | ppb |
| Cobalt | 59-2 | 93.56 | 93.07 | 93.40 | 93.34 | 0.27 | ppb |
| Copper | 63-2 | 524.37 | 520.42 | 518.47 | 521.09 | 0.58 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 104309.02 | 103552.07 | 103318.87 | 103726.66 | 0.50 | ppb |
| Iron | 57-2 | 104017.72 | 101645.67 | 103355.83 | 103006.41 | 1.19 | ppb |
| Iron | 54-2 | 104893.09 | 103695.74 | 103755.23 | 104114.69 | 0.65 | ppb |
| Krypton | 83-1 | | | | | | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | 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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11086.85 | 11803.16 | 11609.96 | 11499.99 | 3.22 | ppb |
| Antimony | 121-1 | 0.06 | 0.06 | 0.06 | 0.06 | 8.21 | ppb |
| Arsenic | 75-2 | 0.69 | 0.69 | 0.69 | 0.69 | 0.09 | ppb |
| Barium | 135-1 | 19.32 | 20.11 | 19.58 | 19.67 | 2.03 | ppb |
| Barium | 137-1 | 19.47 | 20.35 | 19.79 | 19.87 | 2.23 | ppb |
| Beryllium | 9-1 | 0.46 | 0.31 | 0.37 | 0.38 | 20.18 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.11 | 0.16 | 0.09 | 0.12 | 31.28 | ppb |
| Cadmium | 106-1 | 1.39 | 0.91 | 1.73 | 1.34 | 30.82 | ppb |
| Cadmium | 111-1 | 0.13 | 0.15 | 0.14 | 0.14 | 6.50 | ppb |
| Calcium | 43-1 | 39201.12 | 40633.84 | 39925.59 | 39920.18 | 1.79 | ppb |
| Calcium | 44-1 | 39001.50 | 40438.78 | 40086.34 | 39842.21 | 1.88 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.73 | 2.86 | 2.86 | 2.81 | 2.65 | ppb |
| Cobalt | 59-2 | 34.57 | 36.50 | 35.14 | 35.41 | 2.80 | ppb |
| Copper | 63-2 | 7.02 | 7.24 | 7.07 | 7.11 | 1.57 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 105338.35 | 109739.69 | 106768.74 | 107282.26 | 2.09 | ppb |
| Iron | 57-2 | 104581.04 | 108752.86 | 106242.28 | 106525.40 | 1.97 | ppb |
| Iron | 54-2 | 104967.14 | 111311.40 | 106845.09 | 107707.88 | 3.03 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.35 | 0.35 | 0.34 | 0.35 | 2.06 | ppb |
| Lead | 207-1 | 0.31 | 0.31 | 0.32 | 0.32 | 1.66 | ppb |
| Lead | 208-1 | 0.35 | 0.34 | 0.33 | 0.34 | 2.50 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 16923.52 | 17672.07 | 17371.87 | 17322.49 | 2.17 | ppb |
| Manganese | 55-2 | 1565.67 | 1639.37 | 1596.08 | 1600.37 | 2.31 | ppb |
| Molybdenum | 94-1 | 1.10 | 1.07 | 1.07 | 1.08 | 1.19 | ppb |
| Molybdenum | 95-1 | 0.11 | 0.09 | 0.06 | 0.09 | 25.37 | ppb |
| Molybdenum | 96-1 | 0.87 | 0.90 | 0.86 | 0.88 | 2.71 | ppb |
| Molybdenum | 97-1 | 0.10 | 0.09 | 0.08 | 0.09 | 8.83 | ppb |
| Molybdenum | 98-1 | 0.08 | 0.07 | 0.05 | 0.07 | 29.54 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.40 | 8.53 | 8.54 | 8.49 | 0.89 | ppb |
| Phosphorus | 31-2 | 269.55 | 255.66 | 249.50 | 258.24 | 3.98 | ppb |
| Potassium | 39-2 | 371.30 | 395.63 | 382.49 | 383.14 | 3.18 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.21 | 0.45 | 0.22 | 0.29 | 47.02 | ppb |
| Selenium | 77-2 | 6.20 | 8.33 | 8.67 | 7.73 | 17.33 | ppb |
| Selenium | 78-2 | 1.03 | 1.24 | 1.06 | 1.11 | 10.20 | ppb |
| Silicon | 28-1 | 2686.65 | 2767.41 | 2732.01 | 2728.69 | 1.48 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 20.45 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.72 | ppb |
| Sodium | 23-2 | 5484.13 | 5820.58 | 5711.76 | 5672.16 | 3.03 | ppb |
| Strontium | 86-1 | 2322.17 | 2372.25 | 2345.24 | 2346.55 | 1.07 | ppb |
| Strontium | 88-1 | 2391.94 | 2445.23 | 2453.58 | 2430.25 | 1.38 | ppb |
| Sulfur | 34-1 | 115820.34 | 116926.44 | 117700.89 | 116815.89 | 0.81 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.03 | 0.03 | 0.02 | 0.03 | 26.31 | ppb |
| Thallium | 205-1 | 0.03 | 0.02 | 0.02 | 0.02 | 20.98 | ppb |
| Tin | 118-1 | 0.17 | 0.20 | 0.17 | 0.18 | 7.32 | ppb |
| Titanium | 47-1 | 2.08 | 2.14 | 2.15 | 2.12 | 1.88 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.20 | 1.23 | 1.25 | 1.23 | 1.87 | ppb |
| Vanadium | 51-2 | 110.31 | 115.90 | 112.23 | 112.81 | 2.51 | ppb |
| Yttrium | 89-1 | | | | 114 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 128.10 | 133.87 | 131.74 | 131.23 | 2.22 | ppb |
| Zirconium | 90-1 | 0.50 | 0.54 | 0.51 | 0.52 | 3.70 | ppb |
| Zirconium | 91-1 | 0.53 | 0.53 | 0.53 | 0.53 | 0.18 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10462.32 | 10466.85 | 10543.53 | 10490.90 | 0.44 | ppb |
| Antimony | 121-1 | 0.03 | 0.02 | 0.02 | 0.02 | 9.55 | ppb |
| Arsenic | 75-2 | 0.82 | 0.75 | 0.71 | 0.76 | 6.87 | ppb |
| Barium | 135-1 | 19.91 | 20.49 | 20.01 | 20.14 | 1.54 | ppb |
| Barium | 137-1 | 20.33 | 20.76 | 20.34 | 20.48 | 1.20 | ppb |
| Beryllium | 9-1 | 0.28 | 0.33 | 0.35 | 0.32 | 11.14 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.03 | 0.10 | 0.00 | 0.05 | 118.25 | ppb |
| Cadmium | 106-1 | 1.37 | 0.93 | 1.02 | 1.11 | 20.99 | ppb |
| Cadmium | 111-1 | 0.15 | 0.13 | 0.14 | 0.14 | 4.87 | ppb |
| Calcium | 43-1 | 49102.17 | 49315.58 | 50513.64 | 49643.80 | 1.53 | ppb |
| Calcium | 44-1 | 48310.16 | 49262.78 | 49693.01 | 49088.65 | 1.44 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.50 | 2.46 | 2.44 | 2.47 | 1.20 | ppb |
| Cobalt | 59-2 | 32.66 | 33.00 | 32.96 | 32.88 | 0.56 | ppb |
| Copper | 63-2 | 5.55 | 5.57 | 5.51 | 5.54 | 0.57 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 104308.13 | 106557.62 | 105633.93 | 105499.89 | 1.07 | ppb |
| Iron | 57-2 | 103411.89 | 104505.72 | 104092.48 | 104003.36 | 0.53 | ppb |
| Iron | 54-2 | 104621.65 | 105977.96 | 105971.98 | 105523.86 | 0.74 | ppb |
| Krypton | 83-1 | | | | | | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.24 | 0.24 | 0.26 | 0.25 | 4.41 | ppb |
| Lead | 207-1 | 0.22 | 0.23 | 0.23 | 0.23 | 3.34 | ppb |
| Lead | 208-1 | 0.24 | 0.24 | 0.24 | 0.24 | 1.16 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 17554.67 | 17788.68 | 17699.75 | 17681.04 | 0.67 | ppb |
| Manganese | 55-2 | 1824.40 | 1838.24 | 1846.34 | 1836.33 | 0.60 | ppb |
| Molybdenum | 94-1 | 0.83 | 0.80 | 0.76 | 0.80 | 4.44 | ppb |
| Molybdenum | 95-1 | 0.04 | 0.04 | 0.02 | 0.03 | 32.21 | ppb |
| Molybdenum | 96-1 | 0.83 | 0.82 | 0.80 | 0.82 | 1.62 | ppb |
| Molybdenum | 97-1 | 0.05 | 0.04 | 0.05 | 0.05 | 16.13 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.01 | 0.01 | 0.02 | 36.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.04 | 8.13 | 8.19 | 8.12 | 0.97 | ppb |
| Phosphorus | 31-2 | 183.58 | 182.62 | 196.08 | 187.42 | 4.01 | ppb |
| Potassium | 39-2 | 361.81 | 369.94 | 369.64 | 367.13 | 1.26 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.11 | 0.36 | 0.39 | 0.29 | 53.23 | ppb |
| Selenium | 77-2 | 6.35 | 6.40 | 6.99 | 6.58 | 5.40 | ppb |
| Selenium | 78-2 | 1.39 | 1.71 | 0.48 | 1.19 | 53.33 | ppb |
| Silicon | 28-1 | 2494.07 | 2532.47 | 2498.89 | 2508.47 | 0.83 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 22.06 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.75 | ppb |
| Sodium | 23-2 | 5016.93 | 5109.06 | 5023.27 | 5049.75 | 1.02 | ppb |
| Strontium | 86-1 | 2659.61 | 2698.07 | 2677.72 | 2678.47 | 0.72 | ppb |
| Strontium | 88-1 | 2693.73 | 2783.20 | 2773.36 | 2750.10 | 1.78 | ppb |
| Sulfur | 34-1 | 121109.40 | 123345.48 | 124154.40 | 122869.76 | 1.28 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.01 | 0.01 | 0.01 | 0.01 | 22.40 | ppb |
| Thallium | 205-1 | 0.02 | 0.01 | 0.01 | 0.01 | 13.43 | ppb |
| Tin | 118-1 | 0.14 | 0.14 | 0.14 | 0.14 | 2.33 | ppb |
| Titanium | 47-1 | 1.71 | 1.67 | 1.82 | 1.73 | 4.36 | ppb |

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Inst Id :P7

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

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 | 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 |

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 | 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
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 | 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

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

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 | 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 |

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 | 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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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 | 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 |

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 | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.90 | 1.90 | 1.89 | 1.90 | 0.22 | ppb |
| Lead | 207-1 | 1.87 | 1.90 | 1.95 | 1.90 | 2.06 | ppb |
| Lead | 208-1 | 1.88 | 1.91 | 1.93 | 1.91 | 1.13 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 947.80 | 943.47 | 943.12 | 944.80 | 0.28 | ppb |
| Manganese | 55-2 | 2.11 | 2.11 | 2.14 | 2.12 | 0.86 | ppb |
| Molybdenum | 94-1 | 11.28 | 11.54 | 11.65 | 11.49 | 1.65 | ppb |
| Molybdenum | 95-1 | 9.46 | 9.60 | 9.65 | 9.57 | 1.06 | ppb |
| Molybdenum | 96-1 | 9.76 | 9.77 | 9.88 | 9.80 | 0.65 | ppb |
| Molybdenum | 97-1 | 9.57 | 9.91 | 9.85 | 9.78 | 1.86 | ppb |
| Molybdenum | 98-1 | 9.62 | 9.79 | 9.76 | 9.72 | 0.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.07 | 1.92 | 1.94 | 1.98 | 4.24 | ppb |
| Phosphorus | 31-2 | 30.92 | 38.24 | 31.47 | 33.54 | 12.16 | ppb |
| Potassium | 39-2 | 1014.86 | 1007.58 | 1009.03 | 1010.49 | 0.38 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 9.63 | 10.71 | 10.81 | 10.38 | 6.30 | ppb |
| Selenium | 77-2 | 12.24 | 12.33 | 14.71 | 13.09 | 10.69 | ppb |
| Selenium | 78-2 | 10.84 | 9.26 | 10.51 | 10.20 | 8.15 | ppb |
| Silicon | 28-1 | 0.90 | 1.25 | 1.46 | 1.20 | 23.69 | ppb |
| Silver | 107-1 | 1.96 | 2.03 | 2.06 | 2.02 | 2.36 | ppb |
| Silver | 109-1 | 1.95 | 2.02 | 2.02 | 2.00 | 2.17 | ppb |
| Sodium | 23-2 | 940.02 | 927.68 | 928.77 | 932.16 | 0.73 | ppb |
| Strontium | 86-1 | 48.03 | 47.78 | 47.71 | 47.84 | 0.35 | ppb |
| Strontium | 88-1 | 47.96 | 49.38 | 49.78 | 49.04 | 1.96 | ppb |
| Sulfur | 34-1 | -259.39 | -187.26 | -163.93 | -203.53 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 1.85 | 1.89 | 1.92 | 1.89 | 1.75 | ppb |
| Thallium | 205-1 | 1.88 | 1.88 | 1.92 | 1.89 | 1.29 | ppb |
| Tin | 118-1 | 9.95 | 10.21 | 10.15 | 10.10 | 1.37 | ppb |
| Titanium | 47-1 | 2.33 | 2.28 | 2.37 | 2.33 | 2.07 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.73 | 1.77 | 1.77 | 1.76 | 1.52 | ppb |
| Vanadium | 51-2 | 9.85 | 9.90 | 9.95 | 9.90 | 0.55 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 10.41 | 10.66 | 10.78 | 10.62 | 1.77 | ppb |
| Zirconium | 90-1 | 1.90 | 1.91 | 1.99 | 1.93 | 2.60 | ppb |
| Zirconium | 91-1 | 1.95 | 1.94 | 1.99 | 1.96 | 1.41 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6104.37 | 6084.33 | 6057.11 | 6081.93 | 0.39 | ppb |
| Antimony | 121-1 | 4.01 | 4.29 | 4.31 | 4.20 | 3.98 | ppb |
| Arsenic | 75-2 | 78.17 | 80.11 | 78.66 | 78.98 | 1.28 | ppb |
| Barium | 135-1 | 21.83 | 23.54 | 23.29 | 22.89 | 4.04 | ppb |
| Barium | 137-1 | 22.53 | 23.73 | 23.58 | 23.28 | 2.80 | ppb |
| Beryllium | 9-1 | 0.16 | 0.19 | 0.17 | 0.17 | 7.93 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.67 | 0.50 | 0.45 | 0.54 | 20.99 | ppb |
| Cadmium | 106-1 | 1.35 | 1.03 | 0.01 | 0.80 | 88.09 | ppb |
| Cadmium | 111-1 | 0.58 | 0.58 | 0.60 | 0.58 | 1.73 | ppb |
| Calcium | 43-1 | 4252.99 | 4616.48 | 4601.21 | 4490.23 | 4.58 | ppb |
| Calcium | 44-1 | 4155.43 | 4519.35 | 4562.96 | 4412.58 | 5.07 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 22.56 | 22.47 | 22.70 | 22.58 | 0.50 | ppb |
| Cobalt | 59-2 | 6.34 | 6.43 | 6.38 | 6.39 | 0.72 | ppb |
| Copper | 63-2 | 347.04 | 340.95 | 348.20 | 345.40 | 1.13 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 11860.05 | 11842.33 | 12047.95 | 11916.77 | 0.96 | ppb |
| Iron | 57-2 | 11822.46 | 11920.66 | 11857.17 | 11866.76 | 0.42 | ppb |
| Iron | 54-2 | 11898.57 | 12006.85 | 12017.72 | 11974.38 | 0.55 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 43.66 | 45.49 | 46.18 | 45.11 | 2.89 | ppb |
| Lead | 207-1 | 42.96 | 45.32 | 45.88 | 44.72 | 3.47 | ppb |
| Lead | 208-1 | 42.96 | 45.36 | 45.67 | 44.66 | 3.32 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 4207.99 | 4282.10 | 4261.77 | 4250.62 | 0.90 | ppb |
| Manganese | 55-2 | 113.52 | 115.43 | 115.20 | 114.71 | 0.91 | ppb |
| Molybdenum | 94-1 | 6.42 | 7.13 | 7.00 | 6.85 | 5.50 | ppb |
| Molybdenum | 95-1 | 2.33 | 2.52 | 2.50 | 2.45 | 4.24 | ppb |
| Molybdenum | 96-1 | 2.92 | 3.10 | 3.20 | 3.07 | 4.77 | ppb |
| Molybdenum | 97-1 | 2.38 | 2.59 | 2.57 | 2.51 | 4.52 | ppb |
| Molybdenum | 98-1 | 2.42 | 2.59 | 2.56 | 2.52 | 3.46 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.24 | 18.38 | 18.51 | 18.38 | 0.73 | ppb |
| Phosphorus | 31-2 | 834.10 | 859.81 | 865.37 | 853.09 | 1.96 | ppb |
| Potassium | 39-2 | 1179.87 | 1176.69 | 1194.27 | 1183.61 | 0.79 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.29 | 0.50 | 0.63 | 0.47 | 35.50 | ppb |
| Selenium | 77-2 | 3.13 | 3.46 | 2.73 | 3.11 | 11.77 | ppb |
| Selenium | 78-2 | 0.18 | 0.52 | 0.12 | 0.27 | 78.95 | ppb |
| Silicon | 28-1 | 442.16 | 481.66 | 485.97 | 469.93 | 5.14 | ppb |
| Silver | 107-1 | 0.77 | 0.74 | 0.74 | 0.75 | 2.41 | ppb |
| Silver | 109-1 | 0.76 | 0.74 | 0.72 | 0.74 | 2.73 | ppb |
| Sodium | 23-2 | 6719.86 | 6654.53 | 6744.23 | 6706.20 | 0.69 | ppb |
| Strontium | 86-1 | 767.38 | 828.65 | 842.74 | 812.92 | 4.93 | ppb |
| Strontium | 88-1 | 763.62 | 829.04 | 830.77 | 807.81 | 4.74 | ppb |
| Sulfur | 34-1 | 2672.64 | 3079.47 | 3026.00 | 2926.04 | 7.56 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.38 | 0.40 | 0.39 | 0.39 | 2.43 | ppb |
| Thallium | 205-1 | 0.37 | 0.38 | 0.38 | 0.38 | 1.91 | ppb |
| Tin | 118-1 | 2.86 | 2.99 | 3.06 | 2.97 | 3.45 | ppb |
| Titanium | 47-1 | 408.30 | 445.43 | 442.46 | 432.06 | 4.78 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.03 | 2.14 | 2.14 | 2.10 | 3.06 | ppb |
| Vanadium | 51-2 | 23.96 | 24.14 | 24.25 | 24.12 | 0.61 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 118.90 | 121.64 | 121.48 | 120.67 | 1.27 | ppb |
| Zirconium | 90-1 | 2.53 | 2.70 | 2.77 | 2.67 | 4.51 | ppb |
| Zirconium | 91-1 | 2.50 | 2.80 | 2.85 | 2.71 | 6.89 | ppb |

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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 |

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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 |

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Inst Id :P7

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

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

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

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

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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 | 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 |

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

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

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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 | 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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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 | 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 |

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 | 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 |

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 : | P5266-19 | 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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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 |
|---|---|---|---|---|---|---|---|
| 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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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 |

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Inst Id :P7

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:00:25 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11717.31 | 11692.67 | 11580.96 | 11663.65 | 0.62 | ppb |
| Antimony | 121-1 | 0.76 | 0.78 | 0.78 | 0.77 | 0.95 | ppb |
| Arsenic | 75-2 | 225.58 | 228.96 | 225.67 | 226.74 | 0.85 | ppb |
| Barium | 135-1 | 602.75 | 601.95 | 598.64 | 601.11 | 0.36 | ppb |
| Barium | 137-1 | 601.86 | 592.84 | 593.66 | 596.12 | 0.84 | ppb |
| Beryllium | 9-1 | 10.70 | 10.71 | 10.78 | 10.73 | 0.41 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 94.53 | 96.26 | 98.63 | 96.48 | 2.13 | ppb |
| Cadmium | 106-1 | 96.84 | 95.44 | 96.58 | 96.29 | 0.77 | ppb |
| Cadmium | 111-1 | 98.97 | 100.07 | 100.65 | 99.90 | 0.86 | ppb |
| Calcium | 43-1 | 71578.67 | 71736.76 | 72993.73 | 72103.05 | 1.08 | ppb |
| Calcium | 44-1 | 71163.14 | 71590.71 | 71356.98 | 71370.28 | 0.30 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 83.72 | 84.30 | 83.74 | 83.92 | 0.40 | ppb |
| Cobalt | 59-2 | 118.80 | 118.94 | 120.22 | 119.32 | 0.66 | ppb |
| Copper | 63-2 | 90.37 | 91.63 | 91.63 | 91.21 | 0.80 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 42518.09 | 42434.07 | 42421.09 | 42457.75 | 0.12 | ppb |
| Iron | 57-2 | 41987.59 | 42789.31 | 42239.18 | 42338.69 | 0.97 | ppb |
| Iron | 54-2 | 42997.84 | 42598.06 | 42386.47 | 42660.79 | 0.73 | ppb |
| Krypton | 83-1 | | | | | | cps |

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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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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 |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.08 | 1.08 | 1.10 | 1.09 | 0.57 | ppb |
| Vanadium | 51-2 | 137.89 | 138.49 | 137.91 | 138.10 | 0.24 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 304.19 | 301.77 | 304.64 | 303.53 | 0.51 | ppb |
| Zirconium | 90-1 | 3.21 | 3.30 | 3.27 | 3.26 | 1.51 | ppb |
| Zirconium | 91-1 | 3.33 | 3.38 | 3.31 | 3.34 | 1.06 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13151.06 | 12898.01 | 13056.52 | 13035.20 | 0.98 | ppb |
| Antimony | 121-1 | 0.63 | 0.63 | 0.64 | 0.63 | 0.74 | ppb |
| Arsenic | 75-2 | 15.64 | 15.47 | 15.22 | 15.44 | 1.37 | ppb |
| Barium | 135-1 | 150.90 | 153.57 | 151.66 | 152.04 | 0.90 | ppb |
| Barium | 137-1 | 153.20 | 153.82 | 154.24 | 153.75 | 0.34 | ppb |
| Beryllium | 9-1 | 1.06 | 1.03 | 1.09 | 1.06 | 2.83 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.25 | 1.07 | 1.34 | 1.22 | 11.11 | ppb |
| Cadmium | 106-1 | 1.62 | 1.59 | 0.69 | 1.30 | 40.41 | ppb |
| Cadmium | 111-1 | 0.91 | 0.99 | 0.95 | 0.95 | 4.36 | ppb |
| Calcium | 43-1 | 46156.77 | 46476.51 | 46843.25 | 46492.18 | 0.74 | ppb |
| Calcium | 44-1 | 46222.41 | 45923.76 | 46497.60 | 46214.59 | 0.62 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 86.36 | 85.68 | 86.52 | 86.19 | 0.52 | ppb |
| Cobalt | 59-2 | 17.78 | 17.58 | 17.93 | 17.77 | 1.00 | ppb |
| Copper | 63-2 | 39.64 | 39.41 | 39.84 | 39.63 | 0.55 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 69611.73 | 69324.47 | 68914.03 | 69283.41 | 0.51 | ppb |
| Iron | 57-2 | 69277.58 | 68148.23 | 69314.86 | 68913.56 | 0.96 | ppb |
| Iron | 54-2 | 69951.16 | 69337.33 | 69711.77 | 69666.75 | 0.44 | ppb |
| Krypton | 83-1 | | | | | | cps |

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 | 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 |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.23 | 1.24 | 1.23 | 1.24 | 0.36 | ppb |
| Vanadium | 51-2 | 58.89 | 58.06 | 58.85 | 58.60 | 0.80 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 247.50 | 246.70 | 249.60 | 247.93 | 0.61 | ppb |
| Zirconium | 90-1 | 1.79 | 1.82 | 1.80 | 1.80 | 0.92 | ppb |
| Zirconium | 91-1 | 1.81 | 1.86 | 1.86 | 1.85 | 1.61 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7826.24 | 7782.52 | 7721.64 | 7776.80 | 0.68 | ppb |
| Antimony | 121-1 | 8.62 | 9.44 | 9.62 | 9.22 | 5.77 | ppb |
| Arsenic | 75-2 | 18.32 | 17.66 | 17.73 | 17.90 | 2.02 | ppb |
| Barium | 135-1 | 161.00 | 178.08 | 178.60 | 172.56 | 5.80 | ppb |
| Barium | 137-1 | 164.34 | 179.85 | 179.67 | 174.62 | 5.10 | ppb |
| Beryllium | 9-1 | 1.20 | 1.16 | 1.17 | 1.17 | 1.82 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.08 | 6.76 | 7.11 | 6.65 | 7.83 | ppb |
| Cadmium | 106-1 | 7.08 | 7.12 | 7.15 | 7.12 | 0.52 | ppb |
| Cadmium | 111-1 | 5.03 | 5.42 | 5.44 | 5.30 | 4.31 | ppb |
| Calcium | 43-1 | 73566.13 | 83392.87 | 82298.07 | 79752.36 | 6.75 | ppb |
| Calcium | 44-1 | 73257.05 | 83169.05 | 82477.36 | 79634.49 | 6.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1197.12 | 1192.89 | 1193.71 | 1194.57 | 0.19 | ppb |
| Cobalt | 59-2 | 16.81 | 16.71 | 16.77 | 16.76 | 0.30 | ppb |
| Copper | 63-2 | 96.93 | 97.93 | 97.23 | 97.36 | 0.53 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 114 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 179651.37 | 180123.75 | 179886.82 | 179887.31 | 0.13 | ppb |
| Iron | 57-2 | 178409.07 | 180395.92 | 176881.69 | 178562.22 | 0.99 | ppb |
| Iron | 54-2 | 181382.60 | 180889.87 | 180383.14 | 180885.20 | 0.28 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.74 | 0.82 | 0.83 | 0.80 | 6.06 | ppb |
| Vanadium | 51-2 | 70.52 | 70.61 | 70.58 | 70.57 | 0.06 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 2216.96 | 2218.03 | 2267.80 | 2234.27 | 1.30 | ppb |
| Zirconium | 90-1 | 2.60 | 2.94 | 2.97 | 2.84 | 7.30 | ppb |
| Zirconium | 91-1 | 2.69 | 2.88 | 3.00 | 2.86 | 5.36 | ppb |

Reviewed By:Mohan
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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 |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 43325.03 | 44395.29 | 44421.90 | 44047.41 | 1.42 | ppb |
| Antimony | 121-1 | 359.09 | 380.21 | 376.37 | 371.89 | 3.02 | ppb |
| Arsenic | 75-2 | 1993.75 | 2022.12 | 1979.60 | 1998.49 | 1.08 | ppb |
| Barium | 135-1 | 903.37 | 961.95 | 951.66 | 938.99 | 3.33 | ppb |
| Barium | 137-1 | 904.32 | 963.18 | 953.24 | 940.24 | 3.35 | ppb |
| Beryllium | 9-1 | 1.19 | 1.07 | 1.05 | 1.10 | 6.68 | ppb |
| Bismuth | 209-1 | | | | 136 | | % |
| Bismuth | 209-2 | | | | 124 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 15.73 | 16.07 | 15.34 | 15.71 | 2.32 | ppb |
| Cadmium | 106-1 | 16.15 | 16.93 | 17.33 | 16.80 | 3.56 | ppb |
| Cadmium | 111-1 | 11.07 | 12.16 | 11.66 | 11.63 | 4.68 | ppb |
| Calcium | 43-1 | 30000.32 | 31350.93 | 30996.61 | 30782.62 | 2.27 | ppb |
| Calcium | 44-1 | 29508.46 | 31010.22 | 30740.71 | 30419.80 | 2.63 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 153.61 | 154.43 | 154.68 | 154.24 | 0.36 | ppb |
| Cobalt | 59-2 | 167.50 | 171.99 | 170.26 | 169.92 | 1.33 | ppb |
| Copper | 63-2 | 26266.48 | 26815.68 | 26839.26 | 26640.47 | 1.22 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 129 | | % |
| Holmium | 165-2 | | | | 118 | | % |
| Indium | 115-1 | | | | 130 | | % |
| Indium | 115-2 | | | | 117 | | % |
| Iron | 56-2 | 175227.19 | 177001.30 | 175934.97 | 176054.48 | 0.51 | ppb |
| Iron | 57-2 | 173507.69 | 175762.76 | 176480.63 | 175250.36 | 0.89 | ppb |
| Iron | 54-2 | 174360.88 | 176877.93 | 175726.05 | 175654.95 | 0.72 | ppb |
| Krypton | 83-1 | | | | | | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:09:51 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2279.88 | 2446.96 | 2431.51 | 2386.12 | 3.87 | ppb |
| Lead | 207-1 | 2255.25 | 2405.15 | 2394.90 | 2351.77 | 3.56 | ppb |
| Lead | 208-1 | 2268.05 | 2408.30 | 2398.79 | 2358.38 | 3.32 | ppb |
| Lithium | 6-1 | | | | 129 | | % |
| Magnesium | 24-2 | 27585.65 | 28128.64 | 28062.48 | 27925.59 | 1.06 | ppb |
| Manganese | 55-2 | 1497.50 | 1519.36 | 1500.78 | 1505.88 | 0.78 | ppb |
| Molybdenum | 94-1 | 73.23 | 77.11 | 76.63 | 75.66 | 2.80 | ppb |
| Molybdenum | 95-1 | 45.22 | 47.53 | 46.66 | 46.47 | 2.51 | ppb |
| Molybdenum | 96-1 | 48.99 | 51.78 | 51.41 | 50.73 | 2.99 | ppb |
| Molybdenum | 97-1 | 45.60 | 48.28 | 47.53 | 47.14 | 2.93 | ppb |
| Molybdenum | 98-1 | 45.47 | 47.93 | 47.07 | 46.82 | 2.67 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 135.76 | 138.41 | 137.74 | 137.30 | 1.01 | ppb |
| Phosphorus | 31-2 | 3860.94 | 3938.74 | 3902.54 | 3900.74 | 1.00 | ppb |
| Potassium | 39-2 | 9983.14 | 10236.61 | 10161.15 | 10126.96 | 1.29 | ppb |
| Rhodium | 103-1 | | | | 119 | | % |
| Rhodium | 103-2 | | | | 113 | | % |
| Scandium | 45-1 | | | | 123 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 10.27 | 10.96 | 11.34 | 10.86 | 5.00 | ppb |
| Selenium | 77-2 | 22.72 | 24.48 | 23.82 | 23.68 | 3.75 | ppb |
| Selenium | 78-2 | 10.97 | 10.37 | 11.14 | 10.83 | 3.76 | ppb |
| Silicon | 28-1 | 5071.94 | 5331.48 | 5328.73 | 5244.05 | 2.84 | ppb |
| Silver | 107-1 | 45.93 | 48.01 | 47.45 | 47.13 | 2.29 | ppb |
| Silver | 109-1 | 45.57 | 47.80 | 47.27 | 46.88 | 2.48 | ppb |
| Sodium | 23-2 | 64549.81 | 66081.85 | 65320.75 | 65317.47 | 1.17 | ppb |
| Strontium | 86-1 | 7622.60 | 7995.36 | 7993.96 | 7870.64 | 2.73 | ppb |
| Strontium | 88-1 | 7578.35 | 7964.88 | 7878.01 | 7807.08 | 2.60 | ppb |
| Sulfur | 34-1 | 70822.03 | 73691.15 | 72556.66 | 72356.61 | 2.00 | ppb |
| Terbium | 159-1 | | | | 128 | | % |
| Terbium | 159-2 | | | | 118 | | % |
| Thallium | 203-1 | 3.22 | 3.35 | 3.41 | 3.33 | 2.89 | ppb |
| Thallium | 205-1 | 3.22 | 3.43 | 3.39 | 3.35 | 3.27 | ppb |
| Tin | 118-1 | 225.88 | 238.52 | 238.68 | 234.36 | 3.13 | ppb |
| Titanium | 47-1 | 2110.96 | 2268.79 | 2212.50 | 2197.42 | 3.64 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:09:51 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 5.55 | 5.90 | 5.97 | 5.80 | 3.91 | ppb |
| Vanadium | 51-2 | 171.47 | 171.84 | 172.40 | 171.90 | 0.27 | ppb |
| Yttrium | 89-1 | | | | 134 | | % |
| Yttrium | 89-2 | | | | 120 | | % |
| Zinc | 66-2 | 8217.92 | 8237.13 | 8317.84 | 8257.63 | 0.64 | ppb |
| Zirconium | 90-1 | 19.68 | 20.98 | 20.81 | 20.49 | 3.44 | ppb |
| Zirconium | 91-1 | 20.08 | 21.72 | 21.35 | 21.05 | 4.07 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18.33 | 18.48 | 18.23 | 18.35 | 0.67 | ppb |
| Lead | 207-1 | 17.39 | 17.37 | 17.38 | 17.38 | 0.07 | ppb |
| Lead | 208-1 | 17.72 | 17.83 | 17.72 | 17.75 | 0.35 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 15941.00 | 15974.22 | 15978.16 | 15964.46 | 0.13 | ppb |
| Manganese | 55-2 | 927.85 | 935.04 | 916.95 | 926.61 | 0.98 | ppb |
| Molybdenum | 94-1 | 82.26 | 85.18 | 83.54 | 83.66 | 1.75 | ppb |
| Molybdenum | 95-1 | 0.73 | 0.77 | 0.73 | 0.75 | 2.86 | ppb |
| Molybdenum | 96-1 | 9.94 | 10.09 | 10.15 | 10.06 | 1.05 | ppb |
| Molybdenum | 97-1 | 0.76 | 0.77 | 0.78 | 0.77 | 1.77 | ppb |
| Molybdenum | 98-1 | 0.74 | 0.72 | 0.72 | 0.73 | 1.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 53.07 | 52.80 | 53.25 | 53.04 | 0.43 | ppb |
| Phosphorus | 31-2 | 1502.53 | 1491.78 | 1508.46 | 1500.93 | 0.56 | ppb |
| Potassium | 39-2 | 1628.56 | 1631.11 | 1644.50 | 1634.72 | 0.52 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.72 | 0.56 | 0.87 | 0.72 | 21.89 | ppb |
| Selenium | 77-2 | 9.74 | 9.59 | 9.73 | 9.69 | 0.83 | ppb |
| Selenium | 78-2 | 1.41 | 2.74 | 1.57 | 1.91 | 38.18 | ppb |
| Silicon | 28-1 | 555.07 | 563.03 | 565.33 | 561.14 | 0.96 | ppb |
| Silver | 107-1 | 0.17 | 0.16 | 0.16 | 0.16 | 2.17 | ppb |
| Silver | 109-1 | 0.13 | 0.13 | 0.13 | 0.13 | 4.14 | ppb |
| Sodium | 23-2 | 790.75 | 785.39 | 791.09 | 789.08 | 0.41 | ppb |
| Strontium | 86-1 | 2767.72 | 2795.19 | 2793.24 | 2785.38 | 0.55 | ppb |
| Strontium | 88-1 | 2853.52 | 2880.67 | 2832.61 | 2855.60 | 0.84 | ppb |
| Sulfur | 34-1 | -1062.86 | -883.72 | -875.58 | -940.72 | | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.26 | 0.27 | 0.26 | 0.26 | 1.15 | ppb |
| Thallium | 205-1 | 0.27 | 0.27 | 0.26 | 0.27 | 3.31 | ppb |
| Tin | 118-1 | 1.72 | 1.72 | 1.72 | 1.72 | 0.17 | ppb |
| Titanium | 47-1 | 3002.96 | 3005.33 | 3021.36 | 3009.88 | 0.33 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.57 | 1.58 | 1.59 | 1.58 | 0.68 | ppb |
| Vanadium | 51-2 | 164.98 | 163.53 | 164.85 | 164.45 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 136.71 | 136.41 | 137.43 | 136.85 | 0.38 | ppb |
| Zirconium | 90-1 | 45.06 | 46.49 | 45.72 | 45.76 | 1.57 | ppb |
| Zirconium | 91-1 | 45.49 | 46.93 | 46.45 | 46.29 | 1.58 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 26.26 | 26.12 | 26.60 | 26.33 | 0.94 | ppb |
| Lead | 207-1 | 24.95 | 24.72 | 25.23 | 24.97 | 1.02 | ppb |
| Lead | 208-1 | 25.36 | 25.16 | 25.65 | 25.39 | 0.98 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 23029.47 | 23206.56 | 22824.53 | 23020.19 | 0.83 | ppb |
| Manganese | 55-2 | 1121.79 | 1102.96 | 1111.49 | 1112.08 | 0.85 | ppb |
| Molybdenum | 94-1 | 110.77 | 108.81 | 111.74 | 110.44 | 1.35 | ppb |
| Molybdenum | 95-1 | 0.53 | 0.54 | 0.54 | 0.54 | 1.34 | ppb |
| Molybdenum | 96-1 | 12.51 | 12.69 | 12.64 | 12.61 | 0.73 | ppb |
| Molybdenum | 97-1 | 0.56 | 0.56 | 0.52 | 0.55 | 4.25 | ppb |
| Molybdenum | 98-1 | 0.52 | 0.54 | 0.54 | 0.54 | 1.89 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 55.92 | 55.78 | 54.93 | 55.55 | 0.97 | ppb |
| Phosphorus | 31-2 | 1669.88 | 1648.90 | 1627.33 | 1648.70 | 1.29 | ppb |
| Potassium | 39-2 | 2082.87 | 2059.68 | 2026.71 | 2056.42 | 1.37 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.72 | 0.48 | 0.65 | 0.62 | 19.94 | ppb |
| Selenium | 77-2 | 11.72 | 9.18 | 12.35 | 11.08 | 15.12 | ppb |
| Selenium | 78-2 | 1.50 | 2.72 | 1.25 | 1.83 | 43.23 | ppb |
| Silicon | 28-1 | 867.19 | 856.89 | 868.40 | 864.16 | 0.73 | ppb |
| Silver | 107-1 | 0.13 | 0.13 | 0.12 | 0.12 | 4.02 | ppb |
| Silver | 109-1 | 0.08 | 0.08 | 0.08 | 0.08 | 1.93 | ppb |
| Sodium | 23-2 | 760.37 | 760.09 | 756.82 | 759.09 | 0.26 | ppb |
| Strontium | 86-1 | 3041.69 | 3024.18 | 3070.32 | 3045.40 | 0.76 | ppb |
| Strontium | 88-1 | 3100.30 | 3112.15 | 3117.53 | 3109.99 | 0.28 | ppb |
| Sulfur | 34-1 | -976.79 | -1060.92 | -1018.34 | -1018.68 | | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.18 | 0.16 | 0.16 | 0.17 | 4.66 | ppb |
| Thallium | 205-1 | 0.16 | 0.17 | 0.17 | 0.17 | 3.75 | ppb |
| Tin | 118-1 | 1.28 | 1.22 | 1.22 | 1.24 | 2.88 | ppb |
| Titanium | 47-1 | 2391.94 | 2383.15 | 2406.80 | 2393.96 | 0.50 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.29 | 1.27 | 1.30 | 1.28 | 1.15 | ppb |
| Vanadium | 51-2 | 153.90 | 153.00 | 151.36 | 152.75 | 0.84 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 252.33 | 252.30 | 248.50 | 251.04 | 0.88 | ppb |
| Zirconium | 90-1 | 62.36 | 62.78 | 60.96 | 62.03 | 1.53 | ppb |
| Zirconium | 91-1 | 61.21 | 60.41 | 61.58 | 61.07 | 0.98 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:20:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9309.96 | 9495.08 | 9254.72 | 9353.25 | 1.35 | ppb |
| Antimony | 121-1 | 74.61 | 75.47 | 74.78 | 74.95 | 0.61 | ppb |
| Arsenic | 75-2 | 400.06 | 396.66 | 404.52 | 400.41 | 0.98 | ppb |
| Barium | 135-1 | 186.32 | 190.54 | 188.33 | 188.40 | 1.12 | ppb |
| Barium | 137-1 | 188.31 | 191.49 | 189.12 | 189.64 | 0.87 | ppb |
| Beryllium | 9-1 | 0.22 | 0.27 | 0.27 | 0.25 | 12.37 | ppb |
| Bismuth | 209-1 | | | | 112 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.27 | 3.55 | 3.77 | 3.53 | 7.09 | ppb |
| Cadmium | 106-1 | 2.06 | 1.63 | 1.59 | 1.76 | 14.74 | ppb |
| Cadmium | 111-1 | 2.39 | 2.45 | 2.38 | 2.41 | 1.57 | ppb |
| Calcium | 43-1 | 6657.15 | 6624.39 | 6678.15 | 6653.23 | 0.41 | ppb |
| Calcium | 44-1 | 6574.85 | 6598.94 | 6479.45 | 6551.08 | 0.96 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 32.59 | 32.58 | 32.94 | 32.70 | 0.63 | ppb |
| Cobalt | 59-2 | 34.57 | 34.75 | 34.75 | 34.69 | 0.31 | ppb |
| Copper | 63-2 | 5592.74 | 5544.40 | 5579.72 | 5572.29 | 0.45 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 109 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 37647.57 | 37910.19 | 37973.63 | 37843.80 | 0.46 | ppb |
| Iron | 57-2 | 36936.65 | 37578.29 | 37292.08 | 37269.01 | 0.86 | ppb |
| Iron | 54-2 | 37488.20 | 37916.20 | 38043.69 | 37816.03 | 0.77 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:20:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 533.17 | 539.33 | 533.70 | 535.40 | 0.64 | ppb |
| Lead | 207-1 | 525.63 | 530.92 | 524.00 | 526.85 | 0.69 | ppb |
| Lead | 208-1 | 523.37 | 532.87 | 524.81 | 527.02 | 0.97 | ppb |
| Lithium | 6-1 | | | | 105 | | % |
| Magnesium | 24-2 | 5872.47 | 5893.02 | 5875.26 | 5880.25 | 0.19 | ppb |
| Manganese | 55-2 | 780.80 | 780.94 | 789.11 | 783.62 | 0.61 | ppb |
| Molybdenum | 94-1 | 16.62 | 16.93 | 16.73 | 16.76 | 0.94 | ppb |
| Molybdenum | 95-1 | 9.95 | 10.24 | 10.13 | 10.11 | 1.47 | ppb |
| Molybdenum | 96-1 | 11.12 | 11.29 | 11.23 | 11.21 | 0.79 | ppb |
| Molybdenum | 97-1 | 10.22 | 10.47 | 10.40 | 10.36 | 1.21 | ppb |
| Molybdenum | 98-1 | 10.22 | 10.23 | 10.29 | 10.24 | 0.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 29.49 | 28.96 | 28.80 | 29.08 | 1.24 | ppb |
| Phosphorus | 31-2 | 761.20 | 781.70 | 778.48 | 773.79 | 1.42 | ppb |
| Potassium | 39-2 | 2144.18 | 2175.89 | 2131.57 | 2150.55 | 1.06 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 2.31 | 2.35 | 2.22 | 2.30 | 2.96 | ppb |
| Selenium | 77-2 | 5.62 | 4.57 | 5.55 | 5.25 | 11.27 | ppb |
| Selenium | 78-2 | 0.36 | 2.12 | 2.47 | 1.65 | 68.66 | ppb |
| Silicon | 28-1 | 1142.68 | 1146.49 | 1140.29 | 1143.16 | 0.27 | ppb |
| Silver | 107-1 | 9.90 | 10.16 | 10.12 | 10.06 | 1.43 | ppb |
| Silver | 109-1 | 9.90 | 9.91 | 9.94 | 9.91 | 0.21 | ppb |
| Sodium | 23-2 | 13572.99 | 13455.93 | 13532.72 | 13520.55 | 0.44 | ppb |
| Strontium | 86-1 | 1662.60 | 1678.25 | 1678.18 | 1673.01 | 0.54 | ppb |
| Strontium | 88-1 | 1720.57 | 1751.91 | 1739.35 | 1737.28 | 0.91 | ppb |
| Sulfur | 34-1 | 13416.07 | 13727.60 | 13327.24 | 13490.30 | 1.56 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.69 | 0.68 | 0.69 | 0.69 | 1.07 | ppb |
| Thallium | 205-1 | 0.67 | 0.70 | 0.70 | 0.69 | 1.93 | ppb |
| Tin | 118-1 | 46.85 | 47.83 | 47.37 | 47.35 | 1.04 | ppb |
| Titanium | 47-1 | 448.71 | 453.16 | 451.59 | 451.15 | 0.50 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 45.95 | 46.32 | 46.75 | 46.34 | 0.86 | ppb |
| Lead | 207-1 | 43.33 | 44.07 | 44.30 | 43.90 | 1.16 | ppb |
| Lead | 208-1 | 44.05 | 44.87 | 45.15 | 44.69 | 1.28 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 13856.87 | 13855.41 | 13865.60 | 13859.29 | 0.04 | ppb |
| Manganese | 55-2 | 861.34 | 859.39 | 853.41 | 858.05 | 0.48 | ppb |
| Molybdenum | 94-1 | 95.21 | 95.87 | 98.02 | 96.37 | 1.53 | ppb |
| Molybdenum | 95-1 | 0.49 | 0.52 | 0.50 | 0.50 | 3.08 | ppb |
| Molybdenum | 96-1 | 10.76 | 11.02 | 11.20 | 10.99 | 1.99 | ppb |
| Molybdenum | 97-1 | 0.54 | 0.55 | 0.50 | 0.53 | 5.23 | ppb |
| Molybdenum | 98-1 | 0.52 | 0.52 | 0.54 | 0.53 | 1.51 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 37.87 | 37.99 | 38.00 | 37.95 | 0.18 | ppb |
| Phosphorus | 31-2 | 1219.48 | 1245.29 | 1203.86 | 1222.88 | 1.71 | ppb |
| Potassium | 39-2 | 1682.94 | 1696.71 | 1693.02 | 1690.89 | 0.42 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.49 | 0.71 | 0.54 | 0.58 | 20.45 | ppb |
| Selenium | 77-2 | 4.01 | 5.14 | 4.84 | 4.66 | 12.67 | ppb |
| Selenium | 78-2 | -0.01 | 0.68 | 2.88 | 1.18 | 127.66 | ppb |
| Silicon | 28-1 | 657.70 | 666.58 | 676.68 | 666.98 | 1.42 | ppb |
| Silver | 107-1 | 0.11 | 0.10 | 0.12 | 0.11 | 5.96 | ppb |
| Silver | 109-1 | 0.07 | 0.07 | 0.07 | 0.07 | 5.94 | ppb |
| Sodium | 23-2 | 484.09 | 489.70 | 488.66 | 487.48 | 0.61 | ppb |
| Strontium | 86-1 | 3180.04 | 3202.04 | 3249.51 | 3210.53 | 1.11 | ppb |
| Strontium | 88-1 | 3330.76 | 3294.06 | 3323.74 | 3316.19 | 0.59 | ppb |
| Sulfur | 34-1 | -1092.40 | -1036.08 | -1035.05 | -1054.51 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.15 | 0.16 | 0.15 | 0.15 | 3.38 | ppb |
| Thallium | 205-1 | 0.14 | 0.15 | 0.15 | 0.15 | 4.53 | ppb |
| Tin | 118-1 | 1.55 | 1.66 | 1.68 | 1.63 | 4.22 | ppb |
| Titanium | 47-1 | 1418.37 | 1426.63 | 1449.06 | 1431.35 | 1.11 | ppb |

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|---|---|---|---|
| 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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|---|---|---|---|
| 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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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:26:35 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 37.55 | 37.65 | 37.01 | 37.40 | 0.92 | ppb |
| Lead | 207-1 | 35.35 | 36.06 | 35.11 | 35.51 | 1.39 | ppb |
| Lead | 208-1 | 36.03 | 36.49 | 35.94 | 36.15 | 0.83 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 14100.17 | 14030.22 | 14050.73 | 14060.37 | 0.26 | ppb |
| Manganese | 55-2 | 1571.63 | 1563.57 | 1559.52 | 1564.91 | 0.39 | ppb |
| Molybdenum | 94-1 | 81.77 | 82.43 | 83.00 | 82.40 | 0.75 | ppb |
| Molybdenum | 95-1 | 0.48 | 0.49 | 0.52 | 0.49 | 3.91 | ppb |
| Molybdenum | 96-1 | 9.47 | 9.50 | 9.54 | 9.50 | 0.37 | ppb |
| Molybdenum | 97-1 | 0.50 | 0.52 | 0.50 | 0.50 | 2.14 | ppb |
| Molybdenum | 98-1 | 0.47 | 0.48 | 0.46 | 0.47 | 2.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 40.48 | 40.34 | 40.68 | 40.50 | 0.43 | ppb |
| Phosphorus | 31-2 | 1850.62 | 1771.71 | 1797.54 | 1806.62 | 2.23 | ppb |
| Potassium | 39-2 | 2623.91 | 2616.63 | 2631.45 | 2624.00 | 0.28 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.37 | 0.66 | 0.70 | 0.58 | 31.69 | ppb |
| Selenium | 77-2 | 4.44 | 7.64 | 4.65 | 5.58 | 32.05 | ppb |
| Selenium | 78-2 | -0.28 | 0.49 | 0.69 | 0.30 | 170.35 | ppb |
| Silicon | 28-1 | 593.65 | 590.66 | 584.51 | 589.60 | 0.79 | ppb |
| Silver | 107-1 | 0.14 | 0.14 | 0.13 | 0.14 | 3.87 | ppb |
| Silver | 109-1 | 0.11 | 0.11 | 0.11 | 0.11 | 1.32 | ppb |
| Sodium | 23-2 | 394.60 | 388.75 | 394.67 | 392.67 | 0.87 | ppb |
| Strontium | 86-1 | 3361.55 | 3356.55 | 3400.03 | 3372.71 | 0.71 | ppb |
| Strontium | 88-1 | 3442.14 | 3425.08 | 3451.32 | 3439.51 | 0.39 | ppb |
| Sulfur | 34-1 | -786.63 | -844.92 | -820.37 | -817.31 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.23 | 0.24 | 0.24 | 0.24 | 2.23 | ppb |
| Thallium | 205-1 | 0.24 | 0.24 | 0.24 | 0.24 | 1.70 | ppb |
| Tin | 118-1 | 1.38 | 1.32 | 1.30 | 1.33 | 2.91 | ppb |
| Titanium | 47-1 | 873.98 | 876.31 | 887.20 | 879.17 | 0.80 | ppb |

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|---|---|---|---|
| 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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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21131.17 | 21389.92 | 21187.89 | 21236.33 | 0.64 | ppb |
| Antimony | 121-1 | 0.13 | 0.14 | 0.15 | 0.14 | 9.69 | ppb |
| Arsenic | 75-2 | 6.34 | 6.77 | 6.16 | 6.43 | 4.86 | ppb |
| Barium | 135-1 | 187.92 | 200.81 | 209.30 | 199.35 | 5.40 | ppb |
| Barium | 137-1 | 190.76 | 202.06 | 212.64 | 201.82 | 5.42 | ppb |
| Beryllium | 9-1 | 0.73 | 0.78 | 0.84 | 0.78 | 7.20 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.62 | 3.86 | 4.25 | 3.91 | 8.16 | ppb |
| Cadmium | 106-1 | 7.19 | 7.00 | 7.16 | 7.12 | 1.44 | ppb |
| Cadmium | 111-1 | 0.55 | 0.57 | 0.61 | 0.58 | 4.73 | ppb |
| Calcium | 43-1 | 10122.93 | 10757.60 | 11296.79 | 10725.77 | 5.48 | ppb |
| Calcium | 44-1 | 9968.99 | 10468.72 | 11086.66 | 10508.13 | 5.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 29.81 | 30.05 | 29.55 | 29.80 | 0.84 | ppb |
| Cobalt | 59-2 | 24.01 | 24.17 | 23.83 | 24.00 | 0.70 | ppb |
| Copper | 63-2 | 46.23 | 46.27 | 46.17 | 46.23 | 0.11 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 57251.07 | 56904.46 | 57169.12 | 57108.22 | 0.32 | ppb |
| Iron | 57-2 | 56101.41 | 56538.81 | 56556.74 | 56398.98 | 0.46 | ppb |
| Iron | 54-2 | 57457.09 | 56929.04 | 56751.22 | 57045.78 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35.74 | 38.29 | 39.82 | 37.95 | 5.43 | ppb |
| Lead | 207-1 | 34.36 | 36.83 | 38.55 | 36.58 | 5.77 | ppb |
| Lead | 208-1 | 34.73 | 37.27 | 39.13 | 37.04 | 5.97 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 11083.70 | 11018.85 | 11156.70 | 11086.42 | 0.62 | ppb |
| Manganese | 55-2 | 695.44 | 698.90 | 703.03 | 699.12 | 0.54 | ppb |
| Molybdenum | 94-1 | 71.46 | 75.19 | 78.92 | 75.19 | 4.96 | ppb |
| Molybdenum | 95-1 | 0.67 | 0.72 | 0.73 | 0.71 | 4.38 | ppb |
| Molybdenum | 96-1 | 8.46 | 9.03 | 9.33 | 8.94 | 4.92 | ppb |
| Molybdenum | 97-1 | 0.66 | 0.70 | 0.74 | 0.70 | 5.29 | ppb |
| Molybdenum | 98-1 | 0.63 | 0.69 | 0.75 | 0.69 | 8.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 36.57 | 36.58 | 36.36 | 36.50 | 0.34 | ppb |
| Phosphorus | 31-2 | 1799.17 | 1783.23 | 1757.42 | 1779.94 | 1.18 | ppb |
| Potassium | 39-2 | 1547.13 | 1559.20 | 1555.83 | 1554.06 | 0.40 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 0.53 | 0.92 | 0.21 | 0.56 | 64.01 | ppb |
| Selenium | 77-2 | 8.46 | 7.34 | 8.01 | 7.94 | 7.10 | ppb |
| Selenium | 78-2 | 0.04 | 2.30 | 0.37 | 0.90 | 135.46 | ppb |
| Silicon | 28-1 | 462.12 | 483.43 | 518.23 | 487.93 | 5.80 | ppb |
| Silver | 107-1 | 0.10 | 0.09 | 0.10 | 0.10 | 5.53 | ppb |
| Silver | 109-1 | 0.06 | 0.07 | 0.08 | 0.07 | 7.52 | ppb |
| Sodium | 23-2 | 651.07 | 654.96 | 647.10 | 651.05 | 0.60 | ppb |
| Strontium | 86-1 | 2037.03 | 2156.96 | 2266.40 | 2153.46 | 5.33 | ppb |
| Strontium | 88-1 | 2103.56 | 2262.87 | 2308.52 | 2224.98 | 4.84 | ppb |
| Sulfur | 34-1 | -919.44 | -765.29 | -527.90 | -737.54 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.17 | 0.20 | 0.18 | 0.18 | 7.69 | ppb |
| Thallium | 205-1 | 0.17 | 0.18 | 0.20 | 0.19 | 7.83 | ppb |
| Tin | 118-1 | 1.17 | 1.25 | 1.31 | 1.24 | 5.69 | ppb |
| Titanium | 47-1 | 3534.96 | 3714.34 | 3947.35 | 3732.22 | 5.54 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.26 | 1.33 | 1.42 | 1.34 | 5.84 | ppb |
| Vanadium | 51-2 | 158.20 | 158.32 | 157.09 | 157.87 | 0.43 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 248.12 | 248.81 | 247.94 | 248.29 | 0.18 | ppb |
| Zirconium | 90-1 | 38.74 | 41.51 | 42.95 | 41.07 | 5.21 | ppb |
| Zirconium | 91-1 | 38.92 | 41.76 | 43.51 | 41.40 | 5.59 | ppb |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18534.84 | 18353.92 | 18202.65 | 18363.81 | 0.91 | ppb |
| Antimony | 121-1 | 0.13 | 0.13 | 0.12 | 0.13 | 5.50 | ppb |
| Arsenic | 75-2 | 9.87 | 10.05 | 9.47 | 9.80 | 3.03 | ppb |
| Barium | 135-1 | 141.79 | 145.23 | 142.73 | 143.25 | 1.24 | ppb |
| Barium | 137-1 | 143.52 | 146.84 | 145.14 | 145.17 | 1.14 | ppb |
| Beryllium | 9-1 | 0.71 | 0.75 | 0.71 | 0.72 | 2.99 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.27 | 3.62 | 2.97 | 3.29 | 9.89 | ppb |
| Cadmium | 106-1 | 6.91 | 7.16 | 6.31 | 6.79 | 6.47 | ppb |
| Cadmium | 111-1 | 0.29 | 0.34 | 0.33 | 0.32 | 7.94 | ppb |
| Calcium | 43-1 | 13271.83 | 13333.52 | 13486.89 | 13364.08 | 0.83 | ppb |
| Calcium | 44-1 | 13029.88 | 13155.37 | 13279.73 | 13154.99 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 25.38 | 25.34 | 25.19 | 25.30 | 0.40 | ppb |
| Cobalt | 59-2 | 24.11 | 24.13 | 23.53 | 23.92 | 1.42 | ppb |
| Copper | 63-2 | 60.63 | 60.44 | 59.58 | 60.22 | 0.93 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 54445.31 | 54147.00 | 54140.53 | 54244.28 | 0.32 | ppb |
| Iron | 57-2 | 53654.81 | 53408.50 | 53294.95 | 53452.75 | 0.34 | ppb |
| Iron | 54-2 | 54550.24 | 54794.68 | 53670.39 | 54338.44 | 1.09 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 39.43 | 40.31 | 39.55 | 39.76 | 1.20 | ppb |
| Lead | 207-1 | 37.80 | 38.36 | 38.19 | 38.12 | 0.76 | ppb |
| Lead | 208-1 | 38.63 | 39.24 | 38.52 | 38.80 | 0.99 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 12830.75 | 12625.76 | 12386.40 | 12614.30 | 1.76 | ppb |
| Manganese | 55-2 | 794.24 | 788.59 | 778.04 | 786.96 | 1.04 | ppb |
| Molybdenum | 94-1 | 68.17 | 68.43 | 68.29 | 68.30 | 0.19 | ppb |
| Molybdenum | 95-1 | 0.78 | 0.76 | 0.74 | 0.76 | 2.78 | ppb |
| Molybdenum | 96-1 | 8.26 | 8.20 | 8.38 | 8.28 | 1.14 | ppb |
| Molybdenum | 97-1 | 0.77 | 0.74 | 0.73 | 0.75 | 2.89 | ppb |
| Molybdenum | 98-1 | 0.76 | 0.71 | 0.74 | 0.74 | 3.06 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 46.03 | 45.92 | 45.43 | 45.79 | 0.70 | ppb |
| Phosphorus | 31-2 | 2746.64 | 2724.29 | 2694.62 | 2721.85 | 0.96 | ppb |
| Potassium | 39-2 | 1071.40 | 1063.27 | 1060.26 | 1064.98 | 0.54 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.97 | 0.32 | 0.04 | 0.44 | 107.21 | ppb |
| Selenium | 77-2 | 9.76 | 9.95 | 12.59 | 10.77 | 14.70 | ppb |
| Selenium | 78-2 | 2.09 | 2.71 | 1.21 | 2.00 | 37.80 | ppb |
| Silicon | 28-1 | 460.54 | 459.44 | 465.36 | 461.78 | 0.68 | ppb |
| Silver | 107-1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.17 | ppb |
| Silver | 109-1 | 0.06 | 0.06 | 0.06 | 0.06 | 3.61 | ppb |
| Sodium | 23-2 | 715.09 | 709.33 | 698.33 | 707.58 | 1.20 | ppb |
| Strontium | 86-1 | 1876.79 | 1866.48 | 1867.70 | 1870.32 | 0.30 | ppb |
| Strontium | 88-1 | 1924.12 | 1941.31 | 1945.35 | 1936.93 | 0.58 | ppb |
| Sulfur | 34-1 | -937.04 | -889.74 | -792.09 | -872.95 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.16 | 0.17 | 0.16 | 0.16 | 3.65 | ppb |
| Thallium | 205-1 | 0.16 | 0.17 | 0.16 | 0.16 | 4.21 | ppb |
| Tin | 118-1 | 1.83 | 1.95 | 2.01 | 1.93 | 4.76 | ppb |
| Titanium | 47-1 | 2993.33 | 2984.12 | 3023.51 | 3000.32 | 0.69 | ppb |

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Inst Id :P7

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

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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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.95 | 1.03 | 1.01 | 1.00 | 4.01 | ppb |
| Vanadium | 51-2 | 134.01 | 133.31 | 132.99 | 133.44 | 0.39 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 117.13 | 117.48 | 115.90 | 116.84 | 0.71 | ppb |
| Zirconium | 90-1 | 34.63 | 37.53 | 37.32 | 36.49 | 4.42 | ppb |
| Zirconium | 91-1 | 34.91 | 38.01 | 37.98 | 36.97 | 4.82 | ppb |

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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 |

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

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 | 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 |

Reviewed By:Mohan
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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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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 |

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

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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 |

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

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 | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.72 | 1.70 | 1.74 | 1.72 | 1.12 | ppb |
| Vanadium | 51-2 | 10.19 | 9.86 | 10.01 | 10.02 | 1.64 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 10.11 | 10.13 | 10.30 | 10.18 | 1.03 | ppb |
| Zirconium | 90-1 | 1.87 | 1.91 | 1.97 | 1.92 | 2.52 | ppb |
| Zirconium | 91-1 | 1.86 | 1.86 | 1.97 | 1.90 | 3.23 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.38 | 0.31 | 0.24 | 0.31 | 22.52 | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Arsenic | 75-2 | -0.01 | -0.02 | -0.02 | -0.02 | | ppb |
| Barium | 135-1 | 0.00 | 0.00 | 0.01 | 0.00 | 118.18 | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | 261.93 | ppb |
| Beryllium | 9-1 | -0.01 | 0.01 | 0.00 | 0.00 | 300.35 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.05 | -0.03 | -0.03 | 0.00 | | ppb |
| Cadmium | 106-1 | 0.15 | -0.54 | -0.04 | -0.14 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Calcium | 43-1 | 0.08 | 1.09 | 2.38 | 1.18 | 97.57 | ppb |
| Calcium | 44-1 | 2.19 | 1.17 | 1.42 | 1.59 | 33.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.13 | -0.15 | -0.12 | -0.14 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.04 | 0.05 | 0.06 | 0.05 | 17.37 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | -0.37 | -0.44 | -0.42 | -0.41 | | ppb |
| Iron | 57-2 | -0.67 | -0.07 | -0.54 | -0.43 | | ppb |
| Iron | 54-2 | 0.30 | -0.28 | -0.14 | -0.04 | | ppb |
| Krypton | 83-1 | | | | | | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.03 | 0.02 | 0.02 | 0.03 | 11.86 | ppb |
| Lead | 207-1 | 0.02 | 0.02 | 0.03 | 0.02 | 36.25 | ppb |
| Lead | 208-1 | 0.02 | 0.02 | 0.03 | 0.02 | 9.64 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | -0.21 | -0.05 | -0.13 | -0.13 | | ppb |
| Manganese | 55-2 | 0.11 | 0.09 | 0.09 | 0.10 | 13.44 | ppb |
| Molybdenum | 94-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Molybdenum | 95-1 | -0.03 | -0.03 | -0.03 | -0.03 | | ppb |
| Molybdenum | 96-1 | -0.02 | -0.02 | 0.00 | -0.01 | | ppb |
| Molybdenum | 97-1 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Molybdenum | 98-1 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.04 | -0.10 | -0.11 | -0.08 | | ppb |
| Phosphorus | 31-2 | -13.24 | -16.22 | -19.77 | -16.41 | | ppb |
| Potassium | 39-2 | 3.01 | 3.13 | 3.08 | 3.07 | 2.04 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.66 | -0.45 | -0.32 | -0.04 | | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | 0.29 | 0.62 | 0.09 | 0.33 | 80.64 | ppb |
| Silicon | 28-1 | -0.53 | -0.52 | -0.46 | -0.50 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 3.27 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 8.33 | ppb |
| Sodium | 23-2 | 2.04 | 1.48 | 1.94 | 1.82 | 16.47 | ppb |
| Strontium | 86-1 | 0.18 | 0.07 | 0.40 | 0.22 | 79.26 | ppb |
| Strontium | 88-1 | 0.17 | 0.11 | 0.17 | 0.15 | 23.07 | ppb |
| Sulfur | 34-1 | -614.55 | -628.52 | -528.34 | -590.47 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.01 | 0.02 | 0.01 | 0.01 | 30.84 | ppb |
| Thallium | 205-1 | 0.01 | 0.02 | 0.01 | 0.01 | 11.67 | ppb |
| Tin | 118-1 | 0.04 | 0.03 | 0.04 | 0.04 | 15.59 | ppb |
| Titanium | 47-1 | 0.01 | -0.01 | 0.02 | 0.01 | 203.76 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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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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 |
|---|---|---|---|---|---|---|---|
| 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
On:12/30/2024 3:28:46 AM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 515.24 | 514.66 | 518.58 | 516.16 | 0.41 | ppb |
| Vanadium | 51-2 | 512.70 | 507.54 | 509.71 | 509.98 | 0.51 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 89 | | % |
| Zinc | 66-2 | 4785.13 | 4725.85 | 4734.97 | 4748.65 | 0.67 | ppb |
| Zirconium | 90-1 | 503.81 | 509.82 | 503.18 | 505.60 | 0.73 | ppb |
| Zirconium | 91-1 | 502.22 | 511.10 | 507.77 | 507.03 | 0.88 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.43 | 0.68 | 0.60 | 0.57 | 22.42 | ppb |
| Antimony | 121-1 | 0.02 | 0.03 | 0.02 | 0.02 | 18.01 | ppb |
| Arsenic | 75-2 | -0.02 | -0.01 | -0.02 | -0.02 | | ppb |
| Barium | 135-1 | 0.00 | 0.00 | -0.01 | -0.01 | | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | 31.39 | ppb |
| Beryllium | 9-1 | 0.02 | 0.00 | 0.01 | 0.01 | 70.60 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.02 | -0.01 | -0.04 | -0.01 | | ppb |
| Cadmium | 106-1 | -0.41 | -0.66 | -1.00 | -0.69 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.01 | -0.02 | -0.01 | | ppb |
| Calcium | 43-1 | 1.23 | 1.39 | -0.12 | 0.83 | 99.68 | ppb |
| Calcium | 44-1 | 1.30 | 1.13 | 0.79 | 1.07 | 24.24 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | -0.03 | 0.03 | -0.01 | | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.08 | 0.08 | 0.08 | 0.08 | 2.73 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 0.17 | 0.26 | 0.28 | 0.24 | 24.04 | ppb |
| Iron | 57-2 | -0.20 | -1.01 | -0.66 | -0.62 | | ppb |
| Iron | 54-2 | 0.05 | 0.26 | 0.22 | 0.18 | 63.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.80 | ppb |
| Lead | 207-1 | 0.01 | 0.01 | 0.02 | 0.01 | 31.28 | ppb |
| Lead | 208-1 | 0.02 | 0.02 | 0.02 | 0.02 | 13.09 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 0.17 | 0.08 | -0.02 | 0.08 | 122.17 | ppb |
| Manganese | 55-2 | 0.01 | 0.02 | 0.01 | 0.01 | 59.05 | ppb |
| Molybdenum | 94-1 | 0.02 | 0.05 | 0.03 | 0.03 | 50.61 | ppb |
| Molybdenum | 95-1 | 0.01 | 0.00 | 0.00 | 0.01 | 41.16 | ppb |
| Molybdenum | 96-1 | 0.01 | 0.02 | 0.02 | 0.02 | 13.19 | ppb |
| Molybdenum | 97-1 | 0.02 | 0.02 | 0.02 | 0.02 | 1.41 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.02 | 0.02 | 15.02 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.03 | -0.02 | 0.03 | -0.01 | | ppb |
| Phosphorus | 31-2 | -14.86 | -16.48 | -18.26 | -16.53 | | ppb |
| Potassium | 39-2 | 1.87 | 0.39 | 0.12 | 0.79 | 118.90 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | -0.14 | 0.07 | -0.03 | -0.03 | | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | 0.07 | 0.20 | -0.12 | 0.05 | 327.16 | ppb |
| Silicon | 28-1 | -3.38 | -3.00 | -3.18 | -3.19 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 30.35 | ppb |
| Silver | 109-1 | 0.01 | 0.00 | 0.00 | 0.00 | 20.32 | ppb |
| Sodium | 23-2 | 7.91 | 8.45 | 8.43 | 8.26 | 3.68 | ppb |
| Strontium | 86-1 | -0.14 | -0.31 | 0.11 | -0.11 | | ppb |
| Strontium | 88-1 | 0.04 | 0.05 | 0.04 | 0.04 | 10.94 | ppb |
| Sulfur | 34-1 | -52.07 | -28.52 | -45.44 | -42.01 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.02 | 0.01 | 0.02 | 0.02 | 15.61 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 8.41 | ppb |
| Tin | 118-1 | 0.02 | 0.01 | 0.01 | 0.01 | 58.80 | ppb |
| Titanium | 47-1 | 0.03 | 0.02 | 0.04 | 0.03 | 42.96 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 87.10 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 0.10 | 0.16 | 0.22 | 0.16 | 35.32 | ppb |
| Zirconium | 90-1 | 0.00 | 0.01 | 0.00 | 0.00 | 118.89 | ppb |
| Zirconium | 91-1 | 0.02 | 0.01 | 0.01 | 0.01 | 57.43 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.39 | 0.40 | 0.38 | 0.39 | 2.78 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.02 | 0.02 | 34.45 | ppb |
| Arsenic | 75-2 | 0.00 | -0.03 | -0.01 | -0.01 | | ppb |
| Barium | 135-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Barium | 137-1 | 0.01 | 0.00 | 0.00 | 0.00 | 57.74 | ppb |
| Beryllium | 9-1 | 0.01 | 0.01 | 0.02 | 0.01 | 73.93 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Cadmium | 106-1 | 0.38 | -0.12 | 0.21 | 0.15 | 164.48 | ppb |
| Cadmium | 111-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Calcium | 43-1 | 3.36 | 1.89 | 2.05 | 2.44 | 33.07 | ppb |
| Calcium | 44-1 | 0.50 | 0.94 | 0.93 | 0.79 | 31.48 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.16 | -0.17 | -0.16 | -0.16 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | 0.00 | -0.01 | | ppb |
| Copper | 63-2 | 0.04 | 0.03 | 0.05 | 0.04 | 26.28 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | -0.61 | -0.55 | -0.51 | -0.56 | | ppb |
| Iron | 57-2 | -1.27 | -1.59 | -0.84 | -1.23 | | ppb |
| Iron | 54-2 | -0.82 | -0.98 | -0.27 | -0.69 | | ppb |
| Krypton | 83-1 | | | | | | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.03 | 0.02 | 0.01 | 0.02 | 37.06 | ppb |
| Lead | 207-1 | 0.01 | 0.02 | 0.01 | 0.01 | 32.80 | ppb |
| Lead | 208-1 | 0.02 | 0.02 | 0.02 | 0.02 | 4.44 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | -0.02 | -0.48 | -0.04 | -0.18 | | ppb |
| Manganese | 55-2 | 0.09 | 0.10 | 0.09 | 0.10 | 7.49 | ppb |
| Molybdenum | 94-1 | 0.02 | -0.01 | 0.00 | 0.00 | 289.23 | ppb |
| Molybdenum | 95-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Molybdenum | 96-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Molybdenum | 97-1 | 0.00 | -0.01 | -0.01 | 0.00 | | ppb |
| Molybdenum | 98-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.10 | -0.12 | -0.09 | -0.11 | | ppb |
| Phosphorus | 31-2 | -12.61 | -15.06 | -15.02 | -14.23 | | ppb |
| Potassium | 39-2 | 1.54 | -1.71 | 2.04 | 0.62 | 326.81 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.12 | 0.12 | 0.00 | 0.08 | 90.48 | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.35 | -0.46 | -1.21 | -0.67 | | ppb |
| Silicon | 28-1 | -2.68 | -2.56 | -2.47 | -2.57 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 88.32 | ppb |
| Silver | 109-1 | 0.01 | 0.00 | 0.00 | 0.00 | 50.16 | ppb |
| Sodium | 23-2 | 3.25 | 3.02 | 3.06 | 3.11 | 3.90 | ppb |
| Strontium | 86-1 | 0.05 | -0.07 | 0.05 | 0.01 | 636.51 | ppb |
| Strontium | 88-1 | 0.11 | 0.11 | 0.09 | 0.11 | 11.32 | ppb |
| Sulfur | 34-1 | -64.72 | 7.69 | 28.41 | -9.54 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.01 | 0.00 | 0.01 | 0.01 | 47.50 | ppb |
| Thallium | 205-1 | 0.01 | 0.02 | 0.02 | 0.02 | 18.17 | ppb |
| Tin | 118-1 | 0.05 | 0.02 | 0.04 | 0.04 | 39.81 | ppb |
| Titanium | 47-1 | 0.01 | -0.01 | 0.00 | 0.00 | 268.86 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 171.55 | ppb |
| Vanadium | 51-2 | -0.01 | -0.01 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 0.16 | 0.16 | 0.18 | 0.17 | 8.75 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 155.13 | ppb |
| Zirconium | 91-1 | 0.00 | 0.00 | 0.01 | 0.01 | 143.11 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 36.27 | 36.20 | 36.28 | 36.25 | 0.12 | ppb |
| Antimony | 121-1 | 3.89 | 3.78 | 3.82 | 3.83 | 1.37 | ppb |
| Arsenic | 75-2 | 2.06 | 2.21 | 2.01 | 2.09 | 5.09 | ppb |
| Barium | 135-1 | 18.78 | 18.17 | 18.18 | 18.38 | 1.87 | ppb |
| Barium | 137-1 | 18.95 | 18.38 | 18.36 | 18.56 | 1.82 | ppb |
| Beryllium | 9-1 | 1.98 | 2.03 | 1.91 | 1.98 | 3.00 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.31 | 1.93 | 1.91 | 2.05 | 10.88 | ppb |
| Cadmium | 106-1 | 3.19 | 1.72 | 1.22 | 2.04 | 50.29 | ppb |
| Cadmium | 111-1 | 2.00 | 2.01 | 2.03 | 2.01 | 0.72 | ppb |
| Calcium | 43-1 | 1006.20 | 972.43 | 972.16 | 983.60 | 1.99 | ppb |
| Calcium | 44-1 | 990.96 | 979.56 | 985.21 | 985.24 | 0.58 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.54 | 3.44 | 3.44 | 3.47 | 1.67 | ppb |
| Cobalt | 59-2 | 1.92 | 1.98 | 1.93 | 1.94 | 1.57 | ppb |
| Copper | 63-2 | 3.88 | 3.90 | 3.98 | 3.92 | 1.40 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 398.97 | 393.92 | 394.92 | 395.94 | 0.67 | ppb |
| Iron | 57-2 | 398.57 | 389.40 | 401.12 | 396.36 | 1.56 | ppb |
| Iron | 54-2 | 404.21 | 404.49 | 402.30 | 403.66 | 0.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.81 | 1.84 | 1.79 | 1.81 | 1.31 | ppb |
| Lead | 207-1 | 1.81 | 1.81 | 1.83 | 1.82 | 0.70 | ppb |
| Lead | 208-1 | 1.80 | 1.80 | 1.80 | 1.80 | 0.05 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 884.66 | 887.99 | 895.02 | 889.22 | 0.59 | ppb |
| Manganese | 55-2 | 1.93 | 1.97 | 2.02 | 1.97 | 2.20 | ppb |
| Molybdenum | 94-1 | 10.84 | 10.73 | 10.78 | 10.78 | 0.52 | ppb |
| Molybdenum | 95-1 | 9.12 | 9.20 | 9.11 | 9.14 | 0.51 | ppb |
| Molybdenum | 96-1 | 9.38 | 9.39 | 9.26 | 9.34 | 0.77 | ppb |
| Molybdenum | 97-1 | 9.20 | 9.03 | 9.05 | 9.09 | 1.03 | ppb |
| Molybdenum | 98-1 | 9.25 | 9.16 | 9.17 | 9.19 | 0.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.86 | 1.84 | 1.80 | 1.83 | 1.62 | ppb |
| Phosphorus | 31-2 | 32.66 | 26.76 | 34.38 | 31.27 | 12.79 | ppb |
| Potassium | 39-2 | 951.46 | 958.87 | 965.62 | 958.65 | 0.74 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 10.31 | 10.12 | 9.39 | 9.94 | 4.89 | ppb |
| Selenium | 77-2 | 10.63 | 11.70 | 9.40 | 10.57 | 10.89 | ppb |
| Selenium | 78-2 | 7.80 | 11.99 | 9.53 | 9.77 | 21.52 | ppb |
| Silicon | 28-1 | 1.42 | 1.36 | 1.59 | 1.46 | 8.14 | ppb |
| Silver | 107-1 | 1.95 | 1.95 | 1.93 | 1.95 | 0.71 | ppb |
| Silver | 109-1 | 1.94 | 1.94 | 1.93 | 1.94 | 0.16 | ppb |
| Sodium | 23-2 | 873.77 | 869.62 | 880.56 | 874.65 | 0.63 | ppb |
| Strontium | 86-1 | 48.02 | 47.32 | 45.84 | 47.06 | 2.37 | ppb |
| Strontium | 88-1 | 47.48 | 46.13 | 46.34 | 46.65 | 1.56 | ppb |
| Sulfur | 34-1 | 55.88 | 62.13 | 85.69 | 67.90 | 23.16 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 1.80 | 1.80 | 1.79 | 1.80 | 0.40 | ppb |
| Thallium | 205-1 | 1.81 | 1.82 | 1.78 | 1.80 | 1.06 | ppb |
| Tin | 118-1 | 9.77 | 9.61 | 9.64 | 9.68 | 0.83 | ppb |
| Titanium | 47-1 | 2.29 | 2.32 | 2.23 | 2.28 | 1.90 | ppb |

Reviewed By:Mohan
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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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:21:27 | DataFile Name : | 065CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.59 | 0.70 | 0.82 | 0.70 | 16.56 | ppb |
| Antimony | 121-1 | 0.00 | 0.01 | 0.00 | 0.01 | 46.77 | ppb |
| Arsenic | 75-2 | -0.03 | -0.02 | -0.03 | -0.02 | | ppb |
| Barium | 135-1 | 0.01 | 0.01 | 0.00 | 0.01 | 104.77 | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | 405.73 | ppb |
| Beryllium | 9-1 | 0.01 | -0.01 | 0.01 | 0.00 | 200.76 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.01 | -0.03 | 0.03 | 0.00 | | ppb |
| Cadmium | 106-1 | 0.91 | -0.03 | -0.33 | 0.19 | 349.74 | ppb |
| Cadmium | 111-1 | 0.02 | 0.00 | -0.01 | 0.00 | 419.89 | ppb |
| Calcium | 43-1 | 1.88 | 2.08 | 0.31 | 1.42 | 68.28 | ppb |
| Calcium | 44-1 | 1.15 | 0.81 | 0.99 | 0.98 | 17.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.13 | -0.16 | -0.16 | -0.15 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | 0.00 | -0.01 | | ppb |
| Copper | 63-2 | 0.02 | 0.04 | 0.02 | 0.03 | 49.30 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | -0.46 | -0.35 | -0.40 | -0.40 | | ppb |
| Iron | 57-2 | -1.38 | -0.90 | -0.36 | -0.88 | | ppb |
| Iron | 54-2 | -0.95 | -0.90 | -0.76 | -0.87 | | ppb |
| Krypton | 83-1 | | | | | | cps |

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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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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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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
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.75 | 1.77 | 1.83 | 1.78 | 2.24 | ppb |
| Vanadium | 51-2 | 10.47 | 10.48 | 10.44 | 10.46 | 0.21 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 10.93 | 11.09 | 10.85 | 10.95 | 1.14 | ppb |
| Zirconium | 90-1 | 1.94 | 2.01 | 2.01 | 1.99 | 2.09 | ppb |
| Zirconium | 91-1 | 1.89 | 1.99 | 2.03 | 1.97 | 3.69 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25593.29 | 25697.68 | 25858.35 | 25716.44 | 0.52 | ppb |
| Antimony | 121-1 | 0.18 | 0.19 | 0.18 | 0.18 | 2.69 | ppb |
| Arsenic | 75-2 | 7.68 | 8.32 | 7.74 | 7.91 | 4.45 | ppb |
| Barium | 135-1 | 97.99 | 98.26 | 101.42 | 99.22 | 1.92 | ppb |
| Barium | 137-1 | 98.85 | 99.87 | 101.89 | 100.20 | 1.54 | ppb |
| Beryllium | 9-1 | 0.99 | 0.98 | 1.03 | 1.00 | 2.26 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.80 | 0.62 | 0.63 | 0.68 | 14.75 | ppb |
| Cadmium | 106-1 | 1.52 | 1.72 | 1.79 | 1.68 | 8.56 | ppb |
| Cadmium | 111-1 | 0.30 | 0.33 | 0.34 | 0.32 | 6.06 | ppb |
| Calcium | 43-1 | 12754.07 | 12753.86 | 12807.85 | 12771.93 | 0.24 | ppb |
| Calcium | 44-1 | 12523.71 | 12421.21 | 12459.10 | 12468.01 | 0.42 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30.04 | 29.94 | 30.01 | 29.99 | 0.17 | ppb |
| Cobalt | 59-2 | 31.78 | 31.67 | 31.77 | 31.74 | 0.20 | ppb |
| Copper | 63-2 | 92.59 | 91.97 | 93.14 | 92.57 | 0.63 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 51165.75 | 50622.21 | 51226.54 | 51004.83 | 0.65 | ppb |
| Iron | 57-2 | 50659.70 | 50382.99 | 50162.07 | 50401.59 | 0.49 | ppb |
| Iron | 54-2 | 51383.64 | 50652.53 | 51289.67 | 51108.61 | 0.78 | ppb |
| Krypton | 83-1 | | | | | | cps |

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 |

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Inst Id :P7

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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:31:20 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:31:20 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 92.90 | 94.08 | 94.93 | 93.97 | 1.08 | ppb |
| Lead | 207-1 | 88.38 | 90.15 | 89.89 | 89.47 | 1.07 | ppb |
| Lead | 208-1 | 92.61 | 94.65 | 94.36 | 93.87 | 1.17 | ppb |
| Lithium | 6-1 | | | | 106 | | % |
| Magnesium | 24-2 | 13054.70 | 13093.38 | 13206.16 | 13118.08 | 0.60 | ppb |
| Manganese | 55-2 | 817.26 | 816.74 | 824.05 | 819.35 | 0.50 | ppb |
| Molybdenum | 94-1 | 9.47 | 10.01 | 9.81 | 9.76 | 2.84 | ppb |
| Molybdenum | 95-1 | 0.75 | 0.74 | 0.74 | 0.74 | 1.17 | ppb |
| Molybdenum | 96-1 | 2.09 | 2.11 | 2.11 | 2.10 | 0.54 | ppb |
| Molybdenum | 97-1 | 0.76 | 0.77 | 0.79 | 0.77 | 1.93 | ppb |
| Molybdenum | 98-1 | 0.71 | 0.76 | 0.76 | 0.74 | 3.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 39.52 | 39.18 | 39.35 | 39.35 | 0.43 | ppb |
| Phosphorus | 31-2 | 764.38 | 752.69 | 720.80 | 745.96 | 3.02 | ppb |
| Potassium | 39-2 | 916.30 | 905.59 | 910.16 | 910.68 | 0.59 | ppb |
| Rhodium | 103-1 | | | | 107 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 108 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 0.91 | 0.64 | 0.30 | 0.62 | 49.34 | ppb |
| Selenium | 77-2 | 5.40 | 6.33 | 5.62 | 5.78 | 8.42 | ppb |
| Selenium | 78-2 | 0.02 | 0.02 | 1.77 | 0.61 | 166.65 | ppb |
| Silicon | 28-1 | 388.59 | 374.63 | 382.11 | 381.78 | 1.83 | ppb |
| Silver | 107-1 | 0.08 | 0.08 | 0.07 | 0.08 | 5.80 | ppb |
| Silver | 109-1 | 0.07 | 0.08 | 0.08 | 0.08 | 3.65 | ppb |
| Sodium | 23-2 | 239.41 | 239.22 | 242.17 | 240.27 | 0.69 | ppb |
| Strontium | 86-1 | 1735.05 | 1750.66 | 1738.95 | 1741.56 | 0.47 | ppb |
| Strontium | 88-1 | 1777.90 | 1783.13 | 1801.68 | 1787.57 | 0.70 | ppb |
| Sulfur | 34-1 | -725.68 | -812.62 | -809.36 | -782.55 | | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.14 | 0.14 | 0.15 | 0.14 | 6.26 | ppb |
| Thallium | 205-1 | 0.15 | 0.15 | 0.15 | 0.15 | 2.54 | ppb |
| Tin | 118-1 | 1.76 | 1.83 | 1.85 | 1.81 | 2.84 | ppb |
| Titanium | 47-1 | 239.11 | 239.16 | 240.38 | 239.55 | 0.30 | ppb |

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Inst Id :P7

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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 | 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 |

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Inst Id :P7

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

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Inst Id :P7

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:37:49 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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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On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:37:49 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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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On:12/30/2024 3:28:46 AM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:37:49 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.93 | 0.93 | 0.95 | 0.94 | 1.25 | ppb |
| Vanadium | 51-2 | 213.74 | 214.37 | 213.45 | 213.86 | 0.22 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 213.17 | 214.81 | 213.74 | 213.91 | 0.39 | ppb |
| Zirconium | 90-1 | 4.91 | 4.97 | 5.03 | 4.97 | 1.24 | ppb |
| Zirconium | 91-1 | 4.97 | 5.24 | 5.27 | 5.16 | 3.25 | ppb |

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

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

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

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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 |

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 | 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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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 | 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 |

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 | 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 |

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 | 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3038.51 | 3300.60 | 3337.21 | 3225.44 | 5.05 | ppb |
| Lead | 207-1 | 3004.70 | 3240.62 | 3227.93 | 3157.75 | 4.20 | ppb |
| Lead | 208-1 | 2997.84 | 3262.90 | 3267.93 | 3176.22 | 4.86 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 6319.15 | 6303.40 | 6257.22 | 6293.26 | 0.51 | ppb |
| Manganese | 55-2 | 759.91 | 750.09 | 756.39 | 755.46 | 0.66 | ppb |
| Molybdenum | 94-1 | 328.69 | 359.26 | 354.18 | 347.37 | 4.72 | ppb |
| Molybdenum | 95-1 | 368.12 | 394.92 | 399.49 | 387.51 | 4.37 | ppb |
| Molybdenum | 96-1 | 368.42 | 393.81 | 392.28 | 384.84 | 3.70 | ppb |
| Molybdenum | 97-1 | 365.10 | 401.47 | 396.37 | 387.64 | 5.08 | ppb |
| Molybdenum | 98-1 | 366.22 | 396.04 | 391.08 | 384.45 | 4.16 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 174.06 | 173.98 | 171.86 | 173.30 | 0.72 | ppb |
| Phosphorus | 31-2 | 1004.58 | 964.80 | 983.08 | 984.15 | 2.02 | ppb |
| Potassium | 39-2 | 3379.73 | 3347.17 | 3296.52 | 3341.14 | 1.25 | ppb |
| Rhodium | 103-1 | | | | 108 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 109 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 210.84 | 224.08 | 225.76 | 220.23 | 3.71 | ppb |
| Selenium | 77-2 | 230.75 | 233.46 | 227.47 | 230.56 | 1.30 | ppb |
| Selenium | 78-2 | 230.96 | 243.90 | 235.40 | 236.75 | 2.78 | ppb |
| Silicon | 28-1 | 1468.08 | 1492.34 | 1544.08 | 1501.50 | 2.59 | ppb |
| Silver | 107-1 | 14.28 | 15.67 | 15.80 | 15.25 | 5.51 | ppb |
| Silver | 109-1 | 14.39 | 15.54 | 15.61 | 15.18 | 4.53 | ppb |
| Sodium | 23-2 | 11088.09 | 10996.30 | 10939.49 | 11007.96 | 0.68 | ppb |
| Strontium | 86-1 | 5019.30 | 5436.10 | 5405.40 | 5286.93 | 4.39 | ppb |
| Strontium | 88-1 | 5141.85 | 5557.45 | 5577.09 | 5425.46 | 4.53 | ppb |
| Sulfur | 34-1 | 3140.07 | 3847.57 | 3832.45 | 3606.69 | 11.21 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 166.10 | 183.80 | 180.96 | 176.95 | 5.37 | ppb |
| Thallium | 205-1 | 165.39 | 181.19 | 184.15 | 176.91 | 5.70 | ppb |
| Tin | 118-1 | 448.41 | 492.02 | 492.06 | 477.50 | 5.28 | ppb |
| Titanium | 47-1 | 614.13 | 679.27 | 684.15 | 659.18 | 5.93 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.85 | 4.24 | 4.22 | 4.10 | 5.36 | ppb |
| Vanadium | 51-2 | 141.65 | 141.27 | 140.01 | 140.98 | 0.61 | ppb |
| Yttrium | 89-1 | | | | 114 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 10931.66 | 10857.16 | 10918.96 | 10902.59 | 0.37 | ppb |
| Zirconium | 90-1 | 15.17 | 16.64 | 16.61 | 16.14 | 5.21 | ppb |
| Zirconium | 91-1 | 19.83 | 18.00 | 18.04 | 18.63 | 5.62 | ppb |

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

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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35.09 | 35.13 | 35.49 | 35.24 | 0.63 | ppb |
| Lead | 207-1 | 31.84 | 31.66 | 32.50 | 32.00 | 1.37 | ppb |
| Lead | 208-1 | 33.00 | 33.21 | 33.70 | 33.30 | 1.09 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 34486.85 | 34598.46 | 34526.89 | 34537.40 | 0.16 | ppb |
| Manganese | 55-2 | 929.93 | 928.87 | 945.76 | 934.85 | 1.01 | ppb |
| Molybdenum | 94-1 | 13.73 | 14.22 | 14.09 | 14.01 | 1.78 | ppb |
| Molybdenum | 95-1 | 2.63 | 2.72 | 2.73 | 2.69 | 1.95 | ppb |
| Molybdenum | 96-1 | 4.25 | 4.27 | 4.30 | 4.27 | 0.58 | ppb |
| Molybdenum | 97-1 | 2.69 | 2.76 | 2.77 | 2.74 | 1.62 | ppb |
| Molybdenum | 98-1 | 2.65 | 2.75 | 2.73 | 2.71 | 1.87 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 70.74 | 70.81 | 71.21 | 70.92 | 0.36 | ppb |
| Phosphorus | 31-2 | 1028.46 | 1028.83 | 990.21 | 1015.83 | 2.18 | ppb |
| Potassium | 39-2 | 3328.70 | 3338.72 | 3343.87 | 3337.10 | 0.23 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 1.18 | 0.60 | 0.83 | 0.87 | 33.58 | ppb |
| Selenium | 77-2 | 7.82 | 8.63 | 8.28 | 8.24 | 4.94 | ppb |
| Selenium | 78-2 | 1.12 | 1.34 | 1.58 | 1.35 | 17.12 | ppb |
| Silicon | 28-1 | 217.15 | 251.32 | 265.94 | 244.80 | 10.23 | ppb |
| Silver | 107-1 | 0.14 | 0.13 | 0.14 | 0.13 | 4.16 | ppb |
| Silver | 109-1 | 0.13 | 0.14 | 0.13 | 0.13 | 4.95 | ppb |
| Sodium | 23-2 | 257.56 | 253.37 | 256.43 | 255.79 | 0.85 | ppb |
| Strontium | 86-1 | 2952.06 | 3003.44 | 3009.02 | 2988.17 | 1.05 | ppb |
| Strontium | 88-1 | 3050.22 | 3052.64 | 3049.17 | 3050.68 | 0.06 | ppb |
| Sulfur | 34-1 | 1081.64 | 1258.68 | 1287.34 | 1209.22 | 9.21 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.38 | 0.37 | 0.40 | 0.39 | 3.64 | ppb |
| Thallium | 205-1 | 0.39 | 0.40 | 0.39 | 0.39 | 1.16 | ppb |
| Tin | 118-1 | 1.03 | 0.99 | 1.00 | 1.01 | 2.29 | ppb |
| Titanium | 47-1 | 236.37 | 240.70 | 236.74 | 237.93 | 1.01 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.66 | 1.71 | 1.75 | 1.71 | 2.68 | ppb |
| Vanadium | 51-2 | 52.97 | 53.74 | 53.59 | 53.43 | 0.77 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 157.40 | 156.44 | 156.37 | 156.74 | 0.37 | ppb |
| Zirconium | 90-1 | 6.31 | 6.44 | 6.48 | 6.41 | 1.43 | ppb |
| Zirconium | 91-1 | 6.52 | 6.50 | 6.56 | 6.53 | 0.43 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4433.87 | 4387.28 | 4437.57 | 4419.58 | 0.63 | ppb |
| Antimony | 121-1 | 0.15 | 0.14 | 0.14 | 0.14 | 3.95 | ppb |
| Arsenic | 75-2 | 3.65 | 3.49 | 3.18 | 3.44 | 6.87 | ppb |
| Barium | 135-1 | 49.89 | 50.33 | 49.54 | 49.92 | 0.80 | ppb |
| Barium | 137-1 | 50.66 | 51.31 | 50.72 | 50.90 | 0.71 | ppb |
| Beryllium | 9-1 | 0.25 | 0.26 | 0.31 | 0.27 | 10.15 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.16 | 0.15 | 0.20 | 0.17 | 17.54 | ppb |
| Cadmium | 106-1 | 0.55 | 0.24 | 0.40 | 0.40 | 38.29 | ppb |
| Cadmium | 111-1 | 0.11 | 0.11 | 0.10 | 0.11 | 1.33 | ppb |
| Calcium | 43-1 | 18686.23 | 18611.37 | 18528.62 | 18608.74 | 0.42 | ppb |
| Calcium | 44-1 | 18237.19 | 18243.64 | 18273.21 | 18251.35 | 0.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8.85 | 9.04 | 8.88 | 8.92 | 1.12 | ppb |
| Cobalt | 59-2 | 5.89 | 5.75 | 5.76 | 5.80 | 1.35 | ppb |
| Copper | 63-2 | 10.30 | 10.25 | 10.36 | 10.30 | 0.57 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 11327.09 | 11034.00 | 11087.67 | 11149.59 | 1.40 | ppb |
| Iron | 57-2 | 11295.00 | 11085.45 | 11122.91 | 11167.79 | 1.00 | ppb |
| Iron | 54-2 | 11352.69 | 11215.50 | 11219.83 | 11262.67 | 0.69 | ppb |
| Krypton | 83-1 | | | | | | cps |

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

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

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 | 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 |

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 | 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 |

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 | 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 |

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 | 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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:08:43 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 370.04 | 376.95 | 371.04 | 372.68 | 1.00 | ppb |
| Lead | 207-1 | 362.28 | 368.78 | 370.52 | 367.19 | 1.18 | ppb |
| Lead | 208-1 | 363.93 | 369.30 | 367.20 | 366.81 | 0.74 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 5644.75 | 5595.23 | 5692.74 | 5644.24 | 0.86 | ppb |
| Manganese | 55-2 | 273.62 | 276.30 | 276.53 | 275.48 | 0.59 | ppb |
| Molybdenum | 94-1 | 10.59 | 10.90 | 11.02 | 10.84 | 2.05 | ppb |
| Molybdenum | 95-1 | 6.54 | 6.73 | 6.51 | 6.59 | 1.86 | ppb |
| Molybdenum | 96-1 | 7.35 | 7.34 | 7.40 | 7.36 | 0.40 | ppb |
| Molybdenum | 97-1 | 6.72 | 6.78 | 6.71 | 6.74 | 0.53 | ppb |
| Molybdenum | 98-1 | 6.57 | 6.74 | 6.71 | 6.67 | 1.35 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 22.24 | 22.36 | 22.67 | 22.42 | 1.00 | ppb |
| Phosphorus | 31-2 | 899.45 | 923.03 | 916.40 | 912.96 | 1.33 | ppb |
| Potassium | 39-2 | 2174.39 | 2189.40 | 2218.23 | 2194.01 | 1.02 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.94 | 1.18 | 0.95 | 1.02 | 13.31 | ppb |
| Selenium | 77-2 | 3.40 | 4.91 | 3.85 | 4.05 | 19.15 | ppb |
| Selenium | 78-2 | 0.61 | 0.28 | -0.67 | 0.07 | 923.67 | ppb |
| Silicon | 28-1 | 271.42 | 288.95 | 246.12 | 268.83 | 8.01 | ppb |
| Silver | 107-1 | 1.52 | 1.53 | 1.51 | 1.52 | 0.69 | ppb |
| Silver | 109-1 | 1.50 | 1.53 | 1.52 | 1.51 | 1.14 | ppb |
| Sodium | 23-2 | 12205.97 | 12208.60 | 12367.16 | 12260.57 | 0.75 | ppb |
| Strontium | 86-1 | 5165.73 | 5236.79 | 5222.14 | 5208.22 | 0.72 | ppb |
| Strontium | 88-1 | 5289.34 | 5407.50 | 5343.45 | 5346.76 | 1.11 | ppb |
| Sulfur | 34-1 | 3834.21 | 3866.38 | 3932.70 | 3877.76 | 1.30 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.24 | 0.24 | 0.24 | 0.24 | 0.38 | ppb |
| Thallium | 205-1 | 0.24 | 0.25 | 0.23 | 0.24 | 4.41 | ppb |
| Tin | 118-1 | 38.56 | 38.54 | 38.01 | 38.37 | 0.81 | ppb |
| Titanium | 47-1 | 514.40 | 518.40 | 515.26 | 516.02 | 0.41 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:08:43 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.37 | 1.38 | 1.37 | 1.37 | 0.67 | ppb |
| Vanadium | 51-2 | 38.40 | 38.61 | 39.07 | 38.69 | 0.89 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 1746.96 | 1762.21 | 1755.25 | 1754.81 | 0.44 | ppb |
| Zirconium | 90-1 | 2.95 | 3.04 | 2.96 | 2.98 | 1.69 | ppb |
| Zirconium | 91-1 | 3.20 | 3.09 | 3.12 | 3.14 | 1.90 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:11:51 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1620.85 | 1614.60 | 1608.61 | 1614.69 | 0.38 | ppb |
| Antimony | 121-1 | 26.95 | 27.03 | 26.82 | 26.93 | 0.39 | ppb |
| Arsenic | 75-2 | 44.51 | 44.52 | 43.79 | 44.28 | 0.95 | ppb |
| Barium | 135-1 | 20.28 | 20.33 | 19.99 | 20.20 | 0.92 | ppb |
| Barium | 137-1 | 20.62 | 20.82 | 20.36 | 20.60 | 1.11 | ppb |
| Beryllium | 9-1 | 0.02 | 0.04 | 0.07 | 0.04 | 61.05 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.25 | 0.37 | 0.43 | 0.35 | 26.68 | ppb |
| Cadmium | 106-1 | 0.63 | 0.68 | -0.53 | 0.26 | 262.00 | ppb |
| Cadmium | 111-1 | 0.29 | 0.28 | 0.27 | 0.28 | 3.83 | ppb |
| Calcium | 43-1 | 5893.57 | 5898.26 | 5964.41 | 5918.75 | 0.67 | ppb |
| Calcium | 44-1 | 5765.13 | 5817.51 | 5716.91 | 5766.51 | 0.87 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5.57 | 5.53 | 5.61 | 5.57 | 0.73 | ppb |
| Cobalt | 59-2 | 6.92 | 6.91 | 6.93 | 6.92 | 0.20 | ppb |
| Copper | 63-2 | 101.63 | 102.06 | 101.95 | 101.88 | 0.22 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 6552.49 | 6575.72 | 6602.21 | 6576.81 | 0.38 | ppb |
| Iron | 57-2 | 6577.75 | 6560.60 | 6590.66 | 6576.34 | 0.23 | ppb |
| Iron | 54-2 | 6796.91 | 6651.35 | 6682.30 | 6710.19 | 1.14 | ppb |
| Krypton | 83-1 | | | | | | cps |

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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 | 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 |

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 : | P5363-06LX5 | 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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On:12/30/2024 3:28:46 AM
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 |
|---|---|---|---|---|---|---|---|
| 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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|---|---|---|---|
| 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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| | | | |
|---|---|---|---|
| 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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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 |

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:18:14 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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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 |

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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 |

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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 |

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

Reviewed By:Mohan
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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 |

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

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 | 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 |

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 | 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 |

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

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

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

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

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

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 | 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 |

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 | 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 |

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 | 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:44:12 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:47:32 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19.93 | 20.00 | 19.70 | 19.88 | 0.78 | ppb |
| Lead | 207-1 | 19.13 | 19.80 | 19.22 | 19.38 | 1.89 | ppb |
| Lead | 208-1 | 19.56 | 19.83 | 19.42 | 19.60 | 1.06 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 26.83 | 25.62 | 27.09 | 26.52 | 2.96 | ppb |
| Manganese | 55-2 | 515.63 | 502.19 | 522.75 | 513.52 | 2.03 | ppb |
| Molybdenum | 94-1 | 0.48 | 0.49 | 0.50 | 0.49 | 1.68 | ppb |
| Molybdenum | 95-1 | 0.55 | 0.56 | 0.53 | 0.55 | 3.17 | ppb |
| Molybdenum | 96-1 | 0.48 | 0.52 | 0.54 | 0.51 | 5.43 | ppb |
| Molybdenum | 97-1 | 0.56 | 0.53 | 0.53 | 0.54 | 3.40 | ppb |
| Molybdenum | 98-1 | 0.54 | 0.57 | 0.54 | 0.55 | 2.76 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 531.86 | 532.14 | 534.95 | 532.98 | 0.32 | ppb |
| Phosphorus | 31-2 | 27.24 | 23.07 | 27.57 | 25.96 | 9.65 | ppb |
| Potassium | 39-2 | 20.10 | 19.34 | 20.71 | 20.05 | 3.44 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 107.44 | 106.95 | 109.04 | 107.81 | 1.01 | ppb |
| Selenium | 77-2 | 110.40 | 111.71 | 107.35 | 109.82 | 2.04 | ppb |
| Selenium | 78-2 | 111.56 | 109.34 | 106.13 | 109.01 | 2.50 | ppb |
| Silicon | 28-1 | 6.81 | 7.49 | 8.66 | 7.65 | 12.21 | ppb |
| Silver | 107-1 | 52.21 | 53.63 | 53.25 | 53.03 | 1.39 | ppb |
| Silver | 109-1 | 52.20 | 52.99 | 52.52 | 52.57 | 0.75 | ppb |
| Sodium | 23-2 | 143.45 | 146.03 | 147.47 | 145.65 | 1.40 | ppb |
| Strontium | 86-1 | 8.89 | 9.43 | 9.24 | 9.19 | 3.00 | ppb |
| Strontium | 88-1 | 9.69 | 9.41 | 9.66 | 9.59 | 1.62 | ppb |
| Sulfur | 34-1 | -533.00 | -523.38 | -538.75 | -531.71 | | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 48.26 | 49.15 | 47.23 | 48.22 | 1.99 | ppb |
| Thallium | 205-1 | 48.06 | 49.20 | 47.89 | 48.39 | 1.47 | ppb |
| Tin | 118-1 | 0.30 | 0.30 | 0.27 | 0.29 | 5.23 | ppb |
| Titanium | 47-1 | 0.67 | 0.61 | 0.73 | 0.67 | 8.40 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:47:32 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 18.96 | ppb |
| Vanadium | 51-2 | 517.13 | 522.29 | 529.95 | 523.12 | 1.23 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 531.05 | 530.35 | 540.42 | 533.94 | 1.05 | ppb |
| Zirconium | 90-1 | 0.05 | 0.05 | 0.03 | 0.04 | 33.72 | ppb |
| Zirconium | 91-1 | 0.06 | 0.06 | 0.06 | 0.06 | 4.41 | ppb |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5254-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:50:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.02 | 3.15 | 3.39 | 3.19 | 5.90 | ppb |
| Antimony | 121-1 | 0.04 | 0.04 | 0.03 | 0.04 | 15.87 | ppb |
| Arsenic | 75-2 | -0.01 | -0.01 | 0.01 | 0.00 | | ppb |
| Barium | 135-1 | 0.65 | 0.49 | 0.37 | 0.51 | 28.05 | ppb |
| Barium | 137-1 | 0.68 | 0.56 | 0.36 | 0.53 | 29.86 | ppb |
| Beryllium | 9-1 | 0.00 | 0.03 | 0.02 | 0.02 | 70.79 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.01 | 0.05 | -0.01 | 0.01 | 434.58 | ppb |
| Cadmium | 106-1 | -0.25 | -0.83 | -0.73 | -0.60 | | ppb |
| Cadmium | 111-1 | 0.02 | -0.01 | 0.00 | 0.00 | 2745.33 | ppb |
| Calcium | 43-1 | 15.65 | 17.81 | 17.09 | 16.85 | 6.52 | ppb |
| Calcium | 44-1 | 17.40 | 17.30 | 17.49 | 17.40 | 0.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.21 | 0.13 | 0.20 | 0.18 | 22.39 | ppb |
| Cobalt | 59-2 | 0.04 | 0.02 | 0.02 | 0.03 | 36.86 | ppb |
| Copper | 63-2 | 0.10 | 0.07 | 0.09 | 0.09 | 16.26 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 7.15 | 6.93 | 6.95 | 7.01 | 1.75 | ppb |
| Iron | 57-2 | 6.79 | 5.26 | 5.77 | 5.94 | 13.15 | ppb |
| Iron | 54-2 | 7.70 | 5.93 | 8.32 | 7.31 | 16.94 | ppb |
| Krypton | 83-1 | | | | | | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5254-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:50:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.07 | 0.09 | 0.09 | 0.08 | 9.57 | ppb |
| Lead | 207-1 | 0.08 | 0.08 | 0.08 | 0.08 | 4.75 | ppb |
| Lead | 208-1 | 0.08 | 0.09 | 0.08 | 0.08 | 3.40 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 3.20 | 3.09 | 2.55 | 2.95 | 11.86 | ppb |
| Manganese | 55-2 | 1.09 | 1.06 | 1.04 | 1.06 | 2.37 | ppb |
| Molybdenum | 94-1 | 0.01 | -0.01 | 0.01 | 0.00 | 632.83 | ppb |
| Molybdenum | 95-1 | -0.01 | 0.00 | 0.01 | 0.00 | 907.20 | ppb |
| Molybdenum | 96-1 | 0.00 | 0.01 | 0.01 | 0.00 | 143.01 | ppb |
| Molybdenum | 97-1 | 0.01 | 0.00 | 0.00 | 0.00 | 219.65 | ppb |
| Molybdenum | 98-1 | 0.01 | 0.00 | 0.00 | 0.01 | 58.97 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.17 | 0.14 | 0.17 | 0.16 | 11.43 | ppb |
| Phosphorus | 31-2 | -17.54 | -14.49 | -14.90 | -15.64 | | ppb |
| Potassium | 39-2 | 0.75 | -0.32 | 2.08 | 0.83 | 144.37 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 0.52 | 0.13 | 0.13 | 0.26 | 87.30 | ppb |
| Selenium | 77-2 | 0.32 | 0.00 | 0.00 | 0.11 | 173.21 | ppb |
| Selenium | 78-2 | -0.20 | -0.34 | 0.33 | -0.07 | | ppb |
| Silicon | 28-1 | -2.49 | -1.98 | -1.88 | -2.12 | | ppb |
| Silver | 107-1 | 0.03 | 0.03 | 0.02 | 0.03 | 30.36 | ppb |
| Silver | 109-1 | 0.03 | 0.03 | 0.02 | 0.03 | 16.94 | ppb |
| Sodium | 23-2 | 26.98 | 26.11 | 27.42 | 26.84 | 2.48 | ppb |
| Strontium | 86-1 | 0.51 | 0.41 | 0.37 | 0.43 | 17.16 | ppb |
| Strontium | 88-1 | 0.76 | 0.72 | 0.73 | 0.74 | 2.46 | ppb |
| Sulfur | 34-1 | -569.65 | -487.05 | -434.14 | -496.95 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.01 | 0.00 | 0.00 | 0.00 | 174.56 | ppb |
| Thallium | 205-1 | 0.01 | 0.01 | 0.00 | 0.01 | 97.46 | ppb |
| Tin | 118-1 | 0.15 | 0.69 | 0.15 | 0.33 | 94.92 | ppb |
| Titanium | 47-1 | 0.04 | 0.08 | 0.04 | 0.05 | 44.99 | ppb |

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Inst Id :P7

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

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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 | 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 |

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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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.00 | 3.15 | 3.01 | 3.05 | 2.70 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 2.89 | ppb |
| Arsenic | 75-2 | 0.01 | 0.00 | 0.02 | 0.01 | 91.72 | ppb |
| Barium | 135-1 | 0.03 | 0.05 | 0.04 | 0.04 | 14.25 | ppb |
| Barium | 137-1 | 0.06 | 0.04 | 0.04 | 0.05 | 18.22 | ppb |
| Beryllium | 9-1 | -0.01 | 0.00 | 0.02 | 0.00 | 1460.31 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.02 | 0.00 | 0.03 | 0.02 | 91.49 | ppb |
| Cadmium | 106-1 | -0.97 | -1.11 | -1.60 | -1.22 | | ppb |
| Cadmium | 111-1 | -0.01 | -0.02 | -0.03 | -0.02 | | ppb |
| Calcium | 43-1 | 19.07 | 20.59 | 20.50 | 20.05 | 4.26 | ppb |
| Calcium | 44-1 | 20.69 | 21.17 | 20.13 | 20.67 | 2.50 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.18 | 0.22 | 0.15 | 0.18 | 20.04 | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.24 | 0.27 | 0.26 | 0.26 | 5.93 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 5.66 | 5.72 | 5.78 | 5.72 | 1.06 | ppb |
| Iron | 57-2 | 4.50 | 4.87 | 3.48 | 4.28 | 16.79 | ppb |
| Iron | 54-2 | 5.48 | 6.16 | 5.60 | 5.74 | 6.34 | ppb |
| Krypton | 83-1 | | | | | | cps |

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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 |

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

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

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

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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 |

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Inst Id :P7

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

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Inst Id :P7

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

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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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-16 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:10:36 | DataFile Name : | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.08 | 0.09 | 0.09 | 0.09 | 7.94 | ppb |
| Lead | 207-1 | 0.08 | 0.07 | 0.08 | 0.08 | 7.72 | ppb |
| Lead | 208-1 | 0.08 | 0.09 | 0.09 | 0.09 | 8.62 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 1613.31 | 1605.80 | 1606.62 | 1608.58 | 0.26 | ppb |
| Manganese | 55-2 | 0.43 | 0.46 | 0.43 | 0.44 | 3.41 | ppb |
| Molybdenum | 94-1 | 0.00 | 0.03 | 0.01 | 0.01 | 100.23 | ppb |
| Molybdenum | 95-1 | 0.02 | 0.02 | 0.01 | 0.02 | 16.71 | ppb |
| Molybdenum | 96-1 | 0.01 | 0.02 | 0.02 | 0.02 | 23.82 | ppb |
| Molybdenum | 97-1 | 0.01 | 0.02 | 0.02 | 0.02 | 31.02 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.02 | 0.02 | 15.49 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.42 | 0.47 | 0.49 | 0.46 | 7.82 | ppb |
| Phosphorus | 31-2 | -12.66 | -11.60 | -15.89 | -13.38 | | ppb |
| Potassium | 39-2 | 550.46 | 547.79 | 546.01 | 548.09 | 0.41 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 0.36 | 0.18 | 0.09 | 0.21 | 66.62 | ppb |
| Selenium | 77-2 | 0.16 | 0.00 | 0.00 | 0.05 | 173.21 | ppb |
| Selenium | 78-2 | 0.38 | -1.16 | -1.09 | -0.63 | | ppb |
| Silicon | 28-1 | -2.66 | -1.68 | -1.32 | -1.89 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 57.05 | ppb |
| Sodium | 23-2 | 14467.86 | 14462.34 | 14392.29 | 14440.83 | 0.29 | ppb |
| Strontium | 86-1 | 236.37 | 253.29 | 247.42 | 245.69 | 3.50 | ppb |
| Strontium | 88-1 | 234.35 | 249.65 | 247.53 | 243.85 | 3.40 | ppb |
| Sulfur | 34-1 | 991.84 | 1260.07 | 1343.37 | 1198.43 | 15.33 | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | -0.01 | -0.01 | -0.02 | -0.01 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.06 | 0.05 | 0.05 | 0.05 | 13.10 | ppb |
| Titanium | 47-1 | 0.16 | 0.15 | 0.14 | 0.15 | 7.13 | ppb |

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Inst Id :P7

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

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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 | 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 |

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

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

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

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5487.90 | 5472.27 | 5410.39 | 5456.85 | 0.75 | ppb |
| Antimony | 121-1 | 43.37 | 44.16 | 44.09 | 43.87 | 1.00 | ppb |
| Arsenic | 75-2 | 183.26 | 182.46 | 182.32 | 182.68 | 0.28 | ppb |
| Barium | 135-1 | 80.43 | 83.30 | 81.40 | 81.71 | 1.79 | ppb |
| Barium | 137-1 | 82.61 | 84.00 | 83.12 | 83.24 | 0.84 | ppb |
| Beryllium | 9-1 | 0.16 | 0.20 | 0.23 | 0.20 | 17.04 | ppb |
| Bismuth | 209-1 | | | | 113 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.55 | 1.69 | 1.56 | 1.60 | 4.71 | ppb |
| Cadmium | 106-1 | 1.43 | 0.97 | 0.63 | 1.01 | 39.81 | ppb |
| Cadmium | 111-1 | 1.23 | 1.27 | 1.19 | 1.23 | 2.93 | ppb |
| Calcium | 43-1 | 69564.14 | 71626.74 | 70550.24 | 70580.38 | 1.46 | ppb |
| Calcium | 44-1 | 69098.30 | 70748.41 | 70735.26 | 70193.99 | 1.35 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 17.98 | 18.14 | 17.84 | 17.99 | 0.84 | ppb |
| Cobalt | 59-2 | 29.67 | 29.95 | 29.81 | 29.81 | 0.47 | ppb |
| Copper | 63-2 | 366.63 | 370.01 | 366.70 | 367.78 | 0.52 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 24009.72 | 23906.09 | 23888.08 | 23934.63 | 0.27 | ppb |
| Iron | 57-2 | 24513.50 | 24257.95 | 23986.42 | 24252.63 | 1.09 | ppb |
| Iron | 54-2 | 24200.38 | 23986.82 | 24003.84 | 24063.68 | 0.49 | ppb |
| Krypton | 83-1 | | | | | | cps |

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

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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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Inst Id :P7

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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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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 | 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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Inst Id :P7

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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

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

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 | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 839.13 | 872.91 | 868.58 | 860.21 | 2.14 | ppb |
| Lead | 207-1 | 842.12 | 866.86 | 853.71 | 854.23 | 1.45 | ppb |
| Lead | 208-1 | 837.93 | 863.74 | 853.73 | 851.80 | 1.53 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 7891.63 | 7957.49 | 7870.23 | 7906.45 | 0.58 | ppb |
| Manganese | 55-2 | 468.11 | 469.67 | 472.44 | 470.07 | 0.47 | ppb |
| Molybdenum | 94-1 | 52.20 | 53.73 | 53.67 | 53.20 | 1.63 | ppb |
| Molybdenum | 95-1 | 55.11 | 56.50 | 56.68 | 56.10 | 1.53 | ppb |
| Molybdenum | 96-1 | 55.68 | 57.15 | 57.19 | 56.67 | 1.52 | ppb |
| Molybdenum | 97-1 | 55.86 | 57.18 | 56.96 | 56.67 | 1.25 | ppb |
| Molybdenum | 98-1 | 55.58 | 56.73 | 57.01 | 56.44 | 1.34 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 63.32 | 63.46 | 63.75 | 63.51 | 0.34 | ppb |
| Phosphorus | 31-2 | 939.21 | 968.04 | 965.20 | 957.48 | 1.66 | ppb |
| Potassium | 39-2 | 2558.37 | 2550.16 | 2532.86 | 2547.13 | 0.51 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 1.51 | 1.35 | 1.43 | 1.43 | 5.77 | ppb |
| Selenium | 77-2 | 3.83 | 3.41 | 6.33 | 4.52 | 34.93 | ppb |
| Selenium | 78-2 | 0.58 | 0.31 | 0.48 | 0.46 | 30.50 | ppb |
| Silicon | 28-1 | 270.43 | 278.71 | 326.02 | 291.72 | 10.28 | ppb |
| Silver | 107-1 | 1.57 | 1.61 | 1.68 | 1.62 | 3.58 | ppb |
| Silver | 109-1 | 1.54 | 1.56 | 1.62 | 1.57 | 2.39 | ppb |
| Sodium | 23-2 | 7175.86 | 7160.47 | 7160.72 | 7165.68 | 0.12 | ppb |
| Strontium | 86-1 | 1245.25 | 1278.17 | 1274.86 | 1266.09 | 1.43 | ppb |
| Strontium | 88-1 | 1287.52 | 1303.30 | 1316.09 | 1302.30 | 1.10 | ppb |
| Sulfur | 34-1 | 891.63 | 941.19 | 811.18 | 881.33 | 7.44 | ppb |
| Terbium | 159-1 | | | | 111 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.72 | 0.74 | 0.72 | 0.73 | 1.95 | ppb |
| Thallium | 205-1 | 0.71 | 0.76 | 0.72 | 0.73 | 3.72 | ppb |
| Tin | 118-1 | 141.42 | 148.56 | 153.16 | 147.71 | 4.00 | ppb |
| Titanium | 47-1 | 357.56 | 372.84 | 372.41 | 367.60 | 2.37 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:29:41 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.19 | 1.22 | 1.21 | 1.21 | 1.28 | ppb |
| Vanadium | 51-2 | 43.08 | 43.10 | 43.31 | 43.16 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 2476.27 | 2505.35 | 2521.98 | 2501.20 | 0.93 | ppb |
| Zirconium | 90-1 | 3.49 | 3.65 | 3.65 | 3.59 | 2.52 | ppb |
| Zirconium | 91-1 | 3.70 | 3.82 | 3.84 | 3.79 | 2.05 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:32:42 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18733.08 | 18592.73 | 18616.81 | 18647.54 | 0.40 | ppb |
| Antimony | 121-1 | 2860.63 | 2944.66 | 2937.31 | 2914.20 | 1.60 | ppb |
| Arsenic | 75-2 | 7998.30 | 7900.85 | 8092.55 | 7997.24 | 1.20 | ppb |
| Barium | 135-1 | 285.38 | 294.36 | 293.54 | 291.09 | 1.71 | ppb |
| Barium | 137-1 | 297.49 | 311.52 | 309.50 | 306.17 | 2.48 | ppb |
| Beryllium | 9-1 | 1.73 | 1.74 | 1.75 | 1.74 | 0.50 | ppb |
| Bismuth | 209-1 | | | | 117 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 21.42 | 20.94 | 20.76 | 21.04 | 1.62 | ppb |
| Cadmium | 106-1 | 20.14 | 19.94 | 19.84 | 19.97 | 0.76 | ppb |
| Cadmium | 111-1 | 12.52 | 12.95 | 12.72 | 12.73 | 1.70 | ppb |
| Calcium | 43-1 | 44778.98 | 45660.29 | 44987.31 | 45142.19 | 1.02 | ppb |
| Calcium | 44-1 | 44163.71 | 45650.47 | 45344.73 | 45052.97 | 1.74 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 171.55 | 170.62 | 172.97 | 171.71 | 0.69 | ppb |
| Cobalt | 59-2 | 259.18 | 260.13 | 264.88 | 261.40 | 1.17 | ppb |
| Copper | 63-2 | 3171.26 | 3133.40 | 3179.73 | 3161.46 | 0.78 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 112 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 130 | | % |
| Indium | 115-2 | | | | 123 | | % |
| Iron | 56-2 | 235945.09 | 234892.41 | 237799.65 | 236212.38 | 0.62 | ppb |
| Iron | 57-2 | 235860.37 | 233309.36 | 236375.24 | 235181.66 | 0.70 | ppb |
| Iron | 54-2 | 235881.57 | 236641.17 | 240846.70 | 237789.81 | 1.12 | ppb |
| Krypton | 83-1 | | | | | | cps |

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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 |
|---|---|---|---|---|---|---|---|
| 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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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9555.08 | 9638.97 | 9445.96 | 9546.67 | 1.01 | ppb |
| Antimony | 121-1 | 517.31 | 520.70 | 521.46 | 519.82 | 0.42 | ppb |
| Arsenic | 75-2 | 685.28 | 692.38 | 676.68 | 684.78 | 1.15 | ppb |
| Barium | 135-1 | 80.58 | 82.44 | 83.06 | 82.02 | 1.57 | ppb |
| Barium | 137-1 | 82.77 | 82.44 | 83.75 | 82.99 | 0.82 | ppb |
| Beryllium | 9-1 | 0.36 | 0.38 | 0.41 | 0.38 | 7.48 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.79 | 2.30 | 2.04 | 2.04 | 12.37 | ppb |
| Cadmium | 106-1 | 2.31 | 2.22 | 1.20 | 1.91 | 32.33 | ppb |
| Cadmium | 111-1 | 1.00 | 1.01 | 1.05 | 1.02 | 2.83 | ppb |
| Calcium | 43-1 | 5562.82 | 5670.33 | 5681.81 | 5638.32 | 1.16 | ppb |
| Calcium | 44-1 | 5295.73 | 5460.31 | 5488.41 | 5414.82 | 1.92 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 33.64 | 33.41 | 33.18 | 33.41 | 0.69 | ppb |
| Cobalt | 59-2 | 41.48 | 41.28 | 41.07 | 41.28 | 0.50 | ppb |
| Copper | 63-2 | 292.64 | 286.95 | 290.69 | 290.09 | 1.00 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 114 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 113 | | % |
| Indium | 115-2 | | | | 107 | | % |
| Iron | 56-2 | 45086.05 | 45150.01 | 44245.46 | 44827.18 | 1.13 | ppb |
| Iron | 57-2 | 44498.77 | 44328.89 | 43820.03 | 44215.90 | 0.80 | ppb |
| Iron | 54-2 | 44991.61 | 45290.31 | 44352.80 | 44878.24 | 1.07 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 620.07 | 637.01 | 643.79 | 633.63 | 1.93 | ppb |
| Lead | 207-1 | 616.08 | 635.45 | 645.39 | 632.31 | 2.36 | ppb |
| Lead | 208-1 | 621.68 | 637.90 | 644.12 | 634.56 | 1.83 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 7789.06 | 7691.76 | 7567.32 | 7682.71 | 1.45 | ppb |
| Manganese | 55-2 | 467.19 | 464.71 | 467.33 | 466.41 | 0.32 | ppb |
| Molybdenum | 94-1 | 20.29 | 20.74 | 20.48 | 20.50 | 1.10 | ppb |
| Molybdenum | 95-1 | 15.18 | 15.78 | 15.68 | 15.55 | 2.06 | ppb |
| Molybdenum | 96-1 | 16.19 | 16.57 | 16.46 | 16.40 | 1.18 | ppb |
| Molybdenum | 97-1 | 15.39 | 15.82 | 15.97 | 15.72 | 1.92 | ppb |
| Molybdenum | 98-1 | 15.36 | 15.80 | 15.77 | 15.64 | 1.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 52.48 | 52.52 | 52.31 | 52.44 | 0.21 | ppb |
| Phosphorus | 31-2 | 1110.96 | 1162.19 | 1123.11 | 1132.09 | 2.36 | ppb |
| Potassium | 39-2 | 2460.67 | 2455.35 | 2424.18 | 2446.74 | 0.81 | ppb |
| Rhodium | 103-1 | | | | 108 | | % |
| Rhodium | 103-2 | | | | 106 | | % |
| Scandium | 45-1 | | | | 105 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 1.07 | 1.14 | 1.45 | 1.22 | 16.64 | ppb |
| Selenium | 77-2 | 4.29 | 3.16 | 2.50 | 3.32 | 27.28 | ppb |
| Selenium | 78-2 | 1.69 | 0.78 | -0.18 | 0.76 | 122.74 | ppb |
| Silicon | 28-1 | 154.00 | 157.67 | 200.62 | 170.76 | 15.18 | ppb |
| Silver | 107-1 | 0.84 | 0.86 | 0.84 | 0.85 | 1.56 | ppb |
| Silver | 109-1 | 0.84 | 0.82 | 0.86 | 0.84 | 1.97 | ppb |
| Sodium | 23-2 | 7344.22 | 7281.72 | 7218.08 | 7281.34 | 0.87 | ppb |
| Strontium | 86-1 | 1119.68 | 1153.63 | 1150.98 | 1141.43 | 1.65 | ppb |
| Strontium | 88-1 | 1137.56 | 1178.57 | 1167.78 | 1161.30 | 1.83 | ppb |
| Sulfur | 34-1 | 555.33 | 583.10 | 628.96 | 589.13 | 6.31 | ppb |
| Terbium | 159-1 | | | | 113 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 0.35 | 0.36 | 0.37 | 0.36 | 2.21 | ppb |
| Thallium | 205-1 | 0.35 | 0.36 | 0.36 | 0.36 | 1.17 | ppb |
| Tin | 118-1 | 101.28 | 102.13 | 103.00 | 102.14 | 0.84 | ppb |
| Titanium | 47-1 | 322.57 | 328.74 | 332.20 | 327.83 | 1.49 | ppb |

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Inst Id :P7

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4397.01 | 4600.58 | 4587.98 | 4528.52 | 2.52 | ppb |
| Lead | 207-1 | 4420.53 | 4598.51 | 4565.04 | 4528.03 | 2.09 | ppb |
| Lead | 208-1 | 4402.65 | 4594.27 | 4564.84 | 4520.59 | 2.28 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 9368.14 | 9317.45 | 9350.79 | 9345.46 | 0.28 | ppb |
| Manganese | 55-2 | 1362.39 | 1350.59 | 1346.68 | 1353.22 | 0.60 | ppb |
| Molybdenum | 94-1 | 122.43 | 127.08 | 125.84 | 125.12 | 1.92 | ppb |
| Molybdenum | 95-1 | 111.37 | 115.61 | 115.14 | 114.04 | 2.04 | ppb |
| Molybdenum | 96-1 | 113.01 | 117.74 | 118.27 | 116.34 | 2.49 | ppb |
| Molybdenum | 97-1 | 112.70 | 116.49 | 116.21 | 115.13 | 1.84 | ppb |
| Molybdenum | 98-1 | 112.17 | 116.59 | 116.46 | 115.07 | 2.19 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 83.41 | 83.42 | 82.92 | 83.25 | 0.34 | ppb |
| Phosphorus | 31-2 | 1157.35 | 1175.33 | 1177.64 | 1170.10 | 0.95 | ppb |
| Potassium | 39-2 | 4464.97 | 4523.33 | 4497.90 | 4495.40 | 0.65 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 4.22 | 4.62 | 4.38 | 4.41 | 4.50 | ppb |
| Selenium | 77-2 | 5.75 | 5.19 | 7.45 | 6.13 | 19.21 | ppb |
| Selenium | 78-2 | 3.72 | 3.37 | 4.78 | 3.96 | 18.50 | ppb |
| Silicon | 28-1 | 739.82 | 791.02 | 771.66 | 767.50 | 3.37 | ppb |
| Silver | 107-1 | 6.61 | 7.02 | 6.88 | 6.84 | 3.01 | ppb |
| Silver | 109-1 | 6.61 | 6.94 | 6.80 | 6.78 | 2.48 | ppb |
| Sodium | 23-2 | 16037.73 | 15811.30 | 15883.15 | 15910.73 | 0.73 | ppb |
| Strontium | 86-1 | 10812.77 | 11419.37 | 11368.36 | 11200.16 | 3.00 | ppb |
| Strontium | 88-1 | 10705.02 | 11165.12 | 11229.73 | 11033.29 | 2.59 | ppb |
| Sulfur | 34-1 | 3313.15 | 3772.19 | 3726.45 | 3603.93 | 7.02 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 1.23 | 1.29 | 1.28 | 1.27 | 2.32 | ppb |
| Thallium | 205-1 | 1.21 | 1.27 | 1.26 | 1.25 | 2.51 | ppb |
| Tin | 118-1 | 790.08 | 831.61 | 808.54 | 810.08 | 2.57 | ppb |
| Titanium | 47-1 | 615.52 | 647.96 | 647.73 | 637.07 | 2.93 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.74 | 3.96 | 3.94 | 3.88 | 3.07 | ppb |
| Vanadium | 51-2 | 53.54 | 52.99 | 53.17 | 53.23 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 15709.63 | 15666.31 | 15563.66 | 15646.54 | 0.48 | ppb |
| Zirconium | 90-1 | 16.22 | 16.99 | 17.06 | 16.76 | 2.78 | ppb |
| Zirconium | 91-1 | 17.22 | 18.24 | 18.07 | 17.84 | 3.04 | ppb |

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

Reviewed By:Mohan
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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 13.51 | 14.54 | 13.32 | 13.79 | 4.73 | ppb |
| Lead | 207-1 | 12.98 | 13.87 | 12.85 | 13.23 | 4.21 | ppb |
| Lead | 208-1 | 13.18 | 14.14 | 13.01 | 13.45 | 4.54 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 4147.38 | 4109.95 | 4137.54 | 4131.62 | 0.47 | ppb |
| Manganese | 55-2 | 390.97 | 399.71 | 386.88 | 392.52 | 1.67 | ppb |
| Molybdenum | 94-1 | 5.50 | 6.05 | 5.34 | 5.63 | 6.61 | ppb |
| Molybdenum | 95-1 | 0.73 | 0.74 | 0.69 | 0.72 | 3.80 | ppb |
| Molybdenum | 96-1 | 1.38 | 1.40 | 1.36 | 1.38 | 1.80 | ppb |
| Molybdenum | 97-1 | 0.74 | 0.81 | 0.73 | 0.76 | 5.25 | ppb |
| Molybdenum | 98-1 | 0.73 | 0.79 | 0.75 | 0.75 | 4.28 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 13.94 | 14.39 | 14.01 | 14.11 | 1.71 | ppb |
| Phosphorus | 31-2 | 1185.73 | 1176.46 | 1176.62 | 1179.60 | 0.45 | ppb |
| Potassium | 39-2 | 1084.68 | 1085.12 | 1081.40 | 1083.73 | 0.19 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.26 | 0.64 | 0.57 | 0.49 | 41.59 | ppb |
| Selenium | 77-2 | 3.46 | 3.48 | 5.59 | 4.18 | 29.31 | ppb |
| Selenium | 78-2 | 1.52 | 0.78 | 0.50 | 0.93 | 56.72 | ppb |
| Silicon | 28-1 | 127.08 | 147.86 | 144.45 | 139.80 | 7.97 | ppb |
| Silver | 107-1 | 0.07 | 0.08 | 0.07 | 0.07 | 10.58 | ppb |
| Silver | 109-1 | 0.07 | 0.08 | 0.07 | 0.08 | 7.80 | ppb |
| Sodium | 23-2 | 7565.99 | 7542.47 | 7605.43 | 7571.30 | 0.42 | ppb |
| Strontium | 86-1 | 859.31 | 885.69 | 828.55 | 857.85 | 3.33 | ppb |
| Strontium | 88-1 | 838.86 | 885.56 | 823.35 | 849.26 | 3.81 | ppb |
| Sulfur | 34-1 | 575.19 | 934.14 | 633.66 | 714.33 | 26.96 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.04 | 0.05 | 0.04 | 0.04 | 17.46 | ppb |
| Thallium | 205-1 | 0.05 | 0.06 | 0.05 | 0.05 | 12.33 | ppb |
| Tin | 118-1 | 1.13 | 1.22 | 1.13 | 1.16 | 4.51 | ppb |
| Titanium | 47-1 | 526.06 | 560.85 | 524.37 | 537.10 | 3.83 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.33 | 0.35 | 0.33 | 0.33 | 3.50 | ppb |
| Vanadium | 51-2 | 45.19 | 45.78 | 45.07 | 45.35 | 0.84 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 48.81 | 48.94 | 49.30 | 49.01 | 0.52 | ppb |
| Zirconium | 90-1 | 2.69 | 2.86 | 2.78 | 2.78 | 3.10 | ppb |
| Zirconium | 91-1 | 2.69 | 2.90 | 2.71 | 2.77 | 4.30 | ppb |

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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 | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5369.47 | 5360.81 | 5300.02 | 5343.44 | 0.71 | ppb |
| Antimony | 121-1 | 4.62 | 4.76 | 4.69 | 4.69 | 1.53 | ppb |
| Arsenic | 75-2 | 23.15 | 23.73 | 23.79 | 23.56 | 1.51 | ppb |
| Barium | 135-1 | 11.47 | 11.70 | 11.97 | 11.71 | 2.12 | ppb |
| Barium | 137-1 | 11.82 | 11.94 | 11.92 | 11.89 | 0.56 | ppb |
| Beryllium | 9-1 | 0.15 | 0.17 | 0.15 | 0.16 | 5.10 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.19 | 0.31 | 0.23 | 0.24 | 23.92 | ppb |
| Cadmium | 106-1 | -0.01 | 0.05 | -0.62 | -0.19 | | ppb |
| Cadmium | 111-1 | 0.11 | 0.09 | 0.08 | 0.09 | 13.36 | ppb |
| Calcium | 43-1 | 3182.68 | 3180.44 | 3231.81 | 3198.31 | 0.91 | ppb |
| Calcium | 44-1 | 3087.27 | 3119.86 | 3191.13 | 3132.75 | 1.70 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 16.31 | 16.31 | 16.36 | 16.33 | 0.17 | ppb |
| Cobalt | 59-2 | 6.96 | 6.85 | 6.87 | 6.89 | 0.81 | ppb |
| Copper | 63-2 | 51.83 | 51.99 | 52.30 | 52.04 | 0.46 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 13589.11 | 13587.04 | 13757.63 | 13644.59 | 0.72 | ppb |
| Iron | 57-2 | 13689.30 | 13571.58 | 13757.39 | 13672.76 | 0.69 | ppb |
| Iron | 54-2 | 13711.47 | 13814.39 | 13805.36 | 13777.07 | 0.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23.15 | 23.13 | 23.54 | 23.27 | 1.01 | ppb |
| Lead | 207-1 | 22.31 | 22.85 | 22.58 | 22.58 | 1.18 | ppb |
| Lead | 208-1 | 22.61 | 22.75 | 22.87 | 22.74 | 0.58 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 4200.91 | 4131.91 | 4162.41 | 4165.07 | 0.83 | ppb |
| Manganese | 55-2 | 154.01 | 152.97 | 154.29 | 153.76 | 0.45 | ppb |
| Molybdenum | 94-1 | 4.23 | 4.33 | 4.30 | 4.29 | 1.15 | ppb |
| Molybdenum | 95-1 | 0.43 | 0.43 | 0.41 | 0.42 | 2.76 | ppb |
| Molybdenum | 96-1 | 0.92 | 0.95 | 0.87 | 0.91 | 4.25 | ppb |
| Molybdenum | 97-1 | 0.40 | 0.42 | 0.42 | 0.41 | 2.17 | ppb |
| Molybdenum | 98-1 | 0.44 | 0.43 | 0.41 | 0.43 | 3.39 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.48 | 18.25 | 17.79 | 18.17 | 1.93 | ppb |
| Phosphorus | 31-2 | 810.39 | 832.94 | 827.81 | 823.71 | 1.43 | ppb |
| Potassium | 39-2 | 1257.90 | 1261.75 | 1264.20 | 1261.28 | 0.25 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.27 | 0.46 | 0.46 | 0.39 | 28.05 | ppb |
| Selenium | 77-2 | 3.49 | 4.65 | 1.82 | 3.32 | 42.83 | ppb |
| Selenium | 78-2 | -0.29 | 0.26 | 0.48 | 0.15 | 270.31 | ppb |
| Silicon | 28-1 | 155.29 | 147.57 | 139.50 | 147.45 | 5.36 | ppb |
| Silver | 107-1 | 0.16 | 0.17 | 0.17 | 0.17 | 1.30 | ppb |
| Silver | 109-1 | 0.16 | 0.16 | 0.17 | 0.17 | 4.06 | ppb |
| Sodium | 23-2 | 5836.19 | 5836.73 | 5806.35 | 5826.42 | 0.30 | ppb |
| Strontium | 86-1 | 659.40 | 667.34 | 676.56 | 667.77 | 1.29 | ppb |
| Strontium | 88-1 | 660.41 | 668.15 | 666.60 | 665.06 | 0.62 | ppb |
| Sulfur | 34-1 | 541.88 | 587.23 | 614.05 | 581.05 | 6.28 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.10 | 0.09 | 0.10 | 0.10 | 5.68 | ppb |
| Thallium | 205-1 | 0.09 | 0.09 | 0.10 | 0.09 | 1.03 | ppb |
| Tin | 118-1 | 2.66 | 2.74 | 2.77 | 2.72 | 2.02 | ppb |
| Titanium | 47-1 | 315.65 | 325.06 | 329.71 | 323.47 | 2.22 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.31 | 0.32 | 0.32 | 0.32 | 1.25 | ppb |
| Vanadium | 51-2 | 28.39 | 28.64 | 28.60 | 28.54 | 0.48 | ppb |
| Yttrium | 89-1 | | | | 108 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 64.64 | 64.10 | 66.24 | 64.99 | 1.71 | ppb |
| Zirconium | 90-1 | 2.24 | 2.12 | 2.14 | 2.17 | 3.05 | ppb |
| Zirconium | 91-1 | 2.18 | 2.30 | 2.14 | 2.21 | 3.79 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:52:40 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6671.66 | 6638.45 | 6740.89 | 6683.67 | 0.78 | ppb |
| Antimony | 121-1 | 0.36 | 0.36 | 0.35 | 0.36 | 2.10 | ppb |
| Arsenic | 75-2 | 6.35 | 6.71 | 6.57 | 6.54 | 2.74 | ppb |
| Barium | 135-1 | 12.94 | 13.12 | 13.00 | 13.02 | 0.68 | ppb |
| Barium | 137-1 | 13.01 | 13.18 | 13.26 | 13.15 | 0.99 | ppb |
| Beryllium | 9-1 | 0.21 | 0.20 | 0.20 | 0.21 | 2.74 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.37 | 0.35 | 0.44 | 0.39 | 12.20 | ppb |
| Cadmium | 106-1 | 0.45 | 0.71 | 0.16 | 0.44 | 63.03 | ppb |
| Cadmium | 111-1 | 0.10 | 0.11 | 0.09 | 0.10 | 11.22 | ppb |
| Calcium | 43-1 | 4667.11 | 4726.73 | 4702.97 | 4698.94 | 0.64 | ppb |
| Calcium | 44-1 | 4511.62 | 4648.02 | 4700.59 | 4620.08 | 2.11 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 14.47 | 14.36 | 14.60 | 14.47 | 0.83 | ppb |
| Cobalt | 59-2 | 6.68 | 6.52 | 6.72 | 6.64 | 1.54 | ppb |
| Copper | 63-2 | 23.79 | 23.51 | 23.81 | 23.70 | 0.70 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 16877.40 | 16726.29 | 16896.88 | 16833.52 | 0.55 | ppb |
| Iron | 57-2 | 16930.78 | 16820.63 | 16756.44 | 16835.95 | 0.52 | ppb |
| Iron | 54-2 | 17085.82 | 16881.46 | 17171.64 | 17046.31 | 0.87 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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

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 | 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 |

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 | 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 |

Reviewed By:Mohan
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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

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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 | 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

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

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 : | P5364-17 | 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

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

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 | 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

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

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

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

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Inst Id :P7

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

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

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

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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

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

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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

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

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

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

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

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

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

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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

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

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

Reviewed By:Mohan
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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 | 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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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 | 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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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 | 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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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 | 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

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

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

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

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

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

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 | 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 |

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 | 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 |

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

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

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

Reviewed By:Mohan
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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

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

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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

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

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 | 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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Inst Id :P7

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

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

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Inst Id :P7

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

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Inst Id :P7

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

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

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

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

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

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

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

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

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

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

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 | 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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On:12/30/2024 3:28:46 AM
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| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-09DL3X10 | 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 |

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

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

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

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

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

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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 |

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

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

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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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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 | 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 |

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 | 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 |

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 | 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:36:11 | DataFile Name : | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 377 | 450 | 407 | 411 | 8.97 | cps |
| Lead | 207-1 | 387 | 330 | 353 | 357 | 7.99 | cps |
| Lead | 208-1 | 1577 | 1590 | 1527 | 1565 | 2.13 | cps |
| Lithium | 6-1 | 1953923 | 1951255 | 1957512 | 1954230 | 0.16 | cps |
| Magnesium | 24-2 | 963 | 920 | 1063 | 982 | 7.48 | cps |
| Manganese | 55-2 | 300 | 287 | 310 | 299 | 3.92 | cps |
| Molybdenum | 94-1 | 427 | 320 | 423 | 390 | 15.55 | cps |
| Molybdenum | 95-1 | 323 | 320 | 313 | 319 | 1.60 | cps |
| Molybdenum | 96-1 | 320 | 333 | 360 | 338 | 6.03 | cps |
| Molybdenum | 97-1 | 187 | 153 | 170 | 170 | 9.80 | cps |
| Molybdenum | 98-1 | 403 | 457 | 453 | 438 | 6.83 | cps |
| Neodymium | 150-1 | 7 | 7 | 7 | 7 | 0.00 | cps |
| Neodymium | 150-2 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Nickel | 60-2 | 727 | 673 | 710 | 703 | 3.88 | cps |
| Phosphorus | 31-2 | 160 | 197 | 157 | 171 | 12.97 | cps |
| Potassium | 39-2 | 57508 | 58817 | 57772 | 58032 | 1.19 | cps |
| Rhodium | 103-1 | 11798118 | 11924757 | 11782099 | 11834991 | 0.66 | cps |
| Rhodium | 103-2 | 7299053 | 7150658 | 7170799 | 7206837 | 1.12 | cps |
| Scandium | 45-1 | 7142726 | 7010433 | 7045090 | 7066083 | 0.97 | cps |
| Scandium | 45-2 | 651561 | 644270 | 640906 | 645579 | 0.84 | cps |
| Selenium | 82-1 | 113 | 94 | 177 | 128 | 34.19 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 487 | 450 | 503 | 480 | 5.68 | cps |
| Silicon | 28-1 | 672209 | 666941 | 675136 | 671428 | 0.62 | cps |
| Silver | 107-1 | 113 | 120 | 87 | 107 | 16.53 | cps |
| Silver | 109-1 | 53 | 60 | 47 | 53 | 12.50 | cps |
| Sodium | 23-2 | 20133 | 19569 | 19479 | 19727 | 1.80 | cps |
| Strontium | 86-1 | 343 | 350 | 323 | 339 | 4.10 | cps |
| Strontium | 88-1 | 170 | 163 | 183 | 172 | 5.91 | cps |
| Sulfur | 34-1 | 192635 | 189786 | 188480 | 190300 | 1.12 | cps |
| Terbium | 159-1 | 15646949 | 15540991 | 15483833 | 15557258 | 0.53 | cps |
| Terbium | 159-2 | 11321367 | 11037571 | 11044537 | 11134492 | 1.45 | cps |
| Thallium | 203-1 | 373 | 433 | 380 | 396 | 8.31 | cps |
| Thallium | 205-1 | 943 | 777 | 873 | 864 | 9.68 | cps |
| Tin | 118-1 | 1097 | 1190 | 1007 | 1098 | 8.35 | cps |
| Titanium | 47-1 | 63 | 70 | 67 | 67 | 5.00 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:36:11 | DataFile Name : | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20 | 7 | 10 | 12 | 56.76 | cps |
| Vanadium | 51-2 | 37 | 23 | 33 | 31 | 22.31 | cps |
| Yttrium | 89-1 | 19239131 | 19088925 | 19098314 | 19142123 | 0.44 | cps |
| Yttrium | 89-2 | 5609649 | 5540495 | 5491703 | 5547282 | 1.07 | cps |
| Zinc | 66-2 | 133 | 127 | 160 | 140 | 12.60 | cps |
| Zirconium | 90-1 | 773 | 770 | 737 | 760 | 2.67 | cps |
| Zirconium | 91-1 | 147 | 143 | 90 | 127 | 25.11 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 917 | 913 | 870 | 900 | 2.89 | cps |
| Antimony | 121-1 | 2694 | 2817 | 2870 | 2794 | 3.24 | cps |
| Arsenic | 75-2 | 90 | 117 | 87 | 98 | 16.82 | cps |
| Barium | 135-1 | 3397 | 3384 | 3344 | 3375 | 0.82 | cps |
| Barium | 137-1 | 5835 | 5768 | 5735 | 5779 | 0.88 | cps |
| Beryllium | 9-1 | 277 | 260 | 237 | 258 | 7.79 | cps |
| Bismuth | 209-1 | 9456182 | 8953634 | 9486630 | 9298815 | 3.22 | cps |
| Bismuth | 209-2 | 8149500 | 8167898 | 8176764 | 8164721 | 0.17 | cps |
| Bromine | 81-1 | 15218 | 15195 | 15625 | 15346 | 1.58 | cps |
| Bromine | 81-2 | 170 | 200 | 147 | 172 | 15.52 | cps |
| Cadmium | 108-1 | 53 | 23 | 50 | 42 | 38.95 | cps |
| Cadmium | 106-1 | 4924 | 4511 | 4621 | 4685 | 4.57 | cps |
| Cadmium | 111-1 | Rejected | Rejected | Rejected | | | cps |
| Calcium | 43-1 | 2073 | 2167 | 2150 | 2130 | 2.34 | cps |
| Calcium | 44-1 | 37249 | 37994 | 37790 | 37678 | 1.02 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3317 | 3427 | 3367 | 3370 | 1.63 | cps |
| Cobalt | 59-2 | 1193 | 1170 | 1083 | 1149 | 5.05 | cps |
| Copper | 63-2 | 2320 | 2450 | 2304 | 2358 | 3.41 | cps |
| Dysprosium | 156-1 | 17 | 3 | 10 | 10 | 66.70 | cps |
| Dysprosium | 156-2 | 0 | 13 | 7 | 7 | 99.98 | cps |
| Erbium | 164-1 | 80 | 70 | 77 | 76 | 6.74 | cps |
| Erbium | 164-2 | 50 | 43 | 60 | 51 | 16.42 | cps |
| Gadolinium | 160-1 | 43 | 70 | 40 | 51 | 32.17 | cps |
| Gadolinium | 160-2 | 740 | 670 | 703 | 704 | 4.97 | cps |
| Holmium | 165-1 | 15742321 | 14765151 | 15793390 | 15433621 | 3.75 | cps |
| Holmium | 165-2 | 11499469 | 11400437 | 11464679 | 11454861 | 0.44 | cps |
| Indium | 115-1 | 13023861 | 12206551 | 13297645 | 12842686 | 4.42 | cps |
| Indium | 115-2 | 5119088 | 5103793 | 5102086 | 5108322 | 0.18 | cps |
| Iron | 56-2 | 49535 | 49772 | 48973 | 49426 | 0.83 | cps |
| Iron | 57-2 | 2007 | 2067 | 1960 | 2011 | 2.66 | cps |
| Iron | 54-2 | 4567 | 4431 | 4374 | 4457 | 2.23 | cps |
| Krypton | 83-1 | 183 | 267 | 217 | 222 | 18.87 | cps |

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
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 |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9827 | 10034 | 9880 | 9914 | 1.08 | cps |
| Lead | 207-1 | 8990 | 8559 | 8716 | 8755 | 2.49 | cps |
| Lead | 208-1 | 39139 | 39496 | 39927 | 39521 | 1.00 | cps |
| Lithium | 6-1 | 2033785 | 2008596 | 1982229 | 2008204 | 1.28 | cps |
| Magnesium | 24-2 | 260937 | 263547 | 259754 | 261413 | 0.74 | cps |
| Manganese | 55-2 | 4951 | 4797 | 4834 | 4861 | 1.65 | cps |
| Molybdenum | 94-1 | 26494 | 27937 | 27659 | 27363 | 2.80 | cps |
| Molybdenum | 95-1 | 33832 | 33729 | 33465 | 33675 | 0.56 | cps |
| Molybdenum | 96-1 | 37678 | 37351 | 37017 | 37349 | 0.89 | cps |
| Molybdenum | 97-1 | 21309 | 20875 | 21095 | 21093 | 1.03 | cps |
| Molybdenum | 98-1 | 53200 | 53842 | 53414 | 53485 | 0.61 | cps |
| Neodymium | 150-1 | 7 | 3 | 7 | 6 | 34.70 | cps |
| Neodymium | 150-2 | 3 | 7 | 0 | 3 | 100.05 | cps |
| Nickel | 60-2 | 3017 | 3037 | 2820 | 2958 | 4.05 | cps |
| Phosphorus | 31-2 | 753 | 790 | 680 | 741 | 7.56 | cps |
| Potassium | 39-2 | 405512 | 412028 | 409752 | 409097 | 0.81 | cps |
| Rhodium | 103-1 | 12315941 | 12163001 | 12083434 | 12187459 | 0.97 | cps |
| Rhodium | 103-2 | 7465696 | 7378392 | 7418973 | 7421020 | 0.59 | cps |
| Scandium | 45-1 | 7402054 | 7325874 | 7238693 | 7322207 | 1.12 | cps |
| Scandium | 45-2 | 661544 | 656295 | 666245 | 661362 | 0.75 | cps |
| Selenium | 82-1 | 1226 | 1224 | 1168 | 1206 | 2.74 | cps |
| Selenium | 77-2 | 147 | 103 | 103 | 118 | 21.25 | cps |
| Selenium | 78-2 | 950 | 1000 | 963 | 971 | 2.67 | cps |
| Silicon | 28-1 | 736076 | 733534 | 726947 | 732186 | 0.64 | cps |
| Silver | 107-1 | 17187 | 16750 | 16636 | 16858 | 1.72 | cps |
| Silver | 109-1 | 15926 | 15829 | 16476 | 16077 | 2.17 | cps |
| Sodium | 23-2 | 413382 | 415753 | 410704 | 413280 | 0.61 | cps |
| Strontium | 86-1 | 4734 | 4487 | 4794 | 4672 | 3.48 | cps |
| Strontium | 88-1 | 37568 | 37518 | 37240 | 37442 | 0.47 | cps |
| Sulfur | 34-1 | 196972 | 199379 | 199785 | 198712 | 0.77 | cps |
| Terbium | 159-1 | 16122965 | 15706885 | 15874789 | 15901546 | 1.32 | cps |
| Terbium | 159-2 | 11340500 | 11310758 | 11415947 | 11355735 | 0.48 | cps |
| Thallium | 203-1 | 12446 | 12189 | 12666 | 12434 | 1.92 | cps |
| Thallium | 205-1 | 28754 | 29241 | 29255 | 29083 | 0.98 | cps |
| Tin | 118-1 | 57196 | 57106 | 56326 | 56876 | 0.84 | cps |
| Titanium | 47-1 | 8656 | 8573 | 8552 | 8594 | 0.64 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:49:33 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 34311 | 35043 | 34077 | 34477 | 1.46 | cps |
| Vanadium | 51-2 | 25632 | 25732 | 25926 | 25763 | 0.58 | cps |
| Yttrium | 89-1 | 20094285 | 19767039 | 19771489 | 19877604 | 0.94 | cps |
| Yttrium | 89-2 | 5723176 | 5629830 | 5627271 | 5660092 | 0.97 | cps |
| Zinc | 66-2 | 5591 | 5838 | 5701 | 5710 | 2.17 | cps |
| Zirconium | 90-1 | 22658 | 22858 | 22384 | 22633 | 1.05 | cps |
| Zirconium | 91-1 | 4784 | 5238 | 5034 | 5019 | 4.53 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 306350 | 303568 | 301077 | 303665 | 0.87 | cps |
| Antimony | 121-1 | 647435 | 641523 | 640147 | 643035 | 0.60 | cps |
| Arsenic | 75-2 | 35954 | 35152 | 35422 | 35509 | 1.15 | cps |
| Barium | 135-1 | 806014 | 810009 | 808797 | 808273 | 0.25 | cps |
| Barium | 137-1 | 1401090 | 1412636 | 1412386 | 1408704 | 0.47 | cps |
| Beryllium | 9-1 | 83563 | 83124 | 84140 | 83609 | 0.61 | cps |
| Bismuth | 209-1 | 9439158 | 9236199 | 9329624 | 9334993 | 1.09 | cps |
| Bismuth | 209-2 | 8091373 | 7985148 | 8033723 | 8036748 | 0.66 | cps |
| Bromine | 81-1 | 15241 | 15201 | 15101 | 15181 | 0.48 | cps |
| Bromine | 81-2 | 120 | 107 | 120 | 116 | 6.66 | cps |
| Cadmium | 108-1 | 12806 | 12649 | 12732 | 12729 | 0.62 | cps |
| Cadmium | 106-1 | 23149 | 22925 | 22431 | 22835 | 1.61 | cps |
| Cadmium | 111-1 | 172723 | 174341 | 173295 | 173453 | 0.47 | cps |
| Calcium | 43-1 | 181083 | 181433 | 181724 | 181413 | 0.18 | cps |
| Calcium | 44-1 | 2837734 | 2839949 | 2809380 | 2829021 | 0.60 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 268527 | 267478 | 264705 | 266903 | 0.74 | cps |
| Cobalt | 59-2 | 418958 | 416737 | 412844 | 416180 | 0.74 | cps |
| Copper | 63-2 | 3163606 | 3112397 | 3060073 | 3112025 | 1.66 | cps |
| Dysprosium | 156-1 | 57 | 23 | 10 | 30 | 80.13 | cps |
| Dysprosium | 156-2 | 40 | 37 | 67 | 48 | 34.42 | cps |
| Erbium | 164-1 | 70 | 73 | 60 | 68 | 10.24 | cps |
| Erbium | 164-2 | 60 | 83 | 47 | 63 | 29.30 | cps |
| Gadolinium | 160-1 | 63 | 63 | 50 | 59 | 13.07 | cps |
| Gadolinium | 160-2 | 807 | 690 | 687 | 728 | 9.39 | cps |
| Holmium | 165-1 | 15491547 | 15443756 | 15452124 | 15462476 | 0.17 | cps |
| Holmium | 165-2 | 11330628 | 11319324 | 11216822 | 11288924 | 0.56 | cps |
| Indium | 115-1 | 13011305 | 12779922 | 12908581 | 12899936 | 0.90 | cps |
| Indium | 115-2 | 4976110 | 4942335 | 4887946 | 4935463 | 0.90 | cps |
| Iron | 56-2 | 13040478 | 12802816 | 12804764 | 12882686 | 1.06 | cps |
| Iron | 57-2 | 326980 | 325537 | 323731 | 325416 | 0.50 | cps |
| Iron | 54-2 | 718535 | 715816 | 711590 | 715314 | 0.49 | cps |
| Krypton | 83-1 | 207 | 217 | 197 | 207 | 4.84 | cps |

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

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

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1804226 | 1851203 | 1826494 | 1827308 | 1.29 | cps |
| Vanadium | 51-2 | 235601 | 232074 | 230933 | 232869 | 1.04 | cps |
| Yttrium | 89-1 | 19636444 | 19610148 | 19434413 | 19560335 | 0.56 | cps |
| Yttrium | 89-2 | 5498974 | 5473511 | 5430343 | 5467609 | 0.63 | cps |
| Zinc | 66-2 | 528331 | 526936 | 524057 | 526442 | 0.41 | cps |
| Zirconium | 90-1 | 1090245 | 1095985 | 1080224 | 1088818 | 0.73 | cps |
| Zirconium | 91-1 | 240670 | 242559 | 241248 | 241492 | 0.40 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:55:56 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 692164 | 682843 | 678420 | 684476 | 1.02 | cps |
| Antimony | 121-1 | 1509830 | 1507022 | 1498891 | 1505248 | 0.38 | cps |
| Arsenic | 75-2 | 80915 | 79645 | 79799 | 80120 | 0.87 | cps |
| Barium | 135-1 | 1989352 | 1995352 | 2009320 | 1998008 | 0.51 | cps |
| Barium | 137-1 | 3435986 | 3418353 | 3417008 | 3423783 | 0.31 | cps |
| Beryllium | 9-1 | 196535 | 196101 | 195162 | 195933 | 0.36 | cps |
| Bismuth | 209-1 | 9469585 | 9515163 | 9402279 | 9462342 | 0.60 | cps |
| Bismuth | 209-2 | 7962609 | 7995804 | 8032724 | 7997046 | 0.44 | cps |
| Bromine | 81-1 | 14097 | 13990 | 13700 | 13929 | 1.48 | cps |
| Bromine | 81-2 | 163 | 127 | 150 | 147 | 12.65 | cps |
| Cadmium | 108-1 | 29724 | 29727 | 29547 | 29666 | 0.35 | cps |
| Cadmium | 106-1 | 45758 | 46808 | 45772 | 46113 | 1.31 | cps |
| Cadmium | 111-1 | 405018 | 401911 | 403174 | 403368 | 0.39 | cps |
| Calcium | 43-1 | 413882 | 411533 | 410024 | 411813 | 0.47 | cps |
| Calcium | 44-1 | 6580328 | 6445221 | 6358553 | 6461367 | 1.73 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 602440 | 595184 | 592700 | 596775 | 0.85 | cps |
| Cobalt | 59-2 | 938567 | 940115 | 930103 | 936261 | 0.58 | cps |
| Copper | 63-2 | 7037205 | 6913808 | 6864882 | 6938632 | 1.28 | cps |
| Dysprosium | 156-1 | 27 | 70 | 60 | 52 | 43.44 | cps |
| Dysprosium | 156-2 | 127 | 127 | 97 | 117 | 14.85 | cps |
| Erbium | 164-1 | 93 | 77 | 123 | 98 | 24.18 | cps |
| Erbium | 164-2 | 70 | 70 | 60 | 67 | 8.66 | cps |
| Gadolinium | 160-1 | 57 | 70 | 100 | 76 | 29.37 | cps |
| Gadolinium | 160-2 | 583 | 690 | 723 | 666 | 10.99 | cps |
| Holmium | 165-1 | 15348346 | 15516043 | 15046235 | 15303541 | 1.56 | cps |
| Holmium | 165-2 | 11182089 | 11167906 | 11250735 | 11200243 | 0.40 | cps |
| Indium | 115-1 | 12653148 | 12558299 | 12264771 | 12492073 | 1.62 | cps |
| Indium | 115-2 | 4738038 | 4751175 | 4782928 | 4757380 | 0.49 | cps |
| Iron | 56-2 | 29123194 | 28661363 | 28652099 | 28812218 | 0.93 | cps |
| Iron | 57-2 | 735983 | 732925 | 724473 | 731127 | 0.82 | cps |
| Iron | 54-2 | 1595973 | 1590185 | 1592228 | 1592795 | 0.18 | cps |
| Krypton | 83-1 | 213 | 183 | 207 | 201 | 7.83 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:55:56 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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

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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 | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23350622 | 23600517 | 23847215 | 23599452 | 1.05 | cps |
| Lead | 207-1 | 20820893 | 20910743 | 21019964 | 20917200 | 0.48 | cps |
| Lead | 208-1 | 94841979 | 95097816 | 95723119 | 95220971 | 0.48 | cps |
| Lithium | 6-1 | 1937702 | 1907081 | 1929988 | 1924924 | 0.83 | cps |
| Magnesium | 24-2 | 19730193 | 19742295 | 19464233 | 19645574 | 0.80 | cps |
| Manganese | 55-2 | 18115225 | 18181280 | 18095754 | 18130753 | 0.25 | cps |
| Molybdenum | 94-1 | 19607752 | 19656055 | 19691380 | 19651729 | 0.21 | cps |
| Molybdenum | 95-1 | 28736390 | 28718114 | 28473036 | 28642513 | 0.51 | cps |
| Molybdenum | 96-1 | 31504575 | 31589737 | 31252387 | 31448900 | 0.56 | cps |
| Molybdenum | 97-1 | 17866053 | 17696895 | 17636105 | 17733018 | 0.67 | cps |
| Molybdenum | 98-1 | 46243799 | 46222809 | 46024889 | 46163833 | 0.26 | cps |
| Neodymium | 150-1 | 397 | 387 | 393 | 392 | 1.30 | cps |
| Neodymium | 150-2 | 100 | 93 | 117 | 103 | 11.63 | cps |
| Nickel | 60-2 | 834583 | 829186 | 826203 | 829991 | 0.51 | cps |
| Phosphorus | 31-2 | 116643 | 118377 | 115434 | 116818 | 1.27 | cps |
| Potassium | 39-2 | 12934499 | 13040208 | 12897315 | 12957340 | 0.57 | cps |
| Rhodium | 103-1 | 10763699 | 10544212 | 10545369 | 10617760 | 1.19 | cps |
| Rhodium | 103-2 | 6236897 | 6287145 | 6230878 | 6251640 | 0.49 | cps |
| Scandium | 45-1 | 6215251 | 6176727 | 6161535 | 6184504 | 0.45 | cps |
| Scandium | 45-2 | 531918 | 534745 | 529796 | 532153 | 0.47 | cps |
| Selenium | 82-1 | 89165 | 88453 | 88364 | 88661 | 0.50 | cps |
| Selenium | 77-2 | 9643 | 9623 | 9376 | 9548 | 1.56 | cps |
| Selenium | 78-2 | 31894 | 32462 | 31784 | 32047 | 1.14 | cps |
| Silicon | 28-1 | 14761564 | 14532653 | 14344898 | 14546372 | 1.43 | cps |
| Silver | 107-1 | 7398927 | 7487994 | 7399682 | 7428868 | 0.69 | cps |
| Silver | 109-1 | 7122211 | 7197294 | 7063352 | 7127619 | 0.94 | cps |
| Sodium | 23-2 | 32367028 | 32344989 | 32113778 | 32275265 | 0.43 | cps |
| Strontium | 86-1 | 1814245 | 1795484 | 1864802 | 1824844 | 1.96 | cps |
| Strontium | 88-1 | 15911859 | 15764054 | 15941685 | 15872533 | 0.60 | cps |
| Sulfur | 34-1 | 539306 | 535994 | 533813 | 536371 | 0.52 | cps |
| Terbium | 159-1 | 15519941 | 15252557 | 15415691 | 15396063 | 0.88 | cps |
| Terbium | 159-2 | 10688676 | 10747899 | 10838798 | 10758457 | 0.70 | cps |
| Thallium | 203-1 | 5915752 | 5958585 | 5820424 | 5898254 | 1.20 | cps |
| Thallium | 205-1 | 13895176 | 14119269 | 14075955 | 14030134 | 0.85 | cps |
| Tin | 118-1 | 4872078 | 4861433 | 4928849 | 4887453 | 0.74 | cps |
| Titanium | 47-1 | 6811847 | 6868859 | 6815814 | 6832173 | 0.47 | cps |

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18393931 | 18478820 | 18425675 | 18432809 | 0.23 | cps |
| Vanadium | 51-2 | 1959265 | 1925624 | 1935324 | 1940071 | 0.89 | cps |
| Yttrium | 89-1 | 17727659 | 17663576 | 17765561 | 17718932 | 0.29 | cps |
| Yttrium | 89-2 | 4825164 | 4830005 | 4852861 | 4836010 | 0.31 | cps |
| Zinc | 66-2 | 4315348 | 4318135 | 4324810 | 4319431 | 0.11 | cps |
| Zirconium | 90-1 | 9742610 | 9654187 | 9735619 | 9710805 | 0.51 | cps |
| Zirconium | 91-1 | 2146941 | 2181815 | 2128945 | 2152567 | 1.25 | cps |

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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICV002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:38:52 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 470 | 430 | 503 | 468 | 7.85 | cps |
| Lead | 207-1 | 403 | 460 | 383 | 416 | 9.57 | cps |
| Lead | 208-1 | 1883 | 1953 | 1813 | 1883 | 3.72 | cps |
| Lithium | 6-1 | 2002072 | 2038488 | 2043438 | 2027999 | 1.11 | cps |
| Magnesium | 24-2 | 943 | 957 | 1050 | 983 | 5.91 | cps |
| Manganese | 55-2 | 237 | 283 | 290 | 270 | 10.76 | cps |
| Molybdenum | 94-1 | 470 | 493 | 477 | 480 | 2.50 | cps |
| Molybdenum | 95-1 | 450 | 373 | 357 | 393 | 12.65 | cps |
| Molybdenum | 96-1 | 480 | 510 | 473 | 488 | 4.00 | cps |
| Molybdenum | 97-1 | 267 | 207 | 277 | 250 | 15.14 | cps |
| Molybdenum | 98-1 | 600 | 617 | 640 | 619 | 3.25 | cps |
| Neodymium | 150-1 | 7 | 7 | 13 | 9 | 43.25 | cps |
| Neodymium | 150-2 | 7 | 0 | 0 | 2 | 173.21 | cps |
| Nickel | 60-2 | 693 | 617 | 643 | 651 | 5.98 | cps |
| Phosphorus | 31-2 | 160 | 157 | 140 | 152 | 7.04 | cps |
| Potassium | 39-2 | 54216 | 54193 | 54685 | 54364 | 0.51 | cps |
| Rhodium | 103-1 | 11493554 | 11471202 | 11387880 | 11450879 | 0.49 | cps |
| Rhodium | 103-2 | 7092461 | 7013789 | 7001806 | 7036019 | 0.70 | cps |
| Scandium | 45-1 | 6679296 | 6833913 | 6803909 | 6772373 | 1.21 | cps |
| Scandium | 45-2 | 621012 | 620150 | 614250 | 618471 | 0.60 | cps |
| Selenium | 82-1 | 161 | 88 | 84 | 111 | 39.33 | cps |
| Selenium | 77-2 | 7 | 0 | 0 | 2 | 173.21 | cps |
| Selenium | 78-2 | 403 | 433 | 420 | 419 | 3.59 | cps |
| Silicon | 28-1 | 591930 | 595918 | 597324 | 595058 | 0.47 | cps |
| Silver | 107-1 | 230 | 220 | 273 | 241 | 11.76 | cps |
| Silver | 109-1 | 233 | 163 | 137 | 178 | 28.08 | cps |
| Sodium | 23-2 | 21976 | 21205 | 21335 | 21505 | 1.92 | cps |
| Strontium | 86-1 | 380 | 380 | 343 | 368 | 5.76 | cps |
| Strontium | 88-1 | 220 | 163 | 163 | 182 | 17.95 | cps |
| Sulfur | 34-1 | 184887 | 185036 | 184307 | 184743 | 0.21 | cps |
| Terbium | 159-1 | 15497766 | 15455274 | 15309526 | 15420855 | 0.64 | cps |
| Terbium | 159-2 | 11067502 | 11035205 | 10879056 | 10993921 | 0.92 | cps |
| Thallium | 203-1 | 383 | 413 | 367 | 388 | 6.10 | cps |
| Thallium | 205-1 | 953 | 1037 | 883 | 958 | 8.02 | cps |
| Tin | 118-1 | 1187 | 1177 | 1123 | 1162 | 2.93 | cps |
| Titanium | 47-1 | 90 | 113 | 67 | 90 | 25.93 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICB002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:38:52 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33 | 17 | 7 | 19 | 71.30 | cps |
| Vanadium | 51-2 | 10 | 30 | 27 | 22 | 48.22 | cps |
| Yttrium | 89-1 | 18659415 | 18813600 | 18684391 | 18719135 | 0.44 | cps |
| Yttrium | 89-2 | 5411106 | 5328928 | 5273534 | 5337856 | 1.30 | cps |
| Zinc | 66-2 | 263 | 243 | 250 | 252 | 4.04 | cps |
| Zirconium | 90-1 | 827 | 720 | 697 | 748 | 9.27 | cps |
| Zirconium | 91-1 | 177 | 173 | 170 | 173 | 1.92 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSA002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:42:22 | DataFile Name : | 016ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25104197 | 25001950 | 25251174 | 25119107 | 0.50 | cps |
| Antimony | 121-1 | 13186 | 12959 | 13637 | 13261 | 2.60 | cps |
| Arsenic | 75-2 | 243 | 223 | 170 | 212 | 17.86 | cps |
| Barium | 135-1 | 4144 | 4131 | 4121 | 4132 | 0.28 | cps |
| Barium | 137-1 | 7032 | 7068 | 7209 | 7103 | 1.31 | cps |
| Beryllium | 9-1 | 537 | 493 | 440 | 490 | 9.88 | cps |
| Bismuth | 209-1 | 8837316 | 8971345 | 8955945 | 8921535 | 0.82 | cps |
| Bismuth | 209-2 | 7597129 | 7870474 | 7672427 | 7713343 | 1.83 | cps |
| Bromine | 81-1 | 13169 | 13606 | 13830 | 13535 | 2.48 | cps |
| Bromine | 81-2 | 370 | 413 | 450 | 411 | 9.74 | cps |
| Cadmium | 108-1 | 1930 | 1783 | 1737 | 1817 | 5.55 | cps |
| Cadmium | 106-1 | 3921 | 3827 | 3851 | 3866 | 1.26 | cps |
| Cadmium | 111-1 | 1876 | 1790 | 1798 | 1821 | 2.62 | cps |
| Calcium | 43-1 | 2892914 | 2898330 | 2939503 | 2910249 | 0.88 | cps |
| Calcium | 44-1 | 46366113 | 46637183 | 47069454 | 46690917 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 93004 | 91686 | 92370 | 92354 | 0.71 | cps |
| Cobalt | 59-2 | 8909 | 9266 | 8793 | 8989 | 2.74 | cps |
| Copper | 63-2 | 37303 | 36845 | 37109 | 37086 | 0.62 | cps |
| Dysprosium | 156-1 | 60 | 37 | 80 | 59 | 36.83 | cps |
| Dysprosium | 156-2 | 57 | 27 | 47 | 43 | 35.25 | cps |
| Erbium | 164-1 | 107 | 123 | 103 | 111 | 9.65 | cps |
| Erbium | 164-2 | 93 | 83 | 117 | 98 | 17.50 | cps |
| Gadolinium | 160-1 | 113 | 127 | 93 | 111 | 15.10 | cps |
| Gadolinium | 160-2 | 677 | 667 | 680 | 674 | 1.03 | cps |
| Holmium | 165-1 | 15084933 | 15223883 | 15420251 | 15243022 | 1.11 | cps |
| Holmium | 165-2 | 11131457 | 11278281 | 11470988 | 11293575 | 1.51 | cps |
| Indium | 115-1 | 11659770 | 11601619 | 11700635 | 11654008 | 0.43 | cps |
| Indium | 115-2 | 4531855 | 4533723 | 4580614 | 4548731 | 0.61 | cps |
| Iron | 56-2 | 436638460 | 436596953 | 433416487 | 435550634 | 0.42 | cps |
| Iron | 57-2 | 10899836 | 10882617 | 10743215 | 10841889 | 0.79 | cps |
| Iron | 54-2 | 23620235 | 23563552 | 23630322 | 23604703 | 0.15 | cps |
| Krypton | 83-1 | 137 | 183 | 203 | 174 | 19.61 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSA002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:42:22 | DataFile Name : | 016ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 43446 | 43827 | 43657 | 43643 | 0.44 | cps |
| Lead | 207-1 | 34544 | 35226 | 34995 | 34922 | 0.99 | cps |
| Lead | 208-1 | 163731 | 165844 | 164621 | 164732 | 0.64 | cps |
| Lithium | 6-1 | 1943177 | 1883853 | 1904660 | 1910563 | 1.58 | cps |
| Magnesium | 24-2 | 40936957 | 40646610 | 41343184 | 40975584 | 0.85 | cps |
| Manganese | 55-2 | 29025 | 29596 | 29766 | 29462 | 1.32 | cps |
| Molybdenum | 94-1 | 6361887 | 6380904 | 6361544 | 6368112 | 0.17 | cps |
| Molybdenum | 95-1 | 11269862 | 11265273 | 11396836 | 11310657 | 0.66 | cps |
| Molybdenum | 96-1 | 12109808 | 12164836 | 12354067 | 12209571 | 1.05 | cps |
| Molybdenum | 97-1 | 6963185 | 6945952 | 7070142 | 6993093 | 0.96 | cps |
| Molybdenum | 98-1 | 17915771 | 18146521 | 18247936 | 18103409 | 0.94 | cps |
| Neodymium | 150-1 | 77 | 53 | 43 | 58 | 29.61 | cps |
| Neodymium | 150-2 | 33 | 27 | 37 | 32 | 15.80 | cps |
| Nickel | 60-2 | 10404 | 9683 | 9663 | 9917 | 4.25 | cps |
| Phosphorus | 31-2 | 1262507 | 1254678 | 1256228 | 1257804 | 0.33 | cps |
| Potassium | 39-2 | 53210696 | 53086451 | 53584544 | 53293897 | 0.49 | cps |
| Rhodium | 103-1 | 10425994 | 10247578 | 10291564 | 10321712 | 0.90 | cps |
| Rhodium | 103-2 | 6346044 | 6475702 | 6432120 | 6417955 | 1.03 | cps |
| Scandium | 45-1 | 6212981 | 6260068 | 6255948 | 6242999 | 0.42 | cps |
| Scandium | 45-2 | 561244 | 565732 | 567239 | 564738 | 0.55 | cps |
| Selenium | 82-1 | 218 | 134 | 149 | 167 | 26.82 | cps |
| Selenium | 77-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Selenium | 78-2 | 333 | 347 | 403 | 361 | 10.29 | cps |
| Silicon | 28-1 | 598407 | 586939 | 590475 | 591940 | 0.99 | cps |
| Silver | 107-1 | 810 | 677 | 653 | 713 | 11.85 | cps |
| Silver | 109-1 | 773 | 670 | 567 | 670 | 15.42 | cps |
| Sodium | 23-2 | 67340066 | 67128987 | 67224929 | 67231327 | 0.16 | cps |
| Strontium | 86-1 | 121805 | 121112 | 123499 | 122139 | 1.01 | cps |
| Strontium | 88-1 | 1063680 | 1068995 | 1081689 | 1071455 | 0.86 | cps |
| Sulfur | 34-1 | 4162522 | 4134088 | 4171373 | 4155995 | 0.47 | cps |
| Terbium | 159-1 | 15296814 | 15438055 | 15518552 | 15417807 | 0.73 | cps |
| Terbium | 159-2 | 11047523 | 11097376 | 11137052 | 11093984 | 0.40 | cps |
| Thallium | 203-1 | 1607 | 1633 | 1350 | 1530 | 10.23 | cps |
| Thallium | 205-1 | 3570 | 3507 | 3364 | 3480 | 3.04 | cps |
| Tin | 118-1 | 2707 | 2767 | 2487 | 2654 | 5.56 | cps |
| Titanium | 47-1 | 2755889 | 2743803 | 2816868 | 2772186 | 1.41 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | ICSA002 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA002 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:42:22 | DataFile Name : | 016ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 573 | 547 | 610 | 577 | 5.51 | cps |
| Vanadium | 51-2 | 827 | 837 | 840 | 834 | 0.83 | cps |
| Yttrium | 89-1 | 18069952 | 17851880 | 18032163 | 17984665 | 0.65 | cps |
| Yttrium | 89-2 | 5109650 | 5117475 | 5125544 | 5117556 | 0.16 | cps |
| Zinc | 66-2 | 9820 | 10020 | 9750 | 9863 | 1.42 | cps |
| Zirconium | 90-1 | 1210 | 1223 | 1367 | 1267 | 6.86 | cps |
| Zirconium | 91-1 | 213 | 287 | 320 | 273 | 19.96 | cps |

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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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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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13741311 | 13747834 | 13686893 | 13725346 | 0.24 | cps |
| Antimony | 121-1 | 5890326 | 5883076 | 5912513 | 5895305 | 0.26 | cps |
| Arsenic | 75-2 | 292513 | 291994 | 293987 | 292831 | 0.35 | cps |
| Barium | 135-1 | 7725031 | 7601584 | 7776308 | 7700974 | 1.17 | cps |
| Barium | 137-1 | 13093007 | 13286544 | 13238381 | 13205977 | 0.76 | cps |
| Beryllium | 9-1 | 703822 | 713067 | 712191 | 709693 | 0.72 | cps |
| Bismuth | 209-1 | 8898233 | 8898566 | 8747741 | 8848180 | 0.98 | cps |
| Bismuth | 209-2 | 7483496 | 7324055 | 7299247 | 7368932 | 1.36 | cps |
| Bromine | 81-1 | 13436 | 12849 | 12952 | 13079 | 2.40 | cps |
| Bromine | 81-2 | 127 | 103 | 143 | 124 | 16.15 | cps |
| Cadmium | 108-1 | 105550 | 106544 | 107887 | 106660 | 1.10 | cps |
| Cadmium | 106-1 | 153679 | 153871 | 153986 | 153846 | 0.10 | cps |
| Cadmium | 111-1 | 1436644 | 1461437 | 1447970 | 1448683 | 0.86 | cps |
| Calcium | 43-1 | 7567209 | 7452580 | 7547460 | 7522416 | 0.81 | cps |
| Calcium | 44-1 | 121572495 | 121759122 | 121899625 | 121743747 | 0.13 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2283084 | 2271959 | 2292771 | 2282605 | 0.46 | cps |
| Cobalt | 59-2 | 3501327 | 3518770 | 3503713 | 3507936 | 0.27 | cps |
| Copper | 63-2 | 24455403 | 24347826 | 24392624 | 24398618 | 0.22 | cps |
| Dysprosium | 156-1 | 283 | 267 | 273 | 274 | 3.06 | cps |
| Dysprosium | 156-2 | 523 | 507 | 620 | 550 | 11.13 | cps |
| Erbium | 164-1 | 313 | 337 | 297 | 316 | 6.37 | cps |
| Erbium | 164-2 | 253 | 170 | 263 | 229 | 22.39 | cps |
| Gadolinium | 160-1 | 303 | 250 | 333 | 296 | 14.28 | cps |
| Gadolinium | 160-2 | 700 | 737 | 753 | 730 | 3.74 | cps |
| Holmium | 165-1 | 15229335 | 15430126 | 15336984 | 15332148 | 0.66 | cps |
| Holmium | 165-2 | 11112985 | 11072706 | 11074516 | 11086736 | 0.21 | cps |
| Indium | 115-1 | 11651145 | 11616896 | 11492372 | 11586804 | 0.72 | cps |
| Indium | 115-2 | 4393632 | 4366083 | 4384703 | 4381472 | 0.32 | cps |
| Iron | 56-2 | 534920379 | 538048139 | 537275339 | 536747952 | 0.30 | cps |
| Iron | 57-2 | 13477880 | 13316214 | 13529403 | 13441166 | 0.83 | cps |
| Iron | 54-2 | 29201992 | 29218177 | 29233179 | 29217783 | 0.05 | cps |
| Krypton | 83-1 | 167 | 233 | 243 | 214 | 19.44 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23128572 | 23036410 | 23159132 | 23108038 | 0.28 | cps |
| Lead | 207-1 | 20475263 | 20384532 | 20400840 | 20420212 | 0.24 | cps |
| Lead | 208-1 | 92767038 | 92758837 | 92845248 | 92790374 | 0.05 | cps |
| Lithium | 6-1 | 1874918 | 1886296 | 1880853 | 1880689 | 0.30 | cps |
| Magnesium | 24-2 | 105850138 | 105467912 | 105497172 | 105605074 | 0.20 | cps |
| Manganese | 55-2 | 18869481 | 18872360 | 18851853 | 18864564 | 0.06 | cps |
| Molybdenum | 94-1 | 20113911 | 20482881 | 20194126 | 20263639 | 0.96 | cps |
| Molybdenum | 95-1 | 29486760 | 29561463 | 29316072 | 29454765 | 0.43 | cps |
| Molybdenum | 96-1 | 32260248 | 32225947 | 32388149 | 32291448 | 0.26 | cps |
| Molybdenum | 97-1 | 18374071 | 18418646 | 18252211 | 18348309 | 0.47 | cps |
| Molybdenum | 98-1 | 47407289 | 47354191 | 46982948 | 47248143 | 0.49 | cps |
| Neodymium | 150-1 | 410 | 497 | 513 | 473 | 11.72 | cps |
| Neodymium | 150-2 | 173 | 137 | 150 | 153 | 12.10 | cps |
| Nickel | 60-2 | 836248 | 831952 | 834002 | 834067 | 0.26 | cps |
| Phosphorus | 31-2 | 124088 | 122384 | 122182 | 122885 | 0.85 | cps |
| Potassium | 39-2 | 68571357 | 68769416 | 68427721 | 68589498 | 0.25 | cps |
| Rhodium | 103-1 | 10499490 | 10183925 | 10116780 | 10266732 | 1.99 | cps |
| Rhodium | 103-2 | 6190034 | 6204263 | 6162453 | 6185583 | 0.34 | cps |
| Scandium | 45-1 | 6407173 | 6394392 | 6374730 | 6392098 | 0.26 | cps |
| Scandium | 45-2 | 566129 | 568961 | 567096 | 567395 | 0.25 | cps |
| Selenium | 82-1 | 84986 | 86000 | 85527 | 85504 | 0.59 | cps |
| Selenium | 77-2 | 9300 | 9693 | 9260 | 9418 | 2.54 | cps |
| Selenium | 78-2 | 31777 | 31537 | 30508 | 31274 | 2.16 | cps |
| Silicon | 28-1 | 7538646 | 7506689 | 7586374 | 7543903 | 0.53 | cps |
| Silver | 107-1 | 7111000 | 7117006 | 7178269 | 7135425 | 0.52 | cps |
| Silver | 109-1 | 6929261 | 6849094 | 6965833 | 6914729 | 0.86 | cps |
| Sodium | 23-2 | 170017121 | 171654564 | 170942047 | 170871244 | 0.48 | cps |
| Strontium | 86-1 | 1874676 | 1880450 | 1856312 | 1870479 | 0.67 | cps |
| Strontium | 88-1 | 16152916 | 16407761 | 16296896 | 16285858 | 0.78 | cps |
| Sulfur | 34-1 | 544367 | 544409 | 546189 | 544988 | 0.19 | cps |
| Terbium | 159-1 | 15691545 | 15673875 | 15619554 | 15661658 | 0.24 | cps |
| Terbium | 159-2 | 10849932 | 10927707 | 10849538 | 10875726 | 0.41 | cps |
| Thallium | 203-1 | 5790023 | 5899489 | 5840456 | 5843322 | 0.94 | cps |
| Thallium | 205-1 | 13761001 | 13871979 | 13805489 | 13812823 | 0.40 | cps |
| Tin | 118-1 | 4885573 | 4899341 | 4932081 | 4905665 | 0.49 | cps |
| Titanium | 47-1 | 7026832 | 7021887 | 7036154 | 7028291 | 0.10 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV011 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV011 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18289677 | 18640290 | 18672074 | 18534014 | 1.14 | cps |
| Vanadium | 51-2 | 2084789 | 2065536 | 2059661 | 2069995 | 0.63 | cps |
| Yttrium | 89-1 | 18223240 | 18120977 | 18138143 | 18160787 | 0.30 | cps |
| Yttrium | 89-2 | 5061950 | 5023200 | 5000638 | 5028596 | 0.62 | cps |
| Zinc | 66-2 | 4240579 | 4226197 | 4229259 | 4232012 | 0.18 | cps |
| Zirconium | 90-1 | 9977471 | 10080422 | 10078799 | 10045564 | 0.59 | cps |
| Zirconium | 91-1 | 2204250 | 2251788 | 2209640 | 2221893 | 1.17 | cps |

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

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

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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4307 | 4734 | 4434 | 4492 | 4.88 | cps |
| Lead | 207-1 | 3697 | 3447 | 3911 | 3685 | 6.30 | cps |
| Lead | 208-1 | 17211 | 17575 | 17608 | 17465 | 1.26 | cps |
| Lithium | 6-1 | 1973444 | 1884518 | 1921684 | 1926549 | 2.32 | cps |
| Magnesium | 24-2 | 9386159 | 9293923 | 9352807 | 9344297 | 0.50 | cps |
| Manganese | 55-2 | 6760307 | 6824103 | 6859546 | 6814652 | 0.74 | cps |
| Molybdenum | 94-1 | 3867 | 4004 | 3757 | 3876 | 3.19 | cps |
| Molybdenum | 95-1 | 667 | 590 | 647 | 634 | 6.27 | cps |
| Molybdenum | 96-1 | 6448 | 6318 | 6852 | 6539 | 4.25 | cps |
| Molybdenum | 97-1 | 443 | 413 | 430 | 429 | 3.51 | cps |
| Molybdenum | 98-1 | 720 | 730 | 793 | 748 | 5.32 | cps |
| Neodymium | 150-1 | 94255 | 95504 | 95487 | 95082 | 0.75 | cps |
| Neodymium | 150-2 | 58976 | 59890 | 60640 | 59835 | 1.39 | cps |
| Nickel | 60-2 | 26794 | 27522 | 27158 | 27158 | 1.34 | cps |
| Phosphorus | 31-2 | 4421 | 4654 | 4361 | 4478 | 3.46 | cps |
| Potassium | 39-2 | 268654 | 269445 | 269587 | 269229 | 0.19 | cps |
| Rhodium | 103-1 | 11662933 | 11412777 | 11482307 | 11519339 | 1.12 | cps |
| Rhodium | 103-2 | 7046124 | 7043949 | 7117077 | 7069050 | 0.59 | cps |
| Scandium | 45-1 | 6877034 | 6733629 | 6879192 | 6829952 | 1.22 | cps |
| Scandium | 45-2 | 613702 | 616592 | 621043 | 617112 | 0.60 | cps |
| Selenium | 82-1 | 252 | 269 | 236 | 253 | 6.49 | cps |
| Selenium | 77-2 | 223 | 207 | 160 | 197 | 16.69 | cps |
| Selenium | 78-2 | 590 | 547 | 570 | 569 | 3.81 | cps |
| Silicon | 28-1 | 76955221 | 78155462 | 78046931 | 77719204 | 0.85 | cps |
| Silver | 107-1 | 400 | 350 | 343 | 364 | 8.50 | cps |
| Silver | 109-1 | 230 | 263 | 283 | 259 | 10.41 | cps |
| Sodium | 23-2 | 4733597 | 4755661 | 4822877 | 4770711 | 0.97 | cps |
| Strontium | 86-1 | 409776 | 410853 | 411418 | 410682 | 0.20 | cps |
| Strontium | 88-1 | 3684595 | 3664415 | 3701672 | 3683561 | 0.51 | cps |
| Sulfur | 34-1 | 5503957 | 5578149 | 5526413 | 5536173 | 0.69 | cps |
| Terbium | 159-1 | 16143807 | 15739501 | 16331953 | 16071754 | 1.88 | cps |
| Terbium | 159-2 | 11376609 | 11379125 | 11420659 | 11392131 | 0.22 | cps |
| Thallium | 203-1 | 820 | 847 | 697 | 788 | 10.16 | cps |
| Thallium | 205-1 | 1787 | 1937 | 1883 | 1869 | 4.07 | cps |
| Tin | 118-1 | 2307 | 2394 | 2204 | 2301 | 4.13 | cps |
| Titanium | 47-1 | 2964 | 3314 | 3047 | 3108 | 5.88 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 46651 | 47745 | 48381 | 47593 | 1.84 | cps |
| Vanadium | 51-2 | 537309 | 537347 | 536698 | 537118 | 0.07 | cps |
| Yttrium | 89-1 | 20931165 | 20615443 | 21207631 | 20918080 | 1.42 | cps |
| Yttrium | 89-2 | 5991148 | 5952088 | 5949138 | 5964125 | 0.39 | cps |
| Zinc | 66-2 | 123011 | 121499 | 122235 | 122248 | 0.62 | cps |
| Zirconium | 90-1 | 8836 | 9146 | 9130 | 9037 | 1.93 | cps |
| Zirconium | 91-1 | 2087 | 2107 | 2094 | 2096 | 0.49 | cps |

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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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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 |

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

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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 |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2263627 | 2327039 | 2325223 | 2305296 | 1.57 | cps |
| Vanadium | 51-2 | 781192 | 781614 | 783371 | 782059 | 0.15 | cps |
| Yttrium | 89-1 | 22350335 | 21296313 | 21096548 | 21581065 | 3.12 | cps |
| Yttrium | 89-2 | 5909181 | 5929576 | 5846158 | 5894972 | 0.74 | cps |
| Zinc | 66-2 | 597018 | 594190 | 594577 | 595262 | 0.26 | cps |
| Zirconium | 90-1 | 1259442 | 1307211 | 1306079 | 1290911 | 2.11 | cps |
| Zirconium | 91-1 | 277701 | 288811 | 290049 | 285520 | 2.38 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:10:37 | DataFile Name : | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3828782 | 3832214 | 3774188 | 3811728 | 0.85 | cps |
| Antimony | 121-1 | 749571 | 768738 | 767241 | 761850 | 1.40 | cps |
| Arsenic | 75-2 | 41782 | 41822 | 41615 | 41740 | 0.26 | cps |
| Barium | 135-1 | 987607 | 1006712 | 995759 | 996693 | 0.96 | cps |
| Barium | 137-1 | 1733943 | 1776910 | 1787248 | 1766034 | 1.60 | cps |
| Beryllium | 9-1 | 92329 | 94625 | 92526 | 93160 | 1.37 | cps |
| Bismuth | 209-1 | 9548879 | 9395182 | 9471707 | 9471923 | 0.81 | cps |
| Bismuth | 209-2 | 8135203 | 8141925 | 8091893 | 8123007 | 0.33 | cps |
| Bromine | 81-1 | 15044 | 14674 | 14938 | 14885 | 1.28 | cps |
| Bromine | 81-2 | 380 | 333 | 360 | 358 | 6.54 | cps |
| Cadmium | 108-1 | 14918 | 14981 | 15709 | 15203 | 2.89 | cps |
| Cadmium | 106-1 | 26548 | 26311 | 26945 | 26601 | 1.21 | cps |
| Cadmium | 111-1 | 208083 | 212857 | 210962 | 210634 | 1.14 | cps |
| Calcium | 43-1 | 1485885 | 1501616 | 1508818 | 1498773 | 0.78 | cps |
| Calcium | 44-1 | 23961637 | 24263866 | 24170959 | 24132154 | 0.64 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 320402 | 318140 | 316955 | 318499 | 0.55 | cps |
| Cobalt | 59-2 | 745984 | 739884 | 735185 | 740351 | 0.73 | cps |
| Copper | 63-2 | 3001650 | 2953873 | 2964920 | 2973481 | 0.84 | cps |
| Dysprosium | 156-1 | 78695 | 79909 | 80421 | 79675 | 1.11 | cps |
| Dysprosium | 156-2 | 66466 | 66316 | 66259 | 66347 | 0.16 | cps |
| Erbium | 164-1 | 103231 | 105430 | 105877 | 104846 | 1.35 | cps |
| Erbium | 164-2 | 75814 | 75593 | 76984 | 76130 | 0.98 | cps |
| Gadolinium | 160-1 | 83758 | 85921 | 86025 | 85235 | 1.50 | cps |
| Gadolinium | 160-2 | 65328 | 65944 | 65217 | 65497 | 0.60 | cps |
| Holmium | 165-1 | 15970829 | 15886284 | 15869928 | 15909014 | 0.34 | cps |
| Holmium | 165-2 | 11640630 | 11612608 | 11501299 | 11584846 | 0.64 | cps |
| Indium | 115-1 | 12711410 | 12894522 | 12563356 | 12723096 | 1.30 | cps |
| Indium | 115-2 | 4913649 | 4929448 | 4897998 | 4913698 | 0.32 | cps |
| Iron | 56-2 | 488029099 | 482609193 | 483490939 | 484709744 | 0.60 | cps |
| Iron | 57-2 | 12097682 | 12022607 | 11906606 | 12008965 | 0.80 | cps |
| Iron | 54-2 | 26385292 | 26214007 | 26260483 | 26286594 | 0.34 | cps |
| Krypton | 83-1 | 367 | 353 | 400 | 373 | 6.44 | cps |

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

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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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02MSDDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:10:37 | DataFile Name : | 025SMPL.d |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3775631 | 3732231 | 3740715 | 3749526 | 0.61 | cps |
| Antimony | 121-1 | 750674 | 758079 | 761767 | 756840 | 0.75 | cps |
| Arsenic | 75-2 | 41521 | 41675 | 42143 | 41780 | 0.77 | cps |
| Barium | 135-1 | 986297 | 992924 | 999811 | 993011 | 0.68 | cps |
| Barium | 137-1 | 1778727 | 1791180 | 1804101 | 1791336 | 0.71 | cps |
| Beryllium | 9-1 | 93234 | 93455 | 93546 | 93412 | 0.17 | cps |
| Bismuth | 209-1 | 9884950 | 9587464 | 9442841 | 9638419 | 2.34 | cps |
| Bismuth | 209-2 | 8184589 | 8181759 | 8176868 | 8181072 | 0.05 | cps |
| Bromine | 81-1 | 14814 | 14671 | 14984 | 14823 | 1.06 | cps |
| Bromine | 81-2 | 377 | 313 | 367 | 352 | 9.67 | cps |
| Cadmium | 108-1 | 14584 | 14627 | 14961 | 14724 | 1.40 | cps |
| Cadmium | 106-1 | 26170 | 25963 | 26648 | 26260 | 1.34 | cps |
| Cadmium | 111-1 | 207880 | 210263 | 209937 | 209360 | 0.62 | cps |
| Calcium | 43-1 | 1496136 | 1494087 | 1511232 | 1500485 | 0.62 | cps |
| Calcium | 44-1 | 23979347 | 24071078 | 24105836 | 24052087 | 0.27 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 317940 | 318106 | 314941 | 316996 | 0.56 | cps |
| Cobalt | 59-2 | 739285 | 735044 | 737022 | 737117 | 0.29 | cps |
| Copper | 63-2 | 2946120 | 2922510 | 2909094 | 2925908 | 0.64 | cps |
| Dysprosium | 156-1 | 79134 | 79832 | 80851 | 79939 | 1.08 | cps |
| Dysprosium | 156-2 | 65579 | 66396 | 65659 | 65878 | 0.68 | cps |
| Erbium | 164-1 | 101992 | 103550 | 104910 | 103484 | 1.41 | cps |
| Erbium | 164-2 | 75472 | 76722 | 76253 | 76149 | 0.83 | cps |
| Gadolinium | 160-1 | 84281 | 85790 | 84540 | 84870 | 0.95 | cps |
| Gadolinium | 160-2 | 65060 | 64939 | 64819 | 64939 | 0.19 | cps |
| Holmium | 165-1 | 16480535 | 16235747 | 16027979 | 16248087 | 1.39 | cps |
| Holmium | 165-2 | 11614323 | 11713889 | 11733944 | 11687385 | 0.55 | cps |
| Indium | 115-1 | 13433359 | 12827830 | 12775685 | 13012291 | 2.81 | cps |
| Indium | 115-2 | 4969837 | 4954278 | 4946822 | 4956979 | 0.24 | cps |
| Iron | 56-2 | 484187953 | 480435766 | 478946833 | 481190184 | 0.56 | cps |
| Iron | 57-2 | 12075019 | 11793824 | 11982049 | 11950297 | 1.20 | cps |
| Iron | 54-2 | 26386310 | 26072190 | 26064993 | 26174498 | 0.70 | cps |
| Krypton | 83-1 | 387 | 323 | 393 | 368 | 10.50 | cps |

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

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | 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 |

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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 | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3877 | 3761 | 3684 | 3774 | 2.58 | cps |
| Lead | 207-1 | 3080 | 3030 | 3114 | 3075 | 1.36 | cps |
| Lead | 208-1 | 15330 | 14533 | 14500 | 14788 | 3.18 | cps |
| Lithium | 6-1 | 1987318 | 1983226 | 1953344 | 1974629 | 0.94 | cps |
| Magnesium | 24-2 | 7950526 | 7895833 | 7970866 | 7939075 | 0.49 | cps |
| Manganese | 55-2 | 6692920 | 6665000 | 6663870 | 6673930 | 0.25 | cps |
| Molybdenum | 94-1 | 5698 | 5578 | 5618 | 5631 | 1.09 | cps |
| Molybdenum | 95-1 | 1107 | 977 | 807 | 963 | 15.62 | cps |
| Molybdenum | 96-1 | 7032 | 7269 | 6965 | 7088 | 2.25 | cps |
| Molybdenum | 97-1 | 620 | 583 | 553 | 586 | 5.70 | cps |
| Molybdenum | 98-1 | 1437 | 1327 | 1010 | 1258 | 17.61 | cps |
| Neodymium | 150-1 | 89697 | 93866 | 91873 | 91812 | 2.27 | cps |
| Neodymium | 150-2 | 57992 | 58424 | 57483 | 57966 | 0.81 | cps |
| Nickel | 60-2 | 17520 | 16893 | 17384 | 17266 | 1.91 | cps |
| Phosphorus | 31-2 | 4064 | 3684 | 3700 | 3816 | 5.63 | cps |
| Potassium | 39-2 | 285201 | 285444 | 285261 | 285302 | 0.04 | cps |
| Rhodium | 103-1 | 11944250 | 11718183 | 11967076 | 11876503 | 1.16 | cps |
| Rhodium | 103-2 | 7229312 | 6885079 | 7132078 | 7082156 | 2.51 | cps |
| Scandium | 45-1 | 7122363 | 7021967 | 7113744 | 7086025 | 0.79 | cps |
| Scandium | 45-2 | 636801 | 605636 | 621955 | 621464 | 2.51 | cps |
| Selenium | 82-1 | 190 | 241 | 192 | 208 | 13.81 | cps |
| Selenium | 77-2 | 147 | 187 | 200 | 178 | 15.61 | cps |
| Selenium | 78-2 | 610 | 593 | 597 | 600 | 1.47 | cps |
| Silicon | 28-1 | 83298050 | 84572575 | 84590627 | 84153751 | 0.88 | cps |
| Silver | 107-1 | 280 | 273 | 340 | 298 | 12.33 | cps |
| Silver | 109-1 | 207 | 227 | 180 | 204 | 11.45 | cps |
| Sodium | 23-2 | 4215515 | 4254037 | 4287346 | 4252299 | 0.85 | cps |
| Strontium | 86-1 | 409812 | 417728 | 415814 | 414451 | 1.00 | cps |
| Strontium | 88-1 | 3685685 | 3759563 | 3798313 | 3747854 | 1.53 | cps |
| Sulfur | 34-1 | 5110791 | 5085057 | 5184366 | 5126738 | 1.01 | cps |
| Terbium | 159-1 | 16860394 | 16299769 | 16477324 | 16545829 | 1.73 | cps |
| Terbium | 159-2 | 11711590 | 11079275 | 11440000 | 11410288 | 2.78 | cps |
| Thallium | 203-1 | 827 | 723 | 647 | 732 | 12.34 | cps |
| Thallium | 205-1 | 1717 | 1580 | 1413 | 1570 | 9.68 | cps |
| Tin | 118-1 | 3024 | 3157 | 2954 | 3045 | 3.39 | cps |
| Titanium | 47-1 | 3324 | 3377 | 3434 | 3378 | 1.63 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 46217 | 46284 | 47260 | 46587 | 1.25 | cps |
| Vanadium | 51-2 | 502634 | 502224 | 499427 | 501428 | 0.35 | cps |
| Yttrium | 89-1 | 21716986 | 21669580 | 21818418 | 21734995 | 0.35 | cps |
| Yttrium | 89-2 | 6120358 | 5798230 | 5964413 | 5961000 | 2.70 | cps |
| Zinc | 66-2 | 128829 | 128039 | 129398 | 128756 | 0.53 | cps |
| Zirconium | 90-1 | 12826 | 13610 | 12946 | 13127 | 3.22 | cps |
| Zirconium | 91-1 | 2927 | 2924 | 2950 | 2934 | 0.50 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3241465 | 3193761 | 3214910 | 3216712 | 0.74 | cps |
| Antimony | 121-1 | 400 | 343 | 353 | 366 | 8.27 | cps |
| Arsenic | 75-2 | 607 | 557 | 527 | 563 | 7.17 | cps |
| Barium | 135-1 | 64294 | 65312 | 64857 | 64821 | 0.79 | cps |
| Barium | 137-1 | 112678 | 113586 | 113159 | 113141 | 0.40 | cps |
| Beryllium | 9-1 | 483 | 570 | 583 | 546 | 9.95 | cps |
| Bismuth | 209-1 | 9536558 | 9515454 | 9389292 | 9480435 | 0.84 | cps |
| Bismuth | 209-2 | 8291501 | 8190854 | 8225423 | 8235926 | 0.62 | cps |
| Bromine | 81-1 | 15245 | 15432 | 15001 | 15226 | 1.42 | cps |
| Bromine | 81-2 | 300 | 353 | 370 | 341 | 10.72 | cps |
| Cadmium | 108-1 | 20 | 37 | 13 | 23 | 51.52 | cps |
| Cadmium | 106-1 | 5208 | 5001 | 5114 | 5108 | 2.03 | cps |
| Cadmium | 111-1 | 1437 | 1379 | 1410 | 1409 | 2.08 | cps |
| Calcium | 43-1 | 1610528 | 1598780 | 1642911 | 1617406 | 1.41 | cps |
| Calcium | 44-1 | 25472871 | 25673981 | 25981896 | 25709583 | 1.00 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 15121 | 14714 | 14584 | 14806 | 1.89 | cps |
| Cobalt | 59-2 | 263820 | 262529 | 262020 | 262790 | 0.35 | cps |
| Copper | 63-2 | 32883 | 32512 | 32138 | 32511 | 1.15 | cps |
| Dysprosium | 156-1 | 81944 | 82678 | 84589 | 83070 | 1.64 | cps |
| Dysprosium | 156-2 | 68861 | 69380 | 69256 | 69166 | 0.39 | cps |
| Erbium | 164-1 | 112334 | 111806 | 113013 | 112384 | 0.54 | cps |
| Erbium | 164-2 | 82310 | 83373 | 83112 | 82932 | 0.67 | cps |
| Gadolinium | 160-1 | 90184 | 89359 | 90342 | 89962 | 0.59 | cps |
| Gadolinium | 160-2 | 69411 | 69139 | 68554 | 69034 | 0.63 | cps |
| Holmium | 165-1 | 16109245 | 16092451 | 16147600 | 16116432 | 0.18 | cps |
| Holmium | 165-2 | 11742083 | 11888582 | 11675439 | 11768702 | 0.93 | cps |
| Indium | 115-1 | 13032635 | 12961335 | 12911686 | 12968552 | 0.47 | cps |
| Indium | 115-2 | 4990498 | 5003359 | 4927610 | 4973823 | 0.81 | cps |
| Iron | 56-2 | 494706993 | 497722339 | 493063139 | 495164157 | 0.48 | cps |
| Iron | 57-2 | 12265605 | 12207627 | 12150860 | 12208031 | 0.47 | cps |
| Iron | 54-2 | 26890028 | 26826117 | 26805853 | 26840666 | 0.16 | cps |
| Krypton | 83-1 | 410 | 433 | 383 | 409 | 6.12 | cps |

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

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 49298 | 50833 | 50583 | 50238 | 1.64 | cps |
| Vanadium | 51-2 | 511360 | 510974 | 509851 | 510728 | 0.15 | cps |
| Yttrium | 89-1 | 21721356 | 21503740 | 21618163 | 21614419 | 0.50 | cps |
| Yttrium | 89-2 | 6104724 | 6060708 | 6041407 | 6068946 | 0.53 | cps |
| Zinc | 66-2 | 124332 | 124991 | 123001 | 124108 | 0.82 | cps |
| Zirconium | 90-1 | 9947 | 10391 | 10437 | 10258 | 2.64 | cps |
| Zirconium | 91-1 | 2290 | 2204 | 2394 | 2296 | 4.14 | cps |

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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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:23:02 | DataFile Name : | 029CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23015270 | 23469292 | 23340616 | 23275059 | 1.01 | cps |
| Lead | 207-1 | 20430601 | 20575376 | 20692825 | 20566267 | 0.64 | cps |
| Lead | 208-1 | 92919083 | 93789352 | 94113816 | 93607417 | 0.66 | cps |
| Lithium | 6-1 | 1858311 | 1853715 | 1845572 | 1852533 | 0.35 | cps |
| Magnesium | 24-2 | 104081072 | 104483058 | 104562135 | 104375422 | 0.25 | cps |
| Manganese | 55-2 | 18739691 | 18972418 | 18715253 | 18809120 | 0.75 | cps |
| Molybdenum | 94-1 | 20689576 | 20364924 | 20413994 | 20489498 | 0.85 | cps |
| Molybdenum | 95-1 | 30101695 | 29444797 | 29762453 | 29769648 | 1.10 | cps |
| Molybdenum | 96-1 | 33253272 | 32474868 | 32377100 | 32701746 | 1.47 | cps |
| Molybdenum | 97-1 | 18781843 | 18591251 | 18311048 | 18561381 | 1.28 | cps |
| Molybdenum | 98-1 | 48090596 | 48244258 | 47516954 | 47950603 | 0.80 | cps |
| Neodymium | 150-1 | 490 | 503 | 470 | 488 | 3.44 | cps |
| Neodymium | 150-2 | 173 | 147 | 173 | 164 | 9.36 | cps |
| Nickel | 60-2 | 834252 | 838412 | 832425 | 835030 | 0.37 | cps |
| Phosphorus | 31-2 | 120973 | 120990 | 121961 | 121308 | 0.47 | cps |
| Potassium | 39-2 | 68077352 | 68617587 | 67822334 | 68172425 | 0.60 | cps |
| Rhodium | 103-1 | 10540264 | 10446854 | 10290002 | 10425707 | 1.21 | cps |
| Rhodium | 103-2 | 6275039 | 6214421 | 6184507 | 6224656 | 0.74 | cps |
| Scandium | 45-1 | 6613123 | 6456138 | 6330222 | 6466494 | 2.19 | cps |
| Scandium | 45-2 | 562669 | 569743 | 563278 | 565230 | 0.69 | cps |
| Selenium | 82-1 | 86827 | 86907 | 85555 | 86429 | 0.88 | cps |
| Selenium | 77-2 | 9070 | 9403 | 8973 | 9148 | 2.47 | cps |
| Selenium | 78-2 | 31560 | 30989 | 31190 | 31246 | 0.93 | cps |
| Silicon | 28-1 | 7771276 | 7641262 | 7629437 | 7680658 | 1.02 | cps |
| Silver | 107-1 | 7212577 | 7272108 | 7141604 | 7208763 | 0.91 | cps |
| Silver | 109-1 | 6972596 | 6892208 | 6988083 | 6950962 | 0.74 | cps |
| Sodium | 23-2 | 168418927 | 170778121 | 169410214 | 169535754 | 0.70 | cps |
| Strontium | 86-1 | 1886600 | 1913633 | 1896561 | 1898931 | 0.72 | cps |
| Strontium | 88-1 | 16591548 | 16411788 | 16364448 | 16455928 | 0.73 | cps |
| Sulfur | 34-1 | 558202 | 543266 | 543427 | 548298 | 1.56 | cps |
| Terbium | 159-1 | 15905752 | 15610916 | 15915592 | 15810753 | 1.10 | cps |
| Terbium | 159-2 | 11006870 | 10987024 | 10798521 | 10930805 | 1.05 | cps |
| Thallium | 203-1 | 5863528 | 5935242 | 5924456 | 5907742 | 0.65 | cps |
| Thallium | 205-1 | 13786274 | 13945909 | 14081319 | 13937834 | 1.06 | cps |
| Tin | 118-1 | 4998200 | 4920778 | 4960731 | 4959903 | 0.78 | cps |
| Titanium | 47-1 | 7133871 | 7043012 | 7053383 | 7076755 | 0.70 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:23:02 | DataFile Name : | 029CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18545533 | 18707538 | 18597589 | 18616887 | 0.44 | cps |
| Vanadium | 51-2 | 2029155 | 2047632 | 2064525 | 2047104 | 0.86 | cps |
| Yttrium | 89-1 | 18694530 | 18235433 | 18134866 | 18354943 | 1.63 | cps |
| Yttrium | 89-2 | 5115568 | 5070737 | 5034286 | 5073530 | 0.80 | cps |
| Zinc | 66-2 | 4196073 | 4214137 | 4232287 | 4214166 | 0.43 | cps |
| Zirconium | 90-1 | 10258955 | 10035247 | 10041418 | 10111873 | 1.26 | cps |
| Zirconium | 91-1 | 2276184 | 2235396 | 2258200 | 2256593 | 0.91 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:25:49 | DataFile Name : | 030CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 393 | 323 | 944 | 553 | 61.39 | cps |
| Antimony | 121-1 | 3390 | 2994 | 2384 | 2923 | 17.35 | cps |
| Arsenic | 75-2 | 23 | 20 | 10 | 18 | 39.03 | cps |
| Barium | 135-1 | 1317 | 793 | 417 | 842 | 53.67 | cps |
| Barium | 137-1 | 2324 | 1347 | 840 | 1503 | 50.16 | cps |
| Beryllium | 9-1 | 330 | 237 | 233 | 267 | 20.58 | cps |
| Bismuth | 209-1 | 10083976 | 9891194 | 10007887 | 9994352 | 0.97 | cps |
| Bismuth | 209-2 | 8253498 | 8352105 | 8429401 | 8345001 | 1.06 | cps |
| Bromine | 81-1 | 13346 | 13696 | 13716 | 13586 | 1.53 | cps |
| Bromine | 81-2 | 187 | 153 | 147 | 162 | 13.21 | cps |
| Cadmium | 108-1 | 23 | 10 | 17 | 17 | 39.99 | cps |
| Cadmium | 106-1 | 4617 | 4337 | 4431 | 4462 | 3.20 | cps |
| Cadmium | 111-1 | 1219 | 1080 | 1013 | 1104 | 9.52 | cps |
| Calcium | 43-1 | 1537 | 1067 | 723 | 1109 | 36.82 | cps |
| Calcium | 44-1 | 27983 | 19923 | 13530 | 20479 | 35.37 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1983 | 2077 | 1990 | 2017 | 2.58 | cps |
| Cobalt | 59-2 | 210 | 187 | 217 | 204 | 7.70 | cps |
| Copper | 63-2 | 1843 | 1787 | 1630 | 1753 | 6.30 | cps |
| Dysprosium | 156-1 | 17 | 17 | 10 | 14 | 26.66 | cps |
| Dysprosium | 156-2 | 10 | 13 | 40 | 21 | 77.90 | cps |
| Erbium | 164-1 | 87 | 83 | 70 | 80 | 11.02 | cps |
| Erbium | 164-2 | 30 | 43 | 90 | 54 | 57.87 | cps |
| Gadolinium | 160-1 | 60 | 40 | 50 | 50 | 20.00 | cps |
| Gadolinium | 160-2 | 627 | 647 | 740 | 671 | 9.01 | cps |
| Holmium | 165-1 | 16232926 | 15876771 | 15920807 | 16010168 | 1.21 | cps |
| Holmium | 165-2 | 11606069 | 11492606 | 11607174 | 11568616 | 0.57 | cps |
| Indium | 115-1 | 13047142 | 12805113 | 12945386 | 12932547 | 0.94 | cps |
| Indium | 115-2 | 4875734 | 4881354 | 4869099 | 4875395 | 0.13 | cps |
| Iron | 56-2 | 41223 | 37564 | 55942 | 44910 | 21.66 | cps |
| Iron | 57-2 | 1507 | 1363 | 1967 | 1612 | 19.56 | cps |
| Iron | 54-2 | 3670 | 3424 | 4178 | 3757 | 10.24 | cps |
| Krypton | 83-1 | 227 | 227 | 233 | 229 | 1.68 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:25:49 | DataFile Name : | 030CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4561 | 3197 | 1953 | 3237 | 40.29 | cps |
| Lead | 207-1 | 3871 | 2857 | 1550 | 2759 | 42.16 | cps |
| Lead | 208-1 | 17661 | 12496 | 7451 | 12536 | 40.73 | cps |
| Lithium | 6-1 | 2042346 | 1992247 | 2052931 | 2029174 | 1.60 | cps |
| Magnesium | 24-2 | 3247 | 2957 | 8945 | 5050 | 66.87 | cps |
| Manganese | 55-2 | 950 | 930 | 1260 | 1047 | 17.68 | cps |
| Molybdenum | 94-1 | 4477 | 3180 | 1923 | 3194 | 39.98 | cps |
| Molybdenum | 95-1 | 6105 | 3807 | 2547 | 4153 | 43.44 | cps |
| Molybdenum | 96-1 | 6311 | 4134 | 2517 | 4321 | 44.07 | cps |
| Molybdenum | 97-1 | 3550 | 2457 | 1483 | 2497 | 41.42 | cps |
| Molybdenum | 98-1 | 9560 | 6375 | 3711 | 6548 | 44.72 | cps |
| Neodymium | 150-1 | 13 | 7 | 27 | 16 | 65.47 | cps |
| Neodymium | 150-2 | 3 | 13 | 17 | 11 | 62.48 | cps |
| Nickel | 60-2 | 660 | 657 | 573 | 630 | 7.79 | cps |
| Phosphorus | 31-2 | 143 | 127 | 160 | 143 | 11.63 | cps |
| Potassium | 39-2 | 57508 | 56655 | 57790 | 57318 | 1.03 | cps |
| Rhodium | 103-1 | 11752273 | 11629036 | 11670285 | 11683865 | 0.54 | cps |
| Rhodium | 103-2 | 7122358 | 7009526 | 7123831 | 7085238 | 0.93 | cps |
| Scandium | 45-1 | 6823753 | 6669445 | 6716672 | 6736623 | 1.17 | cps |
| Scandium | 45-2 | 595031 | 593234 | 596406 | 594890 | 0.27 | cps |
| Selenium | 82-1 | 150 | 60 | 72 | 94 | 52.22 | cps |
| Selenium | 77-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Selenium | 78-2 | 353 | 380 | 387 | 373 | 4.73 | cps |
| Silicon | 28-1 | 568199 | 554290 | 553318 | 558602 | 1.49 | cps |
| Silver | 107-1 | 1760 | 1277 | 1007 | 1348 | 28.32 | cps |
| Silver | 109-1 | 1827 | 1167 | 900 | 1298 | 36.76 | cps |
| Sodium | 23-2 | 43628 | 41870 | 47878 | 44459 | 6.95 | cps |
| Strontium | 86-1 | 683 | 660 | 443 | 596 | 22.22 | cps |
| Strontium | 88-1 | 3027 | 1747 | 1067 | 1947 | 51.13 | cps |
| Sulfur | 34-1 | 161510 | 163982 | 166537 | 164010 | 1.53 | cps |
| Terbium | 159-1 | 16420355 | 16507480 | 16370446 | 16432760 | 0.42 | cps |
| Terbium | 159-2 | 11329216 | 11292844 | 11424452 | 11348837 | 0.60 | cps |
| Thallium | 203-1 | 1543 | 1307 | 1050 | 1300 | 18.98 | cps |
| Thallium | 205-1 | 3624 | 2824 | 2444 | 2964 | 20.33 | cps |
| Tin | 118-1 | 2417 | 1990 | 1737 | 2048 | 16.78 | cps |
| Titanium | 47-1 | 1440 | 893 | 553 | 962 | 46.49 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB012 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB012 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:25:49 | DataFile Name : | 030CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3044 | 1954 | 1010 | 2002 | 50.82 | cps |
| Vanadium | 51-2 | 80 | 40 | 93 | 71 | 39.03 | cps |
| Yttrium | 89-1 | 19481428 | 18868130 | 19130674 | 19160077 | 1.61 | cps |
| Yttrium | 89-2 | 5292232 | 5272605 | 5384811 | 5316549 | 1.13 | cps |
| Zinc | 66-2 | 253 | 287 | 350 | 297 | 16.55 | cps |
| Zirconium | 90-1 | 3004 | 2510 | 1817 | 2444 | 24.40 | cps |
| Zirconium | 91-1 | 630 | 450 | 400 | 493 | 24.52 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:29:07 | DataFile Name : | 031CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 213 | 260 | 257 | 243 | 10.70 | cps |
| Antimony | 121-1 | 600 | 670 | 587 | 619 | 7.23 | cps |
| Arsenic | 75-2 | 7 | 3 | 7 | 6 | 34.70 | cps |
| Barium | 135-1 | 100 | 90 | 50 | 80 | 33.07 | cps |
| Barium | 137-1 | 143 | 157 | 137 | 146 | 7.00 | cps |
| Beryllium | 9-1 | 157 | 150 | 110 | 139 | 18.17 | cps |
| Bismuth | 209-1 | 9811235 | 9645155 | 9699578 | 9718656 | 0.87 | cps |
| Bismuth | 209-2 | 8348068 | 8222467 | 8291105 | 8287213 | 0.76 | cps |
| Bromine | 81-1 | 13766 | 13339 | 13289 | 13465 | 1.95 | cps |
| Bromine | 81-2 | 120 | 147 | 97 | 121 | 20.66 | cps |
| Cadmium | 108-1 | 7 | 20 | 13 | 13 | 49.99 | cps |
| Cadmium | 106-1 | 4531 | 4727 | 4624 | 4627 | 2.13 | cps |
| Cadmium | 111-1 | 945 | 975 | 959 | 960 | 1.56 | cps |
| Calcium | 43-1 | 253 | 330 | 297 | 293 | 13.11 | cps |
| Calcium | 44-1 | 7472 | 7375 | 7178 | 7342 | 2.04 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1423 | 1430 | 1337 | 1397 | 3.73 | cps |
| Cobalt | 59-2 | 147 | 117 | 137 | 133 | 11.46 | cps |
| Copper | 63-2 | 1307 | 1190 | 1230 | 1242 | 4.77 | cps |
| Dysprosium | 156-1 | 3 | 7 | 7 | 6 | 34.70 | cps |
| Dysprosium | 156-2 | 0 | 10 | 7 | 6 | 91.64 | cps |
| Erbium | 164-1 | 97 | 73 | 107 | 92 | 18.55 | cps |
| Erbium | 164-2 | 50 | 47 | 37 | 44 | 15.61 | cps |
| Gadolinium | 160-1 | 67 | 80 | 47 | 64 | 26.03 | cps |
| Gadolinium | 160-2 | 600 | 603 | 610 | 604 | 0.84 | cps |
| Holmium | 165-1 | 15778064 | 15719769 | 15481882 | 15659905 | 1.00 | cps |
| Holmium | 165-2 | 11444472 | 11392372 | 11282741 | 11373195 | 0.73 | cps |
| Indium | 115-1 | 13061998 | 12674472 | 12880438 | 12872303 | 1.51 | cps |
| Indium | 115-2 | 4836244 | 4819883 | 4829840 | 4828656 | 0.17 | cps |
| Iron | 56-2 | 22320 | 21936 | 21756 | 22004 | 1.31 | cps |
| Iron | 57-2 | 1050 | 1080 | 1070 | 1067 | 1.43 | cps |
| Iron | 54-2 | 2707 | 2650 | 2644 | 2667 | 1.31 | cps |
| Krypton | 83-1 | 183 | 217 | 270 | 223 | 19.57 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:29:07 | DataFile Name : | 031CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 690 | 680 | 720 | 697 | 2.99 | cps |
| Lead | 207-1 | 617 | 617 | 600 | 611 | 1.57 | cps |
| Lead | 208-1 | 2830 | 2737 | 2707 | 2758 | 2.33 | cps |
| Lithium | 6-1 | 2033796 | 2022150 | 2056188 | 2037378 | 0.85 | cps |
| Magnesium | 24-2 | 1300 | 1227 | 1133 | 1220 | 6.85 | cps |
| Manganese | 55-2 | 763 | 880 | 863 | 836 | 7.55 | cps |
| Molybdenum | 94-1 | 643 | 657 | 613 | 638 | 3.48 | cps |
| Molybdenum | 95-1 | 453 | 443 | 440 | 446 | 1.56 | cps |
| Molybdenum | 96-1 | 530 | 517 | 580 | 542 | 6.16 | cps |
| Molybdenum | 97-1 | 297 | 333 | 307 | 312 | 6.07 | cps |
| Molybdenum | 98-1 | 730 | 707 | 723 | 720 | 1.67 | cps |
| Neodymium | 150-1 | 0 | 13 | 13 | 9 | 86.60 | cps |
| Neodymium | 150-2 | 3 | 10 | 3 | 6 | 69.34 | cps |
| Nickel | 60-2 | 477 | 463 | 483 | 474 | 2.15 | cps |
| Phosphorus | 31-2 | 183 | 143 | 143 | 157 | 14.74 | cps |
| Potassium | 39-2 | 54377 | 52751 | 53467 | 53531 | 1.52 | cps |
| Rhodium | 103-1 | 11650950 | 11737079 | 11727569 | 11705199 | 0.40 | cps |
| Rhodium | 103-2 | 7033299 | 7076811 | 7071547 | 7060552 | 0.34 | cps |
| Scandium | 45-1 | 6811897 | 6754468 | 6735619 | 6767328 | 0.59 | cps |
| Scandium | 45-2 | 593774 | 595353 | 600063 | 596397 | 0.55 | cps |
| Selenium | 82-1 | 152 | 92 | -16 | 76 | 111.69 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 423 | 393 | 440 | 419 | 5.65 | cps |
| Silicon | 28-1 | 564951 | 558046 | 564950 | 562649 | 0.71 | cps |
| Silver | 107-1 | 293 | 237 | 270 | 267 | 10.68 | cps |
| Silver | 109-1 | 293 | 233 | 237 | 254 | 13.25 | cps |
| Sodium | 23-2 | 26249 | 26326 | 25648 | 26074 | 1.42 | cps |
| Strontium | 86-1 | 340 | 373 | 360 | 358 | 4.69 | cps |
| Strontium | 88-1 | 440 | 320 | 400 | 387 | 15.80 | cps |
| Sulfur | 34-1 | 169205 | 171365 | 173155 | 171242 | 1.16 | cps |
| Terbium | 159-1 | 16416149 | 16020442 | 16124241 | 16186944 | 1.27 | cps |
| Terbium | 159-2 | 11227763 | 11201081 | 11364760 | 11264535 | 0.78 | cps |
| Thallium | 203-1 | 627 | 563 | 557 | 582 | 6.64 | cps |
| Thallium | 205-1 | 1320 | 1437 | 1370 | 1376 | 4.26 | cps |
| Tin | 118-1 | 1620 | 1657 | 1627 | 1635 | 1.19 | cps |
| Titanium | 47-1 | 113 | 160 | 97 | 123 | 26.62 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:29:07 | DataFile Name : | 031CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 103 | 97 | 123 | 108 | 12.88 | cps |
| Vanadium | 51-2 | 30 | 37 | 57 | 41 | 33.76 | cps |
| Yttrium | 89-1 | 18982130 | 19100385 | 19173140 | 19085218 | 0.51 | cps |
| Yttrium | 89-2 | 5352859 | 5218123 | 5339769 | 5303584 | 1.40 | cps |
| Zinc | 66-2 | 330 | 343 | 377 | 350 | 6.87 | cps |
| Zirconium | 90-1 | 783 | 927 | 947 | 886 | 10.06 | cps |
| Zirconium | 91-1 | 190 | 193 | 157 | 180 | 11.26 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11298 | 11281 | 11444 | 11341 | 0.79 | cps |
| Antimony | 121-1 | 49297 | 49281 | 49471 | 49350 | 0.21 | cps |
| Arsenic | 75-2 | 1400 | 1353 | 1383 | 1379 | 1.72 | cps |
| Barium | 135-1 | 60859 | 60997 | 60688 | 60848 | 0.25 | cps |
| Barium | 137-1 | 105645 | 106877 | 106394 | 106305 | 0.58 | cps |
| Beryllium | 9-1 | 3297 | 3187 | 3370 | 3285 | 2.81 | cps |
| Bismuth | 209-1 | 9826198 | 9713814 | 9536308 | 9692107 | 1.51 | cps |
| Bismuth | 209-2 | 8196161 | 8213081 | 8252083 | 8220442 | 0.35 | cps |
| Bromine | 81-1 | 13366 | 13723 | 13036 | 13375 | 2.57 | cps |
| Bromine | 81-2 | 110 | 150 | 117 | 126 | 17.07 | cps |
| Cadmium | 108-1 | 380 | 450 | 497 | 442 | 13.28 | cps |
| Cadmium | 106-1 | 5498 | 5258 | 5228 | 5328 | 2.78 | cps |
| Cadmium | 111-1 | 7738 | 7560 | 7524 | 7607 | 1.51 | cps |
| Calcium | 43-1 | 32171 | 32231 | 33089 | 32497 | 1.58 | cps |
| Calcium | 44-1 | 531551 | 531855 | 528373 | 530593 | 0.36 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19516 | 20731 | 20207 | 20151 | 3.02 | cps |
| Cobalt | 59-2 | 15735 | 15622 | 15541 | 15633 | 0.62 | cps |
| Copper | 63-2 | 23251 | 23872 | 23245 | 23456 | 1.54 | cps |
| Dysprosium | 156-1 | 10 | 10 | 20 | 13 | 43.30 | cps |
| Dysprosium | 156-2 | 13 | 10 | 7 | 10 | 33.30 | cps |
| Erbium | 164-1 | 77 | 73 | 93 | 81 | 13.21 | cps |
| Erbium | 164-2 | 53 | 70 | 47 | 57 | 21.21 | cps |
| Gadolinium | 160-1 | 87 | 83 | 63 | 78 | 16.23 | cps |
| Gadolinium | 160-2 | 640 | 677 | 647 | 654 | 2.98 | cps |
| Holmium | 165-1 | 15855536 | 15851514 | 15477021 | 15728023 | 1.38 | cps |
| Holmium | 165-2 | 11380459 | 11328931 | 11431700 | 11380363 | 0.45 | cps |
| Indium | 115-1 | 12862259 | 12908273 | 12698577 | 12823036 | 0.86 | cps |
| Indium | 115-2 | 4846893 | 4933499 | 4864464 | 4881619 | 0.94 | cps |
| Iron | 56-2 | 1932069 | 1923631 | 1925536 | 1927079 | 0.23 | cps |
| Iron | 57-2 | 48327 | 48073 | 48882 | 48428 | 0.85 | cps |
| Iron | 54-2 | 107168 | 108131 | 107443 | 107581 | 0.46 | cps |
| Krypton | 83-1 | 207 | 163 | 153 | 174 | 16.25 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19387 | 19150 | 18740 | 19092 | 1.72 | cps |
| Lead | 207-1 | 16861 | 16964 | 17034 | 16953 | 0.52 | cps |
| Lead | 208-1 | 77353 | 77410 | 76752 | 77172 | 0.47 | cps |
| Lithium | 6-1 | 2028107 | 2045699 | 2011403 | 2028403 | 0.85 | cps |
| Magnesium | 24-2 | 426019 | 424433 | 425449 | 425300 | 0.19 | cps |
| Manganese | 55-2 | 8889 | 8916 | 9059 | 8955 | 1.02 | cps |
| Molybdenum | 94-1 | 48547 | 49222 | 48972 | 48914 | 0.70 | cps |
| Molybdenum | 95-1 | 59062 | 59417 | 58904 | 59128 | 0.44 | cps |
| Molybdenum | 96-1 | 66715 | 66179 | 65928 | 66274 | 0.61 | cps |
| Molybdenum | 97-1 | 37057 | 38039 | 37257 | 37451 | 1.39 | cps |
| Molybdenum | 98-1 | 96328 | 97124 | 95412 | 96288 | 0.89 | cps |
| Neodymium | 150-1 | 13 | 17 | 10 | 13 | 25.01 | cps |
| Neodymium | 150-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Nickel | 60-2 | 4627 | 4341 | 4381 | 4450 | 3.49 | cps |
| Phosphorus | 31-2 | 753 | 850 | 763 | 789 | 6.74 | cps |
| Potassium | 39-2 | 649548 | 645828 | 648464 | 647947 | 0.30 | cps |
| Rhodium | 103-1 | 11792749 | 11726674 | 11642072 | 11720498 | 0.64 | cps |
| Rhodium | 103-2 | 7130025 | 7164536 | 7032352 | 7108971 | 0.96 | cps |
| Scandium | 45-1 | 6973787 | 6880692 | 6820277 | 6891585 | 1.12 | cps |
| Scandium | 45-2 | 608020 | 608533 | 610212 | 608922 | 0.19 | cps |
| Selenium | 82-1 | 1948 | 2134 | 2122 | 2068 | 5.01 | cps |
| Selenium | 77-2 | 253 | 260 | 303 | 272 | 9.97 | cps |
| Selenium | 78-2 | 1203 | 1117 | 1177 | 1166 | 3.81 | cps |
| Silicon | 28-1 | 689703 | 690873 | 691133 | 690570 | 0.11 | cps |
| Silver | 107-1 | 30198 | 30940 | 31274 | 30804 | 1.79 | cps |
| Silver | 109-1 | 28685 | 29527 | 29463 | 29225 | 1.60 | cps |
| Sodium | 23-2 | 705305 | 696880 | 699605 | 700597 | 0.61 | cps |
| Strontium | 86-1 | 7889 | 7782 | 7659 | 7777 | 1.48 | cps |
| Strontium | 88-1 | 66021 | 67397 | 66945 | 66787 | 1.05 | cps |
| Sulfur | 34-1 | 177751 | 178337 | 177720 | 177936 | 0.20 | cps |
| Terbium | 159-1 | 16328704 | 16180441 | 16154848 | 16221331 | 0.58 | cps |
| Terbium | 159-2 | 11288282 | 11323507 | 11240569 | 11284120 | 0.37 | cps |
| Thallium | 203-1 | 23510 | 23734 | 23611 | 23618 | 0.47 | cps |
| Thallium | 205-1 | 56567 | 55897 | 56105 | 56190 | 0.61 | cps |
| Tin | 118-1 | 102313 | 104045 | 103297 | 103219 | 0.84 | cps |
| Titanium | 47-1 | 3640 | 3514 | 3627 | 3594 | 1.94 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 67902 | 68981 | 67614 | 68166 | 1.06 | cps |
| Vanadium | 51-2 | 42857 | 43148 | 43486 | 43164 | 0.73 | cps |
| Yttrium | 89-1 | 19353066 | 19186280 | 18907369 | 19148905 | 1.18 | cps |
| Yttrium | 89-2 | 5351180 | 5454111 | 5332987 | 5379426 | 1.21 | cps |
| Zinc | 66-2 | 10120 | 10370 | 10510 | 10334 | 1.91 | cps |
| Zirconium | 90-1 | 40903 | 40840 | 41883 | 41209 | 1.42 | cps |
| Zirconium | 91-1 | 9220 | 9080 | 9190 | 9163 | 0.80 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1918177 | 1904450 | 1889211 | 1903946 | 0.76 | cps |
| Antimony | 121-1 | 52449 | 53586 | 53884 | 53306 | 1.42 | cps |
| Arsenic | 75-2 | 53258 | 54058 | 52646 | 53321 | 1.33 | cps |
| Barium | 135-1 | 73334 | 75552 | 74781 | 74556 | 1.51 | cps |
| Barium | 137-1 | 129931 | 130734 | 129973 | 130213 | 0.35 | cps |
| Beryllium | 9-1 | 350 | 373 | 337 | 353 | 5.25 | cps |
| Bismuth | 209-1 | 10242875 | 9900331 | 9863285 | 10002164 | 2.09 | cps |
| Bismuth | 209-2 | 8600538 | 8437892 | 8472836 | 8503755 | 1.01 | cps |
| Bromine | 81-1 | 34440 | 38213 | 38463 | 37039 | 6.09 | cps |
| Bromine | 81-2 | 5734 | 5471 | 5491 | 5566 | 2.64 | cps |
| Cadmium | 108-1 | 173 | 127 | 117 | 139 | 21.78 | cps |
| Cadmium | 106-1 | 5411 | 5068 | 4744 | 5074 | 6.57 | cps |
| Cadmium | 111-1 | 2946 | 2815 | 2873 | 2878 | 2.29 | cps |
| Calcium | 43-1 | 145497 | 148316 | 149491 | 147768 | 1.39 | cps |
| Calcium | 44-1 | 2288444 | 2337033 | 2386094 | 2337190 | 2.09 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 120305 | 119391 | 120120 | 119939 | 0.40 | cps |
| Cobalt | 59-2 | 52107 | 52649 | 52026 | 52261 | 0.65 | cps |
| Copper | 63-2 | 2020841 | 1977708 | 2012541 | 2003696 | 1.14 | cps |
| Dysprosium | 156-1 | 23460 | 23680 | 23880 | 23673 | 0.89 | cps |
| Dysprosium | 156-2 | 20555 | 20155 | 20008 | 20239 | 1.40 | cps |
| Erbium | 164-1 | 21356 | 21907 | 21760 | 21675 | 1.32 | cps |
| Erbium | 164-2 | 15722 | 15852 | 15966 | 15847 | 0.77 | cps |
| Gadolinium | 160-1 | 23513 | 23977 | 24091 | 23860 | 1.28 | cps |
| Gadolinium | 160-2 | 18839 | 18576 | 19333 | 18916 | 2.03 | cps |
| Holmium | 165-1 | 16911378 | 16172629 | 16379464 | 16487824 | 2.31 | cps |
| Holmium | 165-2 | 12015352 | 11717187 | 11946915 | 11893151 | 1.31 | cps |
| Indium | 115-1 | 13659306 | 12957694 | 13195316 | 13270772 | 2.69 | cps |
| Indium | 115-2 | 5149178 | 5021435 | 4941551 | 5037388 | 2.08 | cps |
| Iron | 56-2 | 57067919 | 56761221 | 57541729 | 57123623 | 0.69 | cps |
| Iron | 57-2 | 1423281 | 1429515 | 1416870 | 1423222 | 0.44 | cps |
| Iron | 54-2 | 3104106 | 3120156 | 3111910 | 3112057 | 0.26 | cps |
| Krypton | 83-1 | 247 | 240 | 190 | 226 | 13.73 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 454161 | 457397 | 462568 | 458042 | 0.93 | cps |
| Lead | 207-1 | 395534 | 403281 | 406764 | 401860 | 1.43 | cps |
| Lead | 208-1 | 1799526 | 1836517 | 1841992 | 1826011 | 1.27 | cps |
| Lithium | 6-1 | 2181488 | 2070727 | 2048270 | 2100162 | 3.40 | cps |
| Magnesium | 24-2 | 2007711 | 2035116 | 2018277 | 2020368 | 0.68 | cps |
| Manganese | 55-2 | 492923 | 499272 | 496520 | 496238 | 0.64 | cps |
| Molybdenum | 94-1 | 30422 | 31978 | 31477 | 31292 | 2.54 | cps |
| Molybdenum | 95-1 | 16192 | 16556 | 16503 | 16417 | 1.20 | cps |
| Molybdenum | 96-1 | 22047 | 22217 | 23008 | 22424 | 2.29 | cps |
| Molybdenum | 97-1 | 10234 | 10517 | 10484 | 10412 | 1.49 | cps |
| Molybdenum | 98-1 | 26875 | 27165 | 26938 | 26993 | 0.57 | cps |
| Neodymium | 150-1 | 37440 | 38539 | 37770 | 37916 | 1.49 | cps |
| Neodymium | 150-2 | 23256 | 23970 | 23066 | 23431 | 2.04 | cps |
| Nickel | 60-2 | 37784 | 37911 | 38045 | 37913 | 0.34 | cps |
| Phosphorus | 31-2 | 11991 | 12302 | 12335 | 12209 | 1.55 | cps |
| Potassium | 39-2 | 793500 | 788441 | 796524 | 792822 | 0.52 | cps |
| Rhodium | 103-1 | 12625961 | 11890808 | 11998218 | 12171662 | 3.26 | cps |
| Rhodium | 103-2 | 7419938 | 7428395 | 7369479 | 7405937 | 0.43 | cps |
| Scandium | 45-1 | 7425290 | 6974025 | 7052574 | 7150629 | 3.37 | cps |
| Scandium | 45-2 | 646496 | 643983 | 641701 | 644060 | 0.37 | cps |
| Selenium | 82-1 | 202 | 233 | 258 | 231 | 12.04 | cps |
| Selenium | 77-2 | 70 | 77 | 60 | 69 | 12.18 | cps |
| Selenium | 78-2 | 513 | 533 | 500 | 516 | 3.25 | cps |
| Silicon | 28-1 | 14881338 | 15166416 | 15468693 | 15172149 | 1.94 | cps |
| Silver | 107-1 | 12559 | 11488 | 11555 | 11867 | 5.06 | cps |
| Silver | 109-1 | 11912 | 10998 | 10794 | 11234 | 5.30 | cps |
| Sodium | 23-2 | 5239580 | 5168664 | 5219506 | 5209250 | 0.70 | cps |
| Strontium | 86-1 | 132207 | 135301 | 138012 | 135174 | 2.15 | cps |
| Strontium | 88-1 | 1146629 | 1180019 | 1186065 | 1170905 | 1.81 | cps |
| Sulfur | 34-1 | 319061 | 316587 | 317904 | 317851 | 0.39 | cps |
| Terbium | 159-1 | 17271460 | 16501434 | 16510879 | 16761257 | 2.64 | cps |
| Terbium | 159-2 | 11676890 | 11583324 | 11587887 | 11616034 | 0.45 | cps |
| Thallium | 203-1 | 5411 | 5464 | 5291 | 5389 | 1.65 | cps |
| Thallium | 205-1 | 12392 | 12406 | 12109 | 12302 | 1.36 | cps |
| Tin | 118-1 | 31986 | 31899 | 32657 | 32180 | 1.29 | cps |
| Titanium | 47-1 | 667307 | 683736 | 686835 | 679293 | 1.54 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 83068 | 84701 | 84396 | 84055 | 1.03 | cps |
| Vanadium | 51-2 | 110873 | 111263 | 111387 | 111174 | 0.24 | cps |
| Yttrium | 89-1 | 21160599 | 20058730 | 20119570 | 20446300 | 3.03 | cps |
| Yttrium | 89-2 | 5778505 | 5722735 | 5676324 | 5725855 | 0.89 | cps |
| Zinc | 66-2 | 121415 | 123724 | 123122 | 122754 | 0.98 | cps |
| Zirconium | 90-1 | 59393 | 59985 | 61585 | 60321 | 1.88 | cps |
| Zirconium | 91-1 | 12876 | 13641 | 13913 | 13477 | 3.99 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:41:23 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3093002 | 3081427 | 3076224 | 3083551 | 0.28 | cps |
| Antimony | 121-1 | 983300 | 995986 | 993767 | 991018 | 0.68 | cps |
| Arsenic | 75-2 | 282872 | 283395 | 282135 | 282801 | 0.22 | cps |
| Barium | 135-1 | 614838 | 623404 | 626956 | 621733 | 1.00 | cps |
| Barium | 137-1 | 1077323 | 1083853 | 1098539 | 1086572 | 1.00 | cps |
| Beryllium | 9-1 | 453 | 463 | 487 | 468 | 3.66 | cps |
| Bismuth | 209-1 | 10159919 | 10259712 | 10109658 | 10176430 | 0.75 | cps |
| Bismuth | 209-2 | 8703453 | 8596979 | 8596854 | 8632429 | 0.71 | cps |
| Bromine | 81-1 | 63285 | 67165 | 69020 | 66490 | 4.40 | cps |
| Bromine | 81-2 | 12058 | 11872 | 12342 | 12091 | 1.96 | cps |
| Cadmium | 108-1 | 723 | 760 | 690 | 724 | 4.83 | cps |
| Cadmium | 106-1 | 5441 | 5414 | 5621 | 5492 | 2.05 | cps |
| Cadmium | 111-1 | 9390 | 9297 | 8744 | 9144 | 3.82 | cps |
| Calcium | 43-1 | 231065 | 233148 | 233066 | 232426 | 0.51 | cps |
| Calcium | 44-1 | 3670502 | 3636813 | 3652901 | 3653405 | 0.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 179487 | 178988 | 178694 | 179057 | 0.22 | cps |
| Cobalt | 59-2 | 293231 | 291716 | 291240 | 292062 | 0.36 | cps |
| Copper | 63-2 | 33623300 | 33547245 | 33330978 | 33500507 | 0.45 | cps |
| Dysprosium | 156-1 | 22678 | 23203 | 23143 | 23008 | 1.25 | cps |
| Dysprosium | 156-2 | 19911 | 19687 | 19777 | 19792 | 0.57 | cps |
| Erbium | 164-1 | 22091 | 21901 | 21767 | 21920 | 0.74 | cps |
| Erbium | 164-2 | 15812 | 15669 | 15375 | 15619 | 1.43 | cps |
| Gadolinium | 160-1 | 23373 | 23079 | 23159 | 23204 | 0.65 | cps |
| Gadolinium | 160-2 | 17892 | 18172 | 17912 | 17992 | 0.87 | cps |
| Holmium | 165-1 | 16356816 | 16484576 | 16633764 | 16491719 | 0.84 | cps |
| Holmium | 165-2 | 12109008 | 12231869 | 11931532 | 12090803 | 1.25 | cps |
| Indium | 115-1 | 13560643 | 13578952 | 13844170 | 13661255 | 1.16 | cps |
| Indium | 115-2 | 5292807 | 5205785 | 5233292 | 5243962 | 0.85 | cps |
| Iron | 56-2 | 186226304 | 187309704 | 186187151 | 186574386 | 0.34 | cps |
| Iron | 57-2 | 4627326 | 4565944 | 4570835 | 4588035 | 0.74 | cps |
| Iron | 54-2 | 10225616 | 10167152 | 10092410 | 10161726 | 0.66 | cps |
| Krypton | 83-1 | 267 | 190 | 220 | 226 | 17.13 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:41:23 | DataFile Name : | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5489358 | 5511500 | 5452050 | 5484302 | 0.55 | cps |
| Lead | 207-1 | 4756573 | 4800060 | 4799767 | 4785467 | 0.52 | cps |
| Lead | 208-1 | 21726191 | 21996387 | 21759859 | 21827479 | 0.67 | cps |
| Lithium | 6-1 | 2052599 | 2104583 | 2100405 | 2085862 | 1.38 | cps |
| Magnesium | 24-2 | 2967432 | 2892543 | 2954406 | 2938127 | 1.36 | cps |
| Manganese | 55-2 | 1833870 | 1817615 | 1814888 | 1822125 | 0.56 | cps |
| Molybdenum | 94-1 | 77517 | 78274 | 78693 | 78162 | 0.76 | cps |
| Molybdenum | 95-1 | 68861 | 69685 | 69591 | 69379 | 0.65 | cps |
| Molybdenum | 96-1 | 81790 | 83660 | 83446 | 82966 | 1.23 | cps |
| Molybdenum | 97-1 | 43374 | 43983 | 43515 | 43624 | 0.73 | cps |
| Molybdenum | 98-1 | 110924 | 111290 | 111985 | 111399 | 0.48 | cps |
| Neodymium | 150-1 | 35655 | 35722 | 35508 | 35628 | 0.31 | cps |
| Neodymium | 150-2 | 22067 | 22425 | 22228 | 22240 | 0.80 | cps |
| Nickel | 60-2 | 61084 | 61392 | 61114 | 61196 | 0.28 | cps |
| Phosphorus | 31-2 | 11861 | 11358 | 12118 | 11779 | 3.28 | cps |
| Potassium | 39-2 | 1449640 | 1439544 | 1449745 | 1446310 | 0.41 | cps |
| Rhodium | 103-1 | 12385752 | 12356136 | 12466179 | 12402689 | 0.46 | cps |
| Rhodium | 103-2 | 7519804 | 7467047 | 7548754 | 7511868 | 0.55 | cps |
| Scandium | 45-1 | 7501190 | 7510831 | 7681368 | 7564463 | 1.34 | cps |
| Scandium | 45-2 | 677801 | 666992 | 667438 | 670744 | 0.91 | cps |
| Selenium | 82-1 | 655 | 681 | 661 | 665 | 2.05 | cps |
| Selenium | 77-2 | 100 | 167 | 133 | 133 | 25.00 | cps |
| Selenium | 78-2 | 613 | 643 | 703 | 653 | 7.01 | cps |
| Silicon | 28-1 | 35695203 | 36108789 | 36028064 | 35944019 | 0.61 | cps |
| Silver | 107-1 | 162431 | 164510 | 164514 | 163818 | 0.73 | cps |
| Silver | 109-1 | 152102 | 154240 | 156683 | 154342 | 1.49 | cps |
| Sodium | 23-2 | 11145239 | 11105789 | 11070233 | 11107087 | 0.34 | cps |
| Strontium | 86-1 | 288534 | 290083 | 289084 | 289233 | 0.27 | cps |
| Strontium | 88-1 | 2613746 | 2602977 | 2584608 | 2600444 | 0.57 | cps |
| Sulfur | 34-1 | 821635 | 816390 | 816670 | 818232 | 0.36 | cps |
| Terbium | 159-1 | 16846199 | 17066997 | 17097641 | 17003612 | 0.81 | cps |
| Terbium | 159-2 | 11983181 | 11915809 | 11744525 | 11881172 | 1.04 | cps |
| Thallium | 203-1 | 10164 | 10181 | 9997 | 10114 | 1.00 | cps |
| Thallium | 205-1 | 24395 | 24335 | 24813 | 24514 | 1.06 | cps |
| Tin | 118-1 | 510094 | 512344 | 513135 | 511857 | 0.31 | cps |
| Titanium | 47-1 | 740742 | 750976 | 748545 | 746754 | 0.72 | cps |

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

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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 |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4740344 | 4724969 | 4692599 | 4719304 | 0.52 | cps |
| Antimony | 121-1 | 53984 | 54125 | 54185 | 54098 | 0.19 | cps |
| Arsenic | 75-2 | 36912 | 36488 | 36488 | 36630 | 0.67 | cps |
| Barium | 135-1 | 552603 | 555803 | 556447 | 554951 | 0.37 | cps |
| Barium | 137-1 | 959397 | 975363 | 967750 | 967504 | 0.83 | cps |
| Beryllium | 9-1 | 1690 | 1880 | 1700 | 1757 | 6.09 | cps |
| Bismuth | 209-1 | 10052466 | 10077254 | 9855169 | 9994963 | 1.22 | cps |
| Bismuth | 209-2 | 8399141 | 8377080 | 8336205 | 8370808 | 0.38 | cps |
| Bromine | 81-1 | 19032 | 18021 | 18231 | 18428 | 2.90 | cps |
| Bromine | 81-2 | 910 | 867 | 827 | 868 | 4.80 | cps |
| Cadmium | 108-1 | 663 | 750 | 763 | 726 | 7.48 | cps |
| Cadmium | 106-1 | 6298 | 6088 | 5731 | 6039 | 4.75 | cps |
| Cadmium | 111-1 | 10669 | 10512 | 10688 | 10623 | 0.91 | cps |
| Calcium | 43-1 | 2439153 | 2427293 | 2350959 | 2405802 | 1.99 | cps |
| Calcium | 44-1 | 38639811 | 38640216 | 38307174 | 38529067 | 0.50 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 188887 | 190152 | 187962 | 189000 | 0.58 | cps |
| Cobalt | 59-2 | 166843 | 165352 | 165198 | 165798 | 0.55 | cps |
| Copper | 63-2 | 277165 | 273639 | 274369 | 275058 | 0.68 | cps |
| Dysprosium | 156-1 | 68972 | 70841 | 70505 | 70106 | 1.42 | cps |
| Dysprosium | 156-2 | 60265 | 59425 | 59395 | 59695 | 0.83 | cps |
| Erbium | 164-1 | 59563 | 60567 | 60182 | 60104 | 0.84 | cps |
| Erbium | 164-2 | 43390 | 43173 | 42809 | 43124 | 0.68 | cps |
| Gadolinium | 160-1 | 69729 | 70221 | 69036 | 69662 | 0.86 | cps |
| Gadolinium | 160-2 | 52873 | 51896 | 52792 | 52520 | 1.03 | cps |
| Holmium | 165-1 | 16945177 | 16735922 | 16860937 | 16847345 | 0.62 | cps |
| Holmium | 165-2 | 11823177 | 11914241 | 11888068 | 11875162 | 0.39 | cps |
| Indium | 115-1 | 13801008 | 13319425 | 13110617 | 13410350 | 2.64 | cps |
| Indium | 115-2 | 5002658 | 4939772 | 4983725 | 4975385 | 0.65 | cps |
| Iron | 56-2 | 203448317 | 203422470 | 202177710 | 203016166 | 0.36 | cps |
| Iron | 57-2 | 5063731 | 5085736 | 5017131 | 5055533 | 0.69 | cps |
| Iron | 54-2 | 11137407 | 10953405 | 11062407 | 11051073 | 0.84 | cps |
| Krypton | 83-1 | 303 | 267 | 320 | 297 | 9.20 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5259-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28X0A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:44:31 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 520336 | 530737 | 527472 | 526181 | 1.01 | cps |
| Lead | 207-1 | 424595 | 433650 | 431168 | 429804 | 1.09 | cps |
| Lead | 208-1 | 1994153 | 2031745 | 2016496 | 2014131 | 0.94 | cps |
| Lithium | 6-1 | 2154103 | 2085437 | 2082716 | 2107419 | 1.92 | cps |
| Magnesium | 24-2 | 15841232 | 15873895 | 15690411 | 15801846 | 0.62 | cps |
| Manganese | 55-2 | 4314399 | 4265198 | 4291818 | 4290472 | 0.57 | cps |
| Molybdenum | 94-1 | 31577 | 32008 | 32496 | 32027 | 1.43 | cps |
| Molybdenum | 95-1 | 18145 | 18602 | 18218 | 18322 | 1.34 | cps |
| Molybdenum | 96-1 | 25319 | 26017 | 25255 | 25530 | 1.65 | cps |
| Molybdenum | 97-1 | 11314 | 11728 | 11268 | 11437 | 2.22 | cps |
| Molybdenum | 98-1 | 29323 | 30014 | 29453 | 29597 | 1.24 | cps |
| Neodymium | 150-1 | 108490 | 110549 | 110143 | 109727 | 0.99 | cps |
| Neodymium | 150-2 | 67346 | 66757 | 65993 | 66699 | 1.02 | cps |
| Nickel | 60-2 | 110319 | 110624 | 108959 | 109967 | 0.81 | cps |
| Phosphorus | 31-2 | 14033 | 14093 | 13616 | 13914 | 1.87 | cps |
| Potassium | 39-2 | 1549020 | 1566811 | 1543566 | 1553132 | 0.78 | cps |
| Rhodium | 103-1 | 12439774 | 12103839 | 12112226 | 12218613 | 1.57 | cps |
| Rhodium | 103-2 | 7352583 | 7303036 | 7270771 | 7308797 | 0.56 | cps |
| Scandium | 45-1 | 7509444 | 7271878 | 7198683 | 7326669 | 2.22 | cps |
| Scandium | 45-2 | 632690 | 638280 | 632928 | 634633 | 0.50 | cps |
| Selenium | 82-1 | 2687 | 2724 | 2503 | 2638 | 4.50 | cps |
| Selenium | 77-2 | 383 | 507 | 430 | 440 | 14.15 | cps |
| Selenium | 78-2 | 1530 | 1447 | 1340 | 1439 | 6.62 | cps |
| Silicon | 28-1 | 30238123 | 30495895 | 30160165 | 30298061 | 0.58 | cps |
| Silver | 107-1 | 4624 | 4251 | 4127 | 4334 | 5.97 | cps |
| Silver | 109-1 | 4304 | 3704 | 3784 | 3931 | 8.29 | cps |
| Sodium | 23-2 | 203756 | 205033 | 204709 | 204499 | 0.32 | cps |
| Strontium | 86-1 | 324052 | 327203 | 327277 | 326177 | 0.56 | cps |
| Strontium | 88-1 | 2896740 | 2941329 | 2920846 | 2919638 | 0.76 | cps |
| Sulfur | 34-1 | 229252 | 233531 | 231616 | 231466 | 0.93 | cps |
| Terbium | 159-1 | 17414409 | 17110147 | 17044108 | 17189555 | 1.15 | cps |
| Terbium | 159-2 | 11808573 | 11721411 | 11702051 | 11744012 | 0.48 | cps |
| Thallium | 203-1 | 31496 | 31593 | 31443 | 31511 | 0.24 | cps |
| Thallium | 205-1 | 73634 | 74610 | 74847 | 74364 | 0.86 | cps |
| Tin | 118-1 | 19760 | 19644 | 20121 | 19842 | 1.25 | cps |
| Titanium | 47-1 | 373505 | 376055 | 373111 | 374224 | 0.43 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5259-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28X0A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:44:31 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 52720 | 53996 | 53189 | 53302 | 1.21 | cps |
| Vanadium | 51-2 | 203009 | 202796 | 202148 | 202651 | 0.22 | cps |
| Yttrium | 89-1 | 21542457 | 21146351 | 20771992 | 21153600 | 1.82 | cps |
| Yttrium | 89-2 | 5808696 | 5801605 | 5723420 | 5777907 | 0.82 | cps |
| Zinc | 66-2 | 164468 | 163248 | 163928 | 163881 | 0.37 | cps |
| Zirconium | 90-1 | 58800 | 60326 | 59319 | 59482 | 1.30 | cps |
| Zirconium | 91-1 | 13400 | 13420 | 13069 | 13296 | 1.48 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5271-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC7A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:47:44 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4709731 | 4697052 | 4599684 | 4668822 | 1.29 | cps |
| Antimony | 121-1 | 5419442 | 5517900 | 5505476 | 5480939 | 0.98 | cps |
| Arsenic | 75-2 | 1018270 | 1006491 | 1012867 | 1012543 | 0.58 | cps |
| Barium | 135-1 | 627503 | 633710 | 638747 | 633320 | 0.89 | cps |
| Barium | 137-1 | 1098691 | 1117702 | 1113716 | 1110037 | 0.90 | cps |
| Beryllium | 9-1 | 867 | 1017 | 877 | 920 | 9.12 | cps |
| Bismuth | 209-1 | 10217797 | 10298027 | 10183145 | 10232990 | 0.58 | cps |
| Bismuth | 209-2 | 8530693 | 8573628 | 8664785 | 8589702 | 0.80 | cps |
| Bromine | 81-1 | 52329 | 57699 | 59372 | 56467 | 6.52 | cps |
| Bromine | 81-2 | 9220 | 9627 | 9186 | 9344 | 2.62 | cps |
| Cadmium | 108-1 | 1827 | 1923 | 1827 | 1859 | 3.00 | cps |
| Cadmium | 106-1 | 7669 | 7645 | 7542 | 7619 | 0.89 | cps |
| Cadmium | 111-1 | 21254 | 19907 | 19769 | 20310 | 4.04 | cps |
| Calcium | 43-1 | 666818 | 672672 | 679044 | 672845 | 0.91 | cps |
| Calcium | 44-1 | 10372199 | 10517585 | 10615761 | 10501848 | 1.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 223298 | 223373 | 221522 | 222731 | 0.47 | cps |
| Cobalt | 59-2 | 2978454 | 2947878 | 2869383 | 2931905 | 1.92 | cps |
| Copper | 63-2 | 3658639 | 3630830 | 3608510 | 3632660 | 0.69 | cps |
| Dysprosium | 156-1 | 30470 | 30263 | 30530 | 30421 | 0.46 | cps |
| Dysprosium | 156-2 | 26195 | 26659 | 26221 | 26358 | 0.99 | cps |
| Erbium | 164-1 | 29849 | 29588 | 29595 | 29677 | 0.50 | cps |
| Erbium | 164-2 | 22141 | 21810 | 21266 | 21739 | 2.03 | cps |
| Gadolinium | 160-1 | 31021 | 30847 | 30750 | 30873 | 0.44 | cps |
| Gadolinium | 160-2 | 24004 | 24027 | 23229 | 23754 | 1.91 | cps |
| Holmium | 165-1 | 16889399 | 16702219 | 16806303 | 16799307 | 0.56 | cps |
| Holmium | 165-2 | 12066746 | 12190292 | 12121170 | 12126069 | 0.51 | cps |
| Indium | 115-1 | 14411360 | 14663609 | 14575063 | 14550011 | 0.88 | cps |
| Indium | 115-2 | 5538364 | 5518819 | 5523708 | 5526964 | 0.18 | cps |
| Iron | 56-2 | 407049634 | 404563127 | 399682354 | 403765038 | 0.93 | cps |
| Iron | 57-2 | 10175075 | 10043218 | 9989779 | 10069357 | 0.95 | cps |
| Iron | 54-2 | 22158450 | 21939032 | 21805507 | 21967663 | 0.81 | cps |
| Krypton | 83-1 | 243 | 277 | 250 | 257 | 6.87 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5271-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC7A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:47:44 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11888160 | 11744150 | 11730176 | 11787495 | 0.74 | cps |
| Lead | 207-1 | 10387612 | 10192087 | 10268673 | 10282791 | 0.96 | cps |
| Lead | 208-1 | 47262650 | 46737684 | 46894944 | 46965093 | 0.57 | cps |
| Lithium | 6-1 | 2066120 | 2097812 | 2098980 | 2087637 | 0.89 | cps |
| Magnesium | 24-2 | 4729028 | 4625575 | 4683821 | 4679475 | 1.11 | cps |
| Manganese | 55-2 | 2968566 | 2935894 | 2940522 | 2948327 | 0.60 | cps |
| Molybdenum | 94-1 | 128141 | 129109 | 129234 | 128828 | 0.46 | cps |
| Molybdenum | 95-1 | 128286 | 131736 | 132705 | 130909 | 1.77 | cps |
| Molybdenum | 96-1 | 154075 | 155024 | 154617 | 154572 | 0.31 | cps |
| Molybdenum | 97-1 | 80956 | 82504 | 82256 | 81905 | 1.02 | cps |
| Molybdenum | 98-1 | 208937 | 212510 | 210413 | 210620 | 0.85 | cps |
| Neodymium | 150-1 | 46667 | 46680 | 45904 | 46417 | 0.96 | cps |
| Neodymium | 150-2 | 29601 | 28723 | 29444 | 29256 | 1.60 | cps |
| Nickel | 60-2 | 100856 | 99863 | 99226 | 99981 | 0.82 | cps |
| Phosphorus | 31-2 | 21745 | 22323 | 21342 | 21803 | 2.26 | cps |
| Potassium | 39-2 | 2601655 | 2646640 | 2584325 | 2610873 | 1.23 | cps |
| Rhodium | 103-1 | 12509831 | 12678157 | 12716809 | 12634932 | 0.87 | cps |
| Rhodium | 103-2 | 7597774 | 7712326 | 7722379 | 7677493 | 0.90 | cps |
| Scandium | 45-1 | 7464291 | 7616258 | 7493272 | 7524607 | 1.07 | cps |
| Scandium | 45-2 | 681836 | 684572 | 677583 | 681330 | 0.52 | cps |
| Selenium | 82-1 | 2883 | 2531 | 2591 | 2669 | 7.05 | cps |
| Selenium | 77-2 | 400 | 363 | 277 | 347 | 18.27 | cps |
| Selenium | 78-2 | 1300 | 1383 | 1247 | 1310 | 5.26 | cps |
| Silicon | 28-1 | 40992350 | 41520729 | 42488908 | 41667329 | 1.82 | cps |
| Silver | 107-1 | 27790 | 27987 | 28154 | 27977 | 0.65 | cps |
| Silver | 109-1 | 25713 | 27039 | 27179 | 26643 | 3.04 | cps |
| Sodium | 23-2 | 10070527 | 9977157 | 9813421 | 9953702 | 1.31 | cps |
| Strontium | 86-1 | 623924 | 634460 | 632579 | 630321 | 0.89 | cps |
| Strontium | 88-1 | 5618484 | 5660942 | 5749849 | 5676425 | 1.18 | cps |
| Sulfur | 34-1 | 274531 | 274073 | 271906 | 273504 | 0.51 | cps |
| Terbium | 159-1 | 17443645 | 17244515 | 17320111 | 17336090 | 0.58 | cps |
| Terbium | 159-2 | 12050215 | 11997658 | 12133960 | 12060611 | 0.57 | cps |
| Thallium | 203-1 | 31202 | 30157 | 29943 | 30434 | 2.21 | cps |
| Thallium | 205-1 | 74006 | 71567 | 70763 | 72112 | 2.34 | cps |
| Tin | 118-1 | 1587075 | 1591600 | 1563977 | 1580884 | 0.94 | cps |
| Titanium | 47-1 | 899753 | 913919 | 930350 | 914674 | 1.67 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5271-06A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC7A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:47:44 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 64254 | 64348 | 64707 | 64436 | 0.37 | cps |
| Vanadium | 51-2 | 250529 | 249380 | 247869 | 249259 | 0.54 | cps |
| Yttrium | 89-1 | 21218081 | 21685475 | 21345480 | 21416345 | 1.13 | cps |
| Yttrium | 89-2 | 6033256 | 6006423 | 5947279 | 5995653 | 0.73 | cps |
| Zinc | 66-2 | 5321214 | 5275606 | 5315107 | 5303976 | 0.47 | cps |
| Zirconium | 90-1 | 146182 | 150279 | 150745 | 149069 | 1.68 | cps |
| Zirconium | 91-1 | 33575 | 35292 | 35389 | 34752 | 2.94 | cps |

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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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1369589 | 1373596 | 1377222 | 1373469 | 0.28 | cps |
| Lead | 207-1 | 1115170 | 1116586 | 1106915 | 1112890 | 0.47 | cps |
| Lead | 208-1 | 5440155 | 5387674 | 5390256 | 5406028 | 0.55 | cps |
| Lithium | 6-1 | 2096976 | 2119840 | 2088876 | 2101898 | 0.76 | cps |
| Magnesium | 24-2 | 8916755 | 8892524 | 8897469 | 8902250 | 0.14 | cps |
| Manganese | 55-2 | 10464696 | 10606187 | 10408979 | 10493287 | 0.97 | cps |
| Molybdenum | 94-1 | 36773 | 36699 | 36088 | 36520 | 1.03 | cps |
| Molybdenum | 95-1 | 37040 | 37030 | 36532 | 36867 | 0.79 | cps |
| Molybdenum | 96-1 | 46383 | 46123 | 46203 | 46236 | 0.29 | cps |
| Molybdenum | 97-1 | 23082 | 22908 | 22728 | 22906 | 0.77 | cps |
| Molybdenum | 98-1 | 60511 | 60421 | 59785 | 60239 | 0.66 | cps |
| Neodymium | 150-1 | 76731 | 77119 | 76764 | 76871 | 0.28 | cps |
| Neodymium | 150-2 | 47205 | 46991 | 45761 | 46652 | 1.67 | cps |
| Nickel | 60-2 | 102450 | 101326 | 102181 | 101986 | 0.58 | cps |
| Phosphorus | 31-2 | 11741 | 11721 | 11598 | 11687 | 0.66 | cps |
| Potassium | 39-2 | 1098146 | 1095816 | 1100645 | 1098202 | 0.22 | cps |
| Rhodium | 103-1 | 12145404 | 12111261 | 12314169 | 12190278 | 0.89 | cps |
| Rhodium | 103-2 | 7278578 | 7341091 | 7360671 | 7326780 | 0.59 | cps |
| Scandium | 45-1 | 7235204 | 7247564 | 7236143 | 7239637 | 0.10 | cps |
| Scandium | 45-2 | 637050 | 641774 | 636536 | 638453 | 0.45 | cps |
| Selenium | 82-1 | 377 | 360 | 417 | 384 | 7.63 | cps |
| Selenium | 77-2 | 143 | 103 | 143 | 130 | 17.77 | cps |
| Selenium | 78-2 | 597 | 543 | 533 | 558 | 6.10 | cps |
| Silicon | 28-1 | 24357578 | 24330794 | 24483816 | 24390729 | 0.34 | cps |
| Silver | 107-1 | 5955 | 5741 | 5368 | 5688 | 5.22 | cps |
| Silver | 109-1 | 5728 | 5308 | 5104 | 5380 | 5.91 | cps |
| Sodium | 23-2 | 132104 | 134020 | 133455 | 133193 | 0.74 | cps |
| Strontium | 86-1 | 238230 | 239713 | 237909 | 238617 | 0.40 | cps |
| Strontium | 88-1 | 2146525 | 2137276 | 2106722 | 2130174 | 0.98 | cps |
| Sulfur | 34-1 | 215731 | 217746 | 215245 | 216240 | 0.61 | cps |
| Terbium | 159-1 | 17168393 | 17049459 | 17068255 | 17095369 | 0.37 | cps |
| Terbium | 159-2 | 11838654 | 11682035 | 11703479 | 11741389 | 0.72 | cps |
| Thallium | 203-1 | 5881 | 5885 | 6121 | 5962 | 2.31 | cps |
| Thallium | 205-1 | 14248 | 14364 | 14354 | 14322 | 0.45 | cps |
| Tin | 118-1 | 26431 | 27590 | 27122 | 27048 | 2.16 | cps |
| Titanium | 47-1 | 298972 | 298741 | 299773 | 299162 | 0.18 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 50114 | 49877 | 49512 | 49834 | 0.61 | cps |
| Vanadium | 51-2 | 268458 | 266606 | 268044 | 267702 | 0.36 | cps |
| Yttrium | 89-1 | 20948754 | 21028993 | 21069585 | 21015777 | 0.29 | cps |
| Yttrium | 89-2 | 5737782 | 5771283 | 5751166 | 5753410 | 0.29 | cps |
| Zinc | 66-2 | 248884 | 249920 | 250798 | 249868 | 0.38 | cps |
| Zirconium | 90-1 | 41722 | 42645 | 42358 | 42242 | 1.12 | cps |
| Zirconium | 91-1 | 9273 | 9573 | 9583 | 9476 | 1.86 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2324293 | 2297915 | 2270570 | 2297593 | 1.17 | cps |
| Antimony | 121-1 | 119673 | 123148 | 125193 | 122671 | 2.27 | cps |
| Arsenic | 75-2 | 11968 | 11465 | 11388 | 11607 | 2.72 | cps |
| Barium | 135-1 | 573722 | 596212 | 596768 | 588901 | 2.23 | cps |
| Barium | 137-1 | 1005525 | 1033901 | 1030798 | 1023408 | 1.52 | cps |
| Beryllium | 9-1 | 2090 | 1933 | 1933 | 1986 | 4.56 | cps |
| Bismuth | 209-1 | 10844363 | 10177255 | 10070261 | 10363960 | 4.05 | cps |
| Bismuth | 209-2 | 8408631 | 8401638 | 8460390 | 8423553 | 0.38 | cps |
| Bromine | 81-1 | 25575 | 27158 | 27088 | 26607 | 3.36 | cps |
| Bromine | 81-2 | 2907 | 2700 | 2610 | 2739 | 5.55 | cps |
| Cadmium | 108-1 | 1560 | 1627 | 1707 | 1631 | 4.50 | cps |
| Cadmium | 106-1 | 7775 | 7319 | 7315 | 7470 | 3.54 | cps |
| Cadmium | 111-1 | 18999 | 19127 | 19175 | 19101 | 0.48 | cps |
| Calcium | 43-1 | 2629548 | 2727225 | 2666412 | 2674395 | 1.84 | cps |
| Calcium | 44-1 | 42092536 | 43722181 | 42955671 | 42923463 | 1.90 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5921718 | 5866592 | 5846492 | 5878267 | 0.66 | cps |
| Cobalt | 59-2 | 130212 | 128686 | 128645 | 129181 | 0.69 | cps |
| Copper | 63-2 | 534217 | 536579 | 530538 | 533778 | 0.57 | cps |
| Dysprosium | 156-1 | 19757 | 19771 | 20215 | 19914 | 1.31 | cps |
| Dysprosium | 156-2 | 16927 | 17141 | 17080 | 17049 | 0.65 | cps |
| Erbium | 164-1 | 20655 | 20211 | 20261 | 20376 | 1.19 | cps |
| Erbium | 164-2 | 14628 | 14688 | 14404 | 14573 | 1.03 | cps |
| Gadolinium | 160-1 | 18943 | 19734 | 19557 | 19411 | 2.14 | cps |
| Gadolinium | 160-2 | 15595 | 15295 | 15085 | 15325 | 1.67 | cps |
| Holmium | 165-1 | 17970595 | 16677704 | 16734931 | 17127743 | 4.26 | cps |
| Holmium | 165-2 | 11846720 | 11936946 | 11622482 | 11802049 | 1.37 | cps |
| Indium | 115-1 | 14351821 | 13177318 | 13322530 | 13617223 | 4.70 | cps |
| Indium | 115-2 | 4880780 | 4880821 | 4846825 | 4869476 | 0.40 | cps |
| Iron | 56-2 | 816717961 | 814119961 | 809708415 | 813515446 | 0.44 | cps |
| Iron | 57-2 | 20283216 | 20390233 | 19910892 | 20194780 | 1.25 | cps |
| Iron | 54-2 | 44685461 | 44305824 | 44000179 | 44330488 | 0.77 | cps |
| Krypton | 83-1 | 220 | 287 | 230 | 246 | 14.64 | cps |

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 |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8446237 | 8921232 | 8752157 | 8706542 | 2.77 | cps |
| Lead | 207-1 | 7109118 | 7365801 | 7381857 | 7285592 | 2.10 | cps |
| Lead | 208-1 | 33065413 | 34384093 | 34120320 | 33856609 | 2.06 | cps |
| Lithium | 6-1 | 2197934 | 2099890 | 2089830 | 2129218 | 2.80 | cps |
| Magnesium | 24-2 | 6944778 | 6970466 | 6890422 | 6935222 | 0.59 | cps |
| Manganese | 55-2 | 38660430 | 38464336 | 38037762 | 38387509 | 0.83 | cps |
| Molybdenum | 94-1 | 104587 | 109338 | 109425 | 107783 | 2.57 | cps |
| Molybdenum | 95-1 | 143850 | 151191 | 151404 | 148815 | 2.89 | cps |
| Molybdenum | 96-1 | 167623 | 174311 | 173128 | 171687 | 2.08 | cps |
| Molybdenum | 97-1 | 89667 | 95389 | 92641 | 92565 | 3.09 | cps |
| Molybdenum | 98-1 | 232641 | 243711 | 242074 | 239475 | 2.50 | cps |
| Neodymium | 150-1 | 29902 | 30647 | 30733 | 30427 | 1.50 | cps |
| Neodymium | 150-2 | 18405 | 18916 | 18012 | 18444 | 2.46 | cps |
| Nickel | 60-2 | 827889 | 830687 | 825631 | 828069 | 0.31 | cps |
| Phosphorus | 31-2 | 17033 | 17303 | 16819 | 17052 | 1.42 | cps |
| Potassium | 39-2 | 938094 | 934772 | 926746 | 933204 | 0.63 | cps |
| Rhodium | 103-1 | 13041531 | 12298816 | 12025975 | 12455441 | 4.22 | cps |
| Rhodium | 103-2 | 7172448 | 7122270 | 7075635 | 7123451 | 0.68 | cps |
| Scandium | 45-1 | 7769460 | 7108601 | 7042539 | 7306867 | 5.50 | cps |
| Scandium | 45-2 | 611027 | 607486 | 604990 | 607834 | 0.50 | cps |
| Selenium | 82-1 | 462 | 459 | 451 | 457 | 1.24 | cps |
| Selenium | 77-2 | 73 | 67 | 127 | 89 | 37.00 | cps |
| Selenium | 78-2 | 647 | 477 | 453 | 526 | 20.08 | cps |
| Silicon | 28-1 | 24885511 | 25918595 | 25965306 | 25589804 | 2.39 | cps |
| Silver | 107-1 | 47120 | 49785 | 49852 | 48919 | 3.19 | cps |
| Silver | 109-1 | 45464 | 46434 | 47009 | 46303 | 1.69 | cps |
| Sodium | 23-2 | 258810 | 256197 | 258267 | 257758 | 0.53 | cps |
| Strontium | 86-1 | 511656 | 533292 | 534211 | 526386 | 2.42 | cps |
| Strontium | 88-1 | 4638321 | 4826704 | 4747694 | 4737573 | 2.00 | cps |
| Sulfur | 34-1 | 254120 | 253601 | 253374 | 253698 | 0.15 | cps |
| Terbium | 159-1 | 18335102 | 17226245 | 17191996 | 17584447 | 3.70 | cps |
| Terbium | 159-2 | 11577616 | 11600093 | 11382542 | 11520084 | 1.04 | cps |
| Thallium | 203-1 | 16433 | 16650 | 17278 | 16787 | 2.61 | cps |
| Thallium | 205-1 | 38297 | 40219 | 39714 | 39410 | 2.53 | cps |
| Tin | 118-1 | 104919 | 110845 | 111255 | 109006 | 3.25 | cps |
| Titanium | 47-1 | 608921 | 632518 | 627437 | 622958 | 1.99 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 32269 | 33335 | 33616 | 33073 | 2.15 | cps |
| Vanadium | 51-2 | 308335 | 306911 | 305544 | 306930 | 0.45 | cps |
| Yttrium | 89-1 | 22079690 | 20808215 | 20428770 | 21105558 | 4.10 | cps |
| Yttrium | 89-2 | 5534285 | 5497866 | 5441526 | 5491225 | 0.85 | cps |
| Zinc | 66-2 | 2137253 | 2125890 | 2164659 | 2142601 | 0.93 | cps |
| Zirconium | 90-1 | 63597 | 67685 | 67203 | 66162 | 3.38 | cps |
| Zirconium | 91-1 | 14461 | 14574 | 14871 | 14635 | 1.45 | cps |



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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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8545499 | 8507968 | 8536321 | 8529929 | 0.23 | cps |
| Antimony | 121-1 | 2150 | 2254 | 2227 | 2210 | 2.43 | cps |
| Arsenic | 75-2 | 6201 | 6421 | 6612 | 6411 | 3.20 | cps |
| Barium | 135-1 | 723074 | 727312 | 723704 | 724696 | 0.32 | cps |
| Barium | 137-1 | 1244736 | 1254216 | 1254724 | 1251225 | 0.45 | cps |
| Beryllium | 9-1 | 1850 | 1617 | 1640 | 1702 | 7.55 | cps |
| Bismuth | 209-1 | 9958542 | 9925680 | 9956835 | 9947019 | 0.19 | cps |
| Bismuth | 209-2 | 8259471 | 8336704 | 8232957 | 8276377 | 0.65 | cps |
| Bromine | 81-1 | 22604 | 22060 | 20217 | 21627 | 5.78 | cps |
| Bromine | 81-2 | 1083 | 1090 | 950 | 1041 | 7.59 | cps |
| Cadmium | 108-1 | 1007 | 867 | 923 | 932 | 7.55 | cps |
| Cadmium | 106-1 | 7098 | 7459 | 7282 | 7280 | 2.47 | cps |
| Cadmium | 111-1 | 1960 | 2242 | 2073 | 2092 | 6.77 | cps |
| Calcium | 43-1 | 610141 | 623063 | 623636 | 618947 | 1.23 | cps |
| Calcium | 44-1 | 9635216 | 9869323 | 9722396 | 9742312 | 1.21 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 207808 | 209353 | 208707 | 208622 | 0.37 | cps |
| Cobalt | 59-2 | 277291 | 276656 | 277858 | 277269 | 0.22 | cps |
| Copper | 63-2 | 475485 | 477714 | 475163 | 476121 | 0.29 | cps |
| Dysprosium | 156-1 | 92989 | 94354 | 93589 | 93644 | 0.73 | cps |
| Dysprosium | 156-2 | 76755 | 78035 | 78099 | 77629 | 0.98 | cps |
| Erbium | 164-1 | 93406 | 94591 | 94469 | 94155 | 0.69 | cps |
| Erbium | 164-2 | 66678 | 68450 | 67455 | 67528 | 1.32 | cps |
| Gadolinium | 160-1 | 94771 | 94757 | 96043 | 95190 | 0.78 | cps |
| Gadolinium | 160-2 | 72104 | 72204 | 71535 | 71948 | 0.50 | cps |
| Holmium | 165-1 | 16834306 | 16521482 | 16591444 | 16649077 | 0.99 | cps |
| Holmium | 165-2 | 11871159 | 11900135 | 11787282 | 11852858 | 0.49 | cps |
| Indium | 115-1 | 13151266 | 13190119 | 13292983 | 13211456 | 0.55 | cps |
| Indium | 115-2 | 4902523 | 4895935 | 4904693 | 4901050 | 0.09 | cps |
| Iron | 56-2 | 322922955 | 322651042 | 322407475 | 322660491 | 0.08 | cps |
| Iron | 57-2 | 7955586 | 7964449 | 8011601 | 7977212 | 0.38 | cps |
| Iron | 54-2 | 17592389 | 17576309 | 17560168 | 17576289 | 0.09 | cps |
| Krypton | 83-1 | 340 | 360 | 307 | 336 | 8.03 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 185644 | 186521 | 184625 | 185597 | 0.51 | cps |
| Lead | 207-1 | 155926 | 155202 | 155816 | 155648 | 0.25 | cps |
| Lead | 208-1 | 722712 | 724625 | 722438 | 723258 | 0.16 | cps |
| Lithium | 6-1 | 2030121 | 2028653 | 2011361 | 2023378 | 0.52 | cps |
| Magnesium | 24-2 | 7579344 | 7629639 | 7591420 | 7600134 | 0.35 | cps |
| Manganese | 55-2 | 4014347 | 4063827 | 3964279 | 4014151 | 1.24 | cps |
| Molybdenum | 94-1 | 389549 | 402343 | 396450 | 396114 | 1.62 | cps |
| Molybdenum | 95-1 | 5398 | 5644 | 5424 | 5489 | 2.47 | cps |
| Molybdenum | 96-1 | 75282 | 76154 | 77001 | 76146 | 1.13 | cps |
| Molybdenum | 97-1 | 3417 | 3480 | 3540 | 3479 | 1.77 | cps |
| Molybdenum | 98-1 | 8659 | 8473 | 8456 | 8529 | 1.32 | cps |
| Neodymium | 150-1 | 141717 | 140182 | 144101 | 142000 | 1.39 | cps |
| Neodymium | 150-2 | 86533 | 86885 | 85923 | 86447 | 0.56 | cps |
| Nickel | 60-2 | 108224 | 108166 | 108519 | 108303 | 0.17 | cps |
| Phosphorus | 31-2 | 21238 | 21185 | 21305 | 21243 | 0.28 | cps |
| Potassium | 39-2 | 1069817 | 1076267 | 1078923 | 1075002 | 0.44 | cps |
| Rhodium | 103-1 | 11992323 | 12201004 | 12033220 | 12075516 | 0.92 | cps |
| Rhodium | 103-2 | 7274052 | 7200257 | 7255805 | 7243371 | 0.53 | cps |
| Scandium | 45-1 | 7334451 | 7318251 | 7327934 | 7326879 | 0.11 | cps |
| Scandium | 45-2 | 644483 | 647411 | 644009 | 645301 | 0.29 | cps |
| Selenium | 82-1 | 293 | 260 | 327 | 293 | 11.41 | cps |
| Selenium | 77-2 | 223 | 217 | 220 | 220 | 1.52 | cps |
| Selenium | 78-2 | 620 | 710 | 623 | 651 | 7.84 | cps |
| Silicon | 28-1 | 18274999 | 18486311 | 18583608 | 18448306 | 0.86 | cps |
| Silver | 107-1 | 2770 | 2654 | 2717 | 2714 | 2.15 | cps |
| Silver | 109-1 | 1957 | 2094 | 1977 | 2009 | 3.67 | cps |
| Sodium | 23-2 | 632019 | 630717 | 631818 | 631518 | 0.11 | cps |
| Strontium | 86-1 | 482152 | 485707 | 487673 | 485177 | 0.58 | cps |
| Strontium | 88-1 | 4340917 | 4371162 | 4318657 | 4343579 | 0.61 | cps |
| Sulfur | 34-1 | 151809 | 159290 | 159856 | 156985 | 2.86 | cps |
| Terbium | 159-1 | 16879772 | 16838669 | 17013276 | 16910572 | 0.54 | cps |
| Terbium | 159-2 | 11781835 | 11431081 | 11639581 | 11617499 | 1.52 | cps |
| Thallium | 203-1 | 3731 | 3794 | 3777 | 3767 | 0.87 | cps |
| Thallium | 205-1 | 9187 | 8976 | 8663 | 8942 | 2.95 | cps |
| Tin | 118-1 | 19276 | 19206 | 19467 | 19316 | 0.70 | cps |
| Titanium | 47-1 | 4847425 | 4840525 | 4872786 | 4853579 | 0.35 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 62395 | 62684 | 63233 | 62771 | 0.68 | cps |
| Vanadium | 51-2 | 760773 | 757490 | 759596 | 759286 | 0.22 | cps |
| Yttrium | 89-1 | 21440586 | 21386496 | 21488090 | 21438391 | 0.24 | cps |
| Yttrium | 89-2 | 5932347 | 5840550 | 5846908 | 5873268 | 0.87 | cps |
| Zinc | 66-2 | 139137 | 139467 | 139773 | 139459 | 0.23 | cps |
| Zirconium | 90-1 | 1056351 | 1087219 | 1074144 | 1072571 | 1.44 | cps |
| Zirconium | 91-1 | 234887 | 241708 | 240371 | 238989 | 1.51 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18558542 | 18344263 | 18439779 | 18447528 | 0.58 | cps |
| Antimony | 121-1 | 1317 | 1303 | 1280 | 1300 | 1.43 | cps |
| Arsenic | 75-2 | 4631 | 4924 | 4591 | 4715 | 3.86 | cps |
| Barium | 135-1 | 686549 | 694100 | 689940 | 690196 | 0.55 | cps |
| Barium | 137-1 | 1197904 | 1203732 | 1199170 | 1200268 | 0.26 | cps |
| Beryllium | 9-1 | 1983 | 1957 | 1930 | 1957 | 1.36 | cps |
| Bismuth | 209-1 | 9734605 | 9826948 | 9677580 | 9746377 | 0.77 | cps |
| Bismuth | 209-2 | 8381388 | 8132247 | 8243196 | 8252277 | 1.51 | cps |
| Bromine | 81-1 | 16589 | 16700 | 16289 | 16526 | 1.29 | cps |
| Bromine | 81-2 | 687 | 610 | 753 | 683 | 10.50 | cps |
| Cadmium | 108-1 | 1067 | 1137 | 1240 | 1148 | 7.60 | cps |
| Cadmium | 106-1 | 7762 | 7922 | 7769 | 7818 | 1.16 | cps |
| Cadmium | 111-1 | 2477 | 2455 | 2324 | 2418 | 3.42 | cps |
| Calcium | 43-1 | 496451 | 490990 | 491923 | 493122 | 0.59 | cps |
| Calcium | 44-1 | 7714054 | 7659833 | 7638896 | 7670927 | 0.51 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 285241 | 283105 | 284455 | 284267 | 0.38 | cps |
| Cobalt | 59-2 | 284847 | 281839 | 284683 | 283790 | 0.60 | cps |
| Copper | 63-2 | 590705 | 587657 | 586887 | 588416 | 0.34 | cps |
| Dysprosium | 156-1 | 93398 | 91468 | 91955 | 92274 | 1.09 | cps |
| Dysprosium | 156-2 | 77841 | 77274 | 78082 | 77732 | 0.53 | cps |
| Erbium | 164-1 | 80825 | 81982 | 81067 | 81291 | 0.75 | cps |
| Erbium | 164-2 | 58164 | 58258 | 57628 | 58016 | 0.59 | cps |
| Gadolinium | 160-1 | 90493 | 91838 | 91067 | 91133 | 0.74 | cps |
| Gadolinium | 160-2 | 69092 | 68041 | 68620 | 68584 | 0.77 | cps |
| Holmium | 165-1 | 16327269 | 16243925 | 16384991 | 16318728 | 0.43 | cps |
| Holmium | 165-2 | 11804972 | 11706112 | 11803485 | 11771523 | 0.48 | cps |
| Indium | 115-1 | 13006797 | 12990460 | 13128072 | 13041776 | 0.58 | cps |
| Indium | 115-2 | 4908255 | 4821873 | 4844250 | 4858126 | 0.92 | cps |
| Iron | 56-2 | 346108675 | 343260982 | 341860542 | 343743399 | 0.63 | cps |
| Iron | 57-2 | 8574527 | 8399674 | 8451809 | 8475337 | 1.06 | cps |
| Iron | 54-2 | 18774348 | 18431568 | 18569338 | 18591751 | 0.93 | cps |
| Krypton | 83-1 | 317 | 323 | 287 | 309 | 6.32 | cps |

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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:20:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2843139 | 2889767 | 2788108 | 2840338 | 1.79 | cps |
| Antimony | 121-1 | 963363 | 960062 | 956971 | 960132 | 0.33 | cps |
| Arsenic | 75-2 | 267452 | 264883 | 266614 | 266316 | 0.49 | cps |
| Barium | 135-1 | 617689 | 622348 | 618814 | 619617 | 0.39 | cps |
| Barium | 137-1 | 1071906 | 1073907 | 1066977 | 1070930 | 0.33 | cps |
| Beryllium | 9-1 | 420 | 490 | 497 | 469 | 9.06 | cps |
| Bismuth | 209-1 | 10329037 | 10142645 | 10115881 | 10195854 | 1.14 | cps |
| Bismuth | 209-2 | 8613796 | 8557769 | 8483158 | 8551574 | 0.77 | cps |
| Bromine | 81-1 | 62930 | 67925 | 69556 | 66804 | 5.17 | cps |
| Bromine | 81-2 | 11074 | 11138 | 10924 | 11045 | 0.99 | cps |
| Cadmium | 108-1 | 787 | 840 | 897 | 841 | 6.54 | cps |
| Cadmium | 106-1 | 5578 | 5358 | 5374 | 5437 | 2.25 | cps |
| Cadmium | 111-1 | 8916 | 8975 | 8797 | 8896 | 1.02 | cps |
| Calcium | 43-1 | 219913 | 218578 | 221026 | 219839 | 0.56 | cps |
| Calcium | 44-1 | 3494384 | 3503097 | 3450321 | 3482601 | 0.81 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 167930 | 167279 | 167427 | 167545 | 0.20 | cps |
| Cobalt | 59-2 | 275184 | 275688 | 272954 | 274609 | 0.53 | cps |
| Copper | 63-2 | 31635469 | 31254964 | 31135695 | 31342043 | 0.83 | cps |
| Dysprosium | 156-1 | 22949 | 23099 | 22915 | 22988 | 0.43 | cps |
| Dysprosium | 156-2 | 18849 | 19013 | 19026 | 18963 | 0.52 | cps |
| Erbium | 164-1 | 21867 | 21967 | 21593 | 21809 | 0.89 | cps |
| Erbium | 164-2 | 15475 | 15759 | 15429 | 15554 | 1.15 | cps |
| Gadolinium | 160-1 | 22805 | 23660 | 22942 | 23136 | 1.98 | cps |
| Gadolinium | 160-2 | 17958 | 17695 | 17765 | 17806 | 0.77 | cps |
| Holmium | 165-1 | 16767986 | 16422031 | 16220211 | 16470076 | 1.68 | cps |
| Holmium | 165-2 | 11960183 | 11830707 | 11784861 | 11858584 | 0.77 | cps |
| Indium | 115-1 | 13612586 | 13353974 | 13580247 | 13515602 | 1.04 | cps |
| Indium | 115-2 | 5099810 | 5025912 | 5046763 | 5057495 | 0.75 | cps |
| Iron | 56-2 | 176009491 | 176631897 | 175136644 | 175926011 | 0.43 | cps |
| Iron | 57-2 | 4319066 | 4379068 | 4301739 | 4333291 | 0.94 | cps |
| Iron | 54-2 | 9499027 | 9574636 | 9509585 | 9527750 | 0.43 | cps |
| Krypton | 83-1 | 243 | 210 | 267 | 240 | 11.87 | cps |

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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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 460874 | 459855 | 459027 | 459919 | 0.20 | cps |
| Lead | 207-1 | 384633 | 387261 | 384981 | 385625 | 0.37 | cps |
| Lead | 208-1 | 1779149 | 1793825 | 1785430 | 1786135 | 0.41 | cps |
| Lithium | 6-1 | 1989943 | 1972855 | 2005832 | 1989543 | 0.83 | cps |
| Magnesium | 24-2 | 6530027 | 6451598 | 6441956 | 6474527 | 0.75 | cps |
| Manganese | 55-2 | 3693524 | 3641258 | 3607874 | 3647552 | 1.18 | cps |
| Molybdenum | 94-1 | 430126 | 430811 | 433130 | 431356 | 0.37 | cps |
| Molybdenum | 95-1 | 3554 | 3737 | 3564 | 3618 | 2.85 | cps |
| Molybdenum | 96-1 | 77688 | 79116 | 79052 | 78619 | 1.03 | cps |
| Molybdenum | 97-1 | 2374 | 2400 | 2154 | 2309 | 5.86 | cps |
| Molybdenum | 98-1 | 5975 | 5928 | 5978 | 5960 | 0.47 | cps |
| Neodymium | 150-1 | 79838 | 78869 | 79030 | 79246 | 0.66 | cps |
| Neodymium | 150-2 | 49189 | 48851 | 48342 | 48794 | 0.87 | cps |
| Nickel | 60-2 | 76752 | 76065 | 75921 | 76246 | 0.58 | cps |
| Phosphorus | 31-2 | 17153 | 17300 | 16699 | 17051 | 1.84 | cps |
| Potassium | 39-2 | 1093798 | 1089156 | 1084489 | 1089148 | 0.43 | cps |
| Rhodium | 103-1 | 11972532 | 11770309 | 11772519 | 11838453 | 0.98 | cps |
| Rhodium | 103-2 | 7137166 | 7068494 | 7057231 | 7087630 | 0.61 | cps |
| Scandium | 45-1 | 7238609 | 7134836 | 7023060 | 7132168 | 1.51 | cps |
| Scandium | 45-2 | 638759 | 631154 | 629747 | 633220 | 0.77 | cps |
| Selenium | 82-1 | 234 | 277 | 239 | 250 | 9.54 | cps |
| Selenium | 77-2 | 87 | 110 | 103 | 100 | 12.02 | cps |
| Selenium | 78-2 | 483 | 527 | 680 | 563 | 18.34 | cps |
| Silicon | 28-1 | 21243861 | 21212785 | 21186828 | 21214491 | 0.13 | cps |
| Silver | 107-1 | 1823 | 1747 | 1903 | 1825 | 4.29 | cps |
| Silver | 109-1 | 1057 | 1127 | 1143 | 1109 | 4.15 | cps |
| Sodium | 23-2 | 391050 | 390643 | 388984 | 390226 | 0.28 | cps |
| Strontium | 86-1 | 528528 | 529349 | 528247 | 528708 | 0.11 | cps |
| Strontium | 88-1 | 4834588 | 4755847 | 4718807 | 4769748 | 1.24 | cps |
| Sulfur | 34-1 | 148550 | 148816 | 146528 | 147965 | 0.85 | cps |
| Terbium | 159-1 | 16866947 | 16684754 | 16324461 | 16625387 | 1.66 | cps |
| Terbium | 159-2 | 11439794 | 11514939 | 11482830 | 11479187 | 0.33 | cps |
| Thallium | 203-1 | 2257 | 2360 | 2284 | 2300 | 2.33 | cps |
| Thallium | 205-1 | 5144 | 5401 | 5404 | 5317 | 2.81 | cps |
| Tin | 118-1 | 17474 | 18388 | 18218 | 18027 | 2.70 | cps |
| Titanium | 47-1 | 2259668 | 2240244 | 2239819 | 2246577 | 0.50 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 40505 | 41214 | 40793 | 40837 | 0.87 | cps |
| Vanadium | 51-2 | 552876 | 550215 | 547875 | 550322 | 0.45 | cps |
| Yttrium | 89-1 | 20457575 | 20348613 | 20009857 | 20272015 | 1.15 | cps |
| Yttrium | 89-2 | 5596297 | 5529100 | 5516189 | 5547195 | 0.78 | cps |
| Zinc | 66-2 | 336445 | 335946 | 337605 | 336666 | 0.25 | cps |
| Zirconium | 90-1 | 1168777 | 1170865 | 1171063 | 1170235 | 0.11 | cps |
| Zirconium | 91-1 | 260941 | 261978 | 261153 | 261357 | 0.21 | cps |

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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 367682 | 374186 | 370576 | 370815 | 0.88 | cps |
| Lead | 207-1 | 312851 | 318510 | 317560 | 316307 | 0.96 | cps |
| Lead | 208-1 | 1438697 | 1466517 | 1466438 | 1457217 | 1.10 | cps |
| Lithium | 6-1 | 2088834 | 1980536 | 1918095 | 1995822 | 4.33 | cps |
| Magnesium | 24-2 | 5136843 | 5087732 | 5171600 | 5132058 | 0.82 | cps |
| Manganese | 55-2 | 2932752 | 2936374 | 2965331 | 2944819 | 0.61 | cps |
| Molybdenum | 94-1 | 336357 | 341124 | 344469 | 340650 | 1.20 | cps |
| Molybdenum | 95-1 | 4934 | 5091 | 4931 | 4985 | 1.83 | cps |
| Molybdenum | 96-1 | 63708 | 65519 | 65101 | 64776 | 1.46 | cps |
| Molybdenum | 97-1 | 3000 | 3064 | 3074 | 3046 | 1.31 | cps |
| Molybdenum | 98-1 | 7369 | 7722 | 8042 | 7711 | 4.37 | cps |
| Neodymium | 150-1 | 114476 | 116641 | 117407 | 116175 | 1.31 | cps |
| Neodymium | 150-2 | 74271 | 72227 | 72988 | 73162 | 1.41 | cps |
| Nickel | 60-2 | 72899 | 72651 | 72500 | 72684 | 0.28 | cps |
| Phosphorus | 31-2 | 24717 | 24409 | 24156 | 24427 | 1.15 | cps |
| Potassium | 39-2 | 993435 | 997008 | 998883 | 996442 | 0.28 | cps |
| Rhodium | 103-1 | 12368295 | 11890404 | 11278856 | 11845851 | 4.61 | cps |
| Rhodium | 103-2 | 7198099 | 7073740 | 7123779 | 7131873 | 0.88 | cps |
| Scandium | 45-1 | 7375414 | 7166101 | 6764221 | 7101912 | 4.37 | cps |
| Scandium | 45-2 | 628178 | 625833 | 628291 | 627434 | 0.22 | cps |
| Selenium | 82-1 | 253 | 323 | 174 | 250 | 29.88 | cps |
| Selenium | 77-2 | 187 | 160 | 177 | 174 | 7.72 | cps |
| Selenium | 78-2 | 497 | 653 | 520 | 557 | 15.18 | cps |
| Silicon | 28-1 | 15417218 | 15638982 | 15778222 | 15611474 | 1.17 | cps |
| Silver | 107-1 | 1660 | 1500 | 1593 | 1585 | 5.07 | cps |
| Silver | 109-1 | 1063 | 1073 | 1123 | 1087 | 2.96 | cps |
| Sodium | 23-2 | 510603 | 511617 | 507698 | 509973 | 0.40 | cps |
| Strontium | 86-1 | 352744 | 360034 | 363964 | 358914 | 1.59 | cps |
| Strontium | 88-1 | 3180087 | 3297680 | 3236854 | 3238207 | 1.82 | cps |
| Sulfur | 34-1 | 158963 | 161038 | 161581 | 160527 | 0.86 | cps |
| Terbium | 159-1 | 17192052 | 16474695 | 15790593 | 16485780 | 4.25 | cps |
| Terbium | 159-2 | 11467583 | 11403779 | 11416303 | 11429222 | 0.30 | cps |
| Thallium | 203-1 | 2594 | 2804 | 2544 | 2647 | 5.21 | cps |
| Thallium | 205-1 | 6278 | 6262 | 6478 | 6339 | 1.90 | cps |
| Tin | 118-1 | 13700 | 14017 | 13960 | 13892 | 1.22 | cps |
| Titanium | 47-1 | 5738040 | 5858100 | 5876461 | 5824200 | 1.29 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 51192 | 51315 | 52035 | 51514 | 0.88 | cps |
| Vanadium | 51-2 | 711053 | 708937 | 706180 | 708723 | 0.34 | cps |
| Yttrium | 89-1 | 21306534 | 20539004 | 19761528 | 20535689 | 3.76 | cps |
| Yttrium | 89-2 | 5705570 | 5636351 | 5700679 | 5680867 | 0.68 | cps |
| Zinc | 66-2 | 246038 | 245793 | 245899 | 245910 | 0.05 | cps |
| Zirconium | 90-1 | 902725 | 932322 | 928121 | 921056 | 1.74 | cps |
| Zirconium | 91-1 | 199729 | 206601 | 207060 | 204463 | 2.01 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5725879 | 5681334 | 5700985 | 5702733 | 0.39 | cps |
| Antimony | 121-1 | 1710 | 1660 | 1540 | 1637 | 5.34 | cps |
| Arsenic | 75-2 | 6898 | 6898 | 6592 | 6796 | 2.61 | cps |
| Barium | 135-1 | 456091 | 460114 | 456643 | 457616 | 0.48 | cps |
| Barium | 137-1 | 792669 | 798780 | 797298 | 796249 | 0.40 | cps |
| Beryllium | 9-1 | 1163 | 1220 | 1153 | 1179 | 3.05 | cps |
| Bismuth | 209-1 | 9670171 | 9573811 | 9625633 | 9623205 | 0.50 | cps |
| Bismuth | 209-2 | 8199512 | 8273831 | 8218554 | 8230632 | 0.47 | cps |
| Bromine | 81-1 | 15014 | 15205 | 15074 | 15098 | 0.64 | cps |
| Bromine | 81-2 | 380 | 430 | 410 | 407 | 6.19 | cps |
| Cadmium | 108-1 | 763 | 830 | 690 | 761 | 9.20 | cps |
| Cadmium | 106-1 | 6965 | 6938 | 6735 | 6879 | 1.83 | cps |
| Cadmium | 111-1 | 1904 | 2019 | 2031 | 1985 | 3.53 | cps |
| Calcium | 43-1 | 441267 | 444998 | 442137 | 442801 | 0.44 | cps |
| Calcium | 44-1 | 6966805 | 7060510 | 7000872 | 7009396 | 0.68 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 132785 | 132853 | 133619 | 133086 | 0.35 | cps |
| Cobalt | 59-2 | 194209 | 194786 | 192197 | 193731 | 0.70 | cps |
| Copper | 63-2 | 347993 | 347601 | 346707 | 347433 | 0.19 | cps |
| Dysprosium | 156-1 | 102850 | 103709 | 102832 | 103130 | 0.49 | cps |
| Dysprosium | 156-2 | 85994 | 87131 | 87004 | 86710 | 0.72 | cps |
| Erbium | 164-1 | 103059 | 103348 | 103106 | 103171 | 0.15 | cps |
| Erbium | 164-2 | 75858 | 75516 | 76042 | 75805 | 0.35 | cps |
| Gadolinium | 160-1 | 106323 | 108227 | 107105 | 107218 | 0.89 | cps |
| Gadolinium | 160-2 | 81096 | 81609 | 80577 | 81094 | 0.64 | cps |
| Holmium | 165-1 | 16207763 | 15896101 | 16100304 | 16068056 | 0.99 | cps |
| Holmium | 165-2 | 11656014 | 11662152 | 11867080 | 11728415 | 1.02 | cps |
| Indium | 115-1 | 12816447 | 12891857 | 12949265 | 12885856 | 0.52 | cps |
| Indium | 115-2 | 4921103 | 4892665 | 4919925 | 4911231 | 0.33 | cps |
| Iron | 56-2 | 257485870 | 256587710 | 259583756 | 257885778 | 0.60 | cps |
| Iron | 57-2 | 6346191 | 6329707 | 6390766 | 6355554 | 0.50 | cps |
| Iron | 54-2 | 13981462 | 14072207 | 13946137 | 13999935 | 0.46 | cps |
| Krypton | 83-1 | 287 | 343 | 390 | 340 | 15.22 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 387289 | 391948 | 386689 | 388642 | 0.74 | cps |
| Lead | 207-1 | 328596 | 330148 | 330472 | 329739 | 0.30 | cps |
| Lead | 208-1 | 1527985 | 1536510 | 1516701 | 1527065 | 0.65 | cps |
| Lithium | 6-1 | 2004868 | 2007632 | 1995557 | 2002686 | 0.32 | cps |
| Magnesium | 24-2 | 6016665 | 5932405 | 5888617 | 5945896 | 1.09 | cps |
| Manganese | 55-2 | 3388983 | 3371587 | 3365752 | 3375441 | 0.36 | cps |
| Molybdenum | 94-1 | 316132 | 321198 | 315900 | 317743 | 0.94 | cps |
| Molybdenum | 95-1 | 5584 | 5568 | 5294 | 5482 | 2.97 | cps |
| Molybdenum | 96-1 | 61264 | 61565 | 62027 | 61619 | 0.62 | cps |
| Molybdenum | 97-1 | 3404 | 3320 | 3220 | 3315 | 2.77 | cps |
| Molybdenum | 98-1 | 8683 | 8302 | 8499 | 8495 | 2.24 | cps |
| Neodymium | 150-1 | 149641 | 152339 | 151894 | 151292 | 0.96 | cps |
| Neodymium | 150-2 | 95115 | 94343 | 93913 | 94457 | 0.64 | cps |
| Nickel | 60-2 | 92674 | 92637 | 92734 | 92682 | 0.05 | cps |
| Phosphorus | 31-2 | 37987 | 37756 | 37790 | 37844 | 0.33 | cps |
| Potassium | 39-2 | 713662 | 710099 | 716607 | 713456 | 0.46 | cps |
| Rhodium | 103-1 | 11785029 | 12037677 | 11759711 | 11860806 | 1.30 | cps |
| Rhodium | 103-2 | 7160132 | 7102497 | 7227312 | 7163313 | 0.87 | cps |
| Scandium | 45-1 | 7224063 | 7251460 | 7122938 | 7199487 | 0.94 | cps |
| Scandium | 45-2 | 635603 | 636875 | 644388 | 638955 | 0.74 | cps |
| Selenium | 82-1 | 338 | 209 | 149 | 232 | 41.83 | cps |
| Selenium | 77-2 | 223 | 223 | 287 | 244 | 14.96 | cps |
| Selenium | 78-2 | 670 | 703 | 600 | 658 | 8.02 | cps |
| Silicon | 28-1 | 15051428 | 15073985 | 14988981 | 15038131 | 0.29 | cps |
| Silver | 107-1 | 1560 | 1530 | 1520 | 1537 | 1.35 | cps |
| Silver | 109-1 | 930 | 953 | 990 | 958 | 3.16 | cps |
| Sodium | 23-2 | 565530 | 562250 | 560367 | 562716 | 0.46 | cps |
| Strontium | 86-1 | 320216 | 322354 | 317870 | 320147 | 0.70 | cps |
| Strontium | 88-1 | 2865791 | 2926751 | 2890165 | 2894235 | 1.06 | cps |
| Sulfur | 34-1 | 154943 | 157576 | 158930 | 157150 | 1.29 | cps |
| Terbium | 159-1 | 16550179 | 16300801 | 16461439 | 16437473 | 0.77 | cps |
| Terbium | 159-2 | 11496424 | 11434873 | 11744694 | 11558664 | 1.42 | cps |
| Thallium | 203-1 | 2440 | 2434 | 2314 | 2396 | 2.98 | cps |
| Thallium | 205-1 | 5548 | 5855 | 5561 | 5655 | 3.07 | cps |
| Tin | 118-1 | 20034 | 20916 | 21786 | 20912 | 4.19 | cps |
| Titanium | 47-1 | 4759159 | 4762502 | 4739848 | 4753836 | 0.26 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39786 | 39137 | 39438 | 39454 | 0.82 | cps |
| Vanadium | 51-2 | 617599 | 618119 | 616344 | 617354 | 0.15 | cps |
| Yttrium | 89-1 | 20991254 | 21248010 | 20938827 | 21059363 | 0.79 | cps |
| Yttrium | 89-2 | 5916110 | 5805142 | 5886554 | 5869269 | 0.98 | cps |
| Zinc | 66-2 | 119446 | 117914 | 120427 | 119262 | 1.06 | cps |
| Zirconium | 90-1 | 855683 | 863293 | 859970 | 859648 | 0.44 | cps |
| Zirconium | 91-1 | 190135 | 191275 | 189537 | 190316 | 0.46 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5756192 | 5786465 | 5718334 | 5753664 | 0.59 | cps |
| Antimony | 121-1 | 1590 | 1520 | 1600 | 1570 | 2.78 | cps |
| Arsenic | 75-2 | 6241 | 6612 | 6498 | 6450 | 2.94 | cps |
| Barium | 135-1 | 458963 | 463640 | 460110 | 460905 | 0.53 | cps |
| Barium | 137-1 | 791309 | 800608 | 792936 | 794951 | 0.62 | cps |
| Beryllium | 9-1 | 1120 | 1017 | 1193 | 1110 | 8.00 | cps |
| Bismuth | 209-1 | 10246850 | 9707840 | 9675853 | 9876848 | 3.25 | cps |
| Bismuth | 209-2 | 8283488 | 8196806 | 8245132 | 8241809 | 0.53 | cps |
| Bromine | 81-1 | 15018 | 14707 | 15121 | 14949 | 1.44 | cps |
| Bromine | 81-2 | 380 | 360 | 347 | 362 | 4.63 | cps |
| Cadmium | 108-1 | 860 | 750 | 813 | 808 | 6.83 | cps |
| Cadmium | 106-1 | 7395 | 6955 | 6952 | 7101 | 3.59 | cps |
| Cadmium | 111-1 | 1873 | 2039 | 1947 | 1953 | 4.28 | cps |
| Calcium | 43-1 | 443944 | 445639 | 444319 | 444634 | 0.20 | cps |
| Calcium | 44-1 | 6981502 | 7025389 | 6956188 | 6987693 | 0.50 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 136222 | 134315 | 132681 | 134406 | 1.32 | cps |
| Cobalt | 59-2 | 194681 | 194989 | 193369 | 194346 | 0.44 | cps |
| Copper | 63-2 | 349343 | 348894 | 350224 | 349487 | 0.19 | cps |
| Dysprosium | 156-1 | 102114 | 102289 | 103921 | 102775 | 0.97 | cps |
| Dysprosium | 156-2 | 86159 | 85401 | 84881 | 85480 | 0.75 | cps |
| Erbium | 164-1 | 102459 | 102385 | 102042 | 102295 | 0.22 | cps |
| Erbium | 164-2 | 74464 | 74229 | 74530 | 74408 | 0.21 | cps |
| Gadolinium | 160-1 | 105661 | 107380 | 105718 | 106253 | 0.92 | cps |
| Gadolinium | 160-2 | 80637 | 80017 | 80506 | 80386 | 0.41 | cps |
| Holmium | 165-1 | 17278398 | 15985602 | 16067669 | 16443890 | 4.40 | cps |
| Holmium | 165-2 | 11643890 | 11642956 | 11586453 | 11624433 | 0.28 | cps |
| Indium | 115-1 | 13842476 | 12960163 | 12901770 | 13234803 | 3.98 | cps |
| Indium | 115-2 | 4995936 | 4972622 | 4896908 | 4955155 | 1.04 | cps |
| Iron | 56-2 | 259243643 | 260218469 | 256499050 | 258653721 | 0.75 | cps |
| Iron | 57-2 | 6388374 | 6426985 | 6331823 | 6382394 | 0.75 | cps |
| Iron | 54-2 | 14218313 | 14061208 | 14065453 | 14114991 | 0.63 | cps |
| Krypton | 83-1 | 347 | 353 | 323 | 341 | 4.62 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 383081 | 389766 | 392324 | 388390 | 1.23 | cps |
| Lead | 207-1 | 325282 | 333537 | 328614 | 329144 | 1.26 | cps |
| Lead | 208-1 | 1506677 | 1530518 | 1523154 | 1520117 | 0.80 | cps |
| Lithium | 6-1 | 2081580 | 1976679 | 2003143 | 2020468 | 2.70 | cps |
| Magnesium | 24-2 | 5996260 | 6016144 | 5993488 | 6001964 | 0.21 | cps |
| Manganese | 55-2 | 3451928 | 3447904 | 3366325 | 3422052 | 1.41 | cps |
| Molybdenum | 94-1 | 317065 | 321873 | 321266 | 320068 | 0.82 | cps |
| Molybdenum | 95-1 | 5498 | 5431 | 5444 | 5458 | 0.65 | cps |
| Molybdenum | 96-1 | 60638 | 63166 | 62593 | 62132 | 2.13 | cps |
| Molybdenum | 97-1 | 3447 | 3644 | 3584 | 3558 | 2.83 | cps |
| Molybdenum | 98-1 | 8886 | 8849 | 8846 | 8861 | 0.25 | cps |
| Neodymium | 150-1 | 151349 | 152845 | 151446 | 151880 | 0.55 | cps |
| Neodymium | 150-2 | 94299 | 94675 | 94111 | 94362 | 0.30 | cps |
| Nickel | 60-2 | 93093 | 93526 | 93006 | 93208 | 0.30 | cps |
| Phosphorus | 31-2 | 37680 | 37683 | 37195 | 37519 | 0.75 | cps |
| Potassium | 39-2 | 724069 | 721652 | 712934 | 719552 | 0.81 | cps |
| Rhodium | 103-1 | 12765374 | 11860209 | 11876824 | 12167469 | 4.26 | cps |
| Rhodium | 103-2 | 7321651 | 7135885 | 7148289 | 7201942 | 1.44 | cps |
| Scandium | 45-1 | 7714707 | 7275032 | 7232275 | 7407338 | 3.61 | cps |
| Scandium | 45-2 | 647958 | 646337 | 644047 | 646114 | 0.30 | cps |
| Selenium | 82-1 | 262 | 298 | 293 | 284 | 6.77 | cps |
| Selenium | 77-2 | 233 | 283 | 237 | 251 | 11.13 | cps |
| Selenium | 78-2 | 597 | 737 | 720 | 684 | 11.17 | cps |
| Silicon | 28-1 | 15284698 | 15242035 | 15041935 | 15189556 | 0.85 | cps |
| Silver | 107-1 | 1513 | 1590 | 1590 | 1565 | 2.83 | cps |
| Silver | 109-1 | 930 | 973 | 930 | 944 | 2.65 | cps |
| Sodium | 23-2 | 574031 | 564589 | 566477 | 568366 | 0.88 | cps |
| Strontium | 86-1 | 318626 | 322306 | 321635 | 320855 | 0.61 | cps |
| Strontium | 88-1 | 2890148 | 2883321 | 2853914 | 2875794 | 0.67 | cps |
| Sulfur | 34-1 | 159947 | 160119 | 159708 | 159924 | 0.13 | cps |
| Terbium | 159-1 | 17529925 | 16588653 | 16536397 | 16884992 | 3.31 | cps |
| Terbium | 159-2 | 11448243 | 11503297 | 11433616 | 11461718 | 0.32 | cps |
| Thallium | 203-1 | 2470 | 2460 | 2247 | 2392 | 5.27 | cps |
| Thallium | 205-1 | 5675 | 5861 | 5828 | 5788 | 1.72 | cps |
| Tin | 118-1 | 20591 | 22065 | 22268 | 21641 | 4.23 | cps |
| Titanium | 47-1 | 4727748 | 4811113 | 4744155 | 4761005 | 0.93 | cps |

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 |

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 : | P5250-06LX5 | 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 |

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

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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 | 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12125 | 12008 | 12038 | 12057 | 0.50 | cps |
| Antimony | 121-1 | 49953 | 51144 | 51863 | 50987 | 1.89 | cps |
| Arsenic | 75-2 | 1600 | 1463 | 1487 | 1517 | 4.82 | cps |
| Barium | 135-1 | 63039 | 63678 | 63862 | 63526 | 0.68 | cps |
| Barium | 137-1 | 108853 | 110179 | 111127 | 110053 | 1.04 | cps |
| Beryllium | 9-1 | 3360 | 3297 | 3354 | 3337 | 1.04 | cps |
| Bismuth | 209-1 | 9947199 | 9462155 | 9433517 | 9614290 | 3.00 | cps |
| Bismuth | 209-2 | 8320242 | 8246630 | 8307151 | 8291341 | 0.47 | cps |
| Bromine | 81-1 | 15211 | 14778 | 15358 | 15116 | 2.00 | cps |
| Bromine | 81-2 | 147 | 167 | 163 | 159 | 6.74 | cps |
| Cadmium | 108-1 | 423 | 510 | 483 | 472 | 9.40 | cps |
| Cadmium | 106-1 | 6061 | 5448 | 5034 | 5514 | 9.37 | cps |
| Cadmium | 111-1 | 7839 | 8203 | 8121 | 8054 | 2.37 | cps |
| Calcium | 43-1 | 34068 | 35786 | 35976 | 35277 | 2.98 | cps |
| Calcium | 44-1 | 556350 | 574643 | 578526 | 569840 | 2.08 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 22914 | 22377 | 22467 | 22586 | 1.27 | cps |
| Cobalt | 59-2 | 17454 | 17333 | 17363 | 17383 | 0.36 | cps |
| Copper | 63-2 | 26450 | 25769 | 25989 | 26069 | 1.33 | cps |
| Dysprosium | 156-1 | 13 | 13 | 30 | 19 | 50.96 | cps |
| Dysprosium | 156-2 | 20 | 13 | 10 | 14 | 35.26 | cps |
| Erbium | 164-1 | 53 | 70 | 90 | 71 | 25.82 | cps |
| Erbium | 164-2 | 47 | 60 | 57 | 54 | 12.74 | cps |
| Gadolinium | 160-1 | 53 | 37 | 40 | 43 | 20.34 | cps |
| Gadolinium | 160-2 | 660 | 660 | 693 | 671 | 2.87 | cps |
| Holmium | 165-1 | 16419648 | 15865505 | 15669176 | 15984776 | 2.43 | cps |
| Holmium | 165-2 | 11477737 | 11571927 | 11470722 | 11506795 | 0.49 | cps |
| Indium | 115-1 | 13891629 | 12996601 | 13007959 | 13298730 | 3.86 | cps |
| Indium | 115-2 | 5119193 | 5070078 | 4970096 | 5053123 | 1.50 | cps |
| Iron | 56-2 | 2115019 | 2102107 | 2114835 | 2110653 | 0.35 | cps |
| Iron | 57-2 | 53140 | 53281 | 53662 | 53361 | 0.51 | cps |
| Iron | 54-2 | 117252 | 118229 | 117023 | 117501 | 0.55 | cps |
| Krypton | 83-1 | 177 | 237 | 210 | 208 | 14.47 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19047 | 20178 | 19898 | 19708 | 2.99 | cps |
| Lead | 207-1 | 17024 | 17094 | 17378 | 17165 | 1.09 | cps |
| Lead | 208-1 | 76397 | 78555 | 78622 | 77858 | 1.63 | cps |
| Lithium | 6-1 | 2094255 | 1959516 | 1955637 | 2003136 | 3.94 | cps |
| Magnesium | 24-2 | 463019 | 458277 | 457095 | 459463 | 0.68 | cps |
| Manganese | 55-2 | 9490 | 9653 | 9266 | 9470 | 2.05 | cps |
| Molybdenum | 94-1 | 50724 | 52758 | 52497 | 51993 | 2.13 | cps |
| Molybdenum | 95-1 | 61913 | 63376 | 63838 | 63043 | 1.59 | cps |
| Molybdenum | 96-1 | 69404 | 72106 | 71443 | 70984 | 1.98 | cps |
| Molybdenum | 97-1 | 38297 | 39580 | 40282 | 39386 | 2.56 | cps |
| Molybdenum | 98-1 | 99543 | 104410 | 102919 | 102291 | 2.44 | cps |
| Neodymium | 150-1 | 17 | 10 | 7 | 11 | 45.82 | cps |
| Neodymium | 150-2 | 3 | 7 | 10 | 7 | 50.03 | cps |
| Nickel | 60-2 | 4564 | 4657 | 4671 | 4631 | 1.26 | cps |
| Phosphorus | 31-2 | 797 | 853 | 813 | 821 | 3.55 | cps |
| Potassium | 39-2 | 715680 | 716018 | 712170 | 714623 | 0.30 | cps |
| Rhodium | 103-1 | 12892750 | 12155860 | 12079434 | 12376015 | 3.63 | cps |
| Rhodium | 103-2 | 7353987 | 7429764 | 7259840 | 7347864 | 1.16 | cps |
| Scandium | 45-1 | 7511770 | 7061010 | 7090902 | 7221227 | 3.49 | cps |
| Scandium | 45-2 | 644284 | 642263 | 641224 | 642590 | 0.24 | cps |
| Selenium | 82-1 | 2234 | 2133 | 2120 | 2163 | 2.87 | cps |
| Selenium | 77-2 | 237 | 230 | 240 | 236 | 2.16 | cps |
| Selenium | 78-2 | 1250 | 1133 | 1327 | 1237 | 7.87 | cps |
| Silicon | 28-1 | 781265 | 789863 | 794735 | 788621 | 0.86 | cps |
| Silver | 107-1 | 32924 | 32974 | 34000 | 33299 | 1.82 | cps |
| Silver | 109-1 | 30399 | 31250 | 31561 | 31070 | 1.94 | cps |
| Sodium | 23-2 | 756600 | 748940 | 754480 | 753340 | 0.53 | cps |
| Strontium | 86-1 | 8616 | 9150 | 8609 | 8792 | 3.53 | cps |
| Strontium | 88-1 | 70110 | 72008 | 71164 | 71094 | 1.34 | cps |
| Sulfur | 34-1 | 173478 | 175003 | 178287 | 175589 | 1.40 | cps |
| Terbium | 159-1 | 17059993 | 16343144 | 16069206 | 16490781 | 3.10 | cps |
| Terbium | 159-2 | 11425936 | 11347241 | 11411853 | 11395010 | 0.37 | cps |
| Thallium | 203-1 | 23444 | 24485 | 24853 | 24261 | 3.01 | cps |
| Thallium | 205-1 | 55285 | 58291 | 57879 | 57152 | 2.85 | cps |
| Tin | 118-1 | 107615 | 108595 | 108736 | 108315 | 0.56 | cps |
| Titanium | 47-1 | 3874 | 3690 | 4154 | 3906 | 5.98 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 65601 | 67792 | 68207 | 67200 | 2.08 | cps |
| Vanadium | 51-2 | 47558 | 47979 | 46980 | 47506 | 1.06 | cps |
| Yttrium | 89-1 | 20747343 | 19916153 | 19689670 | 20117722 | 2.77 | cps |
| Yttrium | 89-2 | 5626016 | 5620310 | 5599117 | 5615148 | 0.25 | cps |
| Zinc | 66-2 | 11091 | 10997 | 10877 | 10989 | 0.97 | cps |
| Zirconium | 90-1 | 41589 | 44002 | 43641 | 43078 | 3.02 | cps |
| Zirconium | 91-1 | 9223 | 9753 | 9790 | 9589 | 3.31 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13647415 | 13758959 | 13625271 | 13677215 | 0.52 | cps |
| Antimony | 121-1 | 5862838 | 5921457 | 5941913 | 5908736 | 0.69 | cps |
| Arsenic | 75-2 | 289715 | 289168 | 286910 | 288597 | 0.52 | cps |
| Barium | 135-1 | 7613339 | 7727758 | 7644551 | 7661883 | 0.77 | cps |
| Barium | 137-1 | 13258004 | 13153865 | 13166984 | 13192951 | 0.43 | cps |
| Beryllium | 9-1 | 699534 | 705792 | 710547 | 705291 | 0.78 | cps |
| Bismuth | 209-1 | 8921875 | 8955383 | 8931990 | 8936416 | 0.19 | cps |
| Bismuth | 209-2 | 7400768 | 7476295 | 7347343 | 7408135 | 0.87 | cps |
| Bromine | 81-1 | 12545 | 12545 | 12442 | 12511 | 0.48 | cps |
| Bromine | 81-2 | 123 | 113 | 127 | 121 | 5.73 | cps |
| Cadmium | 108-1 | 105799 | 106997 | 106658 | 106485 | 0.58 | cps |
| Cadmium | 106-1 | 153643 | 153952 | 153474 | 153690 | 0.16 | cps |
| Cadmium | 111-1 | 1430945 | 1450960 | 1453956 | 1445287 | 0.87 | cps |
| Calcium | 43-1 | 7400169 | 7357524 | 7466601 | 7408098 | 0.74 | cps |
| Calcium | 44-1 | 118285832 | 118029932 | 118508502 | 118274755 | 0.20 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2270143 | 2237721 | 2257322 | 2255062 | 0.72 | cps |
| Cobalt | 59-2 | 3426156 | 3427077 | 3447779 | 3433671 | 0.36 | cps |
| Copper | 63-2 | 23928014 | 24021719 | 24038342 | 23996025 | 0.25 | cps |
| Dysprosium | 156-1 | 290 | 200 | 250 | 247 | 18.28 | cps |
| Dysprosium | 156-2 | 657 | 587 | 600 | 614 | 6.05 | cps |
| Erbium | 164-1 | 333 | 317 | 290 | 313 | 6.98 | cps |
| Erbium | 164-2 | 247 | 203 | 270 | 240 | 14.10 | cps |
| Gadolinium | 160-1 | 250 | 280 | 267 | 266 | 5.66 | cps |
| Gadolinium | 160-2 | 807 | 753 | 733 | 764 | 4.96 | cps |
| Holmium | 165-1 | 15527786 | 15276726 | 15349699 | 15384737 | 0.84 | cps |
| Holmium | 165-2 | 11185768 | 11238630 | 10997654 | 11140684 | 1.14 | cps |
| Indium | 115-1 | 11695662 | 11599555 | 11435465 | 11576894 | 1.14 | cps |
| Indium | 115-2 | 4327034 | 4374970 | 4298422 | 4333475 | 0.89 | cps |
| Iron | 56-2 | 529347072 | 528264219 | 526749512 | 528120268 | 0.25 | cps |
| Iron | 57-2 | 13249235 | 13158872 | 13038975 | 13149027 | 0.80 | cps |
| Iron | 54-2 | 28742559 | 28714341 | 28499199 | 28652033 | 0.46 | cps |
| Krypton | 83-1 | 203 | 223 | 247 | 224 | 9.66 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 22983518 | 23172690 | 23606158 | 23254122 | 1.37 | cps |
| Lead | 207-1 | 20139476 | 20600582 | 20650575 | 20463544 | 1.38 | cps |
| Lead | 208-1 | 92264298 | 93841827 | 94392177 | 93499434 | 1.18 | cps |
| Lithium | 6-1 | 1914656 | 1891600 | 1908870 | 1905042 | 0.63 | cps |
| Magnesium | 24-2 | 101857762 | 102315538 | 102084452 | 102085917 | 0.22 | cps |
| Manganese | 55-2 | 18456802 | 18425167 | 18399521 | 18427163 | 0.16 | cps |
| Molybdenum | 94-1 | 19917157 | 19952988 | 19840499 | 19903548 | 0.29 | cps |
| Molybdenum | 95-1 | 28913531 | 29015642 | 28959539 | 28962904 | 0.18 | cps |
| Molybdenum | 96-1 | 32067867 | 31995852 | 32205922 | 32089880 | 0.33 | cps |
| Molybdenum | 97-1 | 18207407 | 18133536 | 18085712 | 18142218 | 0.34 | cps |
| Molybdenum | 98-1 | 46470124 | 46698066 | 46732331 | 46633507 | 0.31 | cps |
| Neodymium | 150-1 | 530 | 453 | 437 | 473 | 10.52 | cps |
| Neodymium | 150-2 | 140 | 157 | 153 | 150 | 5.88 | cps |
| Nickel | 60-2 | 818595 | 818717 | 820868 | 819393 | 0.16 | cps |
| Phosphorus | 31-2 | 119871 | 118239 | 119471 | 119194 | 0.71 | cps |
| Potassium | 39-2 | 66154516 | 66101796 | 66454059 | 66236790 | 0.29 | cps |
| Rhodium | 103-1 | 10235367 | 10139518 | 10139869 | 10171585 | 0.54 | cps |
| Rhodium | 103-2 | 6115274 | 6185806 | 6097081 | 6132720 | 0.76 | cps |
| Scandium | 45-1 | 6334314 | 6260614 | 6271055 | 6288661 | 0.63 | cps |
| Scandium | 45-2 | 550505 | 551401 | 551203 | 551037 | 0.09 | cps |
| Selenium | 82-1 | 84602 | 85077 | 84673 | 84784 | 0.30 | cps |
| Selenium | 77-2 | 9050 | 9046 | 9386 | 9161 | 2.13 | cps |
| Selenium | 78-2 | 30992 | 31086 | 31143 | 31074 | 0.24 | cps |
| Silicon | 28-1 | 7436469 | 7517248 | 7444695 | 7466138 | 0.60 | cps |
| Silver | 107-1 | 7129701 | 7145860 | 7109471 | 7128344 | 0.26 | cps |
| Silver | 109-1 | 6827824 | 6810305 | 6808974 | 6815701 | 0.15 | cps |
| Sodium | 23-2 | 165743188 | 167750991 | 167633121 | 167042433 | 0.67 | cps |
| Strontium | 86-1 | 1835564 | 1871858 | 1810708 | 1839377 | 1.67 | cps |
| Strontium | 88-1 | 15874854 | 16137080 | 16105577 | 16039170 | 0.89 | cps |
| Sulfur | 34-1 | 553818 | 550875 | 555052 | 553248 | 0.39 | cps |
| Terbium | 159-1 | 15671791 | 15472116 | 15770239 | 15638049 | 0.97 | cps |
| Terbium | 159-2 | 10999154 | 11066244 | 10760498 | 10941965 | 1.47 | cps |
| Thallium | 203-1 | 5873106 | 5927100 | 5979408 | 5926538 | 0.90 | cps |
| Thallium | 205-1 | 13718274 | 13909447 | 14031258 | 13886327 | 1.14 | cps |
| Tin | 118-1 | 4794546 | 4858438 | 4851025 | 4834670 | 0.72 | cps |
| Titanium | 47-1 | 6994246 | 6941187 | 6896458 | 6943963 | 0.70 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18391485 | 18439593 | 18531553 | 18454210 | 0.39 | cps |
| Vanadium | 51-2 | 2019383 | 2002342 | 2010166 | 2010630 | 0.42 | cps |
| Yttrium | 89-1 | 17763409 | 17955871 | 17850462 | 17856580 | 0.54 | cps |
| Yttrium | 89-2 | 4911189 | 4994362 | 4972240 | 4959264 | 0.87 | cps |
| Zinc | 66-2 | 4156022 | 4111223 | 4117674 | 4128306 | 0.59 | cps |
| Zirconium | 90-1 | 9778352 | 10002237 | 9813852 | 9864814 | 1.22 | cps |
| Zirconium | 91-1 | 2147343 | 2208975 | 2181686 | 2179335 | 1.42 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 213 | 287 | 263 | 254 | 14.72 | cps |
| Antimony | 121-1 | 347 | 407 | 307 | 353 | 14.24 | cps |
| Arsenic | 75-2 | 3 | 10 | 3 | 6 | 69.34 | cps |
| Barium | 135-1 | 50 | 53 | 33 | 46 | 23.52 | cps |
| Barium | 137-1 | 100 | 107 | 100 | 102 | 3.77 | cps |
| Beryllium | 9-1 | 97 | 77 | 93 | 89 | 12.05 | cps |
| Bismuth | 209-1 | 9623115 | 9722222 | 9735770 | 9693702 | 0.63 | cps |
| Bismuth | 209-2 | 8321512 | 8364676 | 8252853 | 8313013 | 0.68 | cps |
| Bromine | 81-1 | 13857 | 14194 | 14354 | 14135 | 1.80 | cps |
| Bromine | 81-2 | 263 | 230 | 267 | 253 | 8.00 | cps |
| Cadmium | 108-1 | 17 | 10 | 3 | 10 | 66.70 | cps |
| Cadmium | 106-1 | 4534 | 4444 | 4394 | 4457 | 1.59 | cps |
| Cadmium | 111-1 | 952 | 905 | 893 | 917 | 3.38 | cps |
| Calcium | 43-1 | 243 | 247 | 200 | 230 | 11.32 | cps |
| Calcium | 44-1 | 6985 | 6848 | 6682 | 6838 | 2.22 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2030 | 1933 | 2220 | 2061 | 7.08 | cps |
| Cobalt | 59-2 | 140 | 177 | 147 | 154 | 12.65 | cps |
| Copper | 63-2 | 1393 | 1420 | 1417 | 1410 | 1.03 | cps |
| Dysprosium | 156-1 | 10 | 13 | 17 | 13 | 25.01 | cps |
| Dysprosium | 156-2 | 13 | 7 | 3 | 8 | 65.47 | cps |
| Erbium | 164-1 | 97 | 73 | 90 | 87 | 13.87 | cps |
| Erbium | 164-2 | 57 | 63 | 43 | 54 | 18.71 | cps |
| Gadolinium | 160-1 | 57 | 53 | 60 | 57 | 5.89 | cps |
| Gadolinium | 160-2 | 647 | 610 | 623 | 627 | 2.96 | cps |
| Holmium | 165-1 | 15767294 | 15888210 | 15636521 | 15764008 | 0.80 | cps |
| Holmium | 165-2 | 11599187 | 11555342 | 11431014 | 11528514 | 0.76 | cps |
| Indium | 115-1 | 12764843 | 12778855 | 12817196 | 12786965 | 0.21 | cps |
| Indium | 115-2 | 4877360 | 4857462 | 4848959 | 4861260 | 0.30 | cps |
| Iron | 56-2 | 21222 | 21746 | 21712 | 21560 | 1.36 | cps |
| Iron | 57-2 | 1130 | 1047 | 1080 | 1086 | 3.86 | cps |
| Iron | 54-2 | 2580 | 2647 | 2624 | 2617 | 1.29 | cps |
| Krypton | 83-1 | 203 | 157 | 167 | 176 | 14.00 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 640 | 620 | 660 | 640 | 3.12 | cps |
| Lead | 207-1 | 500 | 450 | 513 | 488 | 6.85 | cps |
| Lead | 208-1 | 2307 | 2427 | 2533 | 2422 | 4.68 | cps |
| Lithium | 6-1 | 2026692 | 2052963 | 2020275 | 2033310 | 0.85 | cps |
| Magnesium | 24-2 | 980 | 947 | 897 | 941 | 4.46 | cps |
| Manganese | 55-2 | 333 | 363 | 297 | 331 | 10.08 | cps |
| Molybdenum | 94-1 | 477 | 607 | 497 | 527 | 13.29 | cps |
| Molybdenum | 95-1 | 367 | 340 | 343 | 350 | 4.15 | cps |
| Molybdenum | 96-1 | 437 | 463 | 457 | 452 | 3.07 | cps |
| Molybdenum | 97-1 | 253 | 253 | 253 | 253 | 0.00 | cps |
| Molybdenum | 98-1 | 640 | 587 | 600 | 609 | 4.56 | cps |
| Neodymium | 150-1 | 13 | 13 | 10 | 12 | 15.73 | cps |
| Neodymium | 150-2 | 0 | 0 | 10 | 3 | 173.21 | cps |
| Nickel | 60-2 | 597 | 617 | 703 | 639 | 8.88 | cps |
| Phosphorus | 31-2 | 150 | 130 | 107 | 129 | 16.83 | cps |
| Potassium | 39-2 | 54490 | 53955 | 53554 | 54000 | 0.87 | cps |
| Rhodium | 103-1 | 11743166 | 11639511 | 11663232 | 11681970 | 0.46 | cps |
| Rhodium | 103-2 | 7171133 | 7131621 | 7143254 | 7148669 | 0.28 | cps |
| Scandium | 45-1 | 6763016 | 6714136 | 6715368 | 6730840 | 0.41 | cps |
| Scandium | 45-2 | 594187 | 597682 | 594947 | 595605 | 0.31 | cps |
| Selenium | 82-1 | 102 | 141 | 121 | 121 | 16.21 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 470 | 473 | 450 | 464 | 2.72 | cps |
| Silicon | 28-1 | 543818 | 551047 | 545882 | 546915 | 0.68 | cps |
| Silver | 107-1 | 257 | 213 | 193 | 221 | 14.64 | cps |
| Silver | 109-1 | 133 | 107 | 123 | 121 | 11.12 | cps |
| Sodium | 23-2 | 23805 | 24329 | 24206 | 24113 | 1.14 | cps |
| Strontium | 86-1 | 317 | 290 | 353 | 320 | 9.94 | cps |
| Strontium | 88-1 | 230 | 240 | 227 | 232 | 2.99 | cps |
| Sulfur | 34-1 | 180738 | 180374 | 179730 | 180281 | 0.28 | cps |
| Terbium | 159-1 | 16237166 | 16192552 | 16408788 | 16279502 | 0.70 | cps |
| Terbium | 159-2 | 11371314 | 11393245 | 11207071 | 11323877 | 0.90 | cps |
| Thallium | 203-1 | 643 | 590 | 640 | 624 | 4.78 | cps |
| Thallium | 205-1 | 1500 | 1507 | 1603 | 1537 | 3.76 | cps |
| Tin | 118-1 | 1333 | 1243 | 1213 | 1263 | 4.94 | cps |
| Titanium | 47-1 | 110 | 87 | 123 | 107 | 17.40 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB013 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB013 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33 | 13 | 40 | 29 | 48.05 | cps |
| Vanadium | 51-2 | 30 | 20 | 10 | 20 | 50.00 | cps |
| Yttrium | 89-1 | 19145541 | 19074122 | 18968518 | 19062727 | 0.47 | cps |
| Yttrium | 89-2 | 5374492 | 5315153 | 5294156 | 5327934 | 0.78 | cps |
| Zinc | 66-2 | 227 | 280 | 333 | 280 | 19.05 | cps |
| Zirconium | 90-1 | 760 | 893 | 793 | 816 | 8.51 | cps |
| Zirconium | 91-1 | 217 | 173 | 153 | 181 | 17.87 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 207 | 210 | 203 | 207 | 1.61 | cps |
| Antimony | 121-1 | 193 | 230 | 313 | 246 | 25.04 | cps |
| Arsenic | 75-2 | 17 | 0 | 10 | 9 | 94.38 | cps |
| Barium | 135-1 | 47 | 73 | 60 | 60 | 22.22 | cps |
| Barium | 137-1 | 127 | 100 | 107 | 111 | 12.49 | cps |
| Beryllium | 9-1 | 83 | 80 | 103 | 89 | 14.20 | cps |
| Bismuth | 209-1 | 9708964 | 9732295 | 9653292 | 9698184 | 0.42 | cps |
| Bismuth | 209-2 | 8350378 | 8239346 | 8313811 | 8301178 | 0.68 | cps |
| Bromine | 81-1 | 14080 | 14347 | 14791 | 14406 | 2.49 | cps |
| Bromine | 81-2 | 137 | 157 | 167 | 153 | 9.96 | cps |
| Cadmium | 108-1 | 13 | 10 | 10 | 11 | 17.30 | cps |
| Cadmium | 106-1 | 4774 | 4617 | 4654 | 4682 | 1.75 | cps |
| Cadmium | 111-1 | 962 | 930 | 934 | 942 | 1.87 | cps |
| Calcium | 43-1 | 313 | 267 | 270 | 283 | 9.19 | cps |
| Calcium | 44-1 | 6662 | 6868 | 6825 | 6785 | 1.61 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1360 | 1313 | 1347 | 1340 | 1.79 | cps |
| Cobalt | 59-2 | 133 | 123 | 143 | 133 | 7.50 | cps |
| Copper | 63-2 | 1233 | 1170 | 1287 | 1230 | 4.75 | cps |
| Dysprosium | 156-1 | 20 | 13 | 13 | 16 | 24.76 | cps |
| Dysprosium | 156-2 | 0 | 7 | 7 | 4 | 86.60 | cps |
| Erbium | 164-1 | 53 | 97 | 73 | 74 | 29.14 | cps |
| Erbium | 164-2 | 60 | 50 | 70 | 60 | 16.67 | cps |
| Gadolinium | 160-1 | 50 | 37 | 60 | 49 | 23.94 | cps |
| Gadolinium | 160-2 | 650 | 670 | 667 | 662 | 1.62 | cps |
| Holmium | 165-1 | 15659206 | 15617477 | 15607469 | 15628051 | 0.18 | cps |
| Holmium | 165-2 | 11615600 | 11536604 | 11527872 | 11560025 | 0.42 | cps |
| Indium | 115-1 | 12720856 | 12790397 | 12714569 | 12741941 | 0.33 | cps |
| Indium | 115-2 | 4939993 | 4914311 | 4866705 | 4907003 | 0.76 | cps |
| Iron | 56-2 | 18211 | 18335 | 18445 | 18330 | 0.64 | cps |
| Iron | 57-2 | 1037 | 993 | 1073 | 1034 | 3.87 | cps |
| Iron | 54-2 | 2430 | 2374 | 2537 | 2447 | 3.39 | cps |
| Krypton | 83-1 | 217 | 220 | 237 | 224 | 4.77 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 707 | 627 | 560 | 631 | 11.64 | cps |
| Lead | 207-1 | 487 | 557 | 477 | 507 | 8.60 | cps |
| Lead | 208-1 | 2410 | 2363 | 2340 | 2371 | 1.50 | cps |
| Lithium | 6-1 | 2006679 | 1998697 | 1998386 | 2001254 | 0.23 | cps |
| Magnesium | 24-2 | 920 | 707 | 900 | 842 | 13.99 | cps |
| Manganese | 55-2 | 653 | 703 | 657 | 671 | 4.17 | cps |
| Molybdenum | 94-1 | 457 | 363 | 403 | 408 | 11.48 | cps |
| Molybdenum | 95-1 | 230 | 233 | 240 | 234 | 2.17 | cps |
| Molybdenum | 96-1 | 267 | 300 | 300 | 289 | 6.66 | cps |
| Molybdenum | 97-1 | 180 | 137 | 150 | 156 | 14.27 | cps |
| Molybdenum | 98-1 | 360 | 353 | 390 | 368 | 5.31 | cps |
| Neodymium | 150-1 | 10 | 7 | 20 | 12 | 56.76 | cps |
| Neodymium | 150-2 | 3 | 10 | 7 | 7 | 50.03 | cps |
| Nickel | 60-2 | 463 | 430 | 477 | 457 | 5.26 | cps |
| Phosphorus | 31-2 | 183 | 150 | 150 | 161 | 11.95 | cps |
| Potassium | 39-2 | 55658 | 53330 | 55320 | 54769 | 2.30 | cps |
| Rhodium | 103-1 | 11766098 | 11824523 | 11774204 | 11788275 | 0.27 | cps |
| Rhodium | 103-2 | 7209889 | 7184239 | 7193029 | 7195719 | 0.18 | cps |
| Scandium | 45-1 | 6841256 | 6828111 | 6788297 | 6819222 | 0.40 | cps |
| Scandium | 45-2 | 609071 | 604287 | 602216 | 605191 | 0.58 | cps |
| Selenium | 82-1 | 149 | 152 | 129 | 143 | 8.70 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 443 | 433 | 383 | 420 | 7.65 | cps |
| Silicon | 28-1 | 570786 | 573291 | 572731 | 572269 | 0.23 | cps |
| Silver | 107-1 | 160 | 177 | 110 | 149 | 23.30 | cps |
| Silver | 109-1 | 160 | 113 | 93 | 122 | 27.99 | cps |
| Sodium | 23-2 | 20988 | 20657 | 20617 | 20754 | 0.98 | cps |
| Strontium | 86-1 | 343 | 330 | 350 | 341 | 2.99 | cps |
| Strontium | 88-1 | 317 | 330 | 300 | 316 | 4.76 | cps |
| Sulfur | 34-1 | 182313 | 184911 | 184671 | 183965 | 0.78 | cps |
| Terbium | 159-1 | 16211517 | 16210485 | 15984803 | 16135602 | 0.81 | cps |
| Terbium | 159-2 | 11318719 | 11193383 | 11350058 | 11287387 | 0.73 | cps |
| Thallium | 203-1 | 517 | 477 | 567 | 520 | 8.67 | cps |
| Thallium | 205-1 | 1310 | 1457 | 1467 | 1411 | 6.22 | cps |
| Tin | 118-1 | 1650 | 1360 | 1493 | 1501 | 9.67 | cps |
| Titanium | 47-1 | 87 | 57 | 67 | 70 | 21.82 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:14:43 | DataFile Name : | 063CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 10 | 30 | 17 | 19 | 53.91 | cps |
| Vanadium | 51-2 | 7 | 7 | 13 | 9 | 43.25 | cps |
| Yttrium | 89-1 | 18939109 | 19248032 | 19335068 | 19174070 | 1.09 | cps |
| Yttrium | 89-2 | 5402108 | 5373351 | 5392441 | 5389300 | 0.27 | cps |
| Zinc | 66-2 | 283 | 280 | 303 | 289 | 4.37 | cps |
| Zirconium | 90-1 | 760 | 763 | 863 | 796 | 7.38 | cps |
| Zirconium | 91-1 | 120 | 143 | 193 | 152 | 24.61 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10957 | 10911 | 10831 | 10900 | 0.59 | cps |
| Antimony | 121-1 | 46746 | 46398 | 46809 | 46651 | 0.47 | cps |
| Arsenic | 75-2 | 1353 | 1440 | 1300 | 1365 | 5.18 | cps |
| Barium | 135-1 | 57964 | 57227 | 57134 | 57442 | 0.79 | cps |
| Barium | 137-1 | 100441 | 99348 | 99005 | 99598 | 0.75 | cps |
| Beryllium | 9-1 | 3120 | 3204 | 2987 | 3104 | 3.52 | cps |
| Bismuth | 209-1 | 9528337 | 9662512 | 9689463 | 9626771 | 0.90 | cps |
| Bismuth | 209-2 | 8277848 | 8225464 | 8145359 | 8216224 | 0.81 | cps |
| Bromine | 81-1 | 14240 | 14671 | 13847 | 14253 | 2.89 | cps |
| Bromine | 81-2 | 130 | 150 | 107 | 129 | 16.83 | cps |
| Cadmium | 108-1 | 520 | 447 | 440 | 469 | 9.47 | cps |
| Cadmium | 106-1 | 5538 | 5188 | 5018 | 5248 | 5.05 | cps |
| Cadmium | 111-1 | 7082 | 7260 | 7298 | 7214 | 1.60 | cps |
| Calcium | 43-1 | 31837 | 31162 | 31062 | 31354 | 1.34 | cps |
| Calcium | 44-1 | 507102 | 507642 | 509033 | 507926 | 0.20 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19813 | 19279 | 19079 | 19390 | 1.96 | cps |
| Cobalt | 59-2 | 15161 | 15561 | 15038 | 15253 | 1.80 | cps |
| Copper | 63-2 | 22537 | 22604 | 22841 | 22661 | 0.70 | cps |
| Dysprosium | 156-1 | 7 | 10 | 3 | 7 | 50.03 | cps |
| Dysprosium | 156-2 | 23 | 17 | 3 | 14 | 70.51 | cps |
| Erbium | 164-1 | 67 | 70 | 97 | 78 | 21.14 | cps |
| Erbium | 164-2 | 70 | 70 | 63 | 68 | 5.68 | cps |
| Gadolinium | 160-1 | 47 | 37 | 47 | 43 | 13.32 | cps |
| Gadolinium | 160-2 | 710 | 683 | 680 | 691 | 2.38 | cps |
| Holmium | 165-1 | 15841181 | 15643098 | 15663934 | 15716071 | 0.69 | cps |
| Holmium | 165-2 | 11397386 | 11501527 | 11453832 | 11450915 | 0.46 | cps |
| Indium | 115-1 | 12690050 | 12724874 | 12852915 | 12755947 | 0.67 | cps |
| Indium | 115-2 | 4946220 | 4943750 | 4903744 | 4931238 | 0.48 | cps |
| Iron | 56-2 | 1850331 | 1823109 | 1810288 | 1827909 | 1.12 | cps |
| Iron | 57-2 | 46890 | 45736 | 46629 | 46418 | 1.30 | cps |
| Iron | 54-2 | 103083 | 102922 | 101405 | 102470 | 0.90 | cps |
| Krypton | 83-1 | 170 | 210 | 200 | 193 | 10.77 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 17892 | 18429 | 18019 | 18113 | 1.55 | cps |
| Lead | 207-1 | 15839 | 16080 | 16307 | 16075 | 1.45 | cps |
| Lead | 208-1 | 71694 | 72753 | 72883 | 72443 | 0.90 | cps |
| Lithium | 6-1 | 2016128 | 2020135 | 1996854 | 2011039 | 0.62 | cps |
| Magnesium | 24-2 | 403056 | 403665 | 402980 | 403234 | 0.09 | cps |
| Manganese | 55-2 | 8272 | 8416 | 8529 | 8406 | 1.53 | cps |
| Molybdenum | 94-1 | 46032 | 46119 | 46654 | 46268 | 0.73 | cps |
| Molybdenum | 95-1 | 56214 | 57365 | 57221 | 56933 | 1.10 | cps |
| Molybdenum | 96-1 | 63232 | 64049 | 63634 | 63639 | 0.64 | cps |
| Molybdenum | 97-1 | 35142 | 34918 | 35239 | 35100 | 0.47 | cps |
| Molybdenum | 98-1 | 91300 | 91534 | 92326 | 91720 | 0.59 | cps |
| Neodymium | 150-1 | 10 | 23 | 3 | 12 | 83.33 | cps |
| Neodymium | 150-2 | 10 | 3 | 10 | 8 | 49.52 | cps |
| Nickel | 60-2 | 4277 | 4217 | 4114 | 4203 | 1.97 | cps |
| Phosphorus | 31-2 | 787 | 707 | 800 | 764 | 6.60 | cps |
| Potassium | 39-2 | 620633 | 623641 | 621666 | 621980 | 0.25 | cps |
| Rhodium | 103-1 | 11775642 | 11915476 | 11889667 | 11860262 | 0.63 | cps |
| Rhodium | 103-2 | 7216679 | 7191695 | 7198889 | 7202421 | 0.18 | cps |
| Scandium | 45-1 | 6833367 | 6919244 | 6898910 | 6883840 | 0.65 | cps |
| Scandium | 45-2 | 616211 | 614834 | 608983 | 613343 | 0.63 | cps |
| Selenium | 82-1 | 2048 | 2037 | 1913 | 1999 | 3.75 | cps |
| Selenium | 77-2 | 227 | 247 | 197 | 223 | 11.27 | cps |
| Selenium | 78-2 | 1027 | 1307 | 1127 | 1153 | 12.30 | cps |
| Silicon | 28-1 | 691283 | 698085 | 702870 | 697412 | 0.83 | cps |
| Silver | 107-1 | 29189 | 29781 | 29350 | 29440 | 1.04 | cps |
| Silver | 109-1 | 27763 | 28268 | 28164 | 28065 | 0.95 | cps |
| Sodium | 23-2 | 665755 | 661205 | 662916 | 663292 | 0.35 | cps |
| Strontium | 86-1 | 7779 | 7765 | 7585 | 7710 | 1.40 | cps |
| Strontium | 88-1 | 64471 | 63412 | 64149 | 64011 | 0.85 | cps |
| Sulfur | 34-1 | 187016 | 189624 | 190036 | 188892 | 0.87 | cps |
| Terbium | 159-1 | 15869344 | 16186243 | 16150041 | 16068543 | 1.08 | cps |
| Terbium | 159-2 | 11402202 | 11354508 | 11306195 | 11354301 | 0.42 | cps |
| Thallium | 203-1 | 22161 | 22519 | 22412 | 22364 | 0.82 | cps |
| Thallium | 205-1 | 52999 | 53832 | 52973 | 53268 | 0.92 | cps |
| Tin | 118-1 | 97648 | 98067 | 98155 | 97957 | 0.28 | cps |
| Titanium | 47-1 | 3504 | 3594 | 3454 | 3517 | 2.02 | cps |

Reviewed By:Mohan
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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 | 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19958 | 19868 | 20192 | 20006 | 0.84 | cps |
| Lead | 207-1 | 17017 | 17168 | 17518 | 17234 | 1.49 | cps |
| Lead | 208-1 | 78663 | 78726 | 79788 | 79059 | 0.80 | cps |
| Lithium | 6-1 | 2067256 | 2013075 | 2024132 | 2034821 | 1.41 | cps |
| Magnesium | 24-2 | 454523 | 453673 | 452288 | 453495 | 0.25 | cps |
| Manganese | 55-2 | 9413 | 9286 | 9136 | 9278 | 1.49 | cps |
| Molybdenum | 94-1 | 52045 | 52651 | 52614 | 52437 | 0.65 | cps |
| Molybdenum | 95-1 | 62650 | 63657 | 63534 | 63280 | 0.87 | cps |
| Molybdenum | 96-1 | 69866 | 70740 | 70552 | 70386 | 0.65 | cps |
| Molybdenum | 97-1 | 39189 | 39904 | 40045 | 39713 | 1.16 | cps |
| Molybdenum | 98-1 | 100516 | 102295 | 102732 | 101847 | 1.15 | cps |
| Neodymium | 150-1 | 0 | 17 | 3 | 7 | 132.33 | cps |
| Neodymium | 150-2 | 10 | 0 | 23 | 11 | 105.35 | cps |
| Nickel | 60-2 | 4908 | 4804 | 4894 | 4869 | 1.15 | cps |
| Phosphorus | 31-2 | 910 | 877 | 907 | 898 | 2.05 | cps |
| Potassium | 39-2 | 700326 | 695599 | 695769 | 697231 | 0.38 | cps |
| Rhodium | 103-1 | 12291851 | 11955759 | 12040941 | 12096184 | 1.44 | cps |
| Rhodium | 103-2 | 7399902 | 7331950 | 7350495 | 7360783 | 0.48 | cps |
| Scandium | 45-1 | 7104355 | 6953312 | 7036471 | 7031380 | 1.08 | cps |
| Scandium | 45-2 | 632209 | 625880 | 633044 | 630378 | 0.62 | cps |
| Selenium | 82-1 | 2177 | 2245 | 2139 | 2187 | 2.46 | cps |
| Selenium | 77-2 | 230 | 177 | 203 | 203 | 13.11 | cps |
| Selenium | 78-2 | 1147 | 1197 | 1283 | 1209 | 5.72 | cps |
| Silicon | 28-1 | 731495 | 732658 | 736027 | 733394 | 0.32 | cps |
| Silver | 107-1 | 32012 | 32880 | 33686 | 32859 | 2.55 | cps |
| Silver | 109-1 | 31257 | 31788 | 31611 | 31552 | 0.86 | cps |
| Sodium | 23-2 | 742543 | 738906 | 742044 | 741165 | 0.27 | cps |
| Strontium | 86-1 | 8469 | 8553 | 8342 | 8455 | 1.25 | cps |
| Strontium | 88-1 | 70779 | 70960 | 70243 | 70661 | 0.53 | cps |
| Sulfur | 34-1 | 190688 | 193177 | 193559 | 192475 | 0.81 | cps |
| Terbium | 159-1 | 16442794 | 16084303 | 16210747 | 16245948 | 1.12 | cps |
| Terbium | 159-2 | 11398333 | 11480858 | 11361794 | 11413662 | 0.53 | cps |
| Thallium | 203-1 | 24509 | 24358 | 24265 | 24377 | 0.50 | cps |
| Thallium | 205-1 | 57009 | 57876 | 57762 | 57549 | 0.82 | cps |
| Tin | 118-1 | 107924 | 108622 | 108824 | 108457 | 0.44 | cps |
| Titanium | 47-1 | 3647 | 3757 | 3931 | 3778 | 3.78 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 68650 | 67962 | 69387 | 68666 | 1.04 | cps |
| Vanadium | 51-2 | 47388 | 46979 | 47317 | 47228 | 0.46 | cps |
| Yttrium | 89-1 | 19947942 | 19585548 | 19443395 | 19658962 | 1.32 | cps |
| Yttrium | 89-2 | 5593787 | 5533469 | 5537724 | 5554993 | 0.61 | cps |
| Zinc | 66-2 | 11034 | 11088 | 10971 | 11031 | 0.53 | cps |
| Zirconium | 90-1 | 43023 | 43812 | 43427 | 43421 | 0.91 | cps |
| Zirconium | 91-1 | 9220 | 9533 | 9647 | 9466 | 2.34 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8592154 | 8562263 | 8606889 | 8587102 | 0.26 | cps |
| Antimony | 121-1 | 2410 | 2524 | 2347 | 2427 | 3.69 | cps |
| Arsenic | 75-2 | 5544 | 5865 | 5514 | 5641 | 3.44 | cps |
| Barium | 135-1 | 326443 | 330487 | 333674 | 330201 | 1.10 | cps |
| Barium | 137-1 | 565427 | 576702 | 575571 | 572567 | 1.08 | cps |
| Beryllium | 9-1 | 1667 | 1680 | 1703 | 1683 | 1.10 | cps |
| Bismuth | 209-1 | 10086952 | 10064829 | 9737165 | 9962982 | 1.97 | cps |
| Bismuth | 209-2 | 8693505 | 8503304 | 8565928 | 8587579 | 1.13 | cps |
| Bromine | 81-1 | 20070 | 20377 | 20958 | 20469 | 2.20 | cps |
| Bromine | 81-2 | 1293 | 1240 | 1217 | 1250 | 3.14 | cps |
| Cadmium | 108-1 | 203 | 163 | 160 | 176 | 13.74 | cps |
| Cadmium | 106-1 | 5424 | 5544 | 5448 | 5472 | 1.16 | cps |
| Cadmium | 111-1 | 2000 | 2118 | 2097 | 2072 | 3.03 | cps |
| Calcium | 43-1 | 446072 | 452587 | 453757 | 450806 | 0.92 | cps |
| Calcium | 44-1 | 7044017 | 7088566 | 7098521 | 7077035 | 0.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 170336 | 168486 | 168698 | 169173 | 0.60 | cps |
| Cobalt | 59-2 | 278170 | 275088 | 275685 | 276315 | 0.59 | cps |
| Copper | 63-2 | 576904 | 568749 | 575352 | 573668 | 0.75 | cps |
| Dysprosium | 156-1 | 48718 | 49383 | 49249 | 49117 | 0.72 | cps |
| Dysprosium | 156-2 | 42116 | 41972 | 42293 | 42127 | 0.38 | cps |
| Erbium | 164-1 | 49882 | 50484 | 50009 | 50125 | 0.63 | cps |
| Erbium | 164-2 | 36087 | 36909 | 37159 | 36718 | 1.53 | cps |
| Gadolinium | 160-1 | 47437 | 48935 | 49229 | 48534 | 1.98 | cps |
| Gadolinium | 160-2 | 37804 | 37774 | 37787 | 37789 | 0.04 | cps |
| Holmium | 165-1 | 16691810 | 16597754 | 16603225 | 16630929 | 0.32 | cps |
| Holmium | 165-2 | 12196354 | 12249846 | 12177482 | 12207894 | 0.31 | cps |
| Indium | 115-1 | 13346182 | 13412576 | 13452316 | 13403691 | 0.40 | cps |
| Indium | 115-2 | 5256726 | 5143970 | 5148810 | 5183169 | 1.23 | cps |
| Iron | 56-2 | 262965843 | 258214323 | 261026469 | 260735545 | 0.92 | cps |
| Iron | 57-2 | 6511736 | 6427430 | 6392637 | 6443934 | 0.95 | cps |
| Iron | 54-2 | 14312344 | 14002547 | 14163987 | 14159626 | 1.09 | cps |
| Krypton | 83-1 | 253 | 280 | 297 | 277 | 7.90 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 935821 | 953877 | 955634 | 948444 | 1.16 | cps |
| Lead | 207-1 | 783150 | 795763 | 795298 | 791403 | 0.90 | cps |
| Lead | 208-1 | 3773355 | 3812385 | 3809976 | 3798572 | 0.58 | cps |
| Lithium | 6-1 | 2101990 | 2138407 | 2081280 | 2107226 | 1.37 | cps |
| Magnesium | 24-2 | 6757456 | 6641939 | 6749908 | 6716434 | 0.96 | cps |
| Manganese | 55-2 | 3844874 | 3790766 | 3800253 | 3811964 | 0.76 | cps |
| Molybdenum | 94-1 | 47498 | 48240 | 47671 | 47803 | 0.81 | cps |
| Molybdenum | 95-1 | 6957 | 5798 | 5461 | 6072 | 12.92 | cps |
| Molybdenum | 96-1 | 17666 | 16252 | 16179 | 16699 | 5.02 | cps |
| Molybdenum | 97-1 | 4024 | 3674 | 3694 | 3797 | 5.18 | cps |
| Molybdenum | 98-1 | 9829 | 8973 | 8709 | 9170 | 6.38 | cps |
| Neodymium | 150-1 | 71064 | 72354 | 71963 | 71794 | 0.92 | cps |
| Neodymium | 150-2 | 45383 | 45426 | 45088 | 45299 | 0.41 | cps |
| Nickel | 60-2 | 87004 | 86427 | 84459 | 85963 | 1.55 | cps |
| Phosphorus | 31-2 | 11608 | 12005 | 11511 | 11708 | 2.23 | cps |
| Potassium | 39-2 | 671834 | 666586 | 665313 | 667911 | 0.52 | cps |
| Rhodium | 103-1 | 12533604 | 12591239 | 12578677 | 12567840 | 0.24 | cps |
| Rhodium | 103-2 | 7703746 | 7595897 | 7632970 | 7644204 | 0.72 | cps |
| Scandium | 45-1 | 7599035 | 7710138 | 7697512 | 7668895 | 0.79 | cps |
| Scandium | 45-2 | 690733 | 685534 | 684826 | 687031 | 0.47 | cps |
| Selenium | 82-1 | 275 | 202 | 257 | 244 | 15.64 | cps |
| Selenium | 77-2 | 120 | 140 | 113 | 124 | 11.15 | cps |
| Selenium | 78-2 | 520 | 637 | 660 | 606 | 12.39 | cps |
| Silicon | 28-1 | 12918321 | 13266860 | 13256101 | 13147094 | 1.51 | cps |
| Silver | 107-1 | 2887 | 2117 | 1837 | 2280 | 23.85 | cps |
| Silver | 109-1 | 2637 | 1723 | 1530 | 1963 | 30.11 | cps |
| Sodium | 23-2 | 217498 | 215851 | 217210 | 216853 | 0.41 | cps |
| Strontium | 86-1 | 301936 | 303788 | 308288 | 304671 | 1.07 | cps |
| Strontium | 88-1 | 2698510 | 2756887 | 2777890 | 2744429 | 1.50 | cps |
| Sulfur | 34-1 | 187269 | 183557 | 180127 | 183651 | 1.94 | cps |
| Terbium | 159-1 | 17139288 | 17303606 | 16926451 | 17123115 | 1.10 | cps |
| Terbium | 159-2 | 12028077 | 11890986 | 11984514 | 11967859 | 0.59 | cps |
| Thallium | 203-1 | 2944 | 2557 | 2687 | 2729 | 7.21 | cps |
| Thallium | 205-1 | 7245 | 6328 | 6025 | 6533 | 9.73 | cps |
| Tin | 118-1 | 21269 | 21249 | 20855 | 21124 | 1.10 | cps |
| Titanium | 47-1 | 411972 | 407882 | 411804 | 410553 | 0.56 | cps |

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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 |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 38238 | 38649 | 37947 | 38278 | 0.92 | cps |
| Vanadium | 51-2 | 584500 | 578251 | 582313 | 581688 | 0.55 | cps |
| Yttrium | 89-1 | 21141965 | 21668667 | 21563030 | 21457887 | 1.30 | cps |
| Yttrium | 89-2 | 6105083 | 5962033 | 6019383 | 6028833 | 1.19 | cps |
| Zinc | 66-2 | 126574 | 126449 | 126197 | 126407 | 0.15 | cps |
| Zirconium | 90-1 | 117781 | 121519 | 121182 | 120161 | 1.72 | cps |
| Zirconium | 91-1 | 26448 | 26327 | 26397 | 26391 | 0.23 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:31:20 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8317629 | 8496515 | 8409537 | 8407894 | 1.06 | cps |
| Antimony | 121-1 | 2584 | 2457 | 2560 | 2534 | 2.66 | cps |
| Arsenic | 75-2 | 5905 | 5631 | 5848 | 5795 | 2.49 | cps |
| Barium | 135-1 | 327164 | 332588 | 330827 | 330193 | 0.84 | cps |
| Barium | 137-1 | 583514 | 573503 | 575858 | 577625 | 0.91 | cps |
| Beryllium | 9-1 | 1697 | 1713 | 1710 | 1707 | 0.52 | cps |
| Bismuth | 209-1 | 10016295 | 10004432 | 9904243 | 9974990 | 0.62 | cps |
| Bismuth | 209-2 | 8534356 | 8529382 | 8486239 | 8516659 | 0.31 | cps |
| Bromine | 81-1 | 19720 | 20080 | 20821 | 20207 | 2.78 | cps |
| Bromine | 81-2 | 1257 | 1330 | 1193 | 1260 | 5.43 | cps |
| Cadmium | 108-1 | 167 | 200 | 180 | 182 | 9.21 | cps |
| Cadmium | 106-1 | 5351 | 5191 | 5474 | 5339 | 2.66 | cps |
| Cadmium | 111-1 | 2079 | 2030 | 2016 | 2041 | 1.61 | cps |
| Calcium | 43-1 | 447242 | 445048 | 444244 | 445511 | 0.35 | cps |
| Calcium | 44-1 | 6961226 | 7033886 | 7001088 | 6998733 | 0.52 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 166433 | 165402 | 165123 | 165653 | 0.42 | cps |
| Cobalt | 59-2 | 271264 | 271334 | 271399 | 271332 | 0.03 | cps |
| Copper | 63-2 | 563735 | 568546 | 568378 | 566886 | 0.48 | cps |
| Dysprosium | 156-1 | 49002 | 49350 | 49885 | 49412 | 0.90 | cps |
| Dysprosium | 156-2 | 41545 | 42190 | 42086 | 41940 | 0.83 | cps |
| Erbium | 164-1 | 49196 | 49698 | 50143 | 49679 | 0.95 | cps |
| Erbium | 164-2 | 36655 | 36103 | 35635 | 36131 | 1.41 | cps |
| Gadolinium | 160-1 | 49059 | 48647 | 48306 | 48671 | 0.77 | cps |
| Gadolinium | 160-2 | 36304 | 37216 | 37269 | 36930 | 1.47 | cps |
| Holmium | 165-1 | 16910997 | 16794731 | 16722959 | 16809563 | 0.56 | cps |
| Holmium | 165-2 | 12101192 | 12161050 | 12164233 | 12142158 | 0.29 | cps |
| Indium | 115-1 | 13516626 | 13606365 | 13570043 | 13564345 | 0.33 | cps |
| Indium | 115-2 | 5148163 | 5178939 | 5165618 | 5164240 | 0.30 | cps |
| Iron | 56-2 | 256071270 | 257608589 | 254780116 | 256153325 | 0.55 | cps |
| Iron | 57-2 | 6382731 | 6323665 | 6344979 | 6350458 | 0.47 | cps |
| Iron | 54-2 | 13988962 | 14031178 | 13940098 | 13986746 | 0.33 | cps |
| Krypton | 83-1 | 247 | 310 | 280 | 279 | 11.36 | cps |

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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:34:33 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:34:33 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 181027 | 181562 | 181656 | 181415 | 0.19 | cps |
| Lead | 207-1 | 153227 | 153517 | 150558 | 152434 | 1.07 | cps |
| Lead | 208-1 | 703350 | 709324 | 699979 | 704218 | 0.67 | cps |
| Lithium | 6-1 | 2017221 | 2046331 | 2020435 | 2027996 | 0.79 | cps |
| Magnesium | 24-2 | 1227576 | 1229217 | 1224019 | 1226937 | 0.22 | cps |
| Manganese | 55-2 | 693841 | 691624 | 692015 | 692493 | 0.17 | cps |
| Molybdenum | 94-1 | 8973 | 8606 | 8249 | 8609 | 4.20 | cps |
| Molybdenum | 95-1 | 1187 | 1137 | 1210 | 1178 | 3.18 | cps |
| Molybdenum | 96-1 | 3277 | 3254 | 3267 | 3266 | 0.36 | cps |
| Molybdenum | 97-1 | 800 | 723 | 743 | 756 | 5.26 | cps |
| Molybdenum | 98-1 | 1827 | 2117 | 1993 | 1979 | 7.36 | cps |
| Neodymium | 150-1 | 13617 | 13950 | 13960 | 13842 | 1.41 | cps |
| Neodymium | 150-2 | 8346 | 8576 | 8676 | 8533 | 1.98 | cps |
| Nickel | 60-2 | 16309 | 16659 | 16049 | 16339 | 1.88 | cps |
| Phosphorus | 31-2 | 6065 | 5975 | 6015 | 6018 | 0.75 | cps |
| Potassium | 39-2 | 420357 | 417016 | 417067 | 418146 | 0.46 | cps |
| Rhodium | 103-1 | 12450511 | 12227987 | 12303764 | 12327421 | 0.92 | cps |
| Rhodium | 103-2 | 7391778 | 7452554 | 7466310 | 7436881 | 0.53 | cps |
| Scandium | 45-1 | 7294035 | 7144281 | 7190121 | 7209479 | 1.06 | cps |
| Scandium | 45-2 | 638006 | 634604 | 637644 | 636751 | 0.29 | cps |
| Selenium | 82-1 | 182 | 211 | 141 | 178 | 19.94 | cps |
| Selenium | 77-2 | 43 | 23 | 23 | 30 | 38.49 | cps |
| Selenium | 78-2 | 550 | 490 | 463 | 501 | 8.86 | cps |
| Silicon | 28-1 | 3300550 | 3074679 | 3035856 | 3137028 | 4.56 | cps |
| Silver | 107-1 | 377 | 363 | 330 | 357 | 6.74 | cps |
| Silver | 109-1 | 273 | 283 | 307 | 288 | 5.94 | cps |
| Sodium | 23-2 | 73675 | 72921 | 74124 | 73573 | 0.83 | cps |
| Strontium | 86-1 | 57950 | 57251 | 58342 | 57848 | 0.96 | cps |
| Strontium | 88-1 | 499388 | 497044 | 497585 | 498005 | 0.25 | cps |
| Sulfur | 34-1 | 156350 | 154734 | 153115 | 154733 | 1.05 | cps |
| Terbium | 159-1 | 16974351 | 16658729 | 16681449 | 16771510 | 1.05 | cps |
| Terbium | 159-2 | 11649119 | 11760749 | 11911490 | 11773786 | 1.12 | cps |
| Thallium | 203-1 | 793 | 640 | 717 | 717 | 10.70 | cps |
| Thallium | 205-1 | 1890 | 1753 | 1680 | 1775 | 6.01 | cps |
| Tin | 118-1 | 5208 | 5111 | 5244 | 5188 | 1.33 | cps |
| Titanium | 47-1 | 75354 | 75297 | 77319 | 75990 | 1.52 | cps |

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

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|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:34:33 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7229 | 7322 | 7272 | 7274 | 0.64 | cps |
| Vanadium | 51-2 | 107996 | 107250 | 107630 | 107625 | 0.35 | cps |
| Yttrium | 89-1 | 20597071 | 20090470 | 20039298 | 20242280 | 1.52 | cps |
| Yttrium | 89-2 | 5624826 | 5659500 | 5570654 | 5618327 | 0.80 | cps |
| Zinc | 66-2 | 24657 | 23692 | 24457 | 24269 | 2.10 | cps |
| Zirconium | 90-1 | 21396 | 21676 | 21409 | 21494 | 0.74 | cps |
| Zirconium | 91-1 | 4314 | 4744 | 4677 | 4579 | 5.06 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:37:49 | DataFile Name : | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8340603 | 8287302 | 8330716 | 8319540 | 0.34 | cps |
| Antimony | 121-1 | 2540 | 2377 | 2484 | 2467 | 3.36 | cps |
| Arsenic | 75-2 | 153568 | 152346 | 151648 | 152521 | 0.64 | cps |
| Barium | 135-1 | 1719543 | 1762590 | 1691210 | 1724447 | 2.08 | cps |
| Barium | 137-1 | 2982418 | 2973040 | 2929464 | 2961641 | 0.95 | cps |
| Beryllium | 9-1 | 17073 | 17904 | 17150 | 17375 | 2.64 | cps |
| Bismuth | 209-1 | 10184123 | 10358715 | 10104392 | 10215744 | 1.27 | cps |
| Bismuth | 209-2 | 8557520 | 8498081 | 8430296 | 8495299 | 0.75 | cps |
| Bromine | 81-1 | 19540 | 19763 | 19777 | 19693 | 0.68 | cps |
| Bromine | 81-2 | 1273 | 1217 | 1217 | 1236 | 2.65 | cps |
| Cadmium | 108-1 | 22377 | 23042 | 22828 | 22749 | 1.49 | cps |
| Cadmium | 106-1 | 36242 | 36402 | 36613 | 36419 | 0.51 | cps |
| Cadmium | 111-1 | 332039 | 331148 | 332321 | 331836 | 0.18 | cps |
| Calcium | 43-1 | 441268 | 445614 | 439644 | 442175 | 0.70 | cps |
| Calcium | 44-1 | 6918352 | 6928023 | 6864671 | 6903682 | 0.49 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 374273 | 375807 | 376201 | 375427 | 0.27 | cps |
| Cobalt | 59-2 | 1100660 | 1093070 | 1088697 | 1094142 | 0.55 | cps |
| Copper | 63-2 | 847238 | 848115 | 843200 | 846184 | 0.31 | cps |
| Dysprosium | 156-1 | 48828 | 48808 | 49457 | 49031 | 0.75 | cps |
| Dysprosium | 156-2 | 41531 | 41173 | 41468 | 41391 | 0.46 | cps |
| Erbium | 164-1 | 50394 | 50300 | 49437 | 50044 | 1.05 | cps |
| Erbium | 164-2 | 36511 | 36304 | 36554 | 36456 | 0.37 | cps |
| Gadolinium | 160-1 | 47965 | 48333 | 48049 | 48116 | 0.40 | cps |
| Gadolinium | 160-2 | 37152 | 36905 | 36601 | 36886 | 0.75 | cps |
| Holmium | 165-1 | 16927372 | 17105420 | 16759313 | 16930702 | 1.02 | cps |
| Holmium | 165-2 | 12149765 | 12012626 | 12033938 | 12065443 | 0.61 | cps |
| Indium | 115-1 | 13557924 | 13410359 | 13490986 | 13486423 | 0.55 | cps |
| Indium | 115-2 | 5153893 | 5124172 | 5126263 | 5134776 | 0.32 | cps |
| Iron | 56-2 | 255366096 | 254132203 | 252783636 | 254093978 | 0.51 | cps |
| Iron | 57-2 | 6216925 | 6221632 | 6217553 | 6218704 | 0.04 | cps |
| Iron | 54-2 | 13887628 | 13710564 | 13714413 | 13770868 | 0.73 | cps |
| Krypton | 83-1 | 243 | 297 | 337 | 292 | 16.02 | cps |

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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 | 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 |

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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 | 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 |

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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 |

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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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:40:56 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 181135 | 183575 | 180159 | 181623 | 0.97 | cps |
| Vanadium | 51-2 | 209317 | 209604 | 210398 | 209773 | 0.27 | cps |
| Yttrium | 89-1 | 21009773 | 21256766 | 21272903 | 21179814 | 0.70 | cps |
| Yttrium | 89-2 | 5883196 | 5951045 | 6001174 | 5945138 | 1.00 | cps |
| Zinc | 66-2 | 11849616 | 11821625 | 11867594 | 11846279 | 0.20 | cps |
| Zirconium | 90-1 | 390642 | 400378 | 403805 | 398275 | 1.71 | cps |
| Zirconium | 91-1 | 92834 | 94981 | 96035 | 94617 | 1.72 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:43:52 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4676026 | 4614364 | 4662177 | 4650856 | 0.70 | cps |
| Antimony | 121-1 | 29954846 | 29607740 | 29795549 | 29786045 | 0.58 | cps |
| Arsenic | 75-2 | 4082474 | 4101102 | 4140653 | 4108076 | 0.72 | cps |
| Barium | 135-1 | 683472 | 691958 | 687250 | 687560 | 0.62 | cps |
| Barium | 137-1 | 1195322 | 1192986 | 1193583 | 1193964 | 0.10 | cps |
| Beryllium | 9-1 | 2187 | 2127 | 2094 | 2136 | 2.21 | cps |
| Bismuth | 209-1 | 10311909 | 9923890 | 10084205 | 10106668 | 1.93 | cps |
| Bismuth | 209-2 | 8662870 | 8599414 | 8711299 | 8657861 | 0.65 | cps |
| Bromine | 81-1 | 43303 | 43935 | 44156 | 43798 | 1.01 | cps |
| Bromine | 81-2 | 6415 | 6231 | 6128 | 6258 | 2.32 | cps |
| Cadmium | 108-1 | 3657 | 3590 | 3737 | 3662 | 2.01 | cps |
| Cadmium | 106-1 | 10094 | 10070 | 9837 | 10000 | 1.42 | cps |
| Cadmium | 111-1 | 29540 | 29731 | 29534 | 29602 | 0.38 | cps |
| Calcium | 43-1 | 1648571 | 1635977 | 1647570 | 1644039 | 0.43 | cps |
| Calcium | 44-1 | 26129915 | 26343207 | 26336385 | 26269836 | 0.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 659976 | 656132 | 655899 | 657336 | 0.35 | cps |
| Cobalt | 59-2 | 1590217 | 1612750 | 1609076 | 1604014 | 0.75 | cps |
| Copper | 63-2 | 13348683 | 13477376 | 13405973 | 13410677 | 0.48 | cps |
| Dysprosium | 156-1 | 28987 | 29291 | 29982 | 29420 | 1.73 | cps |
| Dysprosium | 156-2 | 25206 | 25256 | 25159 | 25207 | 0.19 | cps |
| Erbium | 164-1 | 28125 | 28673 | 28422 | 28407 | 0.97 | cps |
| Erbium | 164-2 | 21119 | 20906 | 20649 | 20891 | 1.13 | cps |
| Gadolinium | 160-1 | 29194 | 28295 | 28816 | 28768 | 1.57 | cps |
| Gadolinium | 160-2 | 22258 | 21894 | 22642 | 22264 | 1.68 | cps |
| Holmium | 165-1 | 16763239 | 16503716 | 16714553 | 16660503 | 0.83 | cps |
| Holmium | 165-2 | 11998442 | 12222109 | 12283110 | 12167887 | 1.23 | cps |
| Indium | 115-1 | 15521213 | 15471903 | 15502264 | 15498460 | 0.16 | cps |
| Indium | 115-2 | 6021601 | 6055374 | 6045208 | 6040728 | 0.29 | cps |
| Iron | 56-2 | 851961321 | 853692974 | 846339587 | 850664627 | 0.45 | cps |
| Iron | 57-2 | 21281001 | 21143270 | 20911252 | 21111841 | 0.89 | cps |
| Iron | 54-2 | 46430914 | 46117069 | 45754984 | 46100989 | 0.73 | cps |
| Krypton | 83-1 | 320 | 257 | 247 | 274 | 14.49 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:43:52 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 33938107 | 33981598 | 33151553 | 33690419 | 1.39 | cps |
| Lead | 207-1 | 29311442 | 29106851 | 28956723 | 29125005 | 0.61 | cps |
| Lead | 208-1 | 134504036 | 134361005 | 133427620 | 134097554 | 0.44 | cps |
| Lithium | 6-1 | 1999886 | 1966083 | 1985893 | 1983954 | 0.86 | cps |
| Magnesium | 24-2 | 3309505 | 3234121 | 3332720 | 3292115 | 1.57 | cps |
| Manganese | 55-2 | 3113183 | 3104980 | 3071504 | 3096556 | 0.71 | cps |
| Molybdenum | 94-1 | 1720605 | 1739556 | 1743009 | 1734390 | 0.70 | cps |
| Molybdenum | 95-1 | 2780023 | 2845173 | 2837584 | 2820927 | 1.26 | cps |
| Molybdenum | 96-1 | 3039109 | 3088459 | 3088213 | 3071927 | 0.93 | cps |
| Molybdenum | 97-1 | 1773338 | 1765235 | 1759905 | 1766159 | 0.38 | cps |
| Molybdenum | 98-1 | 4515652 | 4496227 | 4453975 | 4488618 | 0.70 | cps |
| Neodymium | 150-1 | 45774 | 45647 | 45416 | 45612 | 0.40 | cps |
| Neodymium | 150-2 | 28302 | 28485 | 28362 | 28383 | 0.33 | cps |
| Nickel | 60-2 | 159201 | 160801 | 159807 | 159937 | 0.51 | cps |
| Phosphorus | 31-2 | 15415 | 15558 | 15518 | 15497 | 0.48 | cps |
| Potassium | 39-2 | 2324845 | 2318272 | 2346669 | 2329929 | 0.64 | cps |
| Rhodium | 103-1 | 12625154 | 12340872 | 12520638 | 12495555 | 1.15 | cps |
| Rhodium | 103-2 | 7725484 | 7792349 | 7722168 | 7746667 | 0.51 | cps |
| Scandium | 45-1 | 7485256 | 7434077 | 7551962 | 7490432 | 0.79 | cps |
| Scandium | 45-2 | 688287 | 688727 | 694699 | 690571 | 0.52 | cps |
| Selenium | 82-1 | 857 | 800 | 871 | 843 | 4.51 | cps |
| Selenium | 77-2 | 170 | 153 | 190 | 171 | 10.73 | cps |
| Selenium | 78-2 | 870 | 803 | 763 | 812 | 6.64 | cps |
| Silicon | 28-1 | 51862613 | 54280258 | 51434616 | 52525829 | 2.92 | cps |
| Silver | 107-1 | 88266 | 88111 | 89081 | 88486 | 0.59 | cps |
| Silver | 109-1 | 84028 | 84005 | 83941 | 83991 | 0.05 | cps |
| Sodium | 23-2 | 9312945 | 9214850 | 9341944 | 9289913 | 0.72 | cps |
| Strontium | 86-1 | 971761 | 978933 | 985042 | 978579 | 0.68 | cps |
| Strontium | 88-1 | 8842908 | 8747693 | 8704715 | 8765105 | 0.81 | cps |
| Sulfur | 34-1 | 379783 | 383540 | 380784 | 381369 | 0.51 | cps |
| Terbium | 159-1 | 17095839 | 16789529 | 16923579 | 16936315 | 0.91 | cps |
| Terbium | 159-2 | 11841771 | 12073930 | 12195586 | 12037096 | 1.49 | cps |
| Thallium | 203-1 | 48402 | 48372 | 48332 | 48369 | 0.07 | cps |
| Thallium | 205-1 | 113270 | 114947 | 114392 | 114203 | 0.75 | cps |
| Tin | 118-1 | 5334495 | 5384071 | 5451377 | 5389981 | 1.09 | cps |
| Titanium | 47-1 | 1166788 | 1173348 | 1172210 | 1170782 | 0.30 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:43:52 | DataFile Name : | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 177056 | 178868 | 178703 | 178209 | 0.56 | cps |
| Vanadium | 51-2 | 212558 | 212845 | 214011 | 213138 | 0.36 | cps |
| Yttrium | 89-1 | 21433805 | 21012560 | 21213141 | 21219835 | 0.99 | cps |
| Yttrium | 89-2 | 6004059 | 6039760 | 6010824 | 6018215 | 0.32 | cps |
| Zinc | 66-2 | 12036004 | 12026439 | 11961872 | 12008105 | 0.34 | cps |
| Zirconium | 90-1 | 405489 | 406023 | 409701 | 407071 | 0.56 | cps |
| Zirconium | 91-1 | 94267 | 96229 | 94911 | 95136 | 1.05 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:46:48 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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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 | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6588119 | 6651203 | 6605833 | 6615052 | 0.49 | cps |
| Lead | 207-1 | 5708505 | 5759275 | 5755287 | 5741023 | 0.49 | cps |
| Lead | 208-1 | 26003150 | 26471595 | 26168248 | 26214331 | 0.91 | cps |
| Lithium | 6-1 | 2099998 | 1960855 | 1995407 | 2018753 | 3.59 | cps |
| Magnesium | 24-2 | 610188 | 614339 | 612730 | 612419 | 0.34 | cps |
| Manganese | 55-2 | 599207 | 599176 | 601384 | 599922 | 0.21 | cps |
| Molybdenum | 94-1 | 327302 | 333415 | 331986 | 330901 | 0.97 | cps |
| Molybdenum | 95-1 | 521050 | 537713 | 535970 | 531577 | 1.72 | cps |
| Molybdenum | 96-1 | 566640 | 581755 | 580532 | 576309 | 1.46 | cps |
| Molybdenum | 97-1 | 329310 | 335551 | 333585 | 332816 | 0.96 | cps |
| Molybdenum | 98-1 | 843548 | 864271 | 862798 | 856872 | 1.35 | cps |
| Neodymium | 150-1 | 8626 | 8843 | 8803 | 8757 | 1.32 | cps |
| Neodymium | 150-2 | 5645 | 5454 | 5364 | 5488 | 2.61 | cps |
| Nickel | 60-2 | 32144 | 32412 | 32024 | 32193 | 0.62 | cps |
| Phosphorus | 31-2 | 3344 | 3180 | 3100 | 3208 | 3.87 | cps |
| Potassium | 39-2 | 516856 | 523834 | 514645 | 518445 | 0.93 | cps |
| Rhodium | 103-1 | 13167224 | 12488250 | 12517568 | 12724348 | 3.02 | cps |
| Rhodium | 103-2 | 7597915 | 7543806 | 7652059 | 7597926 | 0.71 | cps |
| Scandium | 45-1 | 7744823 | 7504203 | 7404115 | 7551047 | 2.32 | cps |
| Scandium | 45-2 | 666909 | 668485 | 664561 | 666652 | 0.30 | cps |
| Selenium | 82-1 | 398 | 265 | 274 | 313 | 23.77 | cps |
| Selenium | 77-2 | 33 | 37 | 20 | 30 | 29.40 | cps |
| Selenium | 78-2 | 560 | 530 | 470 | 520 | 8.81 | cps |
| Silicon | 28-1 | 10405906 | 10741552 | 11044949 | 10730802 | 2.98 | cps |
| Silver | 107-1 | 17083 | 17214 | 17614 | 17304 | 1.60 | cps |
| Silver | 109-1 | 16429 | 16943 | 16897 | 16756 | 1.70 | cps |
| Sodium | 23-2 | 1828106 | 1873112 | 1857568 | 1852929 | 1.23 | cps |
| Strontium | 86-1 | 187582 | 194131 | 192673 | 191462 | 1.80 | cps |
| Strontium | 88-1 | 1692027 | 1721745 | 1711938 | 1708570 | 0.89 | cps |
| Sulfur | 34-1 | 218073 | 222209 | 221245 | 220509 | 0.98 | cps |
| Terbium | 159-1 | 17579703 | 16988829 | 16857295 | 17141942 | 2.24 | cps |
| Terbium | 159-2 | 11821117 | 11894422 | 11727062 | 11814200 | 0.71 | cps |
| Thallium | 203-1 | 9684 | 9914 | 9747 | 9781 | 1.22 | cps |
| Thallium | 205-1 | 22966 | 23133 | 23307 | 23135 | 0.74 | cps |
| Tin | 118-1 | 1004391 | 1035982 | 1027906 | 1022760 | 1.60 | cps |
| Titanium | 47-1 | 225758 | 235990 | 230881 | 230876 | 2.22 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:46:48 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 34568 | 34669 | 34956 | 34731 | 0.58 | cps |
| Vanadium | 51-2 | 42052 | 42473 | 41611 | 42045 | 1.03 | cps |
| Yttrium | 89-1 | 21765844 | 21025586 | 20800520 | 21197317 | 2.38 | cps |
| Yttrium | 89-2 | 5811207 | 5818379 | 5822683 | 5817423 | 0.10 | cps |
| Zinc | 66-2 | 2386092 | 2464920 | 2410108 | 2420373 | 1.67 | cps |
| Zirconium | 90-1 | 78031 | 79701 | 79078 | 78937 | 1.07 | cps |
| Zirconium | 91-1 | 18342 | 18599 | 18635 | 18525 | 0.86 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4612893 | 4577908 | 4585998 | 4592266 | 0.40 | cps |
| Antimony | 121-1 | 27506560 | 28918263 | 28867878 | 28430900 | 2.82 | cps |
| Arsenic | 75-2 | 4150748 | 4100586 | 4152561 | 4134632 | 0.71 | cps |
| Barium | 135-1 | 1997892 | 2108152 | 2096764 | 2067603 | 2.93 | cps |
| Barium | 137-1 | 3420362 | 3565514 | 3550497 | 3512124 | 2.27 | cps |
| Beryllium | 9-1 | 17003 | 18007 | 17770 | 17593 | 2.98 | cps |
| Bismuth | 209-1 | 10811896 | 10184560 | 10232240 | 10409566 | 3.36 | cps |
| Bismuth | 209-2 | 8719167 | 8528570 | 8730280 | 8659339 | 1.31 | cps |
| Bromine | 81-1 | 39102 | 40953 | 42287 | 40781 | 3.92 | cps |
| Bromine | 81-2 | 5858 | 5808 | 5918 | 5861 | 0.94 | cps |
| Cadmium | 108-1 | 25219 | 25810 | 26157 | 25728 | 1.84 | cps |
| Cadmium | 106-1 | 39577 | 40937 | 41279 | 40598 | 2.22 | cps |
| Cadmium | 111-1 | 344435 | 357803 | 361447 | 354562 | 2.53 | cps |
| Calcium | 43-1 | 1546907 | 1597188 | 1606851 | 1583649 | 2.03 | cps |
| Calcium | 44-1 | 24401825 | 25565270 | 25570794 | 25179296 | 2.67 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 856831 | 853064 | 850158 | 853351 | 0.39 | cps |
| Cobalt | 59-2 | 2422866 | 2428165 | 2441791 | 2430941 | 0.40 | cps |
| Copper | 63-2 | 13180838 | 13278360 | 13489416 | 13316205 | 1.18 | cps |
| Dysprosium | 156-1 | 26846 | 28172 | 28699 | 27906 | 3.42 | cps |
| Dysprosium | 156-2 | 24892 | 24926 | 24832 | 24883 | 0.19 | cps |
| Erbium | 164-1 | 26579 | 28145 | 27915 | 27546 | 3.07 | cps |
| Erbium | 164-2 | 20438 | 20298 | 20168 | 20302 | 0.67 | cps |
| Gadolinium | 160-1 | 26218 | 27944 | 27200 | 27121 | 3.19 | cps |
| Gadolinium | 160-2 | 21670 | 21764 | 21750 | 21728 | 0.23 | cps |
| Holmium | 165-1 | 17456198 | 16762076 | 16652198 | 16956824 | 2.57 | cps |
| Holmium | 165-2 | 12168485 | 11965026 | 12161107 | 12098206 | 0.95 | cps |
| Indium | 115-1 | 16449658 | 15655352 | 15545409 | 15883473 | 3.11 | cps |
| Indium | 115-2 | 5921925 | 5824921 | 5860690 | 5869179 | 0.84 | cps |
| Iron | 56-2 | 832063934 | 824897294 | 824479748 | 827146992 | 0.52 | cps |
| Iron | 57-2 | 20512552 | 20496038 | 20502079 | 20503556 | 0.04 | cps |
| Iron | 54-2 | 45342498 | 44841264 | 44868766 | 45017509 | 0.63 | cps |
| Krypton | 83-1 | 243 | 253 | 253 | 250 | 2.31 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 33331553 | 34105764 | 34645554 | 34027624 | 1.94 | cps |
| Lead | 207-1 | 29171788 | 29636713 | 29658835 | 29489112 | 0.93 | cps |
| Lead | 208-1 | 132426151 | 135771505 | 136617634 | 134938430 | 1.64 | cps |
| Lithium | 6-1 | 2103030 | 1999715 | 1967380 | 2023375 | 3.50 | cps |
| Magnesium | 24-2 | 3169238 | 3160337 | 3162536 | 3164037 | 0.15 | cps |
| Manganese | 55-2 | 3467359 | 3421485 | 3478084 | 3455643 | 0.87 | cps |
| Molybdenum | 94-1 | 1613450 | 1708329 | 1689811 | 1670530 | 3.01 | cps |
| Molybdenum | 95-1 | 2628645 | 2731754 | 2772614 | 2711004 | 2.74 | cps |
| Molybdenum | 96-1 | 2879420 | 2981601 | 2979927 | 2946982 | 1.99 | cps |
| Molybdenum | 97-1 | 1617392 | 1722872 | 1706656 | 1682307 | 3.38 | cps |
| Molybdenum | 98-1 | 4195041 | 4394780 | 4354188 | 4314670 | 2.45 | cps |
| Neodymium | 150-1 | 41574 | 43534 | 44834 | 43314 | 3.79 | cps |
| Neodymium | 150-2 | 26775 | 27363 | 27650 | 27263 | 1.64 | cps |
| Nickel | 60-2 | 372676 | 372390 | 370825 | 371964 | 0.27 | cps |
| Phosphorus | 31-2 | 15104 | 14517 | 14904 | 14842 | 2.01 | cps |
| Potassium | 39-2 | 2275729 | 2253675 | 2238437 | 2255947 | 0.83 | cps |
| Rhodium | 103-1 | 13207262 | 12673420 | 12542534 | 12807739 | 2.75 | cps |
| Rhodium | 103-2 | 7534630 | 7469766 | 7572334 | 7525577 | 0.69 | cps |
| Scandium | 45-1 | 7963035 | 7570839 | 7581854 | 7705243 | 2.90 | cps |
| Scandium | 45-2 | 679683 | 679467 | 684955 | 681368 | 0.46 | cps |
| Selenium | 82-1 | 45920 | 47268 | 47780 | 46989 | 2.04 | cps |
| Selenium | 77-2 | 5328 | 5241 | 5281 | 5283 | 0.82 | cps |
| Selenium | 78-2 | 18121 | 18578 | 18562 | 18420 | 1.41 | cps |
| Silicon | 28-1 | 51232833 | 49502356 | 51268211 | 50667800 | 1.99 | cps |
| Silver | 107-1 | 239306 | 251713 | 254399 | 248473 | 3.24 | cps |
| Silver | 109-1 | 231284 | 239511 | 241262 | 237352 | 2.24 | cps |
| Sodium | 23-2 | 9075864 | 8998037 | 9023971 | 9032624 | 0.44 | cps |
| Strontium | 86-1 | 906843 | 951397 | 949180 | 935807 | 2.68 | cps |
| Strontium | 88-1 | 8115040 | 8496638 | 8555082 | 8388920 | 2.85 | cps |
| Sulfur | 34-1 | 364360 | 378350 | 378217 | 373642 | 2.15 | cps |
| Terbium | 159-1 | 17859049 | 17121451 | 17166534 | 17382344 | 2.38 | cps |
| Terbium | 159-2 | 11956649 | 11856060 | 11886066 | 11899592 | 0.43 | cps |
| Thallium | 203-1 | 2280301 | 2376853 | 2351139 | 2336098 | 2.14 | cps |
| Thallium | 205-1 | 5389982 | 5562191 | 5679559 | 5543911 | 2.63 | cps |
| Tin | 118-1 | 4989034 | 5248033 | 5262313 | 5166460 | 2.98 | cps |
| Titanium | 47-1 | 1076356 | 1131882 | 1141666 | 1116635 | 3.15 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-08 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:49:56 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 166413 | 172615 | 172696 | 170575 | 2.11 | cps |
| Vanadium | 51-2 | 688861 | 686798 | 686184 | 687281 | 0.20 | cps |
| Yttrium | 89-1 | 22244160 | 21548473 | 21620299 | 21804311 | 1.75 | cps |
| Yttrium | 89-2 | 5970999 | 5805647 | 6003863 | 5926837 | 1.79 | cps |
| Zinc | 66-2 | 11722169 | 11638575 | 11799381 | 11720041 | 0.69 | cps |
| Zirconium | 90-1 | 369595 | 392708 | 393255 | 385186 | 3.51 | cps |
| Zirconium | 91-1 | 106340 | 93488 | 94039 | 97956 | 7.42 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6445045 | 6487370 | 6319991 | 6417469 | 1.36 | cps |
| Antimony | 121-1 | 14738 | 13486 | 12466 | 13563 | 8.39 | cps |
| Arsenic | 75-2 | 11374 | 11091 | 11084 | 11183 | 1.48 | cps |
| Barium | 135-1 | 812836 | 818414 | 817356 | 816202 | 0.36 | cps |
| Barium | 137-1 | 1417148 | 1434693 | 1417884 | 1423242 | 0.70 | cps |
| Beryllium | 9-1 | 2214 | 1967 | 2053 | 2078 | 6.02 | cps |
| Bismuth | 209-1 | 9730380 | 9756478 | 9891423 | 9792760 | 0.88 | cps |
| Bismuth | 209-2 | 8465614 | 8381367 | 8272499 | 8373160 | 1.16 | cps |
| Bromine | 81-1 | 17360 | 16960 | 16559 | 16960 | 2.36 | cps |
| Bromine | 81-2 | 530 | 600 | 643 | 591 | 9.67 | cps |
| Cadmium | 108-1 | 293 | 260 | 237 | 263 | 10.82 | cps |
| Cadmium | 106-1 | 5641 | 5611 | 5211 | 5488 | 4.38 | cps |
| Cadmium | 111-1 | 2728 | 2783 | 2706 | 2739 | 1.44 | cps |
| Calcium | 43-1 | 3040853 | 3023793 | 2943636 | 3002761 | 1.73 | cps |
| Calcium | 44-1 | 48500606 | 48449709 | 47410141 | 48120152 | 1.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 224864 | 221898 | 218199 | 221653 | 1.51 | cps |
| Cobalt | 59-2 | 223312 | 220945 | 219694 | 221317 | 0.83 | cps |
| Copper | 63-2 | 280218 | 278935 | 276248 | 278467 | 0.73 | cps |
| Dysprosium | 156-1 | 81340 | 81009 | 80519 | 80956 | 0.51 | cps |
| Dysprosium | 156-2 | 66460 | 67253 | 65907 | 66540 | 1.02 | cps |
| Erbium | 164-1 | 66380 | 67107 | 67485 | 66991 | 0.84 | cps |
| Erbium | 164-2 | 49829 | 48969 | 48551 | 49116 | 1.33 | cps |
| Gadolinium | 160-1 | 80536 | 81100 | 81119 | 80919 | 0.41 | cps |
| Gadolinium | 160-2 | 60430 | 59840 | 59686 | 59985 | 0.65 | cps |
| Holmium | 165-1 | 16715296 | 16677646 | 16350869 | 16581270 | 1.21 | cps |
| Holmium | 165-2 | 12125993 | 11889765 | 11773785 | 11929848 | 1.50 | cps |
| Indium | 115-1 | 13369123 | 13267671 | 13367036 | 13334610 | 0.43 | cps |
| Indium | 115-2 | 4925652 | 4890032 | 4863629 | 4893104 | 0.64 | cps |
| Iron | 56-2 | 251746563 | 249607870 | 247675296 | 249676576 | 0.82 | cps |
| Iron | 57-2 | 6222598 | 6296048 | 6136053 | 6218233 | 1.29 | cps |
| Iron | 54-2 | 13725229 | 13644676 | 13511501 | 13627136 | 0.79 | cps |
| Krypton | 83-1 | 270 | 257 | 263 | 263 | 2.53 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 360577 | 365344 | 364786 | 363569 | 0.72 | cps |
| Lead | 207-1 | 291502 | 293893 | 294186 | 293194 | 0.50 | cps |
| Lead | 208-1 | 1375138 | 1388394 | 1390606 | 1384712 | 0.60 | cps |
| Lithium | 6-1 | 2064245 | 2056713 | 2048677 | 2056545 | 0.38 | cps |
| Magnesium | 24-2 | 16409809 | 16246001 | 15947301 | 16201037 | 1.45 | cps |
| Manganese | 55-2 | 3952578 | 3951928 | 3903145 | 3935884 | 0.72 | cps |
| Molybdenum | 94-1 | 67183 | 66547 | 65954 | 66561 | 0.92 | cps |
| Molybdenum | 95-1 | 19633 | 19460 | 19713 | 19602 | 0.66 | cps |
| Molybdenum | 96-1 | 33442 | 32897 | 32480 | 32939 | 1.46 | cps |
| Molybdenum | 97-1 | 12168 | 11942 | 12455 | 12188 | 2.11 | cps |
| Molybdenum | 98-1 | 31781 | 31781 | 30518 | 31360 | 2.32 | cps |
| Neodymium | 150-1 | 122268 | 124809 | 123824 | 123634 | 1.04 | cps |
| Neodymium | 150-2 | 75504 | 74777 | 75749 | 75343 | 0.67 | cps |
| Nickel | 60-2 | 142395 | 143212 | 141241 | 142283 | 0.70 | cps |
| Phosphorus | 31-2 | 14797 | 14457 | 13983 | 14412 | 2.84 | cps |
| Potassium | 39-2 | 2150504 | 2130353 | 2148668 | 2143175 | 0.52 | cps |
| Rhodium | 103-1 | 12149000 | 12009587 | 11990761 | 12049783 | 0.72 | cps |
| Rhodium | 103-2 | 7301036 | 7224943 | 7109567 | 7211849 | 1.34 | cps |
| Scandium | 45-1 | 7352109 | 7285346 | 7117935 | 7251796 | 1.66 | cps |
| Scandium | 45-2 | 627159 | 624584 | 619137 | 623627 | 0.66 | cps |
| Selenium | 82-1 | 372 | 435 | 372 | 393 | 9.27 | cps |
| Selenium | 77-2 | 220 | 207 | 233 | 220 | 6.06 | cps |
| Selenium | 78-2 | 577 | 580 | 533 | 563 | 4.62 | cps |
| Silicon | 28-1 | 9154898 | 8722114 | 9231597 | 9036203 | 3.04 | cps |
| Silver | 107-1 | 3447 | 2994 | 2610 | 3017 | 13.89 | cps |
| Silver | 109-1 | 2987 | 2510 | 2210 | 2569 | 15.25 | cps |
| Sodium | 23-2 | 213690 | 213350 | 212420 | 213153 | 0.31 | cps |
| Strontium | 86-1 | 520982 | 517738 | 518300 | 519007 | 0.33 | cps |
| Strontium | 88-1 | 4751804 | 4691011 | 4555318 | 4666044 | 2.16 | cps |
| Sulfur | 34-1 | 245328 | 243543 | 245509 | 244793 | 0.44 | cps |
| Terbium | 159-1 | 16957546 | 17110090 | 16984904 | 17017514 | 0.48 | cps |
| Terbium | 159-2 | 11657756 | 11560548 | 11660010 | 11626105 | 0.49 | cps |
| Thallium | 203-1 | 6191 | 5811 | 5681 | 5895 | 4.50 | cps |
| Thallium | 205-1 | 14711 | 13687 | 13847 | 14082 | 3.91 | cps |
| Tin | 118-1 | 13900 | 13433 | 13059 | 13464 | 3.13 | cps |
| Titanium | 47-1 | 392710 | 386843 | 385462 | 388338 | 0.99 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 66351 | 67195 | 67939 | 67162 | 1.18 | cps |
| Vanadium | 51-2 | 243738 | 240415 | 240185 | 241446 | 0.82 | cps |
| Yttrium | 89-1 | 21347192 | 21076106 | 20786288 | 21069862 | 1.33 | cps |
| Yttrium | 89-2 | 5748819 | 5684328 | 5685534 | 5706227 | 0.65 | cps |
| Zinc | 66-2 | 157975 | 156335 | 154769 | 156360 | 1.03 | cps |
| Zirconium | 90-1 | 150098 | 151707 | 152745 | 151517 | 0.88 | cps |
| Zirconium | 91-1 | 33361 | 33408 | 36043 | 34271 | 4.48 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6202686 | 6155282 | 6191914 | 6183294 | 0.40 | cps |
| Antimony | 121-1 | 7212 | 6918 | 7135 | 7088 | 2.15 | cps |
| Arsenic | 75-2 | 10827 | 10757 | 10797 | 10794 | 0.33 | cps |
| Barium | 135-1 | 796089 | 795292 | 795952 | 795778 | 0.05 | cps |
| Barium | 137-1 | 1378120 | 1374839 | 1380632 | 1377864 | 0.21 | cps |
| Beryllium | 9-1 | 2030 | 2000 | 2097 | 2042 | 2.42 | cps |
| Bismuth | 209-1 | 9903577 | 9891485 | 9803264 | 9866109 | 0.56 | cps |
| Bismuth | 209-2 | 8308213 | 8270397 | 8287900 | 8288837 | 0.23 | cps |
| Bromine | 81-1 | 15698 | 15715 | 15812 | 15742 | 0.39 | cps |
| Bromine | 81-2 | 550 | 550 | 567 | 556 | 1.73 | cps |
| Cadmium | 108-1 | 247 | 223 | 237 | 236 | 4.97 | cps |
| Cadmium | 106-1 | 5431 | 5354 | 5101 | 5295 | 3.26 | cps |
| Cadmium | 111-1 | 2546 | 2537 | 2551 | 2545 | 0.30 | cps |
| Calcium | 43-1 | 2838963 | 2864844 | 2860252 | 2854686 | 0.48 | cps |
| Calcium | 44-1 | 45937788 | 45536059 | 45464116 | 45645988 | 0.56 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 214144 | 214463 | 213434 | 214014 | 0.25 | cps |
| Cobalt | 59-2 | 214108 | 210630 | 212165 | 212301 | 0.82 | cps |
| Copper | 63-2 | 271399 | 269231 | 269010 | 269880 | 0.49 | cps |
| Dysprosium | 156-1 | 78612 | 79309 | 78887 | 78936 | 0.44 | cps |
| Dysprosium | 156-2 | 64705 | 64711 | 65211 | 64876 | 0.45 | cps |
| Erbium | 164-1 | 65670 | 65868 | 66453 | 65997 | 0.62 | cps |
| Erbium | 164-2 | 46888 | 47621 | 46959 | 47156 | 0.86 | cps |
| Gadolinium | 160-1 | 78776 | 78284 | 79296 | 78785 | 0.64 | cps |
| Gadolinium | 160-2 | 59392 | 58913 | 58850 | 59052 | 0.50 | cps |
| Holmium | 165-1 | 16549772 | 16576841 | 16416007 | 16514207 | 0.52 | cps |
| Holmium | 165-2 | 11806459 | 11647646 | 11715205 | 11723103 | 0.68 | cps |
| Indium | 115-1 | 13059836 | 13025526 | 13025976 | 13037113 | 0.15 | cps |
| Indium | 115-2 | 4885797 | 4874431 | 4782507 | 4847578 | 1.17 | cps |
| Iron | 56-2 | 243121756 | 241157623 | 239710176 | 241329852 | 0.71 | cps |
| Iron | 57-2 | 6063247 | 6022751 | 6023870 | 6036623 | 0.38 | cps |
| Iron | 54-2 | 13117120 | 13093494 | 13152795 | 13121136 | 0.23 | cps |
| Krypton | 83-1 | 263 | 320 | 230 | 271 | 16.78 | cps |

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 |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 352994 | 353017 | 353433 | 353148 | 0.07 | cps |
| Lead | 207-1 | 283542 | 281632 | 286465 | 283880 | 0.86 | cps |
| Lead | 208-1 | 1336814 | 1343896 | 1351575 | 1344095 | 0.55 | cps |
| Lithium | 6-1 | 2021132 | 2033431 | 2045624 | 2033396 | 0.60 | cps |
| Magnesium | 24-2 | 15541270 | 15548622 | 15446509 | 15512133 | 0.37 | cps |
| Manganese | 55-2 | 3813610 | 3798768 | 3850368 | 3820915 | 0.70 | cps |
| Molybdenum | 94-1 | 63246 | 64845 | 64099 | 64063 | 1.25 | cps |
| Molybdenum | 95-1 | 17878 | 18248 | 18312 | 18146 | 1.29 | cps |
| Molybdenum | 96-1 | 31290 | 31193 | 31277 | 31253 | 0.17 | cps |
| Molybdenum | 97-1 | 11284 | 11481 | 11475 | 11413 | 0.98 | cps |
| Molybdenum | 98-1 | 28818 | 29587 | 29243 | 29216 | 1.32 | cps |
| Neodymium | 150-1 | 120112 | 122066 | 120143 | 120774 | 0.93 | cps |
| Neodymium | 150-2 | 73942 | 74341 | 73480 | 73921 | 0.58 | cps |
| Nickel | 60-2 | 136528 | 136286 | 136440 | 136418 | 0.09 | cps |
| Phosphorus | 31-2 | 13890 | 13856 | 13289 | 13678 | 2.47 | cps |
| Potassium | 39-2 | 2015318 | 2015655 | 2009582 | 2013518 | 0.17 | cps |
| Rhodium | 103-1 | 11989007 | 11855244 | 11854016 | 11899422 | 0.65 | cps |
| Rhodium | 103-2 | 7119691 | 7107023 | 7064705 | 7097140 | 0.41 | cps |
| Scandium | 45-1 | 7131304 | 6979546 | 6961651 | 7024167 | 1.33 | cps |
| Scandium | 45-2 | 610884 | 609202 | 606455 | 608847 | 0.37 | cps |
| Selenium | 82-1 | 377 | 257 | 303 | 312 | 19.31 | cps |
| Selenium | 77-2 | 170 | 187 | 180 | 179 | 4.69 | cps |
| Selenium | 78-2 | 567 | 580 | 600 | 582 | 2.88 | cps |
| Silicon | 28-1 | 7364077 | 8237096 | 8655228 | 8085467 | 8.15 | cps |
| Silver | 107-1 | 2277 | 2117 | 2287 | 2227 | 4.28 | cps |
| Silver | 109-1 | 2034 | 2147 | 1967 | 2049 | 4.44 | cps |
| Sodium | 23-2 | 207710 | 204070 | 205385 | 205722 | 0.90 | cps |
| Strontium | 86-1 | 497289 | 501245 | 500870 | 499801 | 0.44 | cps |
| Strontium | 88-1 | 4487178 | 4449082 | 4432475 | 4456245 | 0.63 | cps |
| Sulfur | 34-1 | 238783 | 241069 | 241640 | 240498 | 0.63 | cps |
| Terbium | 159-1 | 16921870 | 16843401 | 16965902 | 16910391 | 0.37 | cps |
| Terbium | 159-2 | 11740206 | 11523332 | 11594421 | 11619320 | 0.95 | cps |
| Thallium | 203-1 | 5238 | 5138 | 5431 | 5269 | 2.83 | cps |
| Thallium | 205-1 | 12516 | 12743 | 12406 | 12555 | 1.37 | cps |
| Tin | 118-1 | 12092 | 11581 | 11748 | 11807 | 2.20 | cps |
| Titanium | 47-1 | 371045 | 369797 | 362779 | 367874 | 1.21 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 65792 | 67729 | 68712 | 67411 | 2.20 | cps |
| Vanadium | 51-2 | 231536 | 234267 | 232574 | 232792 | 0.59 | cps |
| Yttrium | 89-1 | 20733813 | 20541498 | 20488125 | 20587812 | 0.63 | cps |
| Yttrium | 89-2 | 5622299 | 5592792 | 5624630 | 5613240 | 0.32 | cps |
| Zinc | 66-2 | 151832 | 150486 | 149738 | 150685 | 0.70 | cps |
| Zirconium | 90-1 | 143672 | 145439 | 145869 | 144993 | 0.80 | cps |
| Zirconium | 91-1 | 32673 | 32272 | 32463 | 32469 | 0.62 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1318796 | 1319756 | 1330150 | 1322901 | 0.48 | cps |
| Antimony | 121-1 | 1930 | 1867 | 1787 | 1861 | 3.86 | cps |
| Arsenic | 75-2 | 2384 | 2280 | 2070 | 2245 | 7.11 | cps |
| Barium | 135-1 | 161269 | 161845 | 159926 | 161013 | 0.61 | cps |
| Barium | 137-1 | 281184 | 283277 | 281142 | 281868 | 0.43 | cps |
| Beryllium | 9-1 | 453 | 477 | 533 | 488 | 8.43 | cps |
| Bismuth | 209-1 | 9782972 | 9825782 | 9725281 | 9778012 | 0.52 | cps |
| Bismuth | 209-2 | 8240324 | 8403074 | 8323177 | 8322191 | 0.98 | cps |
| Bromine | 81-1 | 15155 | 15081 | 14577 | 14938 | 2.10 | cps |
| Bromine | 81-2 | 243 | 267 | 233 | 248 | 6.90 | cps |
| Cadmium | 108-1 | 50 | 47 | 60 | 52 | 13.28 | cps |
| Cadmium | 106-1 | 4951 | 4828 | 4898 | 4892 | 1.27 | cps |
| Cadmium | 111-1 | 1317 | 1309 | 1307 | 1311 | 0.41 | cps |
| Calcium | 43-1 | 597262 | 604484 | 598577 | 600107 | 0.64 | cps |
| Calcium | 44-1 | 9372715 | 9527557 | 9491923 | 9464065 | 0.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 46000 | 47438 | 46471 | 46636 | 1.57 | cps |
| Cobalt | 59-2 | 45803 | 45215 | 45151 | 45390 | 0.79 | cps |
| Copper | 63-2 | 57734 | 58119 | 58560 | 58138 | 0.71 | cps |
| Dysprosium | 156-1 | 15702 | 15812 | 15916 | 15810 | 0.68 | cps |
| Dysprosium | 156-2 | 13226 | 13577 | 13777 | 13527 | 2.06 | cps |
| Erbium | 164-1 | 13350 | 13203 | 13353 | 13302 | 0.64 | cps |
| Erbium | 164-2 | 9753 | 9610 | 9537 | 9633 | 1.14 | cps |
| Gadolinium | 160-1 | 16400 | 15796 | 15849 | 16015 | 2.09 | cps |
| Gadolinium | 160-2 | 12509 | 12786 | 12559 | 12618 | 1.17 | cps |
| Holmium | 165-1 | 16159724 | 15944503 | 16184220 | 16096149 | 0.82 | cps |
| Holmium | 165-2 | 11587025 | 11631099 | 11635026 | 11617716 | 0.23 | cps |
| Indium | 115-1 | 12965619 | 13147417 | 12900329 | 13004455 | 0.98 | cps |
| Indium | 115-2 | 4920223 | 4891072 | 4927539 | 4912945 | 0.39 | cps |
| Iron | 56-2 | 51590553 | 50826753 | 50892809 | 51103371 | 0.83 | cps |
| Iron | 57-2 | 1287139 | 1277623 | 1277392 | 1280718 | 0.43 | cps |
| Iron | 54-2 | 2803482 | 2801078 | 2792224 | 2798928 | 0.21 | cps |
| Krypton | 83-1 | 260 | 207 | 217 | 228 | 12.45 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 72602 | 72877 | 72237 | 72572 | 0.44 | cps |
| Lead | 207-1 | 57963 | 58375 | 57792 | 58043 | 0.52 | cps |
| Lead | 208-1 | 274374 | 275981 | 274802 | 275052 | 0.30 | cps |
| Lithium | 6-1 | 1986440 | 2003486 | 1983654 | 1991193 | 0.54 | cps |
| Magnesium | 24-2 | 3371486 | 3306434 | 3245468 | 3307796 | 1.91 | cps |
| Manganese | 55-2 | 791994 | 793593 | 787433 | 791007 | 0.40 | cps |
| Molybdenum | 94-1 | 12869 | 13099 | 13119 | 13029 | 1.07 | cps |
| Molybdenum | 95-1 | 3744 | 3994 | 3797 | 3845 | 3.43 | cps |
| Molybdenum | 96-1 | 6491 | 6365 | 6632 | 6496 | 2.06 | cps |
| Molybdenum | 97-1 | 2327 | 2537 | 2364 | 2409 | 4.66 | cps |
| Molybdenum | 98-1 | 6078 | 6425 | 5971 | 6158 | 3.85 | cps |
| Neodymium | 150-1 | 23780 | 24498 | 24705 | 24328 | 2.00 | cps |
| Neodymium | 150-2 | 15315 | 14734 | 14965 | 15005 | 1.95 | cps |
| Nickel | 60-2 | 29355 | 29242 | 29626 | 29408 | 0.67 | cps |
| Phosphorus | 31-2 | 2927 | 3087 | 3127 | 3047 | 3.47 | cps |
| Potassium | 39-2 | 483473 | 485290 | 481972 | 483578 | 0.34 | cps |
| Rhodium | 103-1 | 11859946 | 11995235 | 11999026 | 11951402 | 0.66 | cps |
| Rhodium | 103-2 | 7262051 | 7277245 | 7207889 | 7249062 | 0.50 | cps |
| Scandium | 45-1 | 6945703 | 7057955 | 7020187 | 7007948 | 0.82 | cps |
| Scandium | 45-2 | 611933 | 618881 | 616687 | 615834 | 0.58 | cps |
| Selenium | 82-1 | 68 | 181 | 153 | 134 | 43.68 | cps |
| Selenium | 77-2 | 30 | 43 | 63 | 46 | 36.83 | cps |
| Selenium | 78-2 | 433 | 430 | 450 | 438 | 2.45 | cps |
| Silicon | 28-1 | 2165570 | 2087738 | 2487445 | 2246917 | 9.43 | cps |
| Silver | 107-1 | 597 | 497 | 607 | 567 | 10.73 | cps |
| Silver | 109-1 | 497 | 390 | 483 | 457 | 12.73 | cps |
| Sodium | 23-2 | 67055 | 66165 | 65616 | 66279 | 1.10 | cps |
| Strontium | 86-1 | 103057 | 103068 | 101641 | 102589 | 0.80 | cps |
| Strontium | 88-1 | 879144 | 892599 | 884006 | 885250 | 0.77 | cps |
| Sulfur | 34-1 | 202989 | 202375 | 199856 | 201740 | 0.82 | cps |
| Terbium | 159-1 | 16628104 | 16539645 | 16605534 | 16591094 | 0.28 | cps |
| Terbium | 159-2 | 11549826 | 11531857 | 11549714 | 11543799 | 0.09 | cps |
| Thallium | 203-1 | 1240 | 1283 | 1253 | 1259 | 1.76 | cps |
| Thallium | 205-1 | 3120 | 2850 | 2927 | 2966 | 4.69 | cps |
| Tin | 118-1 | 3747 | 3734 | 3497 | 3659 | 3.84 | cps |
| Titanium | 47-1 | 76676 | 74834 | 76043 | 75851 | 1.23 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13047 | 13210 | 13200 | 13152 | 0.70 | cps |
| Vanadium | 51-2 | 48451 | 50012 | 49845 | 49436 | 1.73 | cps |
| Yttrium | 89-1 | 19809228 | 19795241 | 19916740 | 19840403 | 0.34 | cps |
| Yttrium | 89-2 | 5505952 | 5500507 | 5473641 | 5493366 | 0.31 | cps |
| Zinc | 66-2 | 32893 | 32549 | 32362 | 32601 | 0.83 | cps |
| Zirconium | 90-1 | 31764 | 30154 | 29747 | 30555 | 3.49 | cps |
| Zirconium | 91-1 | 6682 | 6672 | 6578 | 6644 | 0.86 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:02:30 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6342474 | 6420274 | 6346655 | 6369801 | 0.69 | cps |
| Antimony | 121-1 | 6318 | 6435 | 6221 | 6325 | 1.69 | cps |
| Arsenic | 75-2 | 146060 | 146703 | 151245 | 148003 | 1.91 | cps |
| Barium | 135-1 | 2125040 | 2135819 | 2140930 | 2133929 | 0.38 | cps |
| Barium | 137-1 | 3690712 | 3681020 | 3668141 | 3679958 | 0.31 | cps |
| Beryllium | 9-1 | 16903 | 17036 | 17293 | 17077 | 1.16 | cps |
| Bismuth | 209-1 | 9857499 | 9811359 | 9943453 | 9870771 | 0.68 | cps |
| Bismuth | 209-2 | 8289086 | 8260199 | 8237389 | 8262225 | 0.31 | cps |
| Bromine | 81-1 | 15545 | 16069 | 15258 | 15624 | 2.63 | cps |
| Bromine | 81-2 | 523 | 473 | 503 | 500 | 5.03 | cps |
| Cadmium | 108-1 | 21459 | 22364 | 22030 | 21951 | 2.08 | cps |
| Cadmium | 106-1 | 34611 | 35072 | 35263 | 34982 | 0.96 | cps |
| Cadmium | 111-1 | 317942 | 319451 | 317984 | 318459 | 0.27 | cps |
| Calcium | 43-1 | 2855902 | 2854443 | 2906381 | 2872242 | 1.03 | cps |
| Calcium | 44-1 | 45712866 | 45900764 | 46570474 | 46061368 | 0.98 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 415649 | 407102 | 413101 | 411951 | 1.07 | cps |
| Cobalt | 59-2 | 972597 | 974409 | 974173 | 973726 | 0.10 | cps |
| Copper | 63-2 | 535077 | 529803 | 530282 | 531721 | 0.55 | cps |
| Dysprosium | 156-1 | 77485 | 79659 | 79661 | 78935 | 1.59 | cps |
| Dysprosium | 156-2 | 65435 | 66141 | 65873 | 65817 | 0.54 | cps |
| Erbium | 164-1 | 65328 | 67904 | 66949 | 66727 | 1.95 | cps |
| Erbium | 164-2 | 48049 | 48032 | 48052 | 48044 | 0.02 | cps |
| Gadolinium | 160-1 | 78790 | 80307 | 78079 | 79059 | 1.44 | cps |
| Gadolinium | 160-2 | 60055 | 59351 | 59378 | 59595 | 0.67 | cps |
| Holmium | 165-1 | 16339221 | 16701228 | 16444888 | 16495112 | 1.13 | cps |
| Holmium | 165-2 | 11963386 | 11729025 | 11747269 | 11813226 | 1.10 | cps |
| Indium | 115-1 | 12938356 | 12970106 | 13047886 | 12985449 | 0.43 | cps |
| Indium | 115-2 | 4829018 | 4814661 | 4752328 | 4798669 | 0.85 | cps |
| Iron | 56-2 | 245304063 | 244982416 | 244330570 | 244872350 | 0.20 | cps |
| Iron | 57-2 | 6095418 | 6083442 | 6132710 | 6103857 | 0.42 | cps |
| Iron | 54-2 | 13325949 | 13428530 | 13261735 | 13338738 | 0.63 | cps |
| Krypton | 83-1 | 293 | 243 | 253 | 263 | 10.05 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5352-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:02:30 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2112596 | 2173178 | 2152156 | 2145977 | 1.43 | cps |
| Lead | 207-1 | 1641747 | 1657646 | 1658367 | 1652587 | 0.57 | cps |
| Lead | 208-1 | 8069279 | 8097548 | 8187437 | 8118088 | 0.76 | cps |
| Lithium | 6-1 | 2011950 | 2033667 | 2004654 | 2016757 | 0.75 | cps |
| Magnesium | 24-2 | 15718650 | 15678166 | 15727147 | 15707988 | 0.17 | cps |
| Manganese | 55-2 | 4295719 | 4327539 | 4247802 | 4290353 | 0.94 | cps |
| Molybdenum | 94-1 | 70107 | 73796 | 70569 | 71491 | 2.81 | cps |
| Molybdenum | 95-1 | 30398 | 30388 | 30719 | 30502 | 0.62 | cps |
| Molybdenum | 96-1 | 44752 | 45581 | 44849 | 45060 | 1.01 | cps |
| Molybdenum | 97-1 | 19036 | 19126 | 19189 | 19117 | 0.40 | cps |
| Molybdenum | 98-1 | 49213 | 49253 | 49283 | 49249 | 0.07 | cps |
| Neodymium | 150-1 | 120721 | 121825 | 122019 | 121522 | 0.58 | cps |
| Neodymium | 150-2 | 74613 | 74629 | 74174 | 74472 | 0.35 | cps |
| Nickel | 60-2 | 329283 | 328425 | 330195 | 329301 | 0.27 | cps |
| Phosphorus | 31-2 | 13790 | 13983 | 13843 | 13872 | 0.72 | cps |
| Potassium | 39-2 | 2117139 | 2083910 | 2104655 | 2101901 | 0.80 | cps |
| Rhodium | 103-1 | 11850928 | 11823242 | 11901598 | 11858589 | 0.34 | cps |
| Rhodium | 103-2 | 7087004 | 7093531 | 7033826 | 7071454 | 0.46 | cps |
| Scandium | 45-1 | 7034888 | 6952429 | 7064738 | 7017352 | 0.83 | cps |
| Scandium | 45-2 | 609766 | 607490 | 606157 | 607804 | 0.30 | cps |
| Selenium | 82-1 | 44098 | 44369 | 44513 | 44327 | 0.48 | cps |
| Selenium | 77-2 | 5064 | 4924 | 5031 | 5006 | 1.46 | cps |
| Selenium | 78-2 | 16539 | 16466 | 16736 | 16580 | 0.84 | cps |
| Silicon | 28-1 | 11154724 | 10606073 | 11602866 | 11121221 | 4.49 | cps |
| Silver | 107-1 | 157110 | 160095 | 159407 | 158870 | 0.98 | cps |
| Silver | 109-1 | 151324 | 151755 | 152045 | 151708 | 0.24 | cps |
| Sodium | 23-2 | 214928 | 217530 | 248837 | 227098 | 8.31 | cps |
| Strontium | 86-1 | 501560 | 502515 | 504040 | 502705 | 0.25 | cps |
| Strontium | 88-1 | 4442725 | 4455507 | 4456447 | 4451559 | 0.17 | cps |
| Sulfur | 34-1 | 240564 | 237748 | 241810 | 240040 | 0.87 | cps |
| Terbium | 159-1 | 16807781 | 16916931 | 16847043 | 16857252 | 0.33 | cps |
| Terbium | 159-2 | 11600844 | 11492125 | 11686936 | 11593301 | 0.84 | cps |
| Thallium | 203-1 | 2347663 | 2347645 | 2365826 | 2353711 | 0.45 | cps |
| Thallium | 205-1 | 5491006 | 5517200 | 5532497 | 5513568 | 0.38 | cps |
| Tin | 118-1 | 12165 | 12319 | 12199 | 12228 | 0.66 | cps |
| Titanium | 47-1 | 383815 | 389137 | 380685 | 384546 | 1.11 | cps |

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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 | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 67396 | 68579 | 67089 | 67688 | 1.16 | cps |
| Vanadium | 51-2 | 664271 | 663518 | 663942 | 663910 | 0.06 | cps |
| Yttrium | 89-1 | 20598946 | 20782686 | 20717315 | 20699649 | 0.45 | cps |
| Yttrium | 89-2 | 5605459 | 5596037 | 5636580 | 5612692 | 0.38 | cps |
| Zinc | 66-2 | 250429 | 246590 | 248491 | 248503 | 0.77 | cps |
| Zirconium | 90-1 | 146266 | 149506 | 148633 | 148135 | 1.13 | cps |
| Zirconium | 91-1 | 32877 | 31808 | 32626 | 32437 | 1.72 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:05:37 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2435130 | 2451907 | 2448367 | 2445135 | 0.36 | cps |
| Antimony | 121-1 | 1723296 | 1750907 | 1765385 | 1746529 | 1.22 | cps |
| Arsenic | 75-2 | 140518 | 139794 | 141685 | 140665 | 0.68 | cps |
| Barium | 135-1 | 320203 | 326150 | 325367 | 323907 | 1.00 | cps |
| Barium | 137-1 | 564444 | 564364 | 569525 | 566111 | 0.52 | cps |
| Beryllium | 9-1 | 460 | 423 | 490 | 458 | 7.29 | cps |
| Bismuth | 209-1 | 10177859 | 10214488 | 10152343 | 10181563 | 0.31 | cps |
| Bismuth | 209-2 | 8539455 | 8439037 | 8474813 | 8484435 | 0.60 | cps |
| Bromine | 81-1 | 49349 | 51175 | 52282 | 50935 | 2.91 | cps |
| Bromine | 81-2 | 7782 | 8276 | 8066 | 8041 | 3.08 | cps |
| Cadmium | 108-1 | 513 | 557 | 517 | 529 | 4.56 | cps |
| Cadmium | 106-1 | 5558 | 5805 | 5521 | 5628 | 2.74 | cps |
| Cadmium | 111-1 | 5415 | 5516 | 5529 | 5487 | 1.14 | cps |
| Calcium | 43-1 | 917290 | 926881 | 924001 | 922724 | 0.53 | cps |
| Calcium | 44-1 | 14546778 | 14641915 | 14441200 | 14543298 | 0.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 139464 | 138906 | 139357 | 139242 | 0.21 | cps |
| Cobalt | 59-2 | 262653 | 261510 | 264058 | 262741 | 0.49 | cps |
| Copper | 63-2 | 2815318 | 2774162 | 2776305 | 2788595 | 0.83 | cps |
| Dysprosium | 156-1 | 25967 | 26652 | 27026 | 26548 | 2.02 | cps |
| Dysprosium | 156-2 | 22622 | 22622 | 22097 | 22447 | 1.35 | cps |
| Erbium | 164-1 | 22902 | 23032 | 23486 | 23140 | 1.33 | cps |
| Erbium | 164-2 | 16296 | 16486 | 16630 | 16471 | 1.02 | cps |
| Gadolinium | 160-1 | 26175 | 25837 | 26579 | 26197 | 1.42 | cps |
| Gadolinium | 160-2 | 19894 | 20592 | 20458 | 20315 | 1.82 | cps |
| Holmium | 165-1 | 16292345 | 16448700 | 16537266 | 16426104 | 0.75 | cps |
| Holmium | 165-2 | 11853831 | 11945238 | 11848645 | 11882571 | 0.46 | cps |
| Indium | 115-1 | 13168652 | 13174514 | 13337871 | 13227012 | 0.73 | cps |
| Indium | 115-2 | 5026492 | 4998946 | 5002288 | 5009242 | 0.30 | cps |
| Iron | 56-2 | 146858038 | 147458024 | 147359774 | 147225279 | 0.22 | cps |
| Iron | 57-2 | 3637807 | 3646839 | 3670254 | 3651634 | 0.46 | cps |
| Iron | 54-2 | 7983980 | 7975202 | 7981972 | 7980385 | 0.06 | cps |
| Krypton | 83-1 | 250 | 210 | 210 | 223 | 10.34 | cps |

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

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

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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 |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 55244 | 55827 | 55562 | 55544 | 0.53 | cps |
| Vanadium | 51-2 | 171087 | 170986 | 170720 | 170931 | 0.11 | cps |
| Yttrium | 89-1 | 20462987 | 20446147 | 20442039 | 20450391 | 0.05 | cps |
| Yttrium | 89-2 | 5583223 | 5621892 | 5602622 | 5602579 | 0.35 | cps |
| Zinc | 66-2 | 1716079 | 1720714 | 1690947 | 1709247 | 0.94 | cps |
| Zirconium | 90-1 | 66771 | 68750 | 66882 | 67468 | 1.65 | cps |
| Zirconium | 91-1 | 15903 | 15322 | 15482 | 15569 | 1.93 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:11:51 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 491531 | 489799 | 485991 | 489107 | 0.58 | cps |
| Antimony | 121-1 | 336449 | 336003 | 338297 | 336916 | 0.36 | cps |
| Arsenic | 75-2 | 28865 | 29272 | 28791 | 28976 | 0.89 | cps |
| Barium | 135-1 | 65064 | 64947 | 64783 | 64931 | 0.22 | cps |
| Barium | 137-1 | 113567 | 114171 | 113290 | 113676 | 0.40 | cps |
| Beryllium | 9-1 | 103 | 127 | 183 | 138 | 29.86 | cps |
| Bismuth | 209-1 | 9736894 | 9698850 | 9605883 | 9680542 | 0.70 | cps |
| Bismuth | 209-2 | 8372896 | 8341283 | 8334852 | 8349677 | 0.24 | cps |
| Bromine | 81-1 | 23115 | 23148 | 23279 | 23181 | 0.37 | cps |
| Bromine | 81-2 | 1840 | 1810 | 1810 | 1820 | 0.95 | cps |
| Cadmium | 108-1 | 70 | 97 | 113 | 93 | 23.42 | cps |
| Cadmium | 106-1 | 4938 | 4931 | 4614 | 4828 | 3.83 | cps |
| Cadmium | 111-1 | 1892 | 1857 | 1843 | 1864 | 1.36 | cps |
| Calcium | 43-1 | 190806 | 191883 | 192245 | 191645 | 0.39 | cps |
| Calcium | 44-1 | 3003355 | 3045270 | 2965141 | 3004589 | 1.33 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30304 | 30103 | 30387 | 30265 | 0.48 | cps |
| Cobalt | 59-2 | 54870 | 54759 | 54753 | 54794 | 0.12 | cps |
| Copper | 63-2 | 571768 | 574407 | 571403 | 572526 | 0.29 | cps |
| Dysprosium | 156-1 | 5311 | 5311 | 5338 | 5320 | 0.29 | cps |
| Dysprosium | 156-2 | 4414 | 4304 | 4571 | 4430 | 3.03 | cps |
| Erbium | 164-1 | 4574 | 4734 | 4497 | 4602 | 2.62 | cps |
| Erbium | 164-2 | 3564 | 3314 | 3267 | 3382 | 4.72 | cps |
| Gadolinium | 160-1 | 4881 | 5221 | 5261 | 5121 | 4.08 | cps |
| Gadolinium | 160-2 | 4524 | 4521 | 4411 | 4485 | 1.44 | cps |
| Holmium | 165-1 | 16220935 | 16030001 | 15985545 | 16078827 | 0.78 | cps |
| Holmium | 165-2 | 11579247 | 11616420 | 11518722 | 11571463 | 0.43 | cps |
| Indium | 115-1 | 13189385 | 13192506 | 13057202 | 13146365 | 0.59 | cps |
| Indium | 115-2 | 4990557 | 4953377 | 4916922 | 4953619 | 0.74 | cps |
| Iron | 56-2 | 30433207 | 30551140 | 30549054 | 30511133 | 0.22 | cps |
| Iron | 57-2 | 764652 | 762914 | 763279 | 763615 | 0.12 | cps |
| Iron | 54-2 | 1712165 | 1676108 | 1677028 | 1688433 | 1.22 | cps |
| Krypton | 83-1 | 230 | 167 | 240 | 212 | 18.74 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:11:51 | DataFile Name : | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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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 | 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 |

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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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06RE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:15:06 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3657873 | 3731047 | 3739006 | 3709308 | 1.21 | cps |
| Lead | 207-1 | 3128240 | 3237546 | 3263655 | 3209814 | 2.24 | cps |
| Lead | 208-1 | 14380288 | 14759354 | 14771614 | 14637085 | 1.52 | cps |
| Lithium | 6-1 | 2024560 | 1999897 | 2027346 | 2017268 | 0.75 | cps |
| Magnesium | 24-2 | 2626349 | 2554009 | 2587765 | 2589374 | 1.40 | cps |
| Manganese | 55-2 | 1151177 | 1152486 | 1144868 | 1149510 | 0.35 | cps |
| Molybdenum | 94-1 | 47042 | 47554 | 48567 | 47721 | 1.63 | cps |
| Molybdenum | 95-1 | 43020 | 43648 | 43123 | 43264 | 0.78 | cps |
| Molybdenum | 96-1 | 52628 | 51925 | 52035 | 52196 | 0.72 | cps |
| Molybdenum | 97-1 | 27082 | 26918 | 27329 | 27110 | 0.76 | cps |
| Molybdenum | 98-1 | 69340 | 70154 | 70479 | 69991 | 0.84 | cps |
| Neodymium | 150-1 | 43517 | 42591 | 42798 | 42969 | 1.13 | cps |
| Neodymium | 150-2 | 26435 | 26248 | 26091 | 26258 | 0.66 | cps |
| Nickel | 60-2 | 44409 | 44232 | 45245 | 44628 | 1.21 | cps |
| Phosphorus | 31-2 | 12986 | 12672 | 12989 | 12882 | 1.41 | cps |
| Potassium | 39-2 | 1391414 | 1351826 | 1370239 | 1371160 | 1.44 | cps |
| Rhodium | 103-1 | 12404034 | 12151474 | 12260252 | 12271920 | 1.03 | cps |
| Rhodium | 103-2 | 7444624 | 7279122 | 7393164 | 7372304 | 1.15 | cps |
| Scandium | 45-1 | 7176051 | 7136265 | 7167264 | 7159860 | 0.29 | cps |
| Scandium | 45-2 | 628985 | 627194 | 627732 | 627970 | 0.15 | cps |
| Selenium | 82-1 | 404 | 327 | 265 | 332 | 21.00 | cps |
| Selenium | 77-2 | 83 | 87 | 133 | 101 | 27.65 | cps |
| Selenium | 78-2 | 573 | 567 | 503 | 548 | 7.05 | cps |
| Silicon | 28-1 | 6971436 | 7165550 | 6983461 | 7040149 | 1.54 | cps |
| Silver | 107-1 | 23836 | 24454 | 24694 | 24328 | 1.82 | cps |
| Silver | 109-1 | 23105 | 23102 | 23162 | 23123 | 0.15 | cps |
| Sodium | 23-2 | 9131334 | 9112653 | 9099160 | 9114382 | 0.18 | cps |
| Strontium | 86-1 | 868925 | 862569 | 869859 | 867118 | 0.46 | cps |
| Strontium | 88-1 | 7746343 | 7739633 | 7653560 | 7713178 | 0.67 | cps |
| Sulfur | 34-1 | 359263 | 355331 | 357187 | 357261 | 0.55 | cps |
| Terbium | 159-1 | 16883171 | 16774508 | 16895957 | 16851212 | 0.40 | cps |
| Terbium | 159-2 | 11654846 | 11565036 | 11669699 | 11629860 | 0.49 | cps |
| Thallium | 203-1 | 3280 | 3357 | 3177 | 3272 | 2.76 | cps |
| Thallium | 205-1 | 7566 | 7916 | 7779 | 7753 | 2.28 | cps |
| Tin | 118-1 | 400230 | 403114 | 402293 | 401879 | 0.37 | cps |
| Titanium | 47-1 | 807074 | 808490 | 808414 | 807992 | 0.10 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06RE | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:15:06 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 54726 | 54528 | 55311 | 54855 | 0.74 | cps |
| Vanadium | 51-2 | 173841 | 171141 | 171454 | 172145 | 0.86 | cps |
| Yttrium | 89-1 | 20630947 | 20531391 | 20361068 | 20507802 | 0.67 | cps |
| Yttrium | 89-2 | 5723616 | 5666184 | 5644502 | 5678101 | 0.72 | cps |
| Zinc | 66-2 | 1745353 | 1747072 | 1737939 | 1743455 | 0.28 | cps |
| Zirconium | 90-1 | 63450 | 64380 | 63734 | 63855 | 0.75 | cps |
| Zirconium | 91-1 | 14300 | 14120 | 14584 | 14335 | 1.63 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:18:14 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 29776 | 28356 | 28734 | 28955 | 2.54 | cps |
| Antimony | 121-1 | 3287 | 2914 | 2904 | 3035 | 7.20 | cps |
| Arsenic | 75-2 | 457 | 403 | 397 | 419 | 7.85 | cps |
| Barium | 135-1 | 3367 | 3614 | 3367 | 3449 | 4.13 | cps |
| Barium | 137-1 | 5995 | 6001 | 5951 | 5982 | 0.45 | cps |
| Beryllium | 9-1 | 110 | 57 | 90 | 86 | 31.49 | cps |
| Bismuth | 209-1 | 9787779 | 9747321 | 9794418 | 9776506 | 0.26 | cps |
| Bismuth | 209-2 | 8332812 | 8330357 | 8302614 | 8321928 | 0.20 | cps |
| Bromine | 81-1 | 18775 | 18578 | 18161 | 18505 | 1.69 | cps |
| Bromine | 81-2 | 940 | 877 | 970 | 929 | 5.13 | cps |
| Cadmium | 108-1 | 20 | 17 | 30 | 22 | 31.22 | cps |
| Cadmium | 106-1 | 4924 | 4934 | 4361 | 4740 | 6.93 | cps |
| Cadmium | 111-1 | 1013 | 1030 | 909 | 984 | 6.66 | cps |
| Calcium | 43-1 | 637944 | 634326 | 627469 | 633246 | 0.84 | cps |
| Calcium | 44-1 | 10102741 | 10112589 | 9815169 | 10010166 | 1.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5321 | 5134 | 5168 | 5208 | 1.91 | cps |
| Cobalt | 59-2 | 1960 | 1947 | 1917 | 1941 | 1.14 | cps |
| Copper | 63-2 | 30708 | 30655 | 30842 | 30735 | 0.31 | cps |
| Dysprosium | 156-1 | 680 | 793 | 743 | 739 | 7.69 | cps |
| Dysprosium | 156-2 | 500 | 493 | 563 | 519 | 7.45 | cps |
| Erbium | 164-1 | 1327 | 1280 | 1213 | 1273 | 4.47 | cps |
| Erbium | 164-2 | 900 | 880 | 813 | 864 | 5.25 | cps |
| Gadolinium | 160-1 | 867 | 867 | 937 | 890 | 4.54 | cps |
| Gadolinium | 160-2 | 1273 | 1257 | 1217 | 1249 | 2.33 | cps |
| Holmium | 165-1 | 16014864 | 16042659 | 15931292 | 15996272 | 0.36 | cps |
| Holmium | 165-2 | 11546039 | 11604124 | 11555609 | 11568591 | 0.27 | cps |
| Indium | 115-1 | 13184226 | 13113519 | 12956889 | 13084878 | 0.89 | cps |
| Indium | 115-2 | 4895709 | 4868025 | 4945692 | 4903142 | 0.80 | cps |
| Iron | 56-2 | 921038 | 914924 | 903623 | 913195 | 0.97 | cps |
| Iron | 57-2 | 33858 | 33942 | 34028 | 33943 | 0.25 | cps |
| Iron | 54-2 | 51879 | 51334 | 51307 | 51507 | 0.63 | cps |
| Krypton | 83-1 | 190 | 200 | 203 | 198 | 3.51 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:18:14 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3531 | 3167 | 2700 | 3133 | 13.29 | cps |
| Lead | 207-1 | 3300 | 2770 | 2447 | 2839 | 15.18 | cps |
| Lead | 208-1 | 14316 | 12666 | 11132 | 12705 | 12.54 | cps |
| Lithium | 6-1 | 1969383 | 1972747 | 1952466 | 1964865 | 0.55 | cps |
| Magnesium | 24-2 | 2007151 | 2005746 | 1992394 | 2001764 | 0.41 | cps |
| Manganese | 55-2 | 41668 | 41246 | 40638 | 41184 | 1.26 | cps |
| Molybdenum | 94-1 | 5171 | 4894 | 5188 | 5084 | 3.24 | cps |
| Molybdenum | 95-1 | 2970 | 3050 | 2920 | 2980 | 2.20 | cps |
| Molybdenum | 96-1 | 3757 | 3951 | 3754 | 3821 | 2.95 | cps |
| Molybdenum | 97-1 | 1850 | 1837 | 1967 | 1885 | 3.80 | cps |
| Molybdenum | 98-1 | 4934 | 5041 | 4978 | 4984 | 1.08 | cps |
| Neodymium | 150-1 | 773 | 763 | 737 | 758 | 2.50 | cps |
| Neodymium | 150-2 | 503 | 470 | 347 | 440 | 18.76 | cps |
| Nickel | 60-2 | 4361 | 3947 | 3897 | 4068 | 6.25 | cps |
| Phosphorus | 31-2 | 370 | 353 | 413 | 379 | 8.17 | cps |
| Potassium | 39-2 | 380167 | 373312 | 370709 | 374729 | 1.30 | cps |
| Rhodium | 103-1 | 12306116 | 12206670 | 12035203 | 12182663 | 1.12 | cps |
| Rhodium | 103-2 | 7204012 | 7080969 | 7104532 | 7129838 | 0.92 | cps |
| Scandium | 45-1 | 7147981 | 7030978 | 6928227 | 7035729 | 1.56 | cps |
| Scandium | 45-2 | 600415 | 596689 | 594491 | 597198 | 0.50 | cps |
| Selenium | 82-1 | 429 | 368 | 403 | 400 | 7.61 | cps |
| Selenium | 77-2 | 27 | 3 | 47 | 26 | 84.88 | cps |
| Selenium | 78-2 | 523 | 457 | 450 | 477 | 8.51 | cps |
| Silicon | 28-1 | 55445824 | 54859381 | 54206784 | 54837330 | 1.13 | cps |
| Silver | 107-1 | 213 | 213 | 217 | 214 | 0.90 | cps |
| Silver | 109-1 | 147 | 153 | 140 | 147 | 4.55 | cps |
| Sodium | 23-2 | 7012545 | 6834487 | 6864206 | 6903746 | 1.38 | cps |
| Strontium | 86-1 | 108294 | 108969 | 106491 | 107918 | 1.19 | cps |
| Strontium | 88-1 | 943053 | 933002 | 933062 | 936372 | 0.62 | cps |
| Sulfur | 34-1 | 365235 | 358360 | 355615 | 359737 | 1.38 | cps |
| Terbium | 159-1 | 16637548 | 16475184 | 16570721 | 16561151 | 0.49 | cps |
| Terbium | 159-2 | 11443737 | 11276321 | 11438835 | 11386297 | 0.84 | cps |
| Thallium | 203-1 | 327 | 257 | 307 | 297 | 12.15 | cps |
| Thallium | 205-1 | 813 | 737 | 670 | 740 | 9.69 | cps |
| Tin | 118-1 | 2624 | 2354 | 2477 | 2485 | 5.44 | cps |
| Titanium | 47-1 | 4101 | 4038 | 5799 | 4646 | 21.51 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:18:14 | DataFile Name : | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3794 | 3597 | 3554 | 3648 | 3.51 | cps |
| Vanadium | 51-2 | 6001 | 5825 | 5838 | 5888 | 1.67 | cps |
| Yttrium | 89-1 | 20013721 | 19971515 | 19727506 | 19904247 | 0.78 | cps |
| Yttrium | 89-2 | 5469240 | 5372210 | 5439407 | 5426952 | 0.92 | cps |
| Zinc | 66-2 | 1603 | 1580 | 1507 | 1563 | 3.23 | cps |
| Zirconium | 90-1 | 15051 | 9370 | 9396 | 11272 | 29.03 | cps |
| Zirconium | 91-1 | 2147 | 2184 | 2014 | 2115 | 4.23 | cps |

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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 |

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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 |

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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 | 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 |

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 |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 203308 | 201642 | 204086 | 203012 | 0.62 | cps |
| Lead | 207-1 | 172915 | 173851 | 172757 | 173175 | 0.34 | cps |
| Lead | 208-1 | 801501 | 801880 | 806748 | 803376 | 0.36 | cps |
| Lithium | 6-1 | 1856318 | 1926238 | 1934541 | 1905699 | 2.25 | cps |
| Magnesium | 24-2 | 1894211 | 1897777 | 1931494 | 1907827 | 1.08 | cps |
| Manganese | 55-2 | 2040163 | 2033012 | 2064075 | 2045750 | 0.80 | cps |
| Molybdenum | 94-1 | 152579 | 153679 | 153805 | 153354 | 0.44 | cps |
| Molybdenum | 95-1 | 263813 | 264662 | 266814 | 265096 | 0.58 | cps |
| Molybdenum | 96-1 | 284014 | 282782 | 285043 | 283946 | 0.40 | cps |
| Molybdenum | 97-1 | 163799 | 165498 | 164299 | 164532 | 0.53 | cps |
| Molybdenum | 98-1 | 425484 | 427373 | 429697 | 427518 | 0.49 | cps |
| Neodymium | 150-1 | 980 | 960 | 1070 | 1003 | 5.84 | cps |
| Neodymium | 150-2 | 383 | 520 | 530 | 478 | 17.15 | cps |
| Nickel | 60-2 | 972199 | 980654 | 973015 | 975289 | 0.48 | cps |
| Phosphorus | 31-2 | 357 | 357 | 323 | 346 | 5.57 | cps |
| Potassium | 39-2 | 348505 | 350961 | 351530 | 350332 | 0.46 | cps |
| Rhodium | 103-1 | 10800017 | 11515380 | 11537206 | 11284201 | 3.72 | cps |
| Rhodium | 103-2 | 6999367 | 6946679 | 6962908 | 6969652 | 0.39 | cps |
| Scandium | 45-1 | 6048288 | 6501655 | 6589117 | 6379687 | 4.55 | cps |
| Scandium | 45-2 | 572038 | 572865 | 573359 | 572754 | 0.12 | cps |
| Selenium | 82-1 | 20139 | 20431 | 19929 | 20166 | 1.25 | cps |
| Selenium | 77-2 | 2230 | 2187 | 2080 | 2166 | 3.57 | cps |
| Selenium | 78-2 | 7832 | 7655 | 7909 | 7799 | 1.67 | cps |
| Silicon | 28-1 | 50519449 | 49939261 | 49727126 | 50061945 | 0.82 | cps |
| Silver | 107-1 | 806957 | 810742 | 808738 | 808812 | 0.23 | cps |
| Silver | 109-1 | 762532 | 771717 | 768152 | 767467 | 0.60 | cps |
| Sodium | 23-2 | 6426623 | 6463131 | 6491385 | 6460380 | 0.50 | cps |
| Strontium | 86-1 | 101064 | 101436 | 101060 | 101187 | 0.21 | cps |
| Strontium | 88-1 | 883269 | 883048 | 889108 | 885142 | 0.39 | cps |
| Sulfur | 34-1 | 308553 | 306259 | 305857 | 306890 | 0.47 | cps |
| Terbium | 159-1 | 15291219 | 16343914 | 16296501 | 15977211 | 3.72 | cps |
| Terbium | 159-2 | 11263158 | 11481234 | 11323151 | 11355848 | 0.99 | cps |
| Thallium | 203-1 | 622085 | 616990 | 621366 | 620147 | 0.44 | cps |
| Thallium | 205-1 | 1473105 | 1483360 | 1468463 | 1474976 | 0.52 | cps |
| Tin | 118-1 | 3477 | 3447 | 3497 | 3474 | 0.72 | cps |
| Titanium | 47-1 | 3828 | 3377 | 3444 | 3550 | 6.86 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5347-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:34:24 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3561 | 3557 | 3574 | 3564 | 0.25 | cps |
| Vanadium | 51-2 | 2180745 | 2180745 | 2186928 | 2182806 | 0.16 | cps |
| Yttrium | 89-1 | 17952822 | 18873118 | 18838216 | 18554719 | 2.81 | cps |
| Yttrium | 89-2 | 5279794 | 5204609 | 5203924 | 5229442 | 0.83 | cps |
| Zinc | 66-2 | 493004 | 494522 | 492827 | 493451 | 0.19 | cps |
| Zirconium | 90-1 | 9493 | 9116 | 8990 | 9200 | 2.85 | cps |
| Zirconium | 91-1 | 2170 | 2167 | 2080 | 2139 | 2.39 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:37:32 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8776 | 8282 | 8663 | 8574 | 3.02 | cps |
| Antimony | 121-1 | 763 | 577 | 477 | 606 | 24.03 | cps |
| Arsenic | 75-2 | 30 | 27 | 23 | 27 | 12.51 | cps |
| Barium | 135-1 | 3784 | 3020 | 2250 | 3018 | 25.41 | cps |
| Barium | 137-1 | 6295 | 5008 | 4261 | 5188 | 19.83 | cps |
| Beryllium | 9-1 | 117 | 83 | 87 | 96 | 19.21 | cps |
| Bismuth | 209-1 | 9934941 | 9823805 | 9847697 | 9868814 | 0.59 | cps |
| Bismuth | 209-2 | 8271292 | 8386965 | 8317370 | 8325209 | 0.70 | cps |
| Bromine | 81-1 | 13606 | 13323 | 13103 | 13344 | 1.89 | cps |
| Bromine | 81-2 | 87 | 133 | 127 | 116 | 21.84 | cps |
| Cadmium | 108-1 | 23 | 13 | 7 | 14 | 58.06 | cps |
| Cadmium | 106-1 | 4487 | 4227 | 4377 | 4364 | 2.99 | cps |
| Cadmium | 111-1 | 949 | 890 | 935 | 925 | 3.30 | cps |
| Calcium | 43-1 | 4154 | 3777 | 3851 | 3927 | 5.09 | cps |
| Calcium | 44-1 | 70195 | 68272 | 67670 | 68712 | 1.92 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3720 | 3751 | 3817 | 3763 | 1.32 | cps |
| Cobalt | 59-2 | 550 | 533 | 470 | 518 | 8.15 | cps |
| Copper | 63-2 | 2047 | 1847 | 1957 | 1950 | 5.14 | cps |
| Dysprosium | 156-1 | 97 | 93 | 117 | 102 | 12.35 | cps |
| Dysprosium | 156-2 | 77 | 103 | 93 | 91 | 14.79 | cps |
| Erbium | 164-1 | 163 | 160 | 170 | 164 | 3.10 | cps |
| Erbium | 164-2 | 97 | 100 | 103 | 100 | 3.33 | cps |
| Gadolinium | 160-1 | 153 | 123 | 110 | 129 | 17.22 | cps |
| Gadolinium | 160-2 | 690 | 750 | 720 | 720 | 4.17 | cps |
| Holmium | 165-1 | 16093861 | 15946638 | 15676820 | 15905773 | 1.33 | cps |
| Holmium | 165-2 | 11402686 | 11534945 | 11413228 | 11450286 | 0.64 | cps |
| Indium | 115-1 | 12859850 | 12907110 | 12797285 | 12854749 | 0.43 | cps |
| Indium | 115-2 | 4742933 | 4793147 | 4709175 | 4748418 | 0.89 | cps |
| Iron | 56-2 | 252531 | 250887 | 255924 | 253114 | 1.01 | cps |
| Iron | 57-2 | 6842 | 6708 | 6892 | 6814 | 1.39 | cps |
| Iron | 54-2 | 15265 | 15118 | 14821 | 15068 | 1.50 | cps |
| Krypton | 83-1 | 183 | 163 | 167 | 171 | 6.26 | cps |

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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 | 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 |

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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 | 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 |

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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 |

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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 | 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 |

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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 |

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

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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 | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 833 | 723 | 730 | 762 | 8.09 | cps |
| Lead | 207-1 | 670 | 683 | 630 | 661 | 4.20 | cps |
| Lead | 208-1 | 3160 | 3210 | 2967 | 3112 | 4.13 | cps |
| Lithium | 6-1 | 1945437 | 1938163 | 1902796 | 1928799 | 1.18 | cps |
| Magnesium | 24-2 | 4556 | 3170 | 3204 | 3643 | 21.70 | cps |
| Manganese | 55-2 | 2880 | 2674 | 2614 | 2722 | 5.14 | cps |
| Molybdenum | 94-1 | 407 | 413 | 433 | 418 | 3.32 | cps |
| Molybdenum | 95-1 | 240 | 313 | 277 | 277 | 13.25 | cps |
| Molybdenum | 96-1 | 347 | 383 | 313 | 348 | 10.07 | cps |
| Molybdenum | 97-1 | 157 | 123 | 163 | 148 | 14.50 | cps |
| Molybdenum | 98-1 | 480 | 473 | 440 | 464 | 4.61 | cps |
| Neodymium | 150-1 | 33 | 13 | 20 | 22 | 45.83 | cps |
| Neodymium | 150-2 | 27 | 10 | 33 | 23 | 51.50 | cps |
| Nickel | 60-2 | 15438 | 15768 | 15808 | 15672 | 1.30 | cps |
| Phosphorus | 31-2 | 250 | 220 | 280 | 250 | 12.00 | cps |
| Potassium | 39-2 | 54116 | 52159 | 52891 | 53055 | 1.86 | cps |
| Rhodium | 103-1 | 11656196 | 11660530 | 11659442 | 11658723 | 0.02 | cps |
| Rhodium | 103-2 | 6999420 | 6993823 | 6990121 | 6994455 | 0.07 | cps |
| Scandium | 45-1 | 6672794 | 6501248 | 6595969 | 6590004 | 1.30 | cps |
| Scandium | 45-2 | 576843 | 576580 | 577537 | 576987 | 0.09 | cps |
| Selenium | 82-1 | 227 | 99 | 162 | 163 | 39.10 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 467 | 480 | 343 | 430 | 17.52 | cps |
| Silicon | 28-1 | 597852 | 608201 | 597658 | 601237 | 1.00 | cps |
| Silver | 107-1 | 157 | 150 | 120 | 142 | 13.73 | cps |
| Silver | 109-1 | 80 | 83 | 80 | 81 | 2.37 | cps |
| Sodium | 23-2 | 44069 | 39313 | 39932 | 41105 | 6.29 | cps |
| Strontium | 86-1 | 630 | 580 | 633 | 614 | 4.86 | cps |
| Strontium | 88-1 | 2710 | 2624 | 2607 | 2647 | 2.10 | cps |
| Sulfur | 34-1 | 159549 | 159465 | 161577 | 160197 | 0.75 | cps |
| Terbium | 159-1 | 16182037 | 16124692 | 15963285 | 16090005 | 0.70 | cps |
| Terbium | 159-2 | 11091217 | 11166625 | 11127326 | 11128389 | 0.34 | cps |
| Thallium | 203-1 | 283 | 250 | 180 | 238 | 22.18 | cps |
| Thallium | 205-1 | 610 | 677 | 510 | 599 | 14.01 | cps |
| Tin | 118-1 | 1547 | 1407 | 1537 | 1497 | 5.22 | cps |
| Titanium | 47-1 | 273 | 257 | 260 | 263 | 3.35 | cps |

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

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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 | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53 | 33 | 77 | 54 | 39.84 | cps |
| Vanadium | 51-2 | 167 | 77 | 100 | 114 | 40.81 | cps |
| Yttrium | 89-1 | 19065075 | 19076958 | 18846481 | 18996171 | 0.68 | cps |
| Yttrium | 89-2 | 5237816 | 5235974 | 5265497 | 5246429 | 0.32 | cps |
| Zinc | 66-2 | 883 | 707 | 710 | 767 | 13.18 | cps |
| Zirconium | 90-1 | 773 | 763 | 820 | 786 | 3.85 | cps |
| Zirconium | 91-1 | 163 | 163 | 137 | 154 | 9.97 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:47:32 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 531428 | 530312 | 527935 | 529891 | 0.34 | cps |
| Antimony | 121-1 | 1259470 | 1264603 | 1271710 | 1265261 | 0.49 | cps |
| Arsenic | 75-2 | 26410 | 26343 | 26634 | 26463 | 0.57 | cps |
| Barium | 135-1 | 6532344 | 6570484 | 6464466 | 6522432 | 0.82 | cps |
| Barium | 137-1 | 11208480 | 11373955 | 11312802 | 11298412 | 0.74 | cps |
| Beryllium | 9-1 | 75418 | 75780 | 76631 | 75943 | 0.82 | cps |
| Bismuth | 209-1 | 9729984 | 9636830 | 9937875 | 9768230 | 1.58 | cps |
| Bismuth | 209-2 | 8348005 | 8304071 | 8317537 | 8323204 | 0.27 | cps |
| Bromine | 81-1 | 13686 | 13400 | 13553 | 13546 | 1.06 | cps |
| Bromine | 81-2 | 143 | 157 | 180 | 160 | 11.60 | cps |
| Cadmium | 108-1 | 11011 | 11234 | 11044 | 11097 | 1.09 | cps |
| Cadmium | 106-1 | 19280 | 19403 | 19293 | 19325 | 0.35 | cps |
| Cadmium | 111-1 | 158960 | 159020 | 161635 | 159872 | 0.96 | cps |
| Calcium | 43-1 | 4494 | 4624 | 4571 | 4563 | 1.43 | cps |
| Calcium | 44-1 | 73765 | 73514 | 73832 | 73703 | 0.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 990826 | 985312 | 981441 | 985860 | 0.48 | cps |
| Cobalt | 59-2 | 3994941 | 4003547 | 3960696 | 3986395 | 0.57 | cps |
| Copper | 63-2 | 1336523 | 1336692 | 1324908 | 1332707 | 0.51 | cps |
| Dysprosium | 156-1 | 127 | 197 | 137 | 153 | 24.69 | cps |
| Dysprosium | 156-2 | 377 | 353 | 437 | 389 | 11.05 | cps |
| Erbium | 164-1 | 173 | 180 | 193 | 182 | 5.59 | cps |
| Erbium | 164-2 | 143 | 117 | 127 | 129 | 10.45 | cps |
| Gadolinium | 160-1 | 133 | 133 | 170 | 146 | 14.54 | cps |
| Gadolinium | 160-2 | 730 | 700 | 797 | 742 | 6.67 | cps |
| Holmium | 165-1 | 15923457 | 15755474 | 15758848 | 15812593 | 0.61 | cps |
| Holmium | 165-2 | 11450648 | 11492815 | 11469178 | 11470880 | 0.18 | cps |
| Indium | 115-1 | 12806843 | 12752965 | 12727346 | 12762385 | 0.32 | cps |
| Indium | 115-2 | 4866178 | 4835079 | 4814371 | 4838543 | 0.54 | cps |
| Iron | 56-2 | 5026715 | 4928194 | 5040976 | 4998628 | 1.23 | cps |
| Iron | 57-2 | 125603 | 125623 | 126056 | 125761 | 0.20 | cps |
| Iron | 54-2 | 310517 | 311475 | 309101 | 310364 | 0.38 | cps |
| Krypton | 83-1 | 157 | 213 | 193 | 188 | 15.31 | cps |

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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 |

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

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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 | 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 |

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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 | 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 |

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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 | 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 |

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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 | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1067 | 1043 | 1010 | 1040 | 2.74 | cps |
| Antimony | 121-1 | 510 | 423 | 467 | 467 | 9.29 | cps |
| Arsenic | 75-2 | 293 | 280 | 273 | 282 | 3.61 | cps |
| Barium | 135-1 | 1333 | 1553 | 1557 | 1481 | 8.64 | cps |
| Barium | 137-1 | 2824 | 2780 | 2710 | 2771 | 2.06 | cps |
| Beryllium | 9-1 | 40 | 93 | 97 | 77 | 41.48 | cps |
| Bismuth | 209-1 | 10153300 | 10092467 | 10208369 | 10151379 | 0.57 | cps |
| Bismuth | 209-2 | 8673234 | 8780541 | 8610445 | 8688073 | 0.99 | cps |
| Bromine | 81-1 | 14484 | 14294 | 14627 | 14468 | 1.16 | cps |
| Bromine | 81-2 | 90 | 107 | 93 | 97 | 9.13 | cps |
| Cadmium | 108-1 | 13 | 3 | 27 | 14 | 81.07 | cps |
| Cadmium | 106-1 | 4647 | 4357 | 4247 | 4417 | 4.68 | cps |
| Cadmium | 111-1 | 970 | 889 | 868 | 909 | 5.96 | cps |
| Calcium | 43-1 | 2003 | 2194 | 2214 | 2137 | 5.42 | cps |
| Calcium | 44-1 | 38128 | 38809 | 39060 | 38666 | 1.25 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2897 | 2914 | 2924 | 2911 | 0.46 | cps |
| Cobalt | 59-2 | 120 | 107 | 127 | 118 | 8.65 | cps |
| Copper | 63-2 | 4041 | 3897 | 4201 | 4046 | 3.75 | cps |
| Dysprosium | 156-1 | 20 | 20 | 20 | 20 | 0.00 | cps |
| Dysprosium | 156-2 | 7 | 23 | 7 | 12 | 78.69 | cps |
| Erbium | 164-1 | 117 | 90 | 63 | 90 | 29.63 | cps |
| Erbium | 164-2 | 53 | 60 | 103 | 72 | 37.59 | cps |
| Gadolinium | 160-1 | 50 | 67 | 47 | 54 | 19.68 | cps |
| Gadolinium | 160-2 | 563 | 597 | 693 | 618 | 10.93 | cps |
| Holmium | 165-1 | 16539954 | 16326773 | 16692268 | 16519665 | 1.11 | cps |
| Holmium | 165-2 | 11880538 | 11933686 | 11811435 | 11875219 | 0.52 | cps |
| Indium | 115-1 | 13404025 | 13048093 | 13121512 | 13191210 | 1.42 | cps |
| Indium | 115-2 | 4957508 | 5039360 | 4916170 | 4971013 | 1.26 | cps |
| Iron | 56-2 | 55525 | 54224 | 54465 | 54738 | 1.26 | cps |
| Iron | 57-2 | 1837 | 1890 | 1927 | 1885 | 2.40 | cps |
| Iron | 54-2 | 4437 | 4397 | 4361 | 4398 | 0.87 | cps |
| Krypton | 83-1 | 117 | 187 | 157 | 153 | 22.90 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5255-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:54:04 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2107 | 2227 | 2424 | 2252 | 7.10 | cps |
| Lead | 207-1 | 1717 | 1933 | 2097 | 1916 | 9.95 | cps |
| Lead | 208-1 | 8118 | 9071 | 9518 | 8902 | 8.04 | cps |
| Lithium | 6-1 | 1888407 | 1871071 | 1874350 | 1877943 | 0.49 | cps |
| Magnesium | 24-2 | 5268 | 5664 | 5568 | 5500 | 3.76 | cps |
| Manganese | 55-2 | 2507 | 2567 | 2670 | 2581 | 3.20 | cps |
| Molybdenum | 94-1 | 723 | 910 | 670 | 768 | 16.41 | cps |
| Molybdenum | 95-1 | 257 | 257 | 263 | 259 | 1.49 | cps |
| Molybdenum | 96-1 | 473 | 427 | 417 | 439 | 6.89 | cps |
| Molybdenum | 97-1 | 207 | 123 | 200 | 177 | 26.21 | cps |
| Molybdenum | 98-1 | 443 | 460 | 540 | 481 | 10.74 | cps |
| Neodymium | 150-1 | 10 | 20 | 20 | 17 | 34.64 | cps |
| Neodymium | 150-2 | 10 | 10 | 7 | 9 | 21.63 | cps |
| Nickel | 60-2 | 747 | 753 | 813 | 771 | 4.76 | cps |
| Phosphorus | 31-2 | 140 | 130 | 203 | 158 | 25.21 | cps |
| Potassium | 39-2 | 54638 | 54915 | 54494 | 54682 | 0.39 | cps |
| Rhodium | 103-1 | 12250603 | 12000254 | 12296097 | 12182318 | 1.31 | cps |
| Rhodium | 103-2 | 7347179 | 7412306 | 7375567 | 7378351 | 0.44 | cps |
| Scandium | 45-1 | 6775699 | 6807749 | 6735983 | 6773144 | 0.53 | cps |
| Scandium | 45-2 | 588062 | 589797 | 588591 | 588817 | 0.15 | cps |
| Selenium | 82-1 | 240 | 149 | 209 | 199 | 23.19 | cps |
| Selenium | 77-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Selenium | 78-2 | 397 | 397 | 427 | 407 | 4.26 | cps |
| Silicon | 28-1 | 579248 | 585397 | 588102 | 584249 | 0.78 | cps |
| Silver | 107-1 | 340 | 350 | 410 | 367 | 10.33 | cps |
| Silver | 109-1 | 250 | 323 | 263 | 279 | 14.01 | cps |
| Sodium | 23-2 | 123174 | 124958 | 124726 | 124286 | 0.78 | cps |
| Strontium | 86-1 | 680 | 713 | 697 | 697 | 2.39 | cps |
| Strontium | 88-1 | 4014 | 4017 | 4064 | 4032 | 0.69 | cps |
| Sulfur | 34-1 | 43686223 | 43497728 | 43964003 | 43715984 | 0.54 | cps |
| Terbium | 159-1 | 16852827 | 16756294 | 16969319 | 16859480 | 0.63 | cps |
| Terbium | 159-2 | 11753125 | 11764053 | 11699084 | 11738754 | 0.30 | cps |
| Thallium | 203-1 | 647 | 1183 | 1533 | 1121 | 39.84 | cps |
| Thallium | 205-1 | 1687 | 2667 | 3564 | 2639 | 35.57 | cps |
| Tin | 118-1 | 74796 | 75845 | 76793 | 75811 | 1.32 | cps |
| Titanium | 47-1 | 450 | 393 | 400 | 414 | 7.47 | cps |

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

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

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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 917 | 960 | 920 | 932 | 2.59 | cps |
| Antimony | 121-1 | 157 | 150 | 150 | 152 | 2.53 | cps |
| Arsenic | 75-2 | 23 | 17 | 27 | 22 | 22.91 | cps |
| Barium | 135-1 | 177 | 210 | 200 | 196 | 8.75 | cps |
| Barium | 137-1 | 407 | 310 | 333 | 350 | 14.41 | cps |
| Beryllium | 9-1 | 53 | 60 | 93 | 69 | 31.11 | cps |
| Bismuth | 209-1 | 10084059 | 9917542 | 10030156 | 10010586 | 0.85 | cps |
| Bismuth | 209-2 | 8549673 | 8464927 | 8460036 | 8491546 | 0.59 | cps |
| Bromine | 81-1 | 14147 | 13970 | 14074 | 14063 | 0.63 | cps |
| Bromine | 81-2 | 107 | 97 | 143 | 116 | 21.26 | cps |
| Cadmium | 108-1 | 17 | 13 | 20 | 17 | 20.01 | cps |
| Cadmium | 106-1 | 4481 | 4367 | 4221 | 4356 | 2.99 | cps |
| Cadmium | 111-1 | 938 | 884 | 864 | 895 | 4.28 | cps |
| Calcium | 43-1 | 780 | 817 | 813 | 803 | 2.52 | cps |
| Calcium | 44-1 | 16299 | 16339 | 15828 | 16155 | 1.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2814 | 3010 | 2674 | 2833 | 5.97 | cps |
| Cobalt | 59-2 | 90 | 107 | 83 | 93 | 12.88 | cps |
| Copper | 63-2 | 2187 | 2350 | 2264 | 2267 | 3.61 | cps |
| Dysprosium | 156-1 | 13 | 10 | 10 | 11 | 17.30 | cps |
| Dysprosium | 156-2 | 13 | 7 | 10 | 10 | 33.30 | cps |
| Erbium | 164-1 | 57 | 63 | 73 | 64 | 13.01 | cps |
| Erbium | 164-2 | 50 | 90 | 63 | 68 | 30.05 | cps |
| Gadolinium | 160-1 | 63 | 53 | 30 | 49 | 34.99 | cps |
| Gadolinium | 160-2 | 610 | 647 | 643 | 633 | 3.20 | cps |
| Holmium | 165-1 | 16414215 | 16287484 | 16157494 | 16286398 | 0.79 | cps |
| Holmium | 165-2 | 11715967 | 11654946 | 11652716 | 11674543 | 0.31 | cps |
| Indium | 115-1 | 13306829 | 13045670 | 12820996 | 13057832 | 1.86 | cps |
| Indium | 115-2 | 4837330 | 4793682 | 4815645 | 4815552 | 0.45 | cps |
| Iron | 56-2 | 43570 | 43947 | 44124 | 43880 | 0.65 | cps |
| Iron | 57-2 | 1580 | 1623 | 1473 | 1559 | 4.95 | cps |
| Iron | 54-2 | 3717 | 3884 | 3747 | 3783 | 2.35 | cps |
| Krypton | 83-1 | 233 | 143 | 180 | 186 | 24.39 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1447 | 1443 | 1480 | 1457 | 1.39 | cps |
| Lead | 207-1 | 1140 | 1283 | 1257 | 1227 | 6.21 | cps |
| Lead | 208-1 | 5631 | 5674 | 5587 | 5631 | 0.77 | cps |
| Lithium | 6-1 | 1909888 | 1861879 | 1878250 | 1883339 | 1.30 | cps |
| Magnesium | 24-2 | 1823 | 1840 | 1743 | 1802 | 2.87 | cps |
| Manganese | 55-2 | 2847 | 3037 | 2947 | 2944 | 3.23 | cps |
| Molybdenum | 94-1 | 410 | 373 | 427 | 403 | 6.77 | cps |
| Molybdenum | 95-1 | 257 | 313 | 220 | 263 | 17.86 | cps |
| Molybdenum | 96-1 | 333 | 353 | 380 | 356 | 6.59 | cps |
| Molybdenum | 97-1 | 130 | 167 | 187 | 161 | 17.84 | cps |
| Molybdenum | 98-1 | 347 | 403 | 473 | 408 | 15.56 | cps |
| Neodymium | 150-1 | 13 | 10 | 13 | 12 | 15.73 | cps |
| Neodymium | 150-2 | 10 | 10 | 7 | 9 | 21.63 | cps |
| Nickel | 60-2 | 757 | 777 | 770 | 768 | 1.33 | cps |
| Phosphorus | 31-2 | 187 | 170 | 133 | 163 | 16.70 | cps |
| Potassium | 39-2 | 51958 | 50641 | 50992 | 51197 | 1.33 | cps |
| Rhodium | 103-1 | 11982059 | 11878439 | 11786064 | 11882187 | 0.83 | cps |
| Rhodium | 103-2 | 7106901 | 6994753 | 7175413 | 7092356 | 1.29 | cps |
| Scandium | 45-1 | 6607783 | 6531126 | 6526474 | 6555128 | 0.70 | cps |
| Scandium | 45-2 | 569146 | 570669 | 569654 | 569823 | 0.14 | cps |
| Selenium | 82-1 | 95 | 194 | 105 | 131 | 41.32 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 457 | 427 | 367 | 417 | 11.00 | cps |
| Silicon | 28-1 | 568861 | 573060 | 579058 | 573660 | 0.89 | cps |
| Silver | 107-1 | 143 | 173 | 117 | 144 | 19.63 | cps |
| Silver | 109-1 | 107 | 123 | 113 | 114 | 7.33 | cps |
| Sodium | 23-2 | 34612 | 34198 | 34522 | 34444 | 0.63 | cps |
| Strontium | 86-1 | 553 | 537 | 543 | 544 | 1.54 | cps |
| Strontium | 88-1 | 1840 | 1893 | 1870 | 1868 | 1.43 | cps |
| Sulfur | 34-1 | 152667 | 153953 | 153347 | 153322 | 0.42 | cps |
| Terbium | 159-1 | 16687964 | 16438287 | 16466546 | 16530932 | 0.83 | cps |
| Terbium | 159-2 | 11396043 | 11332107 | 11356517 | 11361556 | 0.28 | cps |
| Thallium | 203-1 | 370 | 427 | 380 | 392 | 7.71 | cps |
| Thallium | 205-1 | 763 | 743 | 683 | 730 | 5.70 | cps |
| Tin | 118-1 | 2227 | 2264 | 2107 | 2199 | 3.73 | cps |
| Titanium | 47-1 | 127 | 107 | 73 | 102 | 26.36 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13 | 30 | 30 | 24 | 39.37 | cps |
| Vanadium | 51-2 | 30 | 77 | 23 | 43 | 67.07 | cps |
| Yttrium | 89-1 | 19439939 | 19356962 | 18997242 | 19264714 | 1.22 | cps |
| Yttrium | 89-2 | 5216216 | 5219623 | 5232078 | 5222639 | 0.16 | cps |
| Zinc | 66-2 | 937 | 983 | 883 | 934 | 5.36 | cps |
| Zirconium | 90-1 | 757 | 723 | 713 | 731 | 3.10 | cps |
| Zirconium | 91-1 | 170 | 147 | 157 | 158 | 7.42 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLE3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:04:01 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1713 | 1880 | 1960 | 1851 | 6.80 | cps |
| Antimony | 121-1 | 2160 | 1997 | 1977 | 2045 | 4.92 | cps |
| Arsenic | 75-2 | 160 | 100 | 117 | 126 | 24.67 | cps |
| Barium | 135-1 | 1067 | 1070 | 1187 | 1108 | 6.17 | cps |
| Barium | 137-1 | 1873 | 1977 | 2050 | 1967 | 4.51 | cps |
| Beryllium | 9-1 | 47 | 47 | 37 | 43 | 13.32 | cps |
| Bismuth | 209-1 | 9737727 | 9715541 | 9652085 | 9701784 | 0.46 | cps |
| Bismuth | 209-2 | 8185901 | 8162487 | 8234392 | 8194260 | 0.45 | cps |
| Bromine | 81-1 | 170274 | 209833 | 232113 | 204073 | 15.35 | cps |
| Bromine | 81-2 | 48011 | 49412 | 50282 | 49235 | 2.33 | cps |
| Cadmium | 108-1 | 20 | 27 | 13 | 20 | 33.35 | cps |
| Cadmium | 106-1 | 4357 | 4554 | 4341 | 4417 | 2.69 | cps |
| Cadmium | 111-1 | 906 | 924 | 894 | 908 | 1.63 | cps |
| Calcium | 43-1 | 104993 | 107218 | 107031 | 106414 | 1.16 | cps |
| Calcium | 44-1 | 1656963 | 1701238 | 1675407 | 1677869 | 1.33 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2384 | 2427 | 2254 | 2355 | 3.83 | cps |
| Cobalt | 59-2 | 463 | 423 | 400 | 429 | 7.47 | cps |
| Copper | 63-2 | 3831 | 3854 | 3844 | 3843 | 0.30 | cps |
| Dysprosium | 156-1 | 50 | 37 | 40 | 42 | 16.43 | cps |
| Dysprosium | 156-2 | 53 | 43 | 27 | 41 | 32.76 | cps |
| Erbium | 164-1 | 93 | 83 | 83 | 87 | 6.66 | cps |
| Erbium | 164-2 | 63 | 47 | 97 | 69 | 36.96 | cps |
| Gadolinium | 160-1 | 93 | 70 | 87 | 83 | 14.42 | cps |
| Gadolinium | 160-2 | 690 | 630 | 623 | 648 | 5.67 | cps |
| Holmium | 165-1 | 16077372 | 15937411 | 16230753 | 16081845 | 0.91 | cps |
| Holmium | 165-2 | 11609539 | 11402991 | 11639067 | 11550532 | 1.11 | cps |
| Indium | 115-1 | 12637681 | 12509218 | 12418313 | 12521737 | 0.88 | cps |
| Indium | 115-2 | 4677292 | 4754032 | 4785111 | 4738812 | 1.17 | cps |
| Iron | 56-2 | 100305 | 100019 | 99909 | 100078 | 0.20 | cps |
| Iron | 57-2 | 4507 | 4741 | 4731 | 4660 | 2.83 | cps |
| Iron | 54-2 | 6772 | 6511 | 6785 | 6689 | 2.30 | cps |
| Krypton | 83-1 | 107 | 170 | 213 | 163 | 32.84 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLE3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:04:01 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3594 | 3604 | 3521 | 3573 | 1.27 | cps |
| Lead | 207-1 | 2940 | 3014 | 3097 | 3017 | 2.60 | cps |
| Lead | 208-1 | 13893 | 13946 | 14036 | 13959 | 0.52 | cps |
| Lithium | 6-1 | 1826726 | 1870032 | 1903814 | 1866857 | 2.07 | cps |
| Magnesium | 24-2 | 4431135 | 4418148 | 4440634 | 4429972 | 0.25 | cps |
| Manganese | 55-2 | 3801 | 3867 | 3864 | 3844 | 0.98 | cps |
| Molybdenum | 94-1 | 697 | 763 | 723 | 728 | 4.61 | cps |
| Molybdenum | 95-1 | 773 | 927 | 973 | 891 | 11.74 | cps |
| Molybdenum | 96-1 | 1093 | 1103 | 933 | 1043 | 9.14 | cps |
| Molybdenum | 97-1 | 490 | 603 | 530 | 541 | 10.62 | cps |
| Molybdenum | 98-1 | 1560 | 1553 | 1470 | 1528 | 3.28 | cps |
| Neodymium | 150-1 | 33 | 70 | 23 | 42 | 58.20 | cps |
| Neodymium | 150-2 | 20 | 20 | 30 | 23 | 24.74 | cps |
| Nickel | 60-2 | 1913 | 1917 | 1847 | 1892 | 2.09 | cps |
| Phosphorus | 31-2 | 220 | 187 | 153 | 187 | 17.86 | cps |
| Potassium | 39-2 | 1884802 | 1875732 | 1901444 | 1887326 | 0.69 | cps |
| Rhodium | 103-1 | 11373897 | 11297260 | 11445480 | 11372212 | 0.65 | cps |
| Rhodium | 103-2 | 6881570 | 6884325 | 6910186 | 6892027 | 0.23 | cps |
| Scandium | 45-1 | 6437064 | 6525044 | 6515248 | 6492452 | 0.74 | cps |
| Scandium | 45-2 | 570957 | 568176 | 570453 | 569862 | 0.26 | cps |
| Selenium | 82-1 | 293 | 191 | 162 | 215 | 32.08 | cps |
| Selenium | 77-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Selenium | 78-2 | 460 | 423 | 403 | 429 | 6.70 | cps |
| Silicon | 28-1 | 631187 | 653481 | 665799 | 650156 | 2.70 | cps |
| Silver | 107-1 | 203 | 193 | 210 | 202 | 4.15 | cps |
| Silver | 109-1 | 113 | 133 | 100 | 116 | 14.52 | cps |
| Sodium | 23-2 | 61528714 | 61036079 | 61122919 | 61229237 | 0.43 | cps |
| Strontium | 86-1 | 237317 | 240347 | 238634 | 238766 | 0.64 | cps |
| Strontium | 88-1 | 2167348 | 2155558 | 2197994 | 2173634 | 1.01 | cps |
| Sulfur | 34-1 | 470951 | 478131 | 478892 | 475991 | 0.92 | cps |
| Terbium | 159-1 | 16333229 | 16119941 | 16464387 | 16305853 | 1.07 | cps |
| Terbium | 159-2 | 11428508 | 11349494 | 11300130 | 11359377 | 0.57 | cps |
| Thallium | 203-1 | 297 | 300 | 240 | 279 | 12.09 | cps |
| Thallium | 205-1 | 613 | 773 | 703 | 697 | 11.51 | cps |
| Tin | 118-1 | 2224 | 2230 | 2150 | 2201 | 2.02 | cps |
| Titanium | 47-1 | 427 | 457 | 463 | 449 | 4.35 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLE3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:04:01 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 993 | 960 | 1077 | 1010 | 5.95 | cps |
| Vanadium | 51-2 | 247 | 290 | 203 | 247 | 17.57 | cps |
| Yttrium | 89-1 | 18961834 | 18755793 | 19191333 | 18969653 | 1.15 | cps |
| Yttrium | 89-2 | 5170212 | 5135228 | 5194502 | 5166647 | 0.58 | cps |
| Zinc | 66-2 | 1640 | 1653 | 1560 | 1618 | 3.12 | cps |
| Zirconium | 90-1 | 707 | 717 | 783 | 736 | 5.67 | cps |
| Zirconium | 91-1 | 110 | 167 | 207 | 161 | 30.15 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5363-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLF9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:07:17 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2394 | 2547 | 2364 | 2435 | 4.04 | cps |
| Antimony | 121-1 | 1273 | 1423 | 1373 | 1357 | 5.63 | cps |
| Arsenic | 75-2 | 80 | 80 | 63 | 74 | 12.93 | cps |
| Barium | 135-1 | 543 | 577 | 503 | 541 | 6.79 | cps |
| Barium | 137-1 | 1007 | 923 | 1023 | 984 | 5.44 | cps |
| Beryllium | 9-1 | 53 | 70 | 57 | 60 | 14.70 | cps |
| Bismuth | 209-1 | 9775272 | 9600159 | 9673688 | 9683040 | 0.91 | cps |
| Bismuth | 209-2 | 8140197 | 8349004 | 8127294 | 8205498 | 1.52 | cps |
| Bromine | 81-1 | 205362 | 247015 | 273914 | 242097 | 14.27 | cps |
| Bromine | 81-2 | 56052 | 57615 | 58080 | 57249 | 1.86 | cps |
| Cadmium | 108-1 | 10 | 10 | 23 | 14 | 53.28 | cps |
| Cadmium | 106-1 | 4794 | 4417 | 4401 | 4537 | 4.90 | cps |
| Cadmium | 111-1 | 983 | 901 | 905 | 930 | 4.98 | cps |
| Calcium | 43-1 | 109820 | 109216 | 111177 | 110071 | 0.91 | cps |
| Calcium | 44-1 | 1721297 | 1730426 | 1737615 | 1729780 | 0.47 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2494 | 2774 | 2777 | 2681 | 6.07 | cps |
| Cobalt | 59-2 | 403 | 413 | 290 | 369 | 18.57 | cps |
| Copper | 63-2 | 1720 | 1707 | 1897 | 1775 | 5.98 | cps |
| Dysprosium | 156-1 | 33 | 40 | 10 | 28 | 56.71 | cps |
| Dysprosium | 156-2 | 10 | 17 | 17 | 14 | 26.66 | cps |
| Erbium | 164-1 | 110 | 130 | 113 | 118 | 9.10 | cps |
| Erbium | 164-2 | 57 | 67 | 43 | 56 | 21.08 | cps |
| Gadolinium | 160-1 | 70 | 70 | 83 | 74 | 10.34 | cps |
| Gadolinium | 160-2 | 647 | 617 | 670 | 644 | 4.15 | cps |
| Holmium | 165-1 | 16232316 | 16315316 | 15977081 | 16174904 | 1.09 | cps |
| Holmium | 165-2 | 11477146 | 11684628 | 11520590 | 11560788 | 0.95 | cps |
| Indium | 115-1 | 12738107 | 12597170 | 12518519 | 12617932 | 0.88 | cps |
| Indium | 115-2 | 4782965 | 4761532 | 4804939 | 4783145 | 0.45 | cps |
| Iron | 56-2 | 48374 | 48702 | 48645 | 48574 | 0.36 | cps |
| Iron | 57-2 | 3634 | 3814 | 3544 | 3664 | 3.75 | cps |
| Iron | 54-2 | 3801 | 3874 | 3921 | 3865 | 1.57 | cps |
| Krypton | 83-1 | 197 | 183 | 180 | 187 | 4.72 | cps |

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

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

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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
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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 | 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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-20 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:13:55 | DataFile Name : | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13 | 10 | 30 | 18 | 60.28 | cps |
| Vanadium | 51-2 | 43 | 47 | 50 | 47 | 7.15 | cps |
| Yttrium | 89-1 | 19220661 | 19176678 | 19001024 | 19132788 | 0.61 | cps |
| Yttrium | 89-2 | 5291271 | 5299601 | 5251624 | 5280832 | 0.49 | cps |
| Zinc | 66-2 | 860 | 860 | 917 | 879 | 3.72 | cps |
| Zirconium | 90-1 | 813 | 717 | 767 | 766 | 6.31 | cps |
| Zirconium | 91-1 | 77 | 120 | 100 | 99 | 21.93 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:17:17 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3137206 | 3137138 | 3138881 | 3137742 | 0.03 | cps |
| Antimony | 121-1 | 4097725 | 4183614 | 4148931 | 4143423 | 1.04 | cps |
| Arsenic | 75-2 | 508854 | 510252 | 511544 | 510217 | 0.26 | cps |
| Barium | 135-1 | 825240 | 836893 | 842232 | 834788 | 1.04 | cps |
| Barium | 137-1 | 1425563 | 1455840 | 1460494 | 1447299 | 1.31 | cps |
| Beryllium | 9-1 | 527 | 587 | 530 | 548 | 6.16 | cps |
| Bismuth | 209-1 | 10943241 | 10492016 | 10208411 | 10547889 | 3.51 | cps |
| Bismuth | 209-2 | 8563305 | 8666096 | 8573982 | 8601128 | 0.66 | cps |
| Bromine | 81-1 | 46944 | 46346 | 44069 | 45786 | 3.31 | cps |
| Bromine | 81-2 | 5731 | 5861 | 5558 | 5717 | 2.66 | cps |
| Cadmium | 108-1 | 693 | 740 | 723 | 719 | 3.29 | cps |
| Cadmium | 106-1 | 6065 | 5735 | 5828 | 5876 | 2.90 | cps |
| Cadmium | 111-1 | 6455 | 6622 | 6853 | 6643 | 3.01 | cps |
| Calcium | 43-1 | 314163 | 321458 | 323793 | 319805 | 1.57 | cps |
| Calcium | 44-1 | 4886938 | 5044684 | 5075645 | 5002422 | 2.02 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 153633 | 154893 | 153902 | 154143 | 0.43 | cps |
| Cobalt | 59-2 | 410773 | 413375 | 417662 | 413937 | 0.84 | cps |
| Copper | 63-2 | 1602758 | 1638717 | 1613733 | 1618403 | 1.14 | cps |
| Dysprosium | 156-1 | 24615 | 24655 | 24485 | 24585 | 0.36 | cps |
| Dysprosium | 156-2 | 20228 | 20725 | 20298 | 20417 | 1.32 | cps |
| Erbium | 164-1 | 23273 | 25126 | 24792 | 24397 | 4.05 | cps |
| Erbium | 164-2 | 17828 | 17902 | 17992 | 17907 | 0.46 | cps |
| Gadolinium | 160-1 | 25530 | 25777 | 25046 | 25451 | 1.46 | cps |
| Gadolinium | 160-2 | 19594 | 19570 | 19908 | 19691 | 0.96 | cps |
| Holmium | 165-1 | 17767745 | 16775764 | 16532367 | 17025292 | 3.84 | cps |
| Holmium | 165-2 | 11994154 | 12004771 | 12060989 | 12019971 | 0.30 | cps |
| Indium | 115-1 | 14400477 | 13514903 | 13585964 | 13833782 | 3.56 | cps |
| Indium | 115-2 | 5121456 | 5065382 | 5132768 | 5106535 | 0.71 | cps |
| Iron | 56-2 | 225104450 | 228716097 | 226774997 | 226865181 | 0.80 | cps |
| Iron | 57-2 | 5563359 | 5610603 | 5629326 | 5601096 | 0.61 | cps |
| Iron | 54-2 | 12387687 | 12390030 | 12403265 | 12393661 | 0.07 | cps |
| Krypton | 83-1 | 253 | 220 | 243 | 239 | 7.16 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:17:17 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7610677 | 7902517 | 7674556 | 7729250 | 1.98 | cps |
| Lead | 207-1 | 6713809 | 6830041 | 6740821 | 6761557 | 0.90 | cps |
| Lead | 208-1 | 30451107 | 31141348 | 30767975 | 30786810 | 1.12 | cps |
| Lithium | 6-1 | 2128808 | 2030560 | 2021796 | 2060388 | 2.88 | cps |
| Magnesium | 24-2 | 3473235 | 3482643 | 3464529 | 3473469 | 0.26 | cps |
| Manganese | 55-2 | 7261514 | 7346916 | 7310855 | 7306429 | 0.59 | cps |
| Molybdenum | 94-1 | 65834 | 67682 | 68610 | 67375 | 2.10 | cps |
| Molybdenum | 95-1 | 71430 | 72056 | 73992 | 72493 | 1.84 | cps |
| Molybdenum | 96-1 | 84097 | 84754 | 86996 | 85282 | 1.78 | cps |
| Molybdenum | 97-1 | 44942 | 46444 | 46009 | 45798 | 1.69 | cps |
| Molybdenum | 98-1 | 116261 | 118167 | 119104 | 117844 | 1.23 | cps |
| Neodymium | 150-1 | 34987 | 36140 | 36059 | 35729 | 1.80 | cps |
| Neodymium | 150-2 | 22441 | 22027 | 22007 | 22159 | 1.11 | cps |
| Nickel | 60-2 | 93063 | 94763 | 93425 | 93750 | 0.96 | cps |
| Phosphorus | 31-2 | 14007 | 14157 | 14360 | 14174 | 1.25 | cps |
| Potassium | 39-2 | 1649839 | 1649279 | 1645209 | 1648109 | 0.15 | cps |
| Rhodium | 103-1 | 12783971 | 12169352 | 11989341 | 12314221 | 3.38 | cps |
| Rhodium | 103-2 | 7295492 | 7373918 | 7445080 | 7371497 | 1.02 | cps |
| Scandium | 45-1 | 7392006 | 7032239 | 6946389 | 7123545 | 3.32 | cps |
| Scandium | 45-2 | 616570 | 623537 | 617877 | 619328 | 0.60 | cps |
| Selenium | 82-1 | 332 | 319 | 307 | 319 | 3.85 | cps |
| Selenium | 77-2 | 87 | 67 | 93 | 82 | 16.87 | cps |
| Selenium | 78-2 | 533 | 607 | 467 | 536 | 13.08 | cps |
| Silicon | 28-1 | 20642802 | 21279059 | 21303776 | 21075212 | 1.78 | cps |
| Silver | 107-1 | 15415 | 15358 | 15425 | 15399 | 0.23 | cps |
| Silver | 109-1 | 14881 | 14514 | 14824 | 14740 | 1.34 | cps |
| Sodium | 23-2 | 5337028 | 5381899 | 5314183 | 5344370 | 0.64 | cps |
| Strontium | 86-1 | 371289 | 379717 | 381926 | 377644 | 1.49 | cps |
| Strontium | 88-1 | 3312962 | 3393549 | 3420976 | 3375829 | 1.66 | cps |
| Sulfur | 34-1 | 231532 | 232941 | 233131 | 232535 | 0.38 | cps |
| Terbium | 159-1 | 18116106 | 17139420 | 17037649 | 17431058 | 3.42 | cps |
| Terbium | 159-2 | 11865693 | 11918475 | 11935600 | 11906589 | 0.31 | cps |
| Thallium | 203-1 | 4708 | 4884 | 5098 | 4896 | 3.99 | cps |
| Thallium | 205-1 | 11545 | 11612 | 12055 | 11737 | 2.36 | cps |
| Tin | 118-1 | 548814 | 560883 | 560932 | 556876 | 1.25 | cps |
| Titanium | 47-1 | 552126 | 565316 | 570240 | 562560 | 1.66 | cps |

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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 |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1547096 | 1535893 | 1524347 | 1535779 | 0.74 | cps |
| Antimony | 121-1 | 563634 | 563218 | 562884 | 563245 | 0.07 | cps |
| Arsenic | 75-2 | 116244 | 115051 | 115827 | 115708 | 0.52 | cps |
| Barium | 135-1 | 268398 | 272788 | 266817 | 269334 | 1.15 | cps |
| Barium | 137-1 | 473348 | 472279 | 467820 | 471149 | 0.62 | cps |
| Beryllium | 9-1 | 323 | 380 | 420 | 374 | 12.97 | cps |
| Bismuth | 209-1 | 10308163 | 10434138 | 10257319 | 10333206 | 0.88 | cps |
| Bismuth | 209-2 | 8429339 | 8466967 | 8485739 | 8460681 | 0.34 | cps |
| Bromine | 81-1 | 50827 | 52436 | 54243 | 52502 | 3.25 | cps |
| Bromine | 81-2 | 8172 | 8092 | 8372 | 8212 | 1.76 | cps |
| Cadmium | 108-1 | 383 | 407 | 377 | 389 | 4.05 | cps |
| Cadmium | 106-1 | 5404 | 5154 | 5048 | 5202 | 3.52 | cps |
| Cadmium | 111-1 | 5100 | 5126 | 4895 | 5040 | 2.51 | cps |
| Calcium | 43-1 | 2183001 | 2186986 | 2168925 | 2179637 | 0.44 | cps |
| Calcium | 44-1 | 34857039 | 34724936 | 34957108 | 34846361 | 0.33 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 86422 | 86801 | 85715 | 86313 | 0.64 | cps |
| Cobalt | 59-2 | 218080 | 219172 | 218947 | 218733 | 0.26 | cps |
| Copper | 63-2 | 1915286 | 1924403 | 1914526 | 1918072 | 0.29 | cps |
| Dysprosium | 156-1 | 21637 | 22555 | 22087 | 22093 | 2.08 | cps |
| Dysprosium | 156-2 | 18662 | 18509 | 18486 | 18552 | 0.52 | cps |
| Erbium | 164-1 | 20125 | 20024 | 19934 | 20028 | 0.48 | cps |
| Erbium | 164-2 | 14244 | 14354 | 14241 | 14280 | 0.45 | cps |
| Gadolinium | 160-1 | 22391 | 22325 | 22375 | 22363 | 0.16 | cps |
| Gadolinium | 160-2 | 16874 | 16747 | 17127 | 16916 | 1.15 | cps |
| Holmium | 165-1 | 16754509 | 16425786 | 16690743 | 16623679 | 1.05 | cps |
| Holmium | 165-2 | 11832346 | 11799959 | 11653098 | 11761801 | 0.81 | cps |
| Indium | 115-1 | 13305526 | 13243737 | 13346309 | 13298524 | 0.39 | cps |
| Indium | 115-2 | 4885742 | 4787560 | 4844628 | 4839310 | 1.02 | cps |
| Iron | 56-2 | 103625728 | 102723898 | 103039942 | 103129856 | 0.44 | cps |
| Iron | 57-2 | 2646372 | 2607255 | 2587965 | 2613864 | 1.14 | cps |
| Iron | 54-2 | 5661427 | 5586761 | 5612152 | 5620113 | 0.68 | cps |
| Krypton | 83-1 | 213 | 277 | 230 | 240 | 13.68 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3327054 | 3323064 | 3290540 | 3313552 | 0.60 | cps |
| Lead | 207-1 | 2896638 | 2922075 | 2875041 | 2897918 | 0.81 | cps |
| Lead | 208-1 | 13197985 | 13250620 | 13073071 | 13173892 | 0.69 | cps |
| Lithium | 6-1 | 2040321 | 1994293 | 2009175 | 2014596 | 1.17 | cps |
| Magnesium | 24-2 | 1814289 | 1814012 | 1805007 | 1811103 | 0.29 | cps |
| Manganese | 55-2 | 964140 | 959015 | 958281 | 960479 | 0.33 | cps |
| Molybdenum | 94-1 | 23489 | 23462 | 23489 | 23480 | 0.07 | cps |
| Molybdenum | 95-1 | 21466 | 21356 | 21556 | 21459 | 0.47 | cps |
| Molybdenum | 96-1 | 26320 | 26471 | 26541 | 26444 | 0.43 | cps |
| Molybdenum | 97-1 | 13503 | 13747 | 13827 | 13692 | 1.23 | cps |
| Molybdenum | 98-1 | 35694 | 35590 | 35643 | 35642 | 0.15 | cps |
| Neodymium | 150-1 | 36206 | 35688 | 35565 | 35820 | 0.95 | cps |
| Neodymium | 150-2 | 21513 | 21630 | 21486 | 21543 | 0.35 | cps |
| Nickel | 60-2 | 29519 | 29589 | 29275 | 29461 | 0.56 | cps |
| Phosphorus | 31-2 | 10630 | 10584 | 10254 | 10489 | 1.96 | cps |
| Potassium | 39-2 | 975602 | 969821 | 972584 | 972669 | 0.30 | cps |
| Rhodium | 103-1 | 12032642 | 11836313 | 11848068 | 11905674 | 0.92 | cps |
| Rhodium | 103-2 | 7047633 | 7071740 | 7055160 | 7058178 | 0.17 | cps |
| Scandium | 45-1 | 6821090 | 6636778 | 6682393 | 6713421 | 1.43 | cps |
| Scandium | 45-2 | 579998 | 577442 | 579655 | 579032 | 0.24 | cps |
| Selenium | 82-1 | 335 | 244 | 232 | 270 | 20.80 | cps |
| Selenium | 77-2 | 57 | 100 | 23 | 60 | 64.07 | cps |
| Selenium | 78-2 | 373 | 437 | 443 | 418 | 9.25 | cps |
| Silicon | 28-1 | 27202065 | 29436160 | 27719653 | 28119293 | 4.16 | cps |
| Silver | 107-1 | 21152 | 21773 | 20878 | 21268 | 2.16 | cps |
| Silver | 109-1 | 19981 | 20868 | 20338 | 20396 | 2.19 | cps |
| Sodium | 23-2 | 6743327 | 6626831 | 6681214 | 6683791 | 0.87 | cps |
| Strontium | 86-1 | 2354052 | 2358716 | 2395873 | 2369547 | 0.97 | cps |
| Strontium | 88-1 | 20678090 | 20697616 | 20479775 | 20618494 | 0.58 | cps |
| Sulfur | 34-1 | 262525 | 262610 | 263932 | 263022 | 0.30 | cps |
| Terbium | 159-1 | 17168431 | 16846330 | 16864018 | 16959593 | 1.07 | cps |
| Terbium | 159-2 | 11608918 | 11552249 | 11508235 | 11556467 | 0.44 | cps |
| Thallium | 203-1 | 3107 | 3080 | 3157 | 3115 | 1.25 | cps |
| Thallium | 205-1 | 7182 | 7159 | 7232 | 7191 | 0.52 | cps |
| Tin | 118-1 | 331860 | 330040 | 329221 | 330374 | 0.41 | cps |
| Titanium | 47-1 | 389465 | 386456 | 386852 | 387591 | 0.42 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 47381 | 48438 | 47692 | 47837 | 1.14 | cps |
| Vanadium | 51-2 | 95261 | 95026 | 95077 | 95122 | 0.13 | cps |
| Yttrium | 89-1 | 20183897 | 20005032 | 19902916 | 20030615 | 0.71 | cps |
| Yttrium | 89-2 | 5380654 | 5348833 | 5388968 | 5372818 | 0.39 | cps |
| Zinc | 66-2 | 1433442 | 1423402 | 1426427 | 1427757 | 0.36 | cps |
| Zirconium | 90-1 | 30715 | 31544 | 31484 | 31248 | 1.48 | cps |
| Zirconium | 91-1 | 7135 | 7032 | 7148 | 7105 | 0.90 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2051919 | 2007116 | 2096668 | 2051901 | 2.18 | cps |
| Antimony | 121-1 | 1347090 | 1386673 | 1383995 | 1372586 | 1.61 | cps |
| Arsenic | 75-2 | 627954 | 626524 | 637575 | 630684 | 0.95 | cps |
| Barium | 135-1 | 201089 | 209794 | 204434 | 205106 | 2.14 | cps |
| Barium | 137-1 | 351135 | 360955 | 360806 | 357632 | 1.57 | cps |
| Beryllium | 9-1 | 773 | 753 | 907 | 811 | 10.28 | cps |
| Bismuth | 209-1 | 11203017 | 10562652 | 10354657 | 10706775 | 4.13 | cps |
| Bismuth | 209-2 | 8619310 | 8620954 | 8681726 | 8640663 | 0.41 | cps |
| Bromine | 81-1 | 35386 | 34707 | 35787 | 35293 | 1.55 | cps |
| Bromine | 81-2 | 4187 | 4514 | 4404 | 4368 | 3.81 | cps |
| Cadmium | 108-1 | 787 | 660 | 780 | 742 | 9.60 | cps |
| Cadmium | 106-1 | 5998 | 5848 | 5778 | 5875 | 1.91 | cps |
| Cadmium | 111-1 | 7678 | 8320 | 8113 | 8037 | 4.08 | cps |
| Calcium | 43-1 | 209018 | 218781 | 218476 | 215425 | 2.58 | cps |
| Calcium | 44-1 | 3275852 | 3426574 | 3447471 | 3383299 | 2.77 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 155077 | 156832 | 155701 | 155870 | 0.57 | cps |
| Cobalt | 59-2 | 365530 | 364582 | 365905 | 365339 | 0.19 | cps |
| Copper | 63-2 | 2327411 | 2356561 | 2358495 | 2347489 | 0.74 | cps |
| Dysprosium | 156-1 | 28973 | 28983 | 29371 | 29109 | 0.78 | cps |
| Dysprosium | 156-2 | 23847 | 24475 | 24809 | 24377 | 2.00 | cps |
| Erbium | 164-1 | 28118 | 28355 | 28753 | 28409 | 1.13 | cps |
| Erbium | 164-2 | 20004 | 20592 | 20942 | 20513 | 2.31 | cps |
| Gadolinium | 160-1 | 28850 | 30079 | 29825 | 29585 | 2.19 | cps |
| Gadolinium | 160-2 | 22728 | 22662 | 22812 | 22734 | 0.33 | cps |
| Holmium | 165-1 | 18022561 | 16809658 | 16714057 | 17182092 | 4.25 | cps |
| Holmium | 165-2 | 11955151 | 12109409 | 12072960 | 12045840 | 0.67 | cps |
| Indium | 115-1 | 14820602 | 14134397 | 13790092 | 14248364 | 3.68 | cps |
| Indium | 115-2 | 5161720 | 5214395 | 5259264 | 5211793 | 0.94 | cps |
| Iron | 56-2 | 207863117 | 208624710 | 208738570 | 208408799 | 0.23 | cps |
| Iron | 57-2 | 5136108 | 5140003 | 5168938 | 5148350 | 0.35 | cps |
| Iron | 54-2 | 11290358 | 11366438 | 11355516 | 11337437 | 0.36 | cps |
| Krypton | 83-1 | 293 | 213 | 280 | 262 | 16.34 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8661039 | 8939573 | 8886807 | 8829140 | 1.68 | cps |
| Lead | 207-1 | 7631468 | 7758340 | 7737835 | 7709214 | 0.88 | cps |
| Lead | 208-1 | 34885784 | 35579041 | 35353427 | 35272751 | 1.00 | cps |
| Lithium | 6-1 | 2163960 | 2020789 | 1989933 | 2058227 | 4.51 | cps |
| Magnesium | 24-2 | 2157334 | 2117631 | 2165350 | 2146772 | 1.19 | cps |
| Manganese | 55-2 | 1460784 | 1466579 | 1487048 | 1471470 | 0.94 | cps |
| Molybdenum | 94-1 | 161566 | 170307 | 169471 | 167115 | 2.89 | cps |
| Molybdenum | 95-1 | 274504 | 282978 | 284519 | 280667 | 1.92 | cps |
| Molybdenum | 96-1 | 299157 | 308514 | 309891 | 305854 | 1.91 | cps |
| Molybdenum | 97-1 | 173534 | 177301 | 178918 | 176584 | 1.56 | cps |
| Molybdenum | 98-1 | 443392 | 460392 | 462989 | 455591 | 2.34 | cps |
| Neodymium | 150-1 | 42424 | 43791 | 42848 | 43021 | 1.63 | cps |
| Neodymium | 150-2 | 26355 | 26291 | 25784 | 26143 | 1.20 | cps |
| Nickel | 60-2 | 64149 | 64554 | 64501 | 64402 | 0.34 | cps |
| Phosphorus | 31-2 | 12095 | 12165 | 12325 | 12195 | 0.97 | cps |
| Potassium | 39-2 | 1636618 | 1633159 | 1659321 | 1643033 | 0.86 | cps |
| Rhodium | 103-1 | 12885802 | 12196635 | 12383506 | 12488648 | 2.85 | cps |
| Rhodium | 103-2 | 7433904 | 7455099 | 7359829 | 7416277 | 0.67 | cps |
| Scandium | 45-1 | 7404171 | 7077714 | 7039260 | 7173715 | 2.79 | cps |
| Scandium | 45-2 | 615689 | 612778 | 618354 | 615607 | 0.45 | cps |
| Selenium | 82-1 | 273 | 280 | 187 | 247 | 20.92 | cps |
| Selenium | 77-2 | 90 | 80 | 77 | 82 | 8.44 | cps |
| Selenium | 78-2 | 530 | 493 | 603 | 542 | 10.33 | cps |
| Silicon | 28-1 | 58196882 | 60958884 | 59583654 | 59579807 | 2.32 | cps |
| Silver | 107-1 | 13627 | 13633 | 14247 | 13836 | 2.58 | cps |
| Silver | 109-1 | 12405 | 13143 | 13229 | 12926 | 3.50 | cps |
| Sodium | 23-2 | 7539797 | 7405548 | 7546757 | 7497367 | 1.06 | cps |
| Strontium | 86-1 | 211474 | 220905 | 218530 | 216970 | 2.26 | cps |
| Strontium | 88-1 | 1891836 | 1988457 | 1964130 | 1948141 | 2.58 | cps |
| Sulfur | 34-1 | 216839 | 220951 | 217644 | 218478 | 1.00 | cps |
| Terbium | 159-1 | 18575541 | 17263517 | 17174758 | 17671272 | 4.44 | cps |
| Terbium | 159-2 | 11851347 | 11806058 | 11902496 | 11853300 | 0.41 | cps |
| Thallium | 203-1 | 10381 | 10671 | 10818 | 10623 | 2.09 | cps |
| Thallium | 205-1 | 25581 | 24906 | 25708 | 25398 | 1.70 | cps |
| Tin | 118-1 | 445643 | 465545 | 465274 | 458820 | 2.49 | cps |
| Titanium | 47-1 | 236373 | 244940 | 249055 | 243456 | 2.66 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 54116 | 56172 | 54301 | 54863 | 2.07 | cps |
| Vanadium | 51-2 | 126743 | 125681 | 127230 | 126551 | 0.63 | cps |
| Yttrium | 89-1 | 21718046 | 20662344 | 20574248 | 20984879 | 3.03 | cps |
| Yttrium | 89-2 | 5676275 | 5664766 | 5714748 | 5685263 | 0.46 | cps |
| Zinc | 66-2 | 2651188 | 2661545 | 2702043 | 2671592 | 1.01 | cps |
| Zirconium | 90-1 | 22110 | 23052 | 26607 | 23923 | 9.91 | cps |
| Zirconium | 91-1 | 5524 | 5644 | 6125 | 5765 | 5.51 | cps |

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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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:26:30 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 690122 | 691937 | 694474 | 692178 | 0.32 | cps |
| Lead | 207-1 | 596580 | 597620 | 600703 | 598301 | 0.36 | cps |
| Lead | 208-1 | 2726256 | 2724217 | 2728966 | 2726480 | 0.09 | cps |
| Lithium | 6-1 | 2019107 | 1973969 | 1992236 | 1995104 | 1.14 | cps |
| Magnesium | 24-2 | 1650478 | 1663595 | 1666511 | 1660195 | 0.51 | cps |
| Manganese | 55-2 | 510269 | 507039 | 507229 | 508179 | 0.36 | cps |
| Molybdenum | 94-1 | 27276 | 28060 | 27897 | 27744 | 1.49 | cps |
| Molybdenum | 95-1 | 12389 | 12586 | 12926 | 12633 | 2.15 | cps |
| Molybdenum | 96-1 | 17527 | 17841 | 16876 | 17415 | 2.83 | cps |
| Molybdenum | 97-1 | 7652 | 7906 | 8066 | 7874 | 2.65 | cps |
| Molybdenum | 98-1 | 20144 | 20501 | 20815 | 20487 | 1.64 | cps |
| Neodymium | 150-1 | 40628 | 41397 | 40444 | 40823 | 1.24 | cps |
| Neodymium | 150-2 | 25189 | 24027 | 24919 | 24712 | 2.46 | cps |
| Nickel | 60-2 | 35769 | 35643 | 35742 | 35718 | 0.19 | cps |
| Phosphorus | 31-2 | 11484 | 11681 | 11631 | 11599 | 0.88 | cps |
| Potassium | 39-2 | 667370 | 667350 | 667268 | 667329 | 0.01 | cps |
| Rhodium | 103-1 | 12576922 | 12025378 | 12141754 | 12248018 | 2.37 | cps |
| Rhodium | 103-2 | 7296579 | 7355022 | 7295263 | 7315622 | 0.47 | cps |
| Scandium | 45-1 | 7010503 | 6935192 | 6776960 | 6907552 | 1.73 | cps |
| Scandium | 45-2 | 594649 | 591235 | 592153 | 592679 | 0.30 | cps |
| Selenium | 82-1 | 293 | 267 | 295 | 285 | 5.41 | cps |
| Selenium | 77-2 | 83 | 87 | 73 | 81 | 8.56 | cps |
| Selenium | 78-2 | 480 | 470 | 450 | 467 | 3.27 | cps |
| Silicon | 28-1 | 5215225 | 5170016 | 5250248 | 5211830 | 0.77 | cps |
| Silver | 107-1 | 8546 | 8196 | 8656 | 8466 | 2.84 | cps |
| Silver | 109-1 | 8039 | 7635 | 7836 | 7837 | 2.57 | cps |
| Sodium | 23-2 | 5435831 | 5419799 | 5468358 | 5441329 | 0.45 | cps |
| Strontium | 86-1 | 259394 | 262370 | 259461 | 260408 | 0.65 | cps |
| Strontium | 88-1 | 2321593 | 2351905 | 2331591 | 2335030 | 0.66 | cps |
| Sulfur | 34-1 | 262189 | 266513 | 265997 | 264900 | 0.89 | cps |
| Terbium | 159-1 | 17456545 | 17071504 | 17022815 | 17183621 | 1.38 | cps |
| Terbium | 159-2 | 11904505 | 11629366 | 11615996 | 11716622 | 1.39 | cps |
| Thallium | 203-1 | 2894 | 3134 | 3064 | 3030 | 4.07 | cps |
| Thallium | 205-1 | 6795 | 7055 | 6959 | 6936 | 1.90 | cps |
| Tin | 118-1 | 58555 | 58719 | 58605 | 58626 | 0.14 | cps |
| Titanium | 47-1 | 795009 | 796885 | 788619 | 793504 | 0.55 | cps |

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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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:29:41 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| 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 |

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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:32:42 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5900856 | 5872054 | 5806293 | 5859734 | 0.83 | cps |
| Antimony | 121-1 | 37862864 | 38485671 | 38282964 | 38210500 | 0.83 | cps |
| Arsenic | 75-2 | 5499653 | 5489292 | 5598032 | 5528992 | 1.09 | cps |
| Barium | 135-1 | 969847 | 987800 | 982301 | 979983 | 0.94 | cps |
| Barium | 137-1 | 1735911 | 1794920 | 1778343 | 1769725 | 1.72 | cps |
| Beryllium | 9-1 | 2777 | 2714 | 2757 | 2749 | 1.18 | cps |
| Bismuth | 209-1 | 10776620 | 10725360 | 10475783 | 10659254 | 1.51 | cps |
| Bismuth | 209-2 | 8855443 | 8822269 | 8674774 | 8784162 | 1.09 | cps |
| Bromine | 81-1 | 46282 | 47590 | 48402 | 47425 | 2.26 | cps |
| Bromine | 81-2 | 6738 | 7038 | 6922 | 6899 | 2.19 | cps |
| Cadmium | 108-1 | 5204 | 5024 | 4968 | 5065 | 2.44 | cps |
| Cadmium | 106-1 | 11832 | 11618 | 11551 | 11667 | 1.25 | cps |
| Cadmium | 111-1 | 43533 | 44435 | 43550 | 43839 | 1.18 | cps |
| Calcium | 43-1 | 1522901 | 1518353 | 1499108 | 1513454 | 0.83 | cps |
| Calcium | 44-1 | 24145696 | 24403577 | 24290893 | 24280055 | 0.53 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 902025 | 899496 | 900484 | 900668 | 0.14 | cps |
| Cobalt | 59-2 | 2127103 | 2140580 | 2152428 | 2140037 | 0.59 | cps |
| Copper | 63-2 | 18503538 | 18330762 | 18369687 | 18401329 | 0.49 | cps |
| Dysprosium | 156-1 | 39469 | 40435 | 40023 | 39976 | 1.21 | cps |
| Dysprosium | 156-2 | 34158 | 34603 | 34309 | 34356 | 0.66 | cps |
| Erbium | 164-1 | 40278 | 40686 | 39733 | 40232 | 1.19 | cps |
| Erbium | 164-2 | 29528 | 28563 | 28903 | 28998 | 1.69 | cps |
| Gadolinium | 160-1 | 38931 | 40288 | 39619 | 39613 | 1.71 | cps |
| Gadolinium | 160-2 | 29835 | 30122 | 30510 | 30156 | 1.12 | cps |
| Holmium | 165-1 | 16849843 | 16897672 | 16786229 | 16844581 | 0.33 | cps |
| Holmium | 165-2 | 12208974 | 12187090 | 11846682 | 12080916 | 1.68 | cps |
| Indium | 115-1 | 16614154 | 16462517 | 16396106 | 16490926 | 0.68 | cps |
| Indium | 115-2 | 6138778 | 6071079 | 6142679 | 6117512 | 0.66 | cps |
| Iron | 56-2 | 1137700863 | 1135604810 | 1135314596 | 1136206756 | 0.11 | cps |
| Iron | 57-2 | 28441135 | 28207550 | 28221612 | 28290099 | 0.46 | cps |
| Iron | 54-2 | 61636354 | 61997507 | 62311924 | 61981929 | 0.55 | cps |
| Krypton | 83-1 | 303 | 330 | 323 | 319 | 4.35 | cps |

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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 | 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 |

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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 | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 347110 | 353743 | 352711 | 351188 | 1.02 | cps |
| Vanadium | 51-2 | 276024 | 274538 | 274813 | 275125 | 0.29 | cps |
| Yttrium | 89-1 | 21328901 | 21118198 | 21030623 | 21159241 | 0.72 | cps |
| Yttrium | 89-2 | 5833475 | 5894298 | 5868671 | 5865481 | 0.52 | cps |
| Zinc | 66-2 | 16493044 | 16424745 | 16391524 | 16436438 | 0.31 | cps |
| Zirconium | 90-1 | 386603 | 392236 | 394713 | 391184 | 1.06 | cps |
| Zirconium | 91-1 | 94894 | 95495 | 94841 | 95076 | 0.38 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3020663 | 3047068 | 3009646 | 3025792 | 0.64 | cps |
| Antimony | 121-1 | 6883225 | 6932354 | 6897761 | 6904447 | 0.37 | cps |
| Arsenic | 75-2 | 470734 | 468153 | 467158 | 468682 | 0.39 | cps |
| Barium | 135-1 | 275324 | 281855 | 282133 | 279771 | 1.38 | cps |
| Barium | 137-1 | 485611 | 483961 | 488475 | 486016 | 0.47 | cps |
| Beryllium | 9-1 | 630 | 653 | 697 | 660 | 5.13 | cps |
| Bismuth | 209-1 | 10560217 | 10473951 | 10393388 | 10475852 | 0.80 | cps |
| Bismuth | 209-2 | 8653879 | 8715774 | 8733797 | 8701150 | 0.48 | cps |
| Bromine | 81-1 | 34544 | 36381 | 36706 | 35877 | 3.25 | cps |
| Bromine | 81-2 | 4587 | 4287 | 4224 | 4366 | 4.45 | cps |
| Cadmium | 108-1 | 450 | 573 | 507 | 510 | 12.11 | cps |
| Cadmium | 106-1 | 5835 | 5808 | 5424 | 5689 | 4.03 | cps |
| Cadmium | 111-1 | 4433 | 4469 | 4591 | 4497 | 1.84 | cps |
| Calcium | 43-1 | 191243 | 193746 | 192494 | 192494 | 0.65 | cps |
| Calcium | 44-1 | 2929912 | 3002342 | 2992198 | 2974817 | 1.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 179369 | 178141 | 178344 | 178618 | 0.37 | cps |
| Cobalt | 59-2 | 341827 | 340135 | 341094 | 341019 | 0.25 | cps |
| Copper | 63-2 | 1714570 | 1681194 | 1716545 | 1704103 | 1.17 | cps |
| Dysprosium | 156-1 | 22742 | 23022 | 23112 | 22959 | 0.84 | cps |
| Dysprosium | 156-2 | 19073 | 19390 | 18626 | 19030 | 2.02 | cps |
| Erbium | 164-1 | 21911 | 22315 | 22719 | 22315 | 1.81 | cps |
| Erbium | 164-2 | 15956 | 15729 | 15999 | 15895 | 0.91 | cps |
| Gadolinium | 160-1 | 23299 | 23500 | 23213 | 23337 | 0.63 | cps |
| Gadolinium | 160-2 | 18282 | 17825 | 18482 | 18196 | 1.85 | cps |
| Holmium | 165-1 | 17249842 | 17131251 | 16870831 | 17083975 | 1.13 | cps |
| Holmium | 165-2 | 12038742 | 12168847 | 12187891 | 12131827 | 0.67 | cps |
| Indium | 115-1 | 14592976 | 14324674 | 14215907 | 14377852 | 1.35 | cps |
| Indium | 115-2 | 5418641 | 5335055 | 5343435 | 5365710 | 0.86 | cps |
| Iron | 56-2 | 218198057 | 218499250 | 215813910 | 217503739 | 0.68 | cps |
| Iron | 57-2 | 5386144 | 5365382 | 5345708 | 5365745 | 0.38 | cps |
| Iron | 54-2 | 11800861 | 11878736 | 11724811 | 11801469 | 0.65 | cps |
| Krypton | 83-1 | 240 | 277 | 207 | 241 | 14.52 | cps |

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

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5580901 | 5568196 | 5545522 | 5564873 | 0.32 | cps |
| Antimony | 121-1 | 32041142 | 31998133 | 32155412 | 32064896 | 0.25 | cps |
| Arsenic | 75-2 | 3596853 | 3617194 | 3618791 | 3610946 | 0.34 | cps |
| Barium | 135-1 | 2259430 | 2261706 | 2263707 | 2261614 | 0.09 | cps |
| Barium | 137-1 | 3907629 | 3940776 | 3900609 | 3916338 | 0.55 | cps |
| Beryllium | 9-1 | 1800 | 1900 | 1990 | 1897 | 5.01 | cps |
| Bismuth | 209-1 | 10706983 | 10358445 | 10393409 | 10486279 | 1.83 | cps |
| Bismuth | 209-2 | 8835922 | 8639873 | 8643994 | 8706596 | 1.29 | cps |
| Bromine | 81-1 | 45798 | 47957 | 49974 | 47910 | 4.36 | cps |
| Bromine | 81-2 | 7385 | 7008 | 6845 | 7080 | 3.91 | cps |
| Cadmium | 108-1 | 3054 | 2934 | 3080 | 3023 | 2.59 | cps |
| Cadmium | 106-1 | 9797 | 10097 | 9487 | 9793 | 3.12 | cps |
| Cadmium | 111-1 | 20912 | 21785 | 21122 | 21273 | 2.14 | cps |
| Calcium | 43-1 | 2435749 | 2494766 | 2482649 | 2471054 | 1.26 | cps |
| Calcium | 44-1 | 39273417 | 39561733 | 39768741 | 39534630 | 0.63 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 257566 | 257109 | 258821 | 257832 | 0.34 | cps |
| Cobalt | 59-2 | 1164183 | 1165368 | 1164138 | 1164563 | 0.06 | cps |
| Copper | 63-2 | 13945089 | 14049790 | 13987151 | 13994010 | 0.38 | cps |
| Dysprosium | 156-1 | 27681 | 28736 | 28035 | 28151 | 1.91 | cps |
| Dysprosium | 156-2 | 23794 | 23383 | 23767 | 23648 | 0.97 | cps |
| Erbium | 164-1 | 29785 | 30837 | 30737 | 30453 | 1.91 | cps |
| Erbium | 164-2 | 22441 | 22435 | 22448 | 22441 | 0.03 | cps |
| Gadolinium | 160-1 | 28679 | 29134 | 28439 | 28751 | 1.23 | cps |
| Gadolinium | 160-2 | 22054 | 22198 | 22592 | 22281 | 1.25 | cps |
| Holmium | 165-1 | 17229425 | 16712665 | 16881888 | 16941326 | 1.56 | cps |
| Holmium | 165-2 | 12068194 | 12160230 | 12002103 | 12076842 | 0.66 | cps |
| Indium | 115-1 | 18362346 | 18227799 | 18290750 | 18293632 | 0.37 | cps |
| Indium | 115-2 | 6836840 | 6752785 | 6825873 | 6805166 | 0.67 | cps |
| Iron | 56-2 | 732405109 | 729075456 | 732558736 | 731346434 | 0.27 | cps |
| Iron | 57-2 | 17989879 | 18101986 | 18054926 | 18048930 | 0.31 | cps |
| Iron | 54-2 | 39616799 | 39526204 | 39645035 | 39596013 | 0.16 | cps |
| Krypton | 83-1 | 263 | 297 | 303 | 288 | 7.45 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 47765664 | 48350174 | 48380514 | 48165451 | 0.72 | cps |
| Lead | 207-1 | 42500992 | 42772999 | 42604990 | 42626327 | 0.32 | cps |
| Lead | 208-1 | 192593998 | 194433982 | 193840516 | 193622832 | 0.49 | cps |
| Lithium | 6-1 | 2020135 | 1992236 | 1996865 | 2003079 | 0.75 | cps |
| Magnesium | 24-2 | 4455078 | 4451487 | 4488105 | 4464890 | 0.45 | cps |
| Manganese | 55-2 | 5894895 | 5870860 | 5880997 | 5882250 | 0.21 | cps |
| Molybdenum | 94-1 | 578111 | 587790 | 583911 | 583271 | 0.84 | cps |
| Molybdenum | 95-1 | 764885 | 777721 | 777046 | 773218 | 0.93 | cps |
| Molybdenum | 96-1 | 849482 | 866909 | 873643 | 863345 | 1.44 | cps |
| Molybdenum | 97-1 | 480146 | 486154 | 486548 | 484283 | 0.74 | cps |
| Molybdenum | 98-1 | 1235749 | 1258156 | 1260856 | 1251587 | 1.10 | cps |
| Neodymium | 150-1 | 40876 | 41524 | 40899 | 41100 | 0.90 | cps |
| Neodymium | 150-2 | 25436 | 24942 | 24732 | 25037 | 1.44 | cps |
| Nickel | 60-2 | 169714 | 170530 | 170304 | 170183 | 0.25 | cps |
| Phosphorus | 31-2 | 16446 | 16773 | 16883 | 16700 | 1.36 | cps |
| Potassium | 39-2 | 2832467 | 2882014 | 2879409 | 2864630 | 0.97 | cps |
| Rhodium | 103-1 | 12864801 | 12451107 | 12431843 | 12582584 | 1.94 | cps |
| Rhodium | 103-2 | 7473363 | 7460818 | 7398849 | 7444343 | 0.54 | cps |
| Scandium | 45-1 | 7490665 | 7213244 | 7296081 | 7333330 | 1.94 | cps |
| Scandium | 45-2 | 644552 | 647536 | 650535 | 647541 | 0.46 | cps |
| Selenium | 82-1 | 1024 | 1084 | 1039 | 1049 | 2.96 | cps |
| Selenium | 77-2 | 130 | 117 | 167 | 138 | 18.79 | cps |
| Selenium | 78-2 | 783 | 753 | 853 | 797 | 6.44 | cps |
| Silicon | 28-1 | 24639550 | 25321735 | 25002685 | 24987990 | 1.37 | cps |
| Silver | 107-1 | 110590 | 113382 | 112609 | 112194 | 1.28 | cps |
| Silver | 109-1 | 105916 | 107535 | 106688 | 106713 | 0.76 | cps |
| Sodium | 23-2 | 12439963 | 12321379 | 12434603 | 12398649 | 0.54 | cps |
| Strontium | 86-1 | 1877862 | 1942644 | 1940190 | 1920232 | 1.91 | cps |
| Strontium | 88-1 | 16243987 | 16595776 | 16745493 | 16528419 | 1.56 | cps |
| Sulfur | 34-1 | 350476 | 357237 | 359350 | 355688 | 1.30 | cps |
| Terbium | 159-1 | 17808557 | 17206773 | 17431083 | 17482138 | 1.74 | cps |
| Terbium | 159-2 | 12077535 | 11835049 | 11883325 | 11931970 | 1.08 | cps |
| Thallium | 203-1 | 17238 | 17351 | 17401 | 17330 | 0.48 | cps |
| Thallium | 205-1 | 40116 | 40577 | 40557 | 40417 | 0.65 | cps |
| Tin | 118-1 | 8764709 | 8913601 | 8779335 | 8819215 | 0.93 | cps |
| Titanium | 47-1 | 1014801 | 1028719 | 1040166 | 1027895 | 1.24 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 160424 | 164141 | 163834 | 162800 | 1.27 | cps |
| Vanadium | 51-2 | 246937 | 245508 | 247504 | 246650 | 0.42 | cps |
| Yttrium | 89-1 | 21387262 | 20950009 | 21017403 | 21118225 | 1.11 | cps |
| Yttrium | 89-2 | 5845897 | 5812348 | 5783950 | 5814065 | 0.53 | cps |
| Zinc | 66-2 | 15974894 | 16004588 | 15973364 | 15984282 | 0.11 | cps |
| Zirconium | 90-1 | 379865 | 389711 | 392589 | 387389 | 1.72 | cps |
| Zirconium | 91-1 | 88803 | 92090 | 91533 | 90809 | 1.94 | cps |

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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 |

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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 |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 525565 | 523575 | 527705 | 525615 | 0.39 | cps |
| Lead | 207-1 | 446066 | 449536 | 453834 | 449812 | 0.87 | cps |
| Lead | 208-1 | 2064148 | 2066276 | 2076622 | 2069015 | 0.32 | cps |
| Lithium | 6-1 | 2005596 | 2035735 | 1993875 | 2011736 | 1.07 | cps |
| Magnesium | 24-2 | 3582271 | 3514226 | 3507576 | 3534691 | 1.17 | cps |
| Manganese | 55-2 | 1298683 | 1280749 | 1275733 | 1285055 | 0.94 | cps |
| Molybdenum | 94-1 | 29389 | 30111 | 30211 | 29904 | 1.50 | cps |
| Molybdenum | 95-1 | 6972 | 7122 | 7032 | 7042 | 1.07 | cps |
| Molybdenum | 96-1 | 12759 | 13573 | 13406 | 13246 | 3.25 | cps |
| Molybdenum | 97-1 | 4347 | 4481 | 4788 | 4539 | 4.97 | cps |
| Molybdenum | 98-1 | 11101 | 11718 | 11041 | 11287 | 3.32 | cps |
| Neodymium | 150-1 | 35368 | 34622 | 35040 | 35010 | 1.07 | cps |
| Neodymium | 150-2 | 21767 | 21710 | 20932 | 21470 | 2.17 | cps |
| Nickel | 60-2 | 92811 | 93281 | 93080 | 93057 | 0.25 | cps |
| Phosphorus | 31-2 | 10167 | 9787 | 10150 | 10034 | 2.14 | cps |
| Potassium | 39-2 | 1379226 | 1375420 | 1383098 | 1379248 | 0.28 | cps |
| Rhodium | 103-1 | 12727371 | 12536604 | 12703843 | 12655939 | 0.82 | cps |
| Rhodium | 103-2 | 7744626 | 7681464 | 7643655 | 7689915 | 0.66 | cps |
| Scandium | 45-1 | 7436081 | 7382253 | 7404241 | 7407525 | 0.37 | cps |
| Scandium | 45-2 | 656263 | 656441 | 646667 | 653124 | 0.86 | cps |
| Selenium | 82-1 | 290 | 285 | 233 | 269 | 11.83 | cps |
| Selenium | 77-2 | 90 | 70 | 63 | 74 | 18.64 | cps |
| Selenium | 78-2 | 583 | 523 | 540 | 549 | 5.64 | cps |
| Silicon | 28-1 | 5826911 | 5770876 | 5784715 | 5794167 | 0.50 | cps |
| Silver | 107-1 | 3140 | 2794 | 2784 | 2906 | 6.99 | cps |
| Silver | 109-1 | 2854 | 2617 | 2447 | 2639 | 7.74 | cps |
| Sodium | 23-2 | 4819812 | 4720630 | 4759971 | 4766804 | 1.05 | cps |
| Strontium | 86-1 | 137068 | 137041 | 139315 | 137808 | 0.95 | cps |
| Strontium | 88-1 | 1186908 | 1198249 | 1196801 | 1193986 | 0.52 | cps |
| Sulfur | 34-1 | 224667 | 221580 | 219889 | 222045 | 1.09 | cps |
| Terbium | 159-1 | 17191770 | 17167398 | 17146724 | 17168631 | 0.13 | cps |
| Terbium | 159-2 | 12046178 | 11948519 | 11870894 | 11955197 | 0.73 | cps |
| Thallium | 203-1 | 2287 | 2430 | 2334 | 2350 | 3.11 | cps |
| Thallium | 205-1 | 5561 | 5461 | 5324 | 5449 | 2.18 | cps |
| Tin | 118-1 | 69979 | 71295 | 70569 | 70614 | 0.93 | cps |
| Titanium | 47-1 | 498745 | 500914 | 502129 | 500596 | 0.34 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:42:34 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 15920 | 16073 | 15613 | 15868 | 1.48 | cps |
| Vanadium | 51-2 | 161365 | 161833 | 162409 | 161869 | 0.32 | cps |
| Yttrium | 89-1 | 21239093 | 21024640 | 21164153 | 21142629 | 0.51 | cps |
| Yttrium | 89-2 | 5868378 | 5880148 | 5815038 | 5854521 | 0.59 | cps |
| Zinc | 66-2 | 200719 | 200720 | 200672 | 200704 | 0.01 | cps |
| Zirconium | 90-1 | 69440 | 70070 | 70254 | 69921 | 0.61 | cps |
| Zirconium | 91-1 | 15375 | 15702 | 15775 | 15617 | 1.37 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1735846 | 1741548 | 1721002 | 1732799 | 0.61 | cps |
| Antimony | 121-1 | 33185 | 33743 | 33432 | 33453 | 0.84 | cps |
| Arsenic | 75-2 | 7719 | 8059 | 8022 | 7933 | 2.35 | cps |
| Barium | 135-1 | 37534 | 38335 | 37630 | 37833 | 1.16 | cps |
| Barium | 137-1 | 65403 | 65212 | 64495 | 65037 | 0.74 | cps |
| Beryllium | 9-1 | 270 | 323 | 353 | 316 | 13.37 | cps |
| Bismuth | 209-1 | 10183520 | 9615248 | 10293678 | 10030815 | 3.63 | cps |
| Bismuth | 209-2 | 8571068 | 8531172 | 8447903 | 8516714 | 0.74 | cps |
| Bromine | 81-1 | 30658 | 31607 | 31631 | 31299 | 1.77 | cps |
| Bromine | 81-2 | 3370 | 3460 | 3337 | 3389 | 1.88 | cps |
| Cadmium | 108-1 | 63 | 110 | 77 | 83 | 28.85 | cps |
| Cadmium | 106-1 | 4978 | 4821 | 5254 | 5018 | 4.37 | cps |
| Cadmium | 111-1 | 1204 | 1157 | 1261 | 1208 | 4.31 | cps |
| Calcium | 43-1 | 141458 | 140015 | 140025 | 140499 | 0.59 | cps |
| Calcium | 44-1 | 2216811 | 2234993 | 2181704 | 2211170 | 1.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 81582 | 82735 | 83044 | 82454 | 0.93 | cps |
| Cobalt | 59-2 | 54258 | 54117 | 53960 | 54112 | 0.28 | cps |
| Copper | 63-2 | 173587 | 169801 | 170074 | 171154 | 1.23 | cps |
| Dysprosium | 156-1 | 32698 | 33019 | 33139 | 32952 | 0.69 | cps |
| Dysprosium | 156-2 | 28375 | 28402 | 27965 | 28247 | 0.87 | cps |
| Erbium | 164-1 | 25380 | 26291 | 25660 | 25777 | 1.81 | cps |
| Erbium | 164-2 | 18355 | 18713 | 19020 | 18696 | 1.78 | cps |
| Gadolinium | 160-1 | 32287 | 32157 | 31786 | 32077 | 0.81 | cps |
| Gadolinium | 160-2 | 24481 | 24729 | 24622 | 24611 | 0.50 | cps |
| Holmium | 165-1 | 16863491 | 15733933 | 16870774 | 16489399 | 3.97 | cps |
| Holmium | 165-2 | 11940815 | 12075400 | 11941883 | 11986033 | 0.65 | cps |
| Indium | 115-1 | 13554582 | 12913936 | 13848497 | 13439005 | 3.56 | cps |
| Indium | 115-2 | 5120023 | 5034260 | 5033716 | 5062666 | 0.98 | cps |
| Iron | 56-2 | 72805429 | 72176311 | 71867169 | 72282969 | 0.66 | cps |
| Iron | 57-2 | 1794293 | 1779353 | 1797693 | 1790446 | 0.54 | cps |
| Iron | 54-2 | 3944244 | 3973483 | 3901176 | 3939634 | 0.92 | cps |
| Krypton | 83-1 | 260 | 230 | 240 | 243 | 6.28 | cps |

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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 |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 140090 | 142239 | 139612 | 140647 | 0.99 | cps |
| Lead | 207-1 | 119063 | 120142 | 119177 | 119461 | 0.50 | cps |
| Lead | 208-1 | 550295 | 557217 | 548876 | 552130 | 0.81 | cps |
| Lithium | 6-1 | 1987843 | 1942073 | 2033785 | 1987901 | 2.31 | cps |
| Magnesium | 24-2 | 1938794 | 1901759 | 1921330 | 1920628 | 0.96 | cps |
| Manganese | 55-2 | 1662665 | 1682544 | 1634336 | 1659849 | 1.46 | cps |
| Molybdenum | 94-1 | 25930 | 27079 | 25663 | 26224 | 2.87 | cps |
| Molybdenum | 95-1 | 5248 | 5094 | 5091 | 5144 | 1.74 | cps |
| Molybdenum | 96-1 | 10544 | 10214 | 10571 | 10443 | 1.90 | cps |
| Molybdenum | 97-1 | 3280 | 3384 | 3320 | 3328 | 1.57 | cps |
| Molybdenum | 98-1 | 8352 | 8589 | 8716 | 8553 | 2.16 | cps |
| Neodymium | 150-1 | 58233 | 57015 | 57962 | 57736 | 1.11 | cps |
| Neodymium | 150-2 | 34913 | 35254 | 35257 | 35141 | 0.56 | cps |
| Nickel | 60-2 | 28454 | 29045 | 28394 | 28631 | 1.26 | cps |
| Phosphorus | 31-2 | 16549 | 16255 | 16315 | 16373 | 0.95 | cps |
| Potassium | 39-2 | 719326 | 712272 | 712547 | 714715 | 0.56 | cps |
| Rhodium | 103-1 | 12682824 | 11949689 | 12732038 | 12454850 | 3.52 | cps |
| Rhodium | 103-2 | 7497294 | 7565632 | 7511909 | 7524945 | 0.48 | cps |
| Scandium | 45-1 | 7361106 | 6883256 | 7349824 | 7198062 | 3.79 | cps |
| Scandium | 45-2 | 633423 | 626979 | 629210 | 629870 | 0.52 | cps |
| Selenium | 82-1 | 193 | 258 | 261 | 237 | 16.16 | cps |
| Selenium | 77-2 | 77 | 77 | 123 | 92 | 29.22 | cps |
| Selenium | 78-2 | 607 | 550 | 530 | 562 | 7.07 | cps |
| Silicon | 28-1 | 4738659 | 5048428 | 5282472 | 5023186 | 5.43 | cps |
| Silver | 107-1 | 1213 | 1387 | 1307 | 1302 | 6.66 | cps |
| Silver | 109-1 | 1227 | 1297 | 1200 | 1241 | 4.02 | cps |
| Sodium | 23-2 | 5777589 | 5701093 | 5768981 | 5749221 | 0.73 | cps |
| Strontium | 86-1 | 146961 | 144013 | 144359 | 145111 | 1.11 | cps |
| Strontium | 88-1 | 1250744 | 1255421 | 1250540 | 1252235 | 0.22 | cps |
| Sulfur | 34-1 | 224251 | 224424 | 226469 | 225048 | 0.55 | cps |
| Terbium | 159-1 | 17360820 | 16441028 | 17475434 | 17092427 | 3.32 | cps |
| Terbium | 159-2 | 11792763 | 11814056 | 11822713 | 11809844 | 0.13 | cps |
| Thallium | 203-1 | 933 | 1043 | 953 | 977 | 6.00 | cps |
| Thallium | 205-1 | 2390 | 2557 | 2400 | 2449 | 3.82 | cps |
| Tin | 118-1 | 13473 | 13687 | 13556 | 13572 | 0.79 | cps |
| Titanium | 47-1 | 852324 | 849696 | 848278 | 850099 | 0.24 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13290 | 13337 | 13460 | 13362 | 0.66 | cps |
| Vanadium | 51-2 | 204850 | 205410 | 202935 | 204398 | 0.63 | cps |
| Yttrium | 89-1 | 21012120 | 19978590 | 21404347 | 20798352 | 3.54 | cps |
| Yttrium | 89-2 | 5724757 | 5701461 | 5704347 | 5710188 | 0.22 | cps |
| Zinc | 66-2 | 48913 | 48542 | 49074 | 48843 | 0.56 | cps |
| Zirconium | 90-1 | 62629 | 63302 | 65834 | 63922 | 2.64 | cps |
| Zirconium | 91-1 | 13743 | 14097 | 14087 | 13976 | 1.44 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1630304 | 1620651 | 1599761 | 1616905 | 0.97 | cps |
| Antimony | 121-1 | 60393 | 61846 | 59747 | 60662 | 1.77 | cps |
| Arsenic | 75-2 | 15508 | 15582 | 15962 | 15684 | 1.55 | cps |
| Barium | 135-1 | 38556 | 39027 | 39157 | 38913 | 0.81 | cps |
| Barium | 137-1 | 68145 | 68404 | 66900 | 67816 | 1.19 | cps |
| Beryllium | 9-1 | 307 | 327 | 300 | 311 | 4.46 | cps |
| Bismuth | 209-1 | 10028824 | 10035192 | 10045307 | 10036441 | 0.08 | cps |
| Bismuth | 209-2 | 8483970 | 8406404 | 8458038 | 8449471 | 0.47 | cps |
| Bromine | 81-1 | 30177 | 30532 | 30638 | 30449 | 0.79 | cps |
| Bromine | 81-2 | 3220 | 3440 | 3460 | 3374 | 3.95 | cps |
| Cadmium | 108-1 | 60 | 87 | 67 | 71 | 19.52 | cps |
| Cadmium | 106-1 | 4954 | 4941 | 4624 | 4840 | 3.86 | cps |
| Cadmium | 111-1 | 1365 | 1302 | 1249 | 1305 | 4.44 | cps |
| Calcium | 43-1 | 105809 | 104839 | 105117 | 105255 | 0.47 | cps |
| Calcium | 44-1 | 1653098 | 1656326 | 1671565 | 1660329 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 84639 | 84304 | 84391 | 84445 | 0.21 | cps |
| Cobalt | 59-2 | 55198 | 54147 | 54177 | 54507 | 1.10 | cps |
| Copper | 63-2 | 292527 | 292121 | 293406 | 292685 | 0.22 | cps |
| Dysprosium | 156-1 | 22241 | 22495 | 22919 | 22552 | 1.52 | cps |
| Dysprosium | 156-2 | 18996 | 18693 | 18672 | 18787 | 0.97 | cps |
| Erbium | 164-1 | 18232 | 18496 | 18506 | 18411 | 0.84 | cps |
| Erbium | 164-2 | 13483 | 13113 | 13407 | 13334 | 1.47 | cps |
| Gadolinium | 160-1 | 21954 | 22224 | 21804 | 21994 | 0.97 | cps |
| Gadolinium | 160-2 | 17368 | 17244 | 17424 | 17345 | 0.53 | cps |
| Holmium | 165-1 | 16624632 | 16809410 | 16650501 | 16694848 | 0.60 | cps |
| Holmium | 165-2 | 11894740 | 11746049 | 11898343 | 11846377 | 0.73 | cps |
| Indium | 115-1 | 13509430 | 13413520 | 13515474 | 13479475 | 0.42 | cps |
| Indium | 115-2 | 5029221 | 4932645 | 4996657 | 4986174 | 0.99 | cps |
| Iron | 56-2 | 63177292 | 62895066 | 63584557 | 63218972 | 0.55 | cps |
| Iron | 57-2 | 1592202 | 1571707 | 1590710 | 1584873 | 0.72 | cps |
| Iron | 54-2 | 3455892 | 3466784 | 3459086 | 3460587 | 0.16 | cps |
| Krypton | 83-1 | 250 | 267 | 233 | 250 | 6.67 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 235979 | 235950 | 240408 | 237446 | 1.08 | cps |
| Lead | 207-1 | 201337 | 206254 | 204070 | 203887 | 1.21 | cps |
| Lead | 208-1 | 928028 | 934573 | 940350 | 934317 | 0.66 | cps |
| Lithium | 6-1 | 2004922 | 2010857 | 1985968 | 2000582 | 0.65 | cps |
| Magnesium | 24-2 | 1936673 | 1896658 | 1907654 | 1913661 | 1.08 | cps |
| Manganese | 55-2 | 646096 | 638939 | 643471 | 642835 | 0.56 | cps |
| Molybdenum | 94-1 | 19727 | 20121 | 19911 | 19920 | 0.99 | cps |
| Molybdenum | 95-1 | 3210 | 3194 | 3057 | 3154 | 2.67 | cps |
| Molybdenum | 96-1 | 7078 | 7212 | 6652 | 6981 | 4.19 | cps |
| Molybdenum | 97-1 | 1843 | 1900 | 1900 | 1881 | 1.74 | cps |
| Molybdenum | 98-1 | 5194 | 5044 | 4861 | 5033 | 3.32 | cps |
| Neodymium | 150-1 | 37249 | 37156 | 38041 | 37482 | 1.30 | cps |
| Neodymium | 150-2 | 22765 | 22889 | 23129 | 22928 | 0.81 | cps |
| Nickel | 60-2 | 36969 | 36361 | 35405 | 36245 | 2.17 | cps |
| Phosphorus | 31-2 | 11268 | 11521 | 11434 | 11408 | 1.13 | cps |
| Potassium | 39-2 | 813706 | 812504 | 812692 | 812968 | 0.08 | cps |
| Rhodium | 103-1 | 12700808 | 12389805 | 12436615 | 12509076 | 1.34 | cps |
| Rhodium | 103-2 | 7573404 | 7440220 | 7426184 | 7479936 | 1.09 | cps |
| Scandium | 45-1 | 7212011 | 7150910 | 7056161 | 7139694 | 1.10 | cps |
| Scandium | 45-2 | 624672 | 621976 | 621000 | 622549 | 0.31 | cps |
| Selenium | 82-1 | 192 | 230 | 230 | 217 | 10.02 | cps |
| Selenium | 77-2 | 77 | 100 | 40 | 72 | 41.88 | cps |
| Selenium | 78-2 | 470 | 500 | 527 | 499 | 5.68 | cps |
| Silicon | 28-1 | 5521075 | 5235823 | 4920628 | 5225842 | 5.75 | cps |
| Silver | 107-1 | 2757 | 2800 | 2740 | 2766 | 1.12 | cps |
| Silver | 109-1 | 2564 | 2550 | 2674 | 2596 | 2.61 | cps |
| Sodium | 23-2 | 4399458 | 4380875 | 4351339 | 4377224 | 0.55 | cps |
| Strontium | 86-1 | 111025 | 112069 | 113352 | 112149 | 1.04 | cps |
| Strontium | 88-1 | 968709 | 977561 | 973050 | 973107 | 0.45 | cps |
| Sulfur | 34-1 | 218276 | 218361 | 216596 | 217744 | 0.46 | cps |
| Terbium | 159-1 | 17259330 | 17142124 | 16803049 | 17068167 | 1.39 | cps |
| Terbium | 159-2 | 11799861 | 11864867 | 11722913 | 11795881 | 0.60 | cps |
| Thallium | 203-1 | 1720 | 1593 | 1710 | 1675 | 4.21 | cps |
| Thallium | 205-1 | 3771 | 3821 | 3831 | 3807 | 0.84 | cps |
| Tin | 118-1 | 29841 | 30486 | 30162 | 30163 | 1.07 | cps |
| Titanium | 47-1 | 501078 | 511647 | 512094 | 508273 | 1.23 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 12596 | 12873 | 12900 | 12790 | 1.31 | cps |
| Vanadium | 51-2 | 126901 | 127466 | 127123 | 127163 | 0.22 | cps |
| Yttrium | 89-1 | 20670545 | 20617677 | 20570287 | 20619503 | 0.24 | cps |
| Yttrium | 89-2 | 5677726 | 5564704 | 5685094 | 5642508 | 1.20 | cps |
| Zinc | 66-2 | 63836 | 63036 | 65034 | 63968 | 1.57 | cps |
| Zirconium | 90-1 | 51502 | 48677 | 48809 | 49663 | 3.21 | cps |
| Zirconium | 91-1 | 10964 | 11551 | 10737 | 11084 | 3.79 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-15 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:52:40 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2020911 | 2003031 | 2018160 | 2014034 | 0.48 | cps |
| Antimony | 121-1 | 4767 | 4641 | 4534 | 4647 | 2.51 | cps |
| Arsenic | 75-2 | 4234 | 4444 | 4341 | 4340 | 2.42 | cps |
| Barium | 135-1 | 42988 | 43372 | 42784 | 43048 | 0.69 | cps |
| Barium | 137-1 | 74162 | 74815 | 74934 | 74637 | 0.56 | cps |
| Beryllium | 9-1 | 400 | 383 | 377 | 387 | 3.11 | cps |
| Bismuth | 209-1 | 10024058 | 10073549 | 9987907 | 10028505 | 0.43 | cps |
| Bismuth | 209-2 | 8594544 | 8503929 | 8567738 | 8555404 | 0.54 | cps |
| Bromine | 81-1 | 28144 | 29576 | 29867 | 29196 | 3.16 | cps |
| Bromine | 81-2 | 3070 | 3150 | 3184 | 3135 | 1.86 | cps |
| Cadmium | 108-1 | 100 | 97 | 117 | 104 | 10.26 | cps |
| Cadmium | 106-1 | 5048 | 5111 | 4908 | 5022 | 2.07 | cps |
| Cadmium | 111-1 | 1324 | 1352 | 1274 | 1317 | 3.03 | cps |
| Calcium | 43-1 | 153659 | 154497 | 152774 | 153643 | 0.56 | cps |
| Calcium | 44-1 | 2390902 | 2445232 | 2457564 | 2431233 | 1.46 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 75173 | 74305 | 74928 | 74802 | 0.60 | cps |
| Cobalt | 59-2 | 52903 | 51458 | 52558 | 52306 | 1.44 | cps |
| Copper | 63-2 | 134514 | 132419 | 133028 | 133320 | 0.81 | cps |
| Dysprosium | 156-1 | 36738 | 37904 | 37340 | 37327 | 1.56 | cps |
| Dysprosium | 156-2 | 32280 | 31853 | 32451 | 32195 | 0.96 | cps |
| Erbium | 164-1 | 29698 | 29671 | 29782 | 29717 | 0.19 | cps |
| Erbium | 164-2 | 20719 | 21286 | 21577 | 21194 | 2.06 | cps |
| Gadolinium | 160-1 | 35933 | 36273 | 36715 | 36307 | 1.08 | cps |
| Gadolinium | 160-2 | 27918 | 28552 | 27383 | 27951 | 2.09 | cps |
| Holmium | 165-1 | 16903124 | 16802509 | 16384400 | 16696678 | 1.65 | cps |
| Holmium | 165-2 | 11922076 | 11892948 | 11909381 | 11908135 | 0.12 | cps |
| Indium | 115-1 | 13518005 | 13377211 | 13304995 | 13400070 | 0.81 | cps |
| Indium | 115-2 | 4939821 | 4929576 | 4995390 | 4954929 | 0.71 | cps |
| Iron | 56-2 | 78275836 | 77273499 | 77455812 | 77668382 | 0.69 | cps |
| Iron | 57-2 | 1964316 | 1943955 | 1921519 | 1943263 | 1.10 | cps |
| Iron | 54-2 | 4295619 | 4227769 | 4267033 | 4263474 | 0.80 | cps |
| Krypton | 83-1 | 237 | 270 | 193 | 233 | 16.48 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCV015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:55:52 | DataFile Name : | 113CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18256803 | 18675569 | 18436324 | 18456232 | 1.14 | cps |
| Vanadium | 51-2 | 1936731 | 1902562 | 1948320 | 1929204 | 1.23 | cps |
| Yttrium | 89-1 | 18278421 | 17946562 | 17671645 | 17965543 | 1.69 | cps |
| Yttrium | 89-2 | 4867044 | 4901685 | 4749343 | 4839357 | 1.65 | cps |
| Zinc | 66-2 | 4050940 | 4024704 | 4040841 | 4038828 | 0.33 | cps |
| Zirconium | 90-1 | 10088168 | 9993173 | 9864380 | 9981907 | 1.13 | cps |
| Zirconium | 91-1 | 2214391 | 2232808 | 2197324 | 2214841 | 0.80 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 60 | 67 | 87 | 71 | 19.52 | cps |
| Antimony | 121-1 | 630 | 520 | 373 | 508 | 25.37 | cps |
| Arsenic | 75-2 | 37 | 13 | 7 | 19 | 83.40 | cps |
| Barium | 135-1 | 137 | 40 | 77 | 84 | 57.79 | cps |
| Barium | 137-1 | 163 | 70 | 60 | 98 | 58.29 | cps |
| Beryllium | 9-1 | 80 | 117 | 63 | 87 | 31.49 | cps |
| Bismuth | 209-1 | 9993235 | 9859373 | 9961518 | 9938042 | 0.70 | cps |
| Bismuth | 209-2 | 8370753 | 8324675 | 8483471 | 8392966 | 0.97 | cps |
| Bromine | 81-1 | 15091 | 15211 | 14848 | 15050 | 1.23 | cps |
| Bromine | 81-2 | 337 | 387 | 337 | 353 | 8.17 | cps |
| Cadmium | 108-1 | 17 | 7 | 7 | 10 | 57.72 | cps |
| Cadmium | 106-1 | 4747 | 4267 | 4174 | 4396 | 7.00 | cps |
| Cadmium | 111-1 | 998 | 866 | 854 | 906 | 8.85 | cps |
| Calcium | 43-1 | 203 | 197 | 207 | 202 | 2.52 | cps |
| Calcium | 44-1 | 6418 | 5504 | 5711 | 5878 | 8.15 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2114 | 2077 | 2134 | 2108 | 1.36 | cps |
| Cobalt | 59-2 | 100 | 67 | 123 | 97 | 29.46 | cps |
| Copper | 63-2 | 1277 | 1300 | 1317 | 1298 | 1.55 | cps |
| Dysprosium | 156-1 | 13 | 7 | 17 | 12 | 41.65 | cps |
| Dysprosium | 156-2 | 7 | 7 | 3 | 6 | 34.70 | cps |
| Erbium | 164-1 | 93 | 80 | 93 | 89 | 8.66 | cps |
| Erbium | 164-2 | 57 | 47 | 30 | 44 | 30.31 | cps |
| Gadolinium | 160-1 | 33 | 33 | 57 | 41 | 32.78 | cps |
| Gadolinium | 160-2 | 617 | 533 | 610 | 587 | 7.89 | cps |
| Holmium | 165-1 | 15879841 | 16144702 | 15987375 | 16003973 | 0.83 | cps |
| Holmium | 165-2 | 11423445 | 11490299 | 11452726 | 11455490 | 0.29 | cps |
| Indium | 115-1 | 12822391 | 12875727 | 12692472 | 12796864 | 0.74 | cps |
| Indium | 115-2 | 4789447 | 4746983 | 4791710 | 4776047 | 0.53 | cps |
| Iron | 56-2 | 20868 | 20684 | 23014 | 21522 | 6.02 | cps |
| Iron | 57-2 | 1107 | 1080 | 957 | 1048 | 7.64 | cps |
| Iron | 54-2 | 2407 | 2517 | 2524 | 2482 | 2.64 | cps |
| Krypton | 83-1 | 193 | 177 | 230 | 200 | 13.64 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1970 | 1607 | 1497 | 1691 | 14.65 | cps |
| Lead | 207-1 | 1800 | 1343 | 1427 | 1523 | 15.97 | cps |
| Lead | 208-1 | 7571 | 6174 | 6157 | 6634 | 12.23 | cps |
| Lithium | 6-1 | 1927299 | 1949851 | 1922542 | 1933231 | 0.75 | cps |
| Magnesium | 24-2 | 760 | 780 | 723 | 754 | 3.81 | cps |
| Manganese | 55-2 | 430 | 507 | 520 | 486 | 10.00 | cps |
| Molybdenum | 94-1 | 1354 | 370 | 437 | 720 | 76.36 | cps |
| Molybdenum | 95-1 | 1264 | 267 | 287 | 606 | 94.12 | cps |
| Molybdenum | 96-1 | 1141 | 380 | 503 | 675 | 60.51 | cps |
| Molybdenum | 97-1 | 610 | 243 | 183 | 346 | 66.86 | cps |
| Molybdenum | 98-1 | 1635 | 473 | 480 | 863 | 77.50 | cps |
| Neodymium | 150-1 | 7 | 7 | 7 | 7 | 0.00 | cps |
| Neodymium | 150-2 | 0 | 10 | 3 | 4 | 114.60 | cps |
| Nickel | 60-2 | 613 | 507 | 543 | 554 | 9.77 | cps |
| Phosphorus | 31-2 | 110 | 87 | 127 | 108 | 18.64 | cps |
| Potassium | 39-2 | 52534 | 52557 | 52199 | 52430 | 0.38 | cps |
| Rhodium | 103-1 | 11708076 | 11781134 | 11732833 | 11740681 | 0.32 | cps |
| Rhodium | 103-2 | 7042843 | 6973260 | 7103268 | 7039791 | 0.92 | cps |
| Scandium | 45-1 | 6613066 | 6550256 | 6565041 | 6576121 | 0.50 | cps |
| Scandium | 45-2 | 575615 | 574513 | 576769 | 575632 | 0.20 | cps |
| Selenium | 82-1 | 215 | 146 | 68 | 143 | 51.77 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 433 | 370 | 447 | 417 | 9.83 | cps |
| Silicon | 28-1 | 528236 | 532764 | 531581 | 530860 | 0.44 | cps |
| Silver | 107-1 | 300 | 153 | 143 | 199 | 44.10 | cps |
| Silver | 109-1 | 167 | 170 | 123 | 153 | 16.98 | cps |
| Sodium | 23-2 | 32197 | 31285 | 30777 | 31420 | 2.29 | cps |
| Strontium | 86-1 | 817 | 310 | 357 | 495 | 56.65 | cps |
| Strontium | 88-1 | 4004 | 307 | 247 | 1519 | 141.67 | cps |
| Sulfur | 34-1 | 170897 | 173429 | 173044 | 172457 | 0.79 | cps |
| Terbium | 159-1 | 16363742 | 16211141 | 16602624 | 16392502 | 1.20 | cps |
| Terbium | 159-2 | 11249357 | 11201213 | 11262332 | 11237634 | 0.29 | cps |
| Thallium | 203-1 | 340 | 330 | 333 | 334 | 1.52 | cps |
| Thallium | 205-1 | 817 | 840 | 830 | 829 | 1.41 | cps |
| Tin | 118-1 | 1320 | 1233 | 1197 | 1250 | 5.07 | cps |
| Titanium | 47-1 | 107 | 87 | 87 | 93 | 12.37 | cps |

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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | CCB015 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30 | 20 | 13 | 21 | 39.75 | cps |
| Vanadium | 51-2 | 37 | 23 | 30 | 30 | 22.23 | cps |
| Yttrium | 89-1 | 19092625 | 18996541 | 19112839 | 19067335 | 0.33 | cps |
| Yttrium | 89-2 | 5197420 | 5199148 | 5258878 | 5218482 | 0.67 | cps |
| Zinc | 66-2 | 263 | 217 | 213 | 231 | 12.10 | cps |
| Zirconium | 90-1 | 1284 | 737 | 703 | 908 | 35.89 | cps |
| Zirconium | 91-1 | 243 | 200 | 157 | 200 | 21.67 | cps |

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 |

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 : | P5364-16 | 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 |

Reviewed By:Mohan
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 |

Reviewed By:Mohan
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 |

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

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

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

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

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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 |

Reviewed By:Mohan
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 |

Reviewed By:Mohan
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 |

Reviewed By:Mohan
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 |

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

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

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

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

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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 |

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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 |

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

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

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

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

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

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

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

Reviewed By:Mohan
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 |

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

Reviewed By:Mohan
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 |

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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 | 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 |

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

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

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

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 : | P5363-11 | 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 |

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 : | P5363-11 | 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 |

Reviewed By:Mohan
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 |

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

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

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

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

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

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

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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 |

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

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

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

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

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

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

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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 |



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

| | | | |
|---|---|---|---|
| LB Number : | LB134112 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LDLX10 | 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 |

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

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

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

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

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

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

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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 |

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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 | 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 |

Reviewed By:Mohan
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 |

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

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

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

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

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

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

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

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

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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 |

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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 |

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

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

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

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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 | 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 |

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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 | 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 |

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

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

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

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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 | 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 |

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

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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 | 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 |

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

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

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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 |

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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 |

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

Reviewed By:Mohan
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 |

Reviewed By:Mohan
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
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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 | 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 |

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

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

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

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

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

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

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

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

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 |

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

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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 |



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Inst Id :P7

# Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122724 MS.b\
Analysis File: P7122724 MS.batch.bin
DA Date-Time: 2024-12-28 21:03:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 003CALB.d | S00 | 2024-12-27 14:36:11 |
| 2 | 005CALS.d | S01 | 2024-12-27 14:46:11 |
| 3 | 006CALS.d | S02 | 2024-12-27 14:49:33 |
| 4 | 007CALS.d | S03 | 2024-12-27 14:52:53 |
| 5 | 008CALS.d | S04 | 2024-12-27 14:55:56 |
| 6 | 009CALS.d | S05 | 2024-12-27 14:58:53 |
| 7 | 010CALS.d | S06 | 2024-12-27 15:01:40 |
| 8 | 011CALS.d | S07 | 2024-12-27 15:04:29 |
| 9 | 012CALS.d | S08 | 2024-12-27 15:07:16 |

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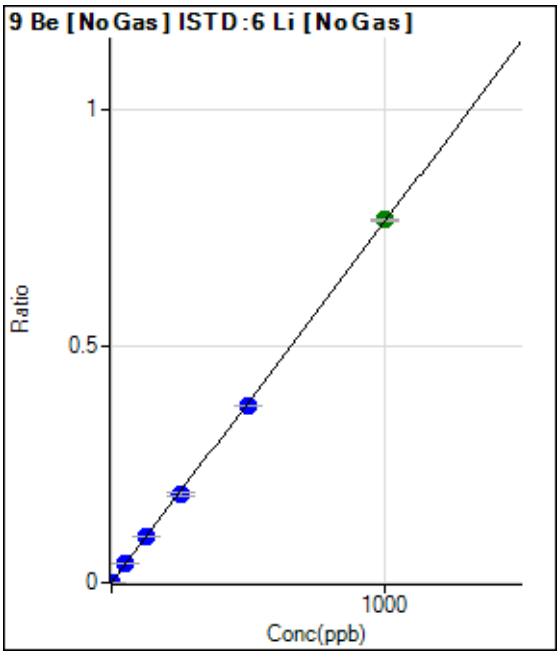
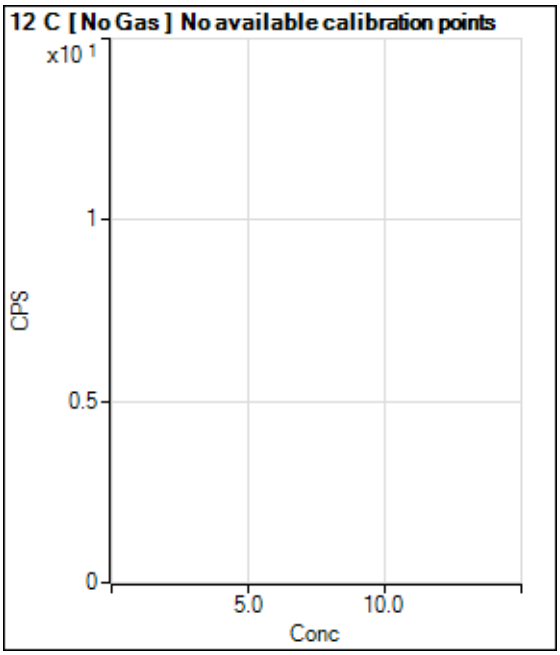
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 70.00 | 0.0000 | P | 9.7 |
| 2 | ☐ | 0.100 | 0.125 | 257.78 | 0.0001 | P | 10.2 |
| 3 | ☐ | 1.000 | 1.120 | 1787.90 | 0.0009 | P | 3.1 |
| 4 | ☐ | 50.000 | 53.826 | 83608.77 | 0.0411 | P | 0.9 |
| 5 | ☐ | 125.000 | 128.660 | 195932.82 | 0.0982 | P | 0.7 |
| 6 | ☐ | 250.000 | 246.394 | 377837.92 | 0.1881 | P | 4.0 |
| 7 | ☐ | 500.000 | 490.076 | 719959.30 | 0.3740 | P | 0.8 |
| 8 | ☐ | 1000.000 | 1005.215 | 1462889.36 | 0.7672 | A | 0.9 |
| 9 | ☐ | | | 517.79 | 0.0003 | P | 8.1 |

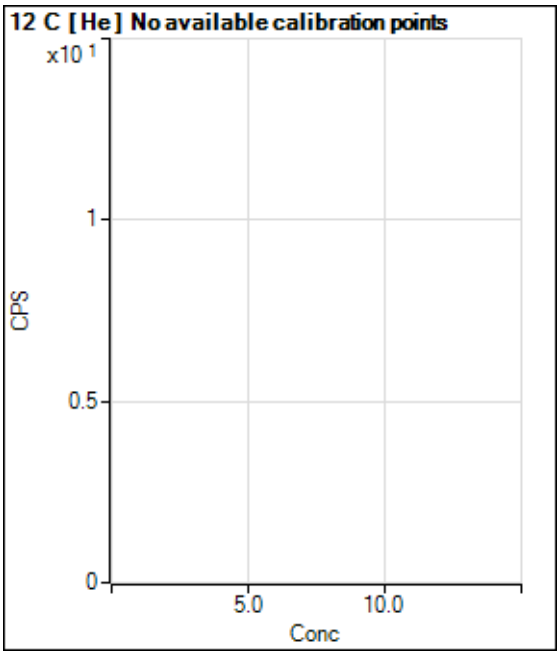
y = 7.6314E-004 * x + 3.5823E-005
R = 0.9999
DL = 0.01364
BEC = 0.04694

Weight: <None>
Min Conc: 0

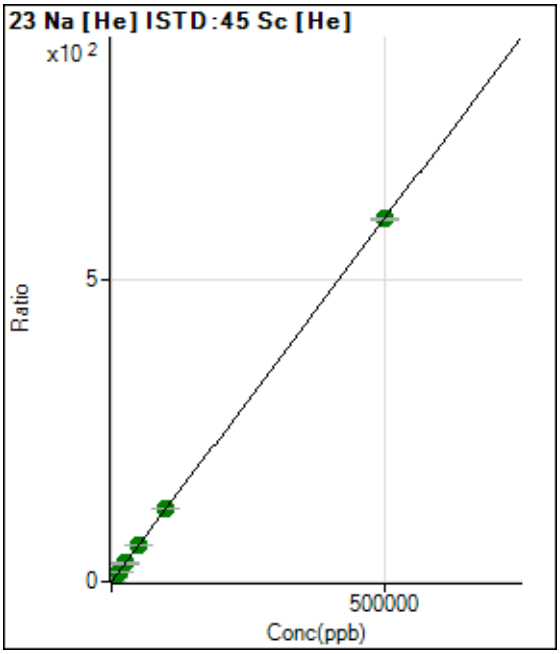



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |
| 9 | ☐ | | | | | | |

Reviewed By:Mohan
On:1/2/2025 10:28:08 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 | 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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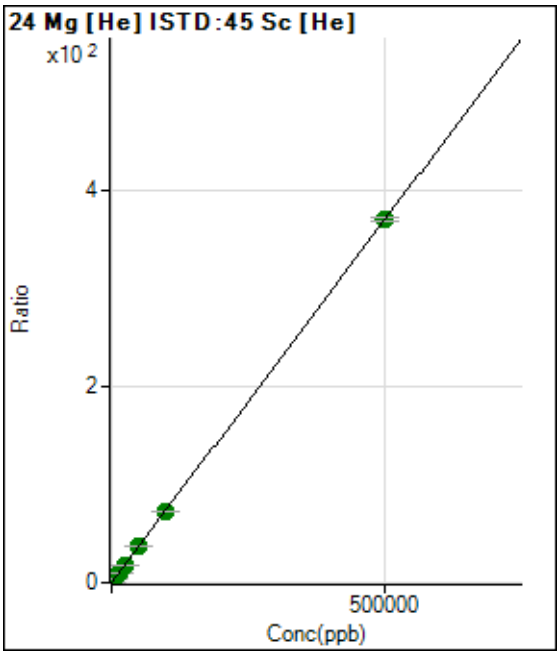
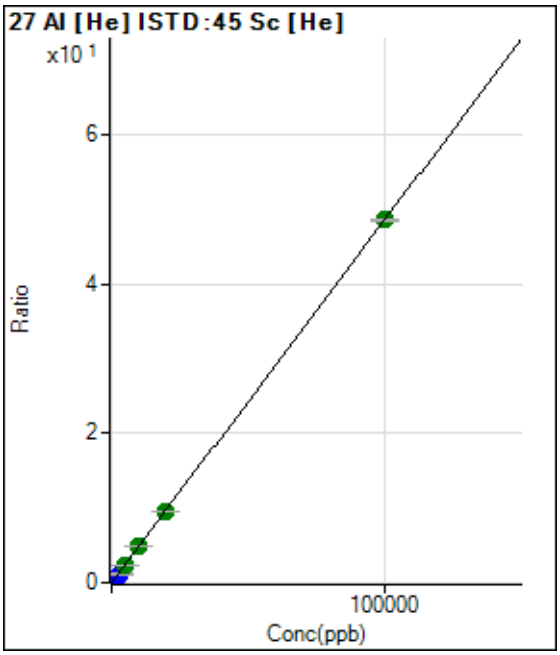
On:1/2/2025 10:28:08 PM
Inst Id :P7




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 982.26 | 0.0015 | P | 8.0 |
| 2 | ☐ | 50.000 | 53.402 | 27107.25 | 0.0409 | P | 1.1 |
| 3 | ☐ | 500.000 | 533.822 | 261412.79 | 0.3953 | P | 1.5 |
| 4 | ☐ | 5000.000 | 5243.407 | 2442327.50 | 3.8693 | A | 0.3 |
| 5 | ☐ | 12500.000 | 12416.580 | 5420786.31 | 9.1606 | A | 0.1 |
| 6 | ☐ | 25000.000 | 25008.433 | 10284204.08 | 18.4489 | A | 0.5 |
| 7 | ☐ | 50000.000 | 50044.805 | 19645573.87 | 36.9169 | A | 0.5 |
| 8 | ☐ | 100000.00 | 98391.376 | 38649455.54 | 72.5796 | A | 0.7 |
| 9 | ☐ | 500000.00 | 500316.44 | 207055096.92 | 369.0582 | A | 0.9 |

y = 7.3765E-004 * x + 0.0015
R = 1.0000
DL = 0.4942
BEC = 2.063

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 97.78 | 0.0002 | P | 8.5 |
| 2 | ☐ | 2.000 | 2.483 | 900.03 | 0.0014 | P | 3.0 |
| 3 | ☐ | 20.000 | 19.729 | 6441.40 | 0.0097 | P | 1.8 |
| 4 | ☐ | 1000.000 | 989.508 | 303664.81 | 0.4811 | P | 0.1 |
| 5 | ☐ | 2500.000 | 2379.562 | 684475.64 | 1.1567 | P | 0.9 |
| 6 | ☐ | 5000.000 | 4960.091 | 1344006.90 | 2.4109 | A | 1.5 |
| 7 | ☐ | 10000.000 | 10004.926 | 2587792.20 | 4.8628 | A | 0.9 |
| 8 | ☐ | 20000.000 | 19502.325 | 5047693.19 | 9.4788 | A | 0.5 |
| 9 | ☐ | 100000.00 | 100104.15 | 27296714.31 | 48.6534 | A | 0.6 |

y = 4.8603E-004 * x + 1.5151E-004
R = 1.0000
DL = 0.07993
BEC = 0.3117

Weight: <None>
Min Conc: 0

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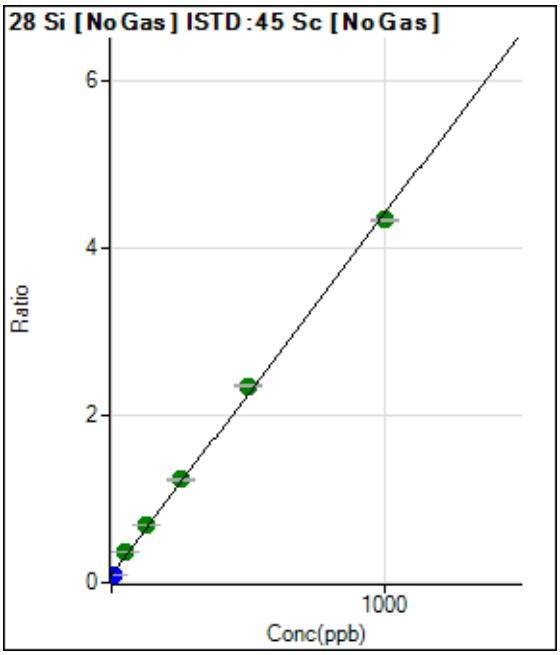
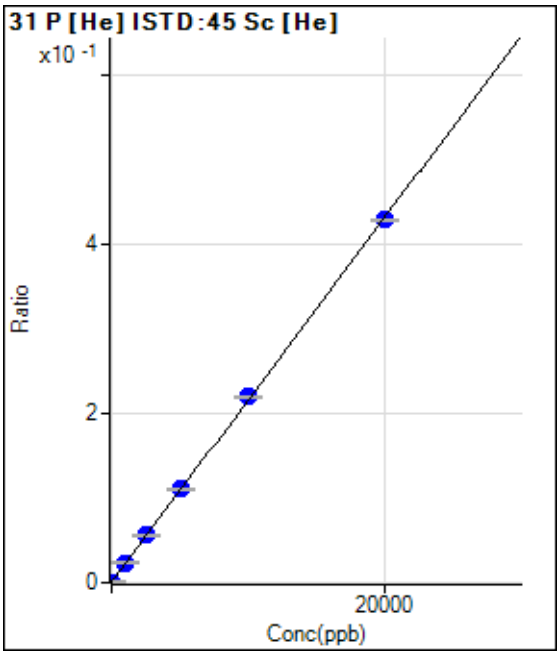



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 671428.24 | 0.0950 | P | 0.9 |
| 2 | ☐ | 1.000 | 0.703 | 701235.96 | 0.0981 | P | 4.5 |
| 3 | ☐ | 10.000 | 1.152 | 732185.64 | 0.1000 | P | 0.5 |
| 4 | ☐ | 50.000 | 63.192 | 2641180.28 | 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

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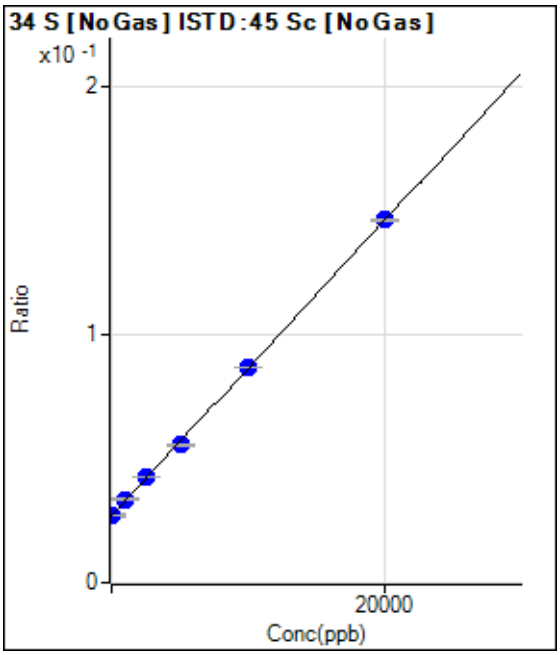
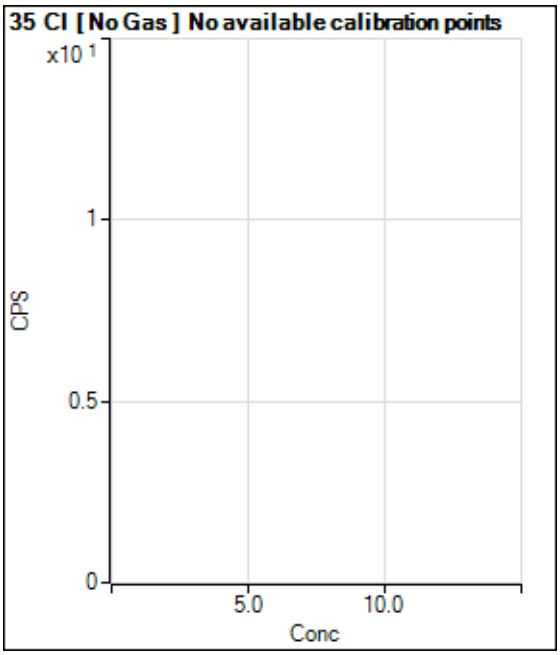
On:1/2/2025 10:28:08 PM
Inst Id :P7




| | 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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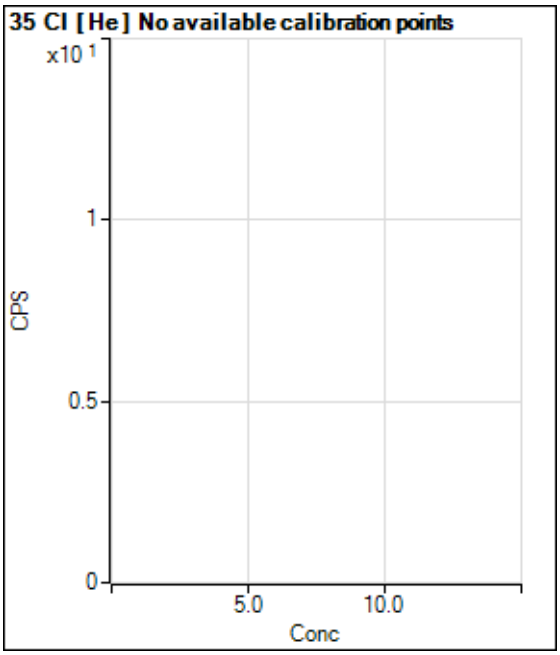
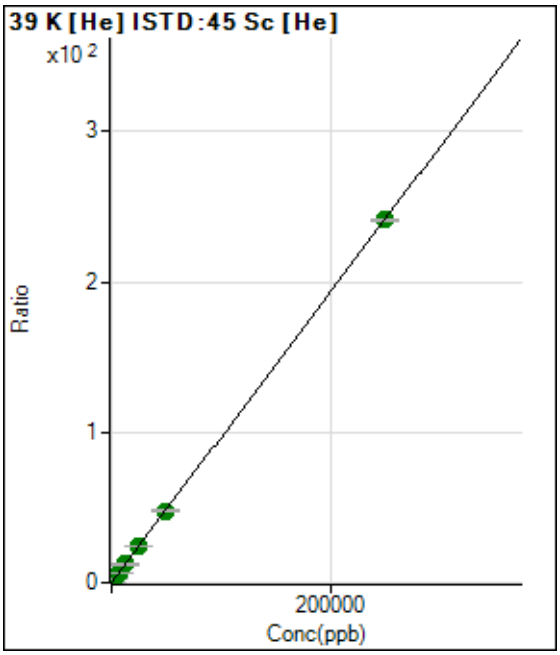
On:1/2/2025 10:28:08 PM
Inst Id :P7




| | 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 | 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

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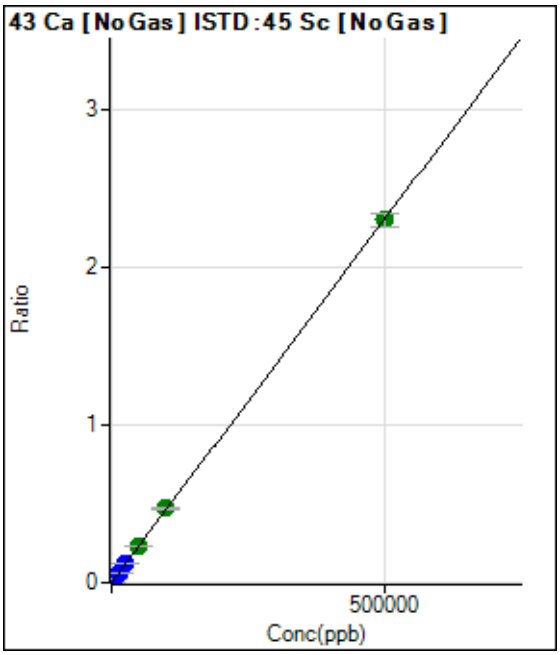
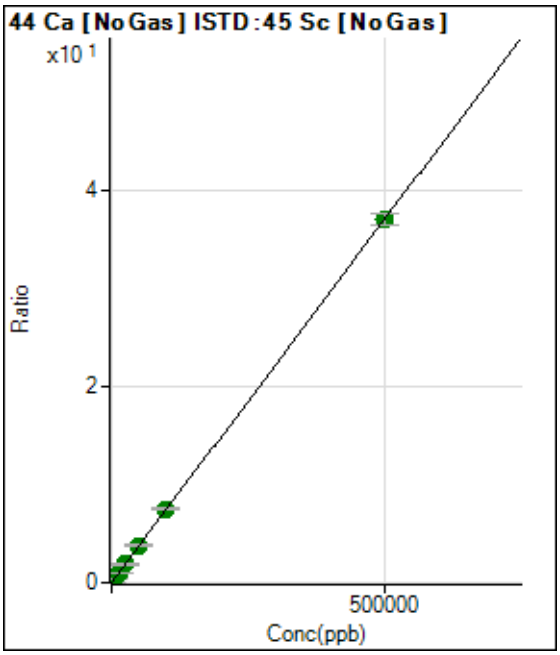



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 214.45 | 0.0000 | P | 12.5 |
| 2 | ☐ | 50.000 | 58.169 | 2130.17 | 0.0003 | P | 5.5 |
| 3 | ☐ | 500.000 | 544.360 | 18556.97 | 0.0025 | P | 0.8 |
| 4 | ☐ | 5000.000 | 5486.785 | 181413.44 | 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

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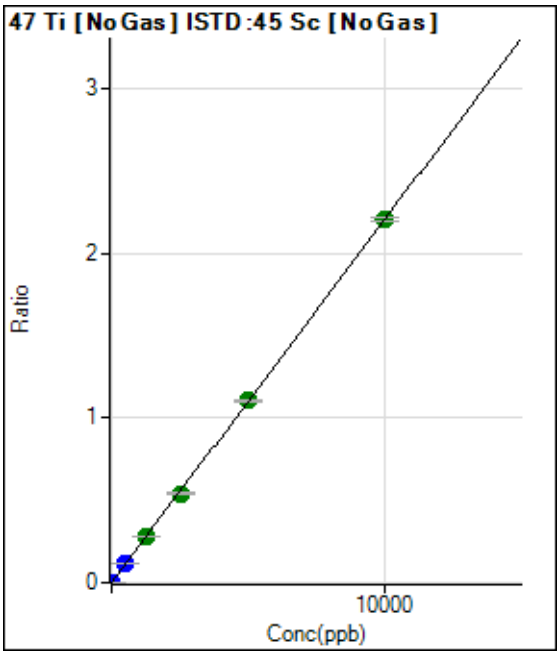
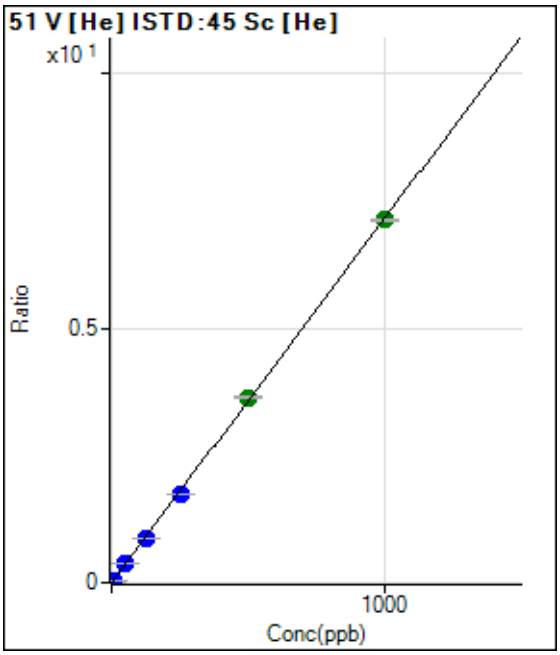



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 66.67 | 0.0000 | P | 5.9 |
| 2 | ☐ | 0.500 | 0.565 | 955.60 | 0.0001 | P | 7.2 |
| 3 | ☐ | 5.000 | 5.290 | 8593.61 | 0.0012 | P | 0.6 |
| 4 | ☐ | 500.000 | 511.871 | 808868.89 | 0.1127 | 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

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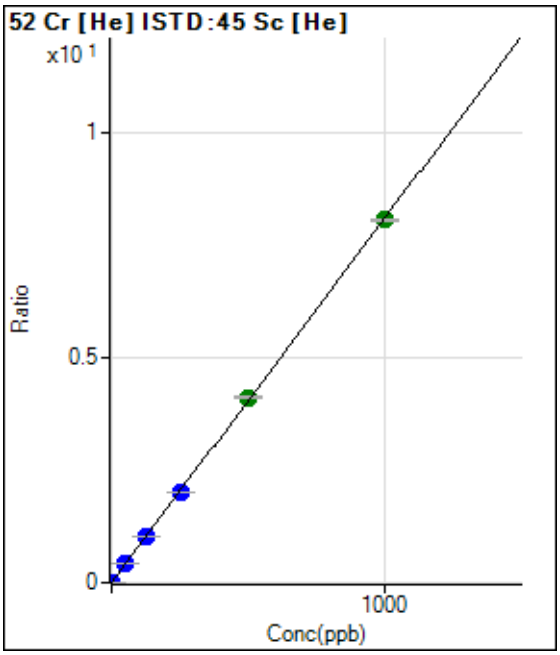
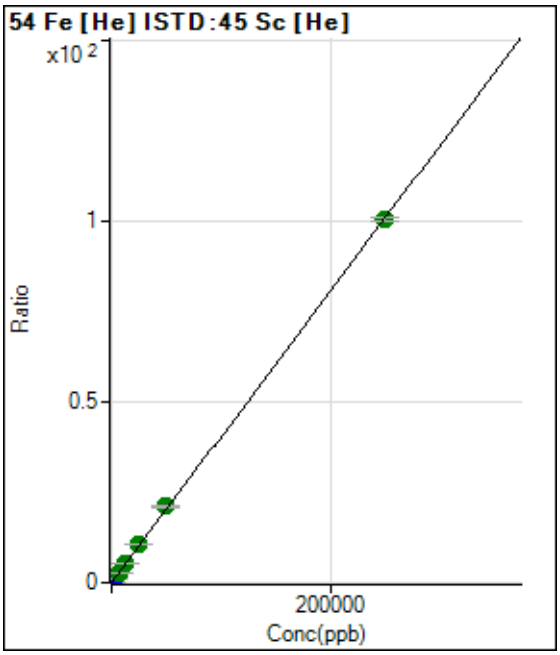



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2269.08 | 0.0035 | P | 3.6 |
| 2 | ☐ | 0.200 | 0.194 | 3370.41 | 0.0051 | P | 1.7 |
| 3 | ☐ | 2.000 | 2.130 | 13721.90 | 0.0208 | P | 2.7 |
| 4 | ☐ | 50.000 | 51.816 | 266903.43 | 0.4228 | 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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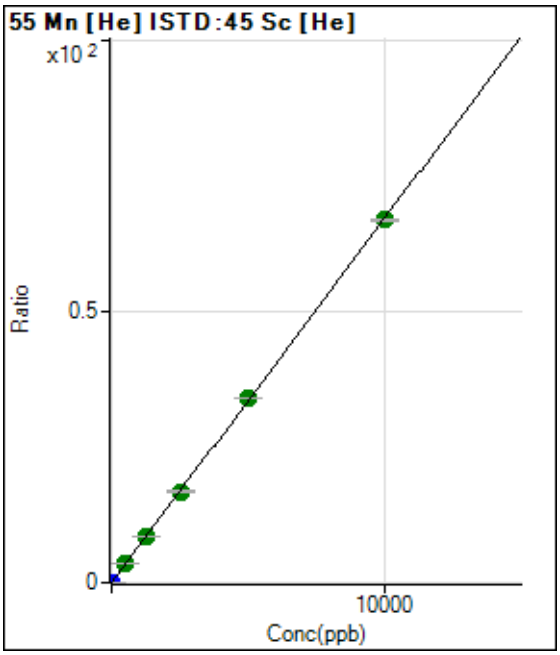
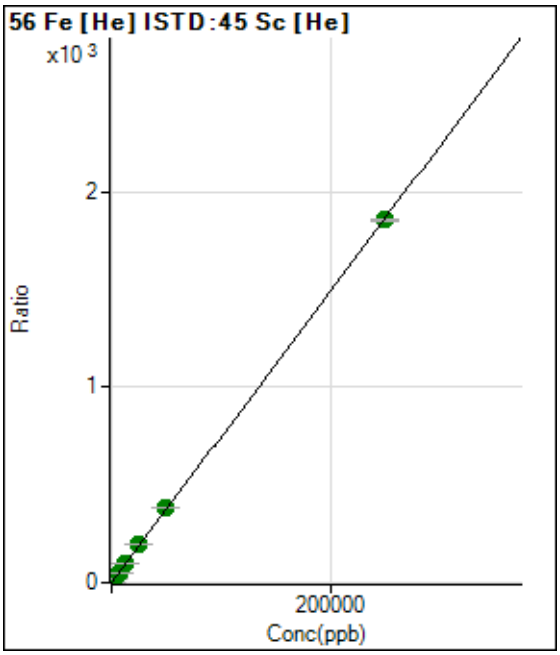



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 298.90 | 0.0005 | P | 4.2 |
| 2 | ☐ | 0.100 | 0.103 | 766.69 | 0.0012 | P | 6.9 |
| 3 | ☐ | 1.000 | 1.026 | 4860.84 | 0.0073 | P | 1.6 |
| 4 | ☐ | 500.000 | 524.580 | 2222992.42 | 3.5218 | 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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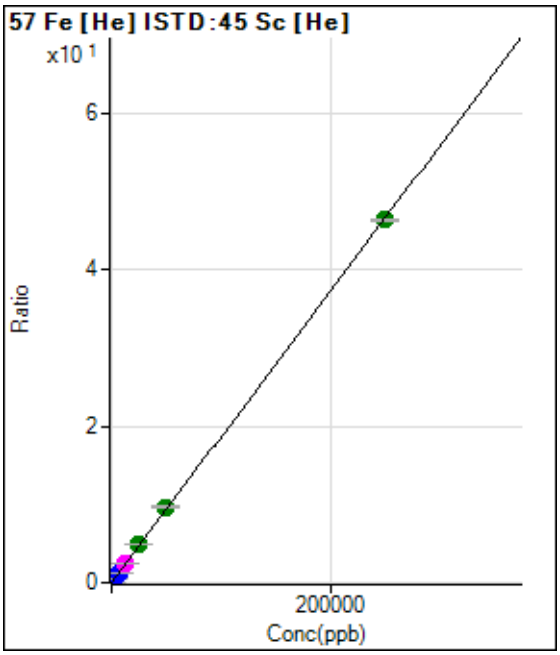
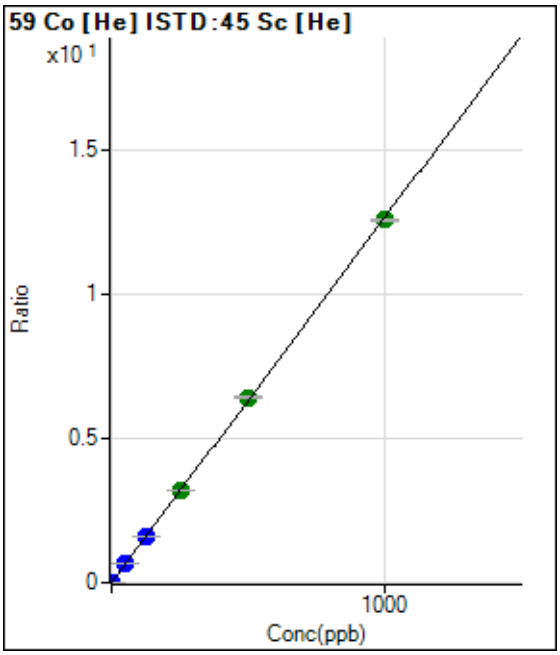



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1251.18 | 0.0019 | P | 9.0 |
| 2 | ☐ | 5.000 | 5.894 | 2011.27 | 0.0030 | P | 2.8 |
| 3 | ☐ | 50.000 | 59.629 | 8619.21 | 0.0130 | P | 1.9 |
| 4 | ☐ | 2500.000 | 2760.566 | 325415.88 | 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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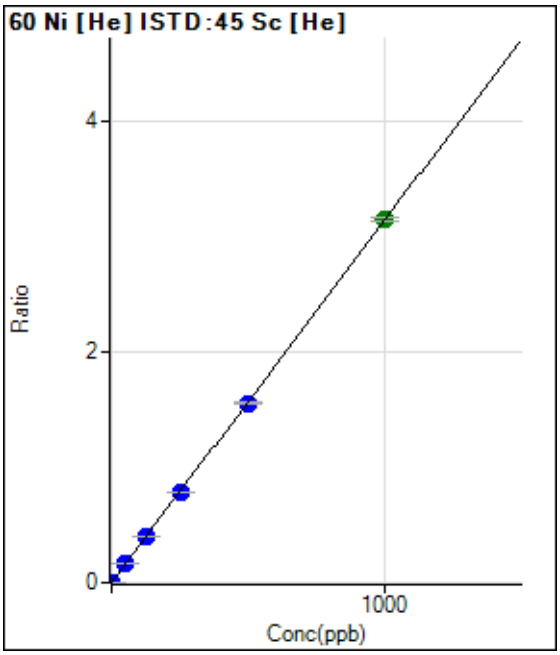
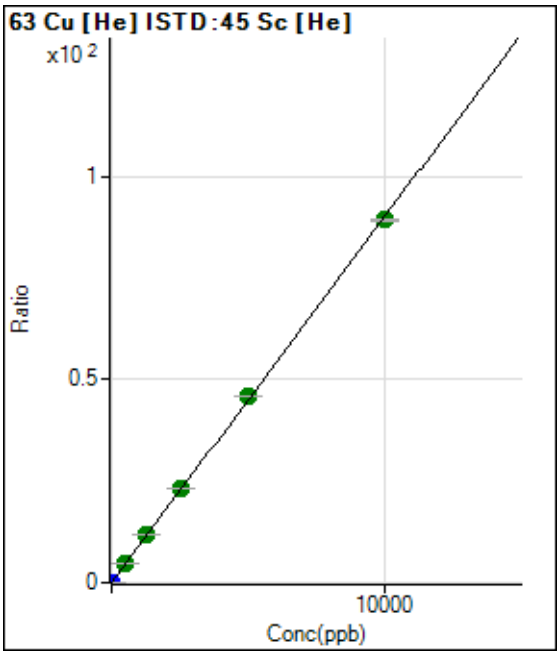



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 703.36 | 0.0011 | P | 3.5 |
| 2 | ☐ | 0.100 | 0.103 | 935.59 | 0.0014 | P | 7.0 |
| 3 | ☐ | 1.000 | 1.076 | 2958.09 | 0.0045 | P | 4.7 |
| 4 | ☐ | 50.000 | 53.742 | 107335.90 | 0.1700 | 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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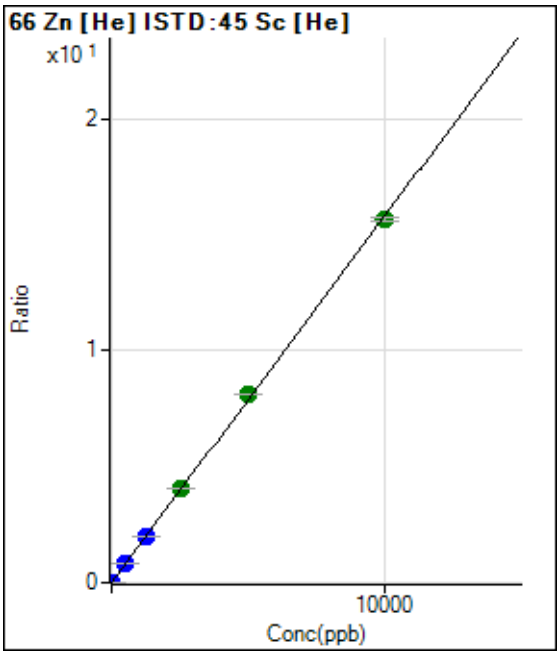
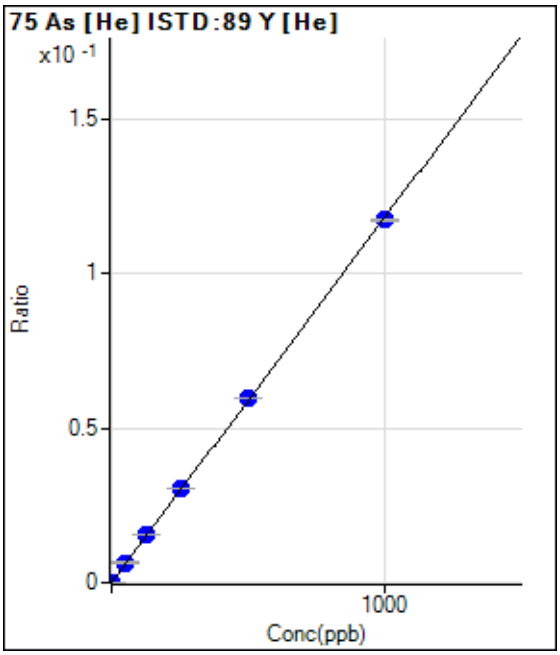



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 140.00 | 0.0002 | P | 13.2 |
| 2 | ☐ | 0.500 | 0.574 | 743.36 | 0.0011 | P | 7.8 |
| 3 | ☐ | 5.000 | 5.336 | 5710.04 | 0.0086 | P | 2.7 |
| 4 | ☐ | 500.000 | 528.518 | 526441.51 | 0.8340 | 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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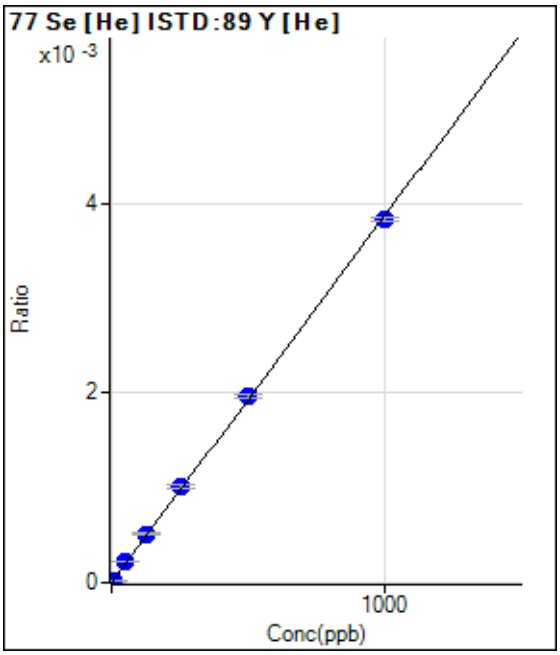
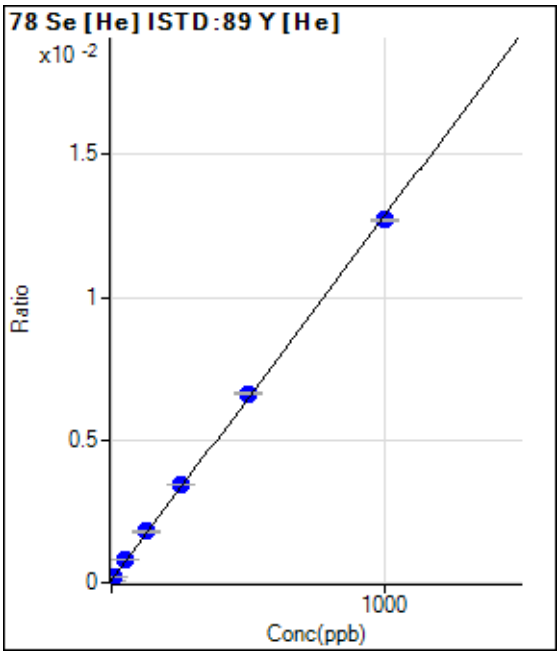



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | |
| 2 | ☐ | 0.500 | 0.556 | 12.22 | 0.0000 | P | 63.1 |
| 3 | ☐ | 5.000 | 5.374 | 117.78 | 0.0000 | P | 20.2 |
| 4 | ☐ | 50.000 | 56.966 | 1204.51 | 0.0002 | P | 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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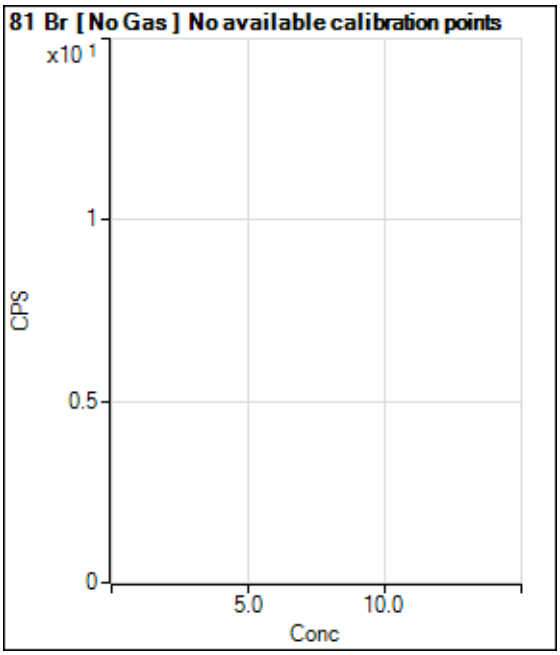
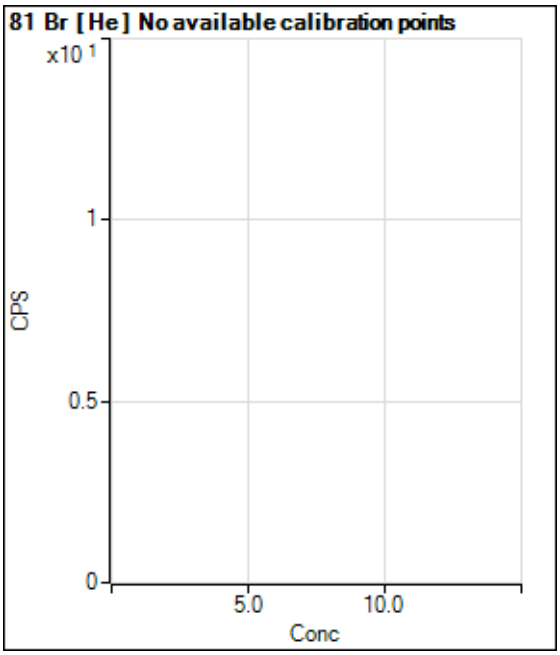



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 15062.23 | | P | 1.6 |
| 2 | ☐ | | | 15345.84 | | P | 1.6 |
| 3 | ☐ | | | 15670.65 | | P | 1.7 |
| 4 | ☐ | | | 15181.25 | | P | 0.5 |
| 5 | ☐ | | | 13928.90 | | P | 1.5 |
| 6 | ☐ | | | 12653.29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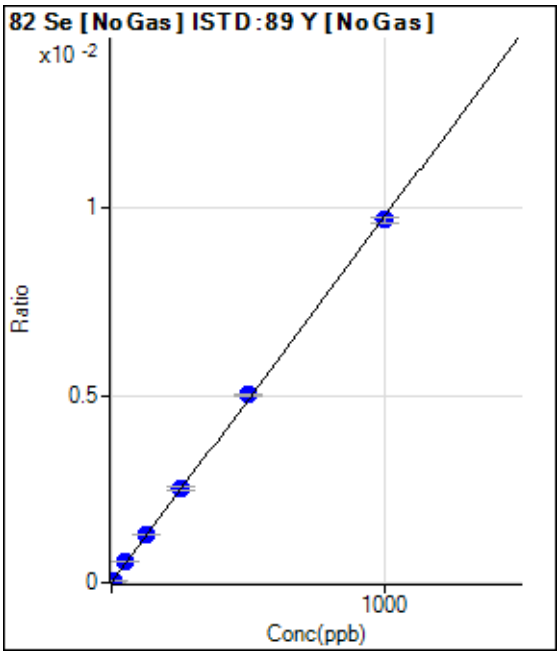
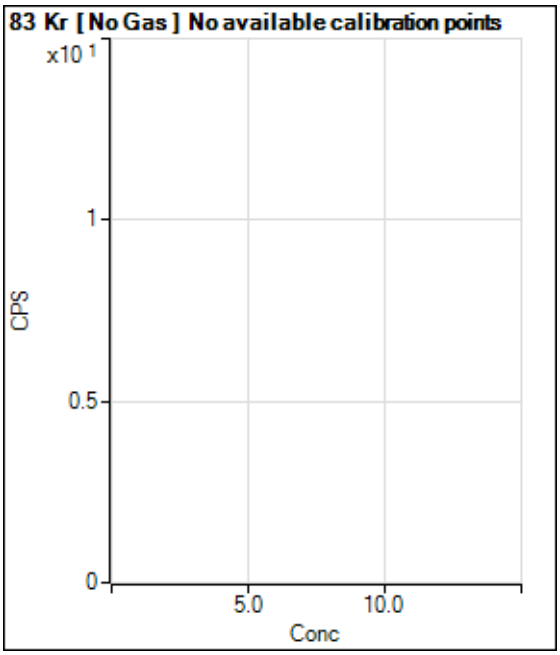



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 128.11 | 0.0000 | P | 34.4 |
| 2 | ☐ | 0.500 | 0.495 | 225.03 | 0.0000 | P | 16.6 |
| 3 | ☐ | 5.000 | 5.531 | 1206.07 | 0.0001 | P | 2.4 |
| 4 | ☐ | 50.000 | 55.587 | 10741.72 | 0.0005 | 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 |

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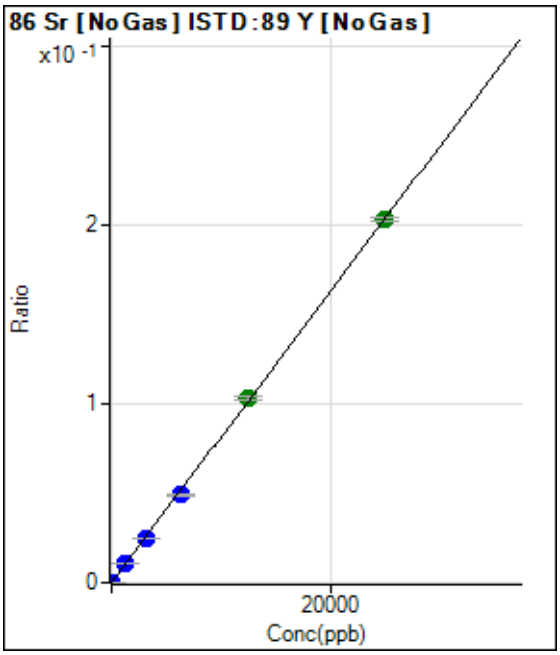
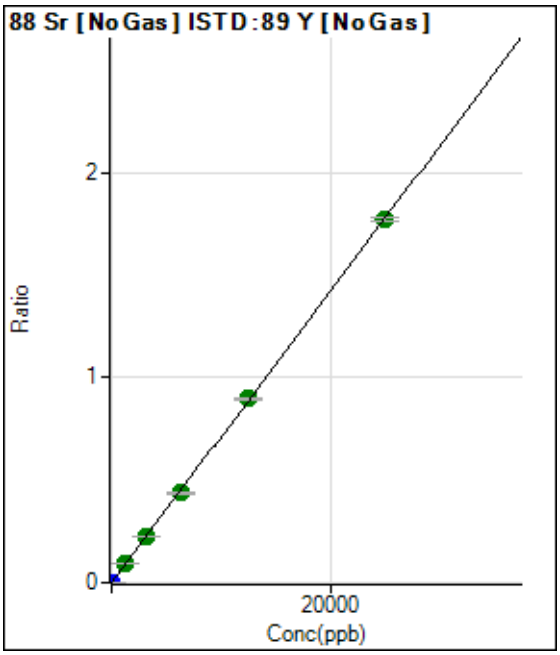



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 338.90 | 0.0000 | P | 4.0 |
| 2 | ☐ | 0.100 | 2.759 | 781.14 | 0.0000 | P | 7.2 |
| 3 | ☐ | 1.000 | 26.769 | 4671.90 | 0.0002 | P | 3.3 |
| 4 | ☐ | 1250.000 | 1281.439 | 203841.85 | 0.0104 | P | 0.5 |
| 5 | ☐ | 3125.000 | 3079.156 | 474498.56 | 0.0250 | P | 1.3 |
| 6 | ☐ | 6250.000 | 6033.531 | 908725.79 | 0.0490 | P | 2.5 |
| 7 | ☐ | 12500.000 | 12682.843 | 1824843.76 | 0.1030 | A | 1.7 |
| 8 | ☐ | 25000.000 | 24966.853 | 3560924.22 | 0.2027 | A | 1.0 |
| 9 | ☐ | | | 10625.02 | 0.0006 | P | 3.2 |

y = 8.1187E-006 * x + 1.7704E-005
R = 0.9999
DL = 0.2636
BEC = 2.181

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 172.23 | 0.0000 | P | 6.0 |
| 2 | ☐ | 0.100 | 2.700 | 3909.44 | 0.0002 | P | 4.1 |
| 3 | ☐ | 1.000 | 26.423 | 37441.99 | 0.0019 | P | 0.8 |
| 4 | ☐ | 1250.000 | 1324.294 | 1837975.23 | 0.0940 | A | 0.6 |
| 5 | ☐ | 3125.000 | 3162.338 | 4255951.60 | 0.2244 | A | 0.1 |
| 6 | ☐ | 6250.000 | 6206.273 | 8166355.02 | 0.4403 | A | 2.1 |
| 7 | ☐ | 12500.000 | 12625.745 | 15872532.68 | 0.8958 | A | 0.3 |
| 8 | ☐ | 25000.000 | 24939.676 | 31082017.87 | 1.7694 | A | 1.2 |
| 9 | ☐ | | | 90339.52 | 0.0052 | P | 0.6 |

y = 7.0949E-005 * x + 8.9976E-006
R = 1.0000
DL = 0.02283
BEC = 0.1268

Weight: <None>
Min Conc: 0

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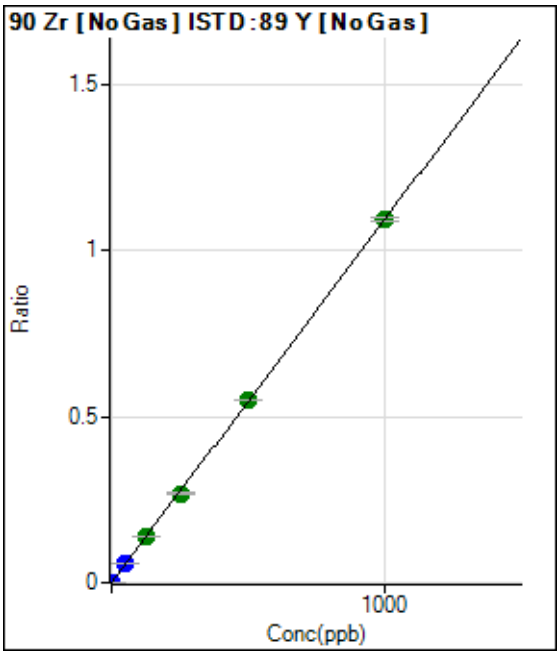
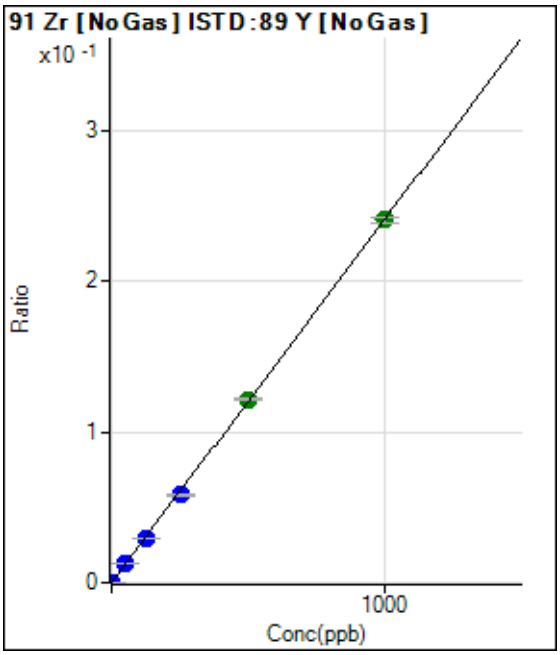



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 760.03 | 0.0000 | P | 2.5 |
| 2 | ☐ | 0.100 | 0.099 | 2881.42 | 0.0001 | P | 4.5 |
| 3 | ☐ | 1.000 | 1.006 | 22633.09 | 0.0011 | P | 1.4 |
| 4 | ☐ | 50.000 | 50.913 | 1088818.01 | 0.0557 | P | 0.4 |
| 5 | ☐ | 125.000 | 126.609 | 2624576.38 | 0.1384 | A | 0.5 |
| 6 | ☐ | 250.000 | 245.835 | 4982031.39 | 0.2686 | A | 2.0 |
| 7 | ☐ | 500.000 | 501.586 | 9710805.20 | 0.5480 | A | 0.3 |
| 8 | ☐ | 1000.000 | 1000.001 | 19192261.24 | 1.0926 | A | 1.2 |
| 9 | ☐ | | | 13167.14 | 0.0008 | P | 4.6 |

y = 0.0011 * x + 3.9703E-005
R = 1.0000
DL = 0.002694
BEC = 0.03634

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 126.67 | 0.0000 | P | 24.9 |
| 2 | ☐ | 0.100 | 0.096 | 581.13 | 0.0000 | P | 2.0 |
| 3 | ☐ | 1.000 | 1.022 | 5018.68 | 0.0003 | P | 5.4 |
| 4 | ☐ | 50.000 | 51.268 | 241492.26 | 0.0123 | P | 0.7 |
| 5 | ☐ | 125.000 | 122.685 | 560223.44 | 0.0295 | P | 0.7 |
| 6 | ☐ | 250.000 | 242.099 | 1080634.37 | 0.0583 | P | 3.1 |
| 7 | ☐ | 500.000 | 504.722 | 2152566.90 | 0.1215 | A | 1.5 |
| 8 | ☐ | 1000.000 | 999.840 | 4227267.54 | 0.2407 | A | 1.7 |
| 9 | ☐ | | | 2791.40 | 0.0002 | P | 5.2 |

y = 2.4069E-004 * x + 6.6150E-006
R = 0.9999
DL = 0.02055
BEC = 0.02748

Weight: <None>
Min Conc: 0

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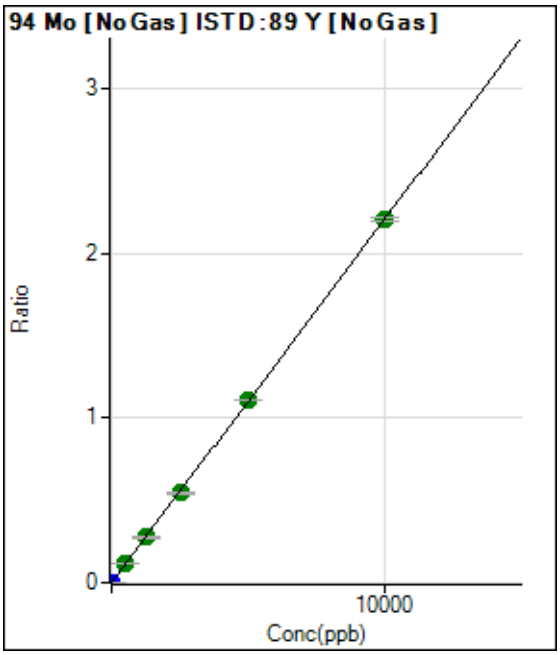
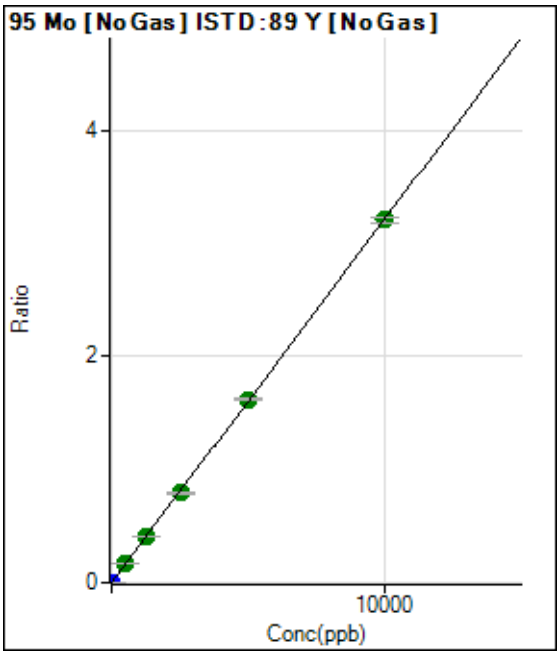



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 390.01 | 0.0000 | P | 15.3 |
| 2 | ☐ | 0.500 | 0.609 | 3015.89 | 0.0002 | P | 6.1 |
| 3 | ☐ | 5.000 | 6.149 | 27363.36 | 0.0014 | P | 3.7 |
| 4 | ☐ | 500.000 | 523.991 | 2261657.52 | 0.1156 | A | 0.9 |
| 5 | ☐ | 1250.000 | 1254.806 | 5251022.63 | 0.2769 | A | 2.3 |
| 6 | ☐ | 2500.000 | 2473.846 | 10123121.65 | 0.5458 | A | 1.3 |
| 7 | ☐ | 5000.000 | 5027.129 | 19651728.74 | 1.1091 | A | 0.3 |
| 8 | ☐ | 10000.000 | 9991.173 | 38720346.92 | 2.2042 | A | 0.9 |
| 9 | ☐ | | | 12097.38 | 0.0007 | P | 11.9 |

y = 2.2062E-004 * x + 2.0369E-005
R = 1.0000
DL = 0.04246
BEC = 0.09233

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 318.90 | 0.0000 | P | 1.3 |
| 2 | ☐ | 0.500 | 0.525 | 3606.03 | 0.0002 | P | 4.5 |
| 3 | ☐ | 5.000 | 5.226 | 33675.34 | 0.0017 | P | 0.7 |
| 4 | ☐ | 500.000 | 524.469 | 3293095.16 | 0.1684 | A | 0.9 |
| 5 | ☐ | 1250.000 | 1258.452 | 7661587.39 | 0.4039 | A | 2.2 |
| 6 | ☐ | 2500.000 | 2472.500 | 14716919.36 | 0.7936 | A | 2.7 |
| 7 | ☐ | 5000.000 | 5036.321 | 28642513.46 | 1.6165 | A | 0.8 |
| 8 | ☐ | 10000.000 | 9986.434 | 56303797.49 | 3.2053 | A | 1.5 |
| 9 | ☐ | | | 12276.48 | 0.0007 | P | 18.0 |

y = 3.2097E-004 * x + 1.6659E-005
R = 1.0000
DL = 0.002052
BEC = 0.0519

Weight: <None>
Min Conc: 0

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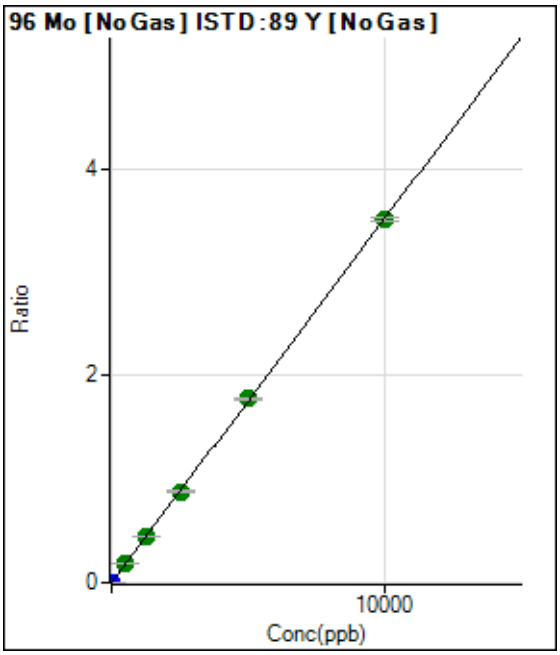
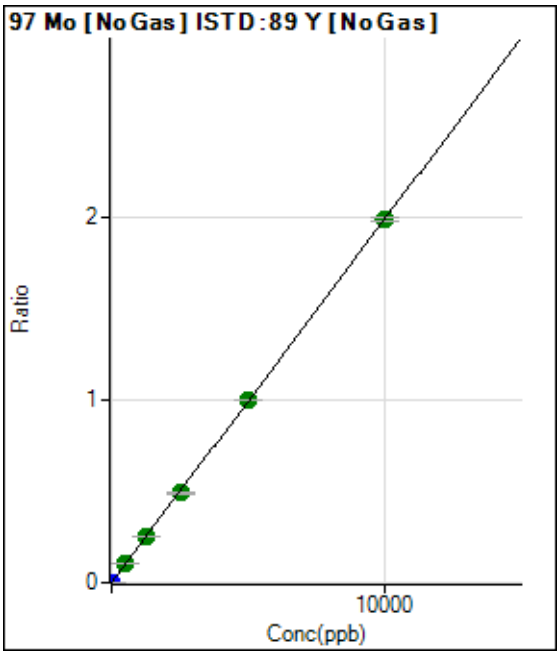



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 337.79 | 0.0000 | P | 6.3 |
| 2 | ☐ | 0.500 | 0.543 | 4060.61 | 0.0002 | P | 3.0 |
| 3 | ☐ | 5.000 | 5.298 | 37348.67 | 0.0019 | P | 0.5 |
| 4 | ☐ | 500.000 | 523.928 | 3600655.95 | 0.1841 | A | 0.1 |
| 5 | ☐ | 1250.000 | 1262.685 | 8414235.43 | 0.4436 | A | 1.2 |
| 6 | ☐ | 2500.000 | 2491.000 | 16229252.26 | 0.8751 | A | 2.5 |
| 7 | ☐ | 5000.000 | 5052.181 | 31448899.53 | 1.7749 | A | 0.8 |
| 8 | ☐ | 10000.000 | 9973.377 | 61547509.08 | 3.5038 | A | 1.1 |
| 9 | ☐ | | | 22724.62 | 0.0013 | P | 10.3 |

y = 3.5131E-004 * x + 1.7649E-005
R = 1.0000
DL = 0.009566
BEC = 0.05024

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 170.00 | 0.0000 | P | 9.4 |
| 2 | ☐ | 0.500 | 0.537 | 2255.76 | 0.0001 | P | 8.4 |
| 3 | ☐ | 5.000 | 5.284 | 21093.05 | 0.0011 | P | 0.5 |
| 4 | ☐ | 500.000 | 529.357 | 2061978.77 | 0.1054 | A | 1.0 |
| 5 | ☐ | 1250.000 | 1263.312 | 4771668.61 | 0.2516 | A | 1.5 |
| 6 | ☐ | 2500.000 | 2480.353 | 9159854.38 | 0.4939 | A | 2.3 |
| 7 | ☐ | 5000.000 | 5025.822 | 17733017.93 | 1.0008 | A | 0.8 |
| 8 | ☐ | 10000.000 | 9988.869 | 34940929.48 | 1.9891 | A | 1.0 |
| 9 | ☐ | | | 7727.74 | 0.0004 | P | 19.5 |

y = 1.9913E-004 * x + 8.8790E-006
R = 1.0000
DL = 0.01258
BEC = 0.04459

Weight: <None>
Min Conc: 0

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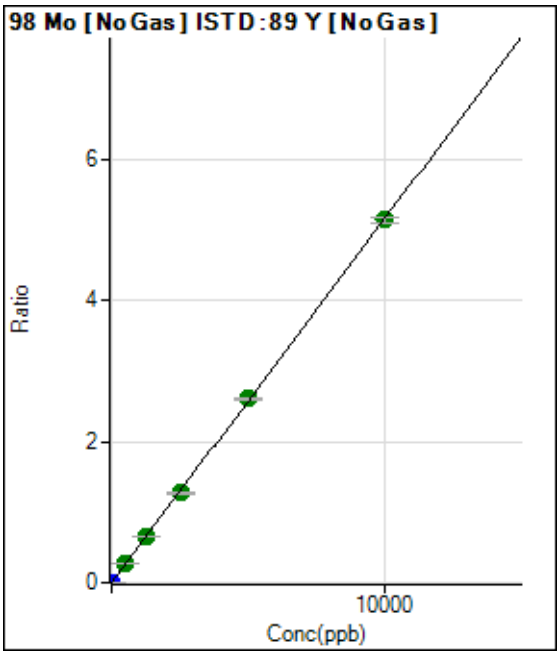
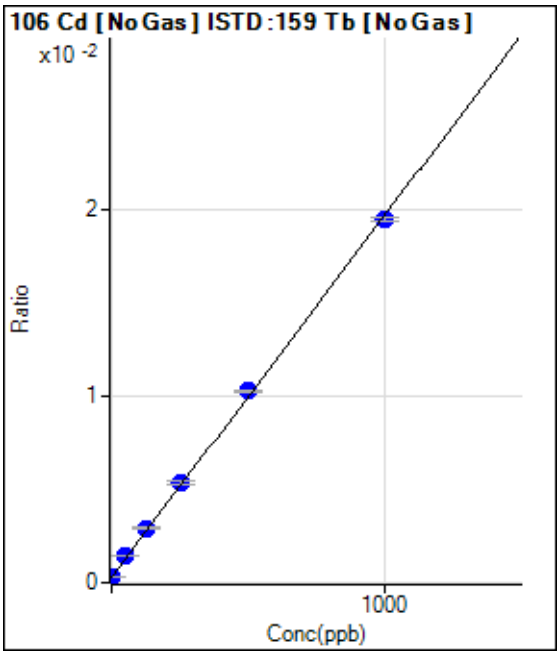



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 437.79 | 0.0000 | P | 7.2 |
| 2 | ☐ | 0.500 | 0.514 | 5601.12 | 0.0003 | P | 7.2 |
| 3 | ☐ | 5.000 | 5.182 | 53485.15 | 0.0027 | P | 1.5 |
| 4 | ☐ | 500.000 | 522.089 | 5258753.95 | 0.2689 | A | 0.3 |
| 5 | ☐ | 1250.000 | 1260.302 | 12309158.98 | 0.6490 | A | 1.3 |
| 6 | ☐ | 2500.000 | 2468.158 | 23570447.42 | 1.2709 | A | 1.9 |
| 7 | ☐ | 5000.000 | 5059.826 | 46163832.64 | 2.6054 | A | 0.5 |
| 8 | ☐ | 10000.000 | 9975.655 | 90228163.10 | 5.1366 | A | 1.4 |
| 9 | ☐ | | | 18877.12 | 0.0011 | P | 19.8 |

y = 5.1491E-004 * x + 2.2875E-005
R = 1.0000
DL = 0.009657
BEC = 0.04443

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4468.51 | 0.0003 | P | 4.6 |
| 2 | ☐ | 0.100 | 0.543 | 4685.24 | 0.0003 | P | 3.4 |
| 3 | ☐ | 1.000 | 1.796 | 5118.73 | 0.0003 | P | 0.9 |
| 4 | ☐ | 50.000 | 59.153 | 22834.71 | 0.0014 | P | 0.9 |
| 5 | ☐ | 125.000 | 136.134 | 46112.88 | 0.0029 | P | 2.2 |
| 6 | ☐ | 250.000 | 259.694 | 84186.68 | 0.0053 | P | 3.6 |
| 7 | ☐ | 500.000 | 514.525 | 157600.88 | 0.0102 | P | 1.2 |
| 8 | ☐ | 1000.000 | 988.464 | 298756.06 | 0.0194 | P | 1.0 |
| 9 | ☐ | | | 4344.02 | 0.0003 | P | 4.2 |

y = 1.9338E-005 * x + 2.8719E-004
R = 0.9998
DL = 2.049
BEC = 14.85

Weight: <None>
Min Conc: 0

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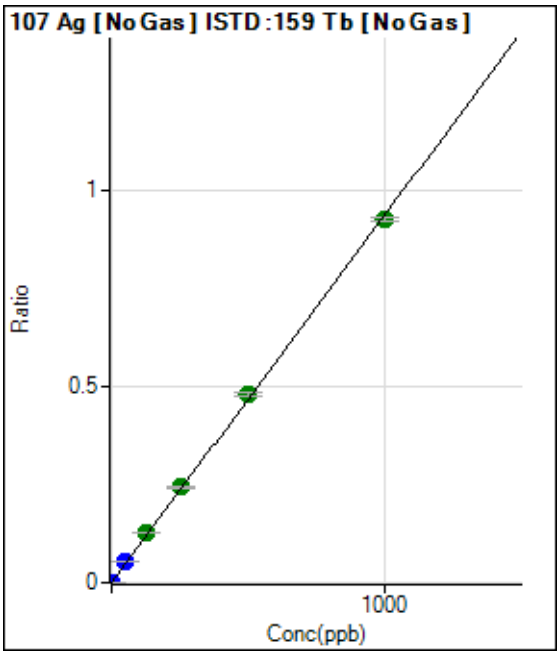
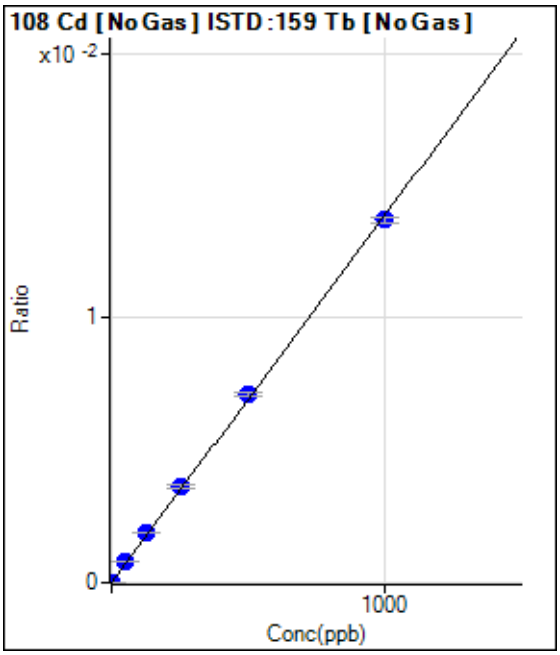



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 106.67 | 0.0000 | P | 16.3 |
| 2 | ☐ | 0.100 | 0.105 | 1659.00 | 0.0001 | P | 5.2 |
| 3 | ☐ | 1.000 | 1.123 | 16857.64 | 0.0011 | P | 1.0 |
| 4 | ☐ | 50.000 | 57.252 | 856641.86 | 0.0537 | P | 1.6 |
| 5 | ☐ | 125.000 | 136.974 | 2028947.02 | 0.1285 | A | 1.0 |
| 6 | ☐ | 250.000 | 260.603 | 3875975.11 | 0.2444 | A | 2.3 |
| 7 | ☐ | 500.000 | 514.580 | 7428867.81 | 0.4826 | A | 1.5 |
| 8 | ☐ | 1000.000 | 988.200 | 14269480.48 | 0.9267 | A | 0.9 |
| 9 | ☐ | | | 3158.16 | 0.0002 | P | 18.6 |

y = 9.3776E-004 * x + 6.8540E-006
R = 0.9997
DL = 0.003564
BEC = 0.007309

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0000 | P | 63.2 |
| 2 | ☐ | 0.100 | 0.135 | 42.22 | 0.0000 | P | 36.8 |
| 3 | ☐ | 1.000 | 1.224 | 282.23 | 0.0000 | P | 6.6 |
| 4 | ☐ | 50.000 | 57.519 | 12729.00 | 0.0008 | P | 1.7 |
| 5 | ☐ | 125.000 | 135.482 | 29665.91 | 0.0019 | P | 1.2 |
| 6 | ☐ | 250.000 | 261.462 | 57472.02 | 0.0036 | P | 3.1 |
| 7 | ☐ | 500.000 | 513.443 | 109550.61 | 0.0071 | P | 1.2 |
| 8 | ☐ | 1000.000 | 988.727 | 210984.02 | 0.0137 | P | 1.4 |
| 9 | ☐ | | | 115.56 | 0.0000 | P | 25.1 |

y = 1.3858E-005 * x + 7.8736E-007
R = 0.9998
DL = 0.1077
BEC = 0.05682

Weight: <None>
Min Conc: 0

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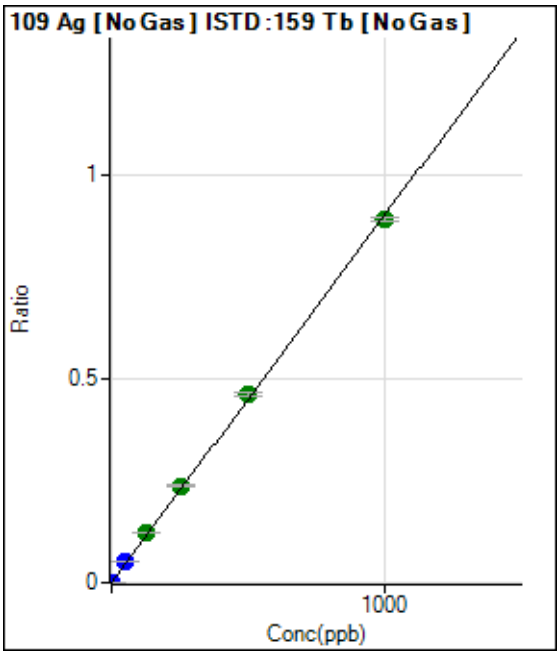
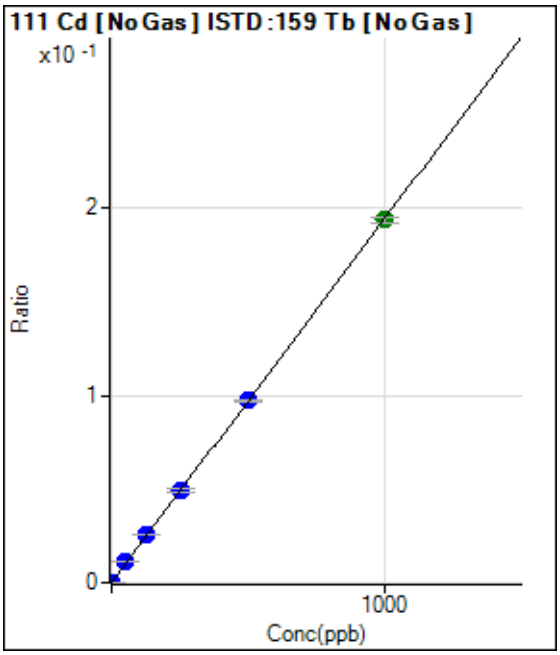



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 53.33 | 0.0000 | P | 12.4 |
| 2 | ☐ | 0.100 | 0.109 | 1595.66 | 0.0001 | P | 6.5 |
| 3 | ☐ | 1.000 | 1.120 | 16076.79 | 0.0010 | P | 2.5 |
| 4 | ☐ | 50.000 | 57.035 | 818884.30 | 0.0513 | P | 1.4 |
| 5 | ☐ | 125.000 | 137.415 | 1953302.37 | 0.1237 | A | 0.6 |
| 6 | ☐ | 250.000 | 262.246 | 3743080.84 | 0.2360 | A | 1.9 |
| 7 | ☐ | 500.000 | 514.504 | 7127618.85 | 0.4630 | A | 1.7 |
| 8 | ☐ | 1000.000 | 987.783 | 13687033.41 | 0.8889 | A | 1.1 |
| 9 | ☐ | | | 2889.21 | 0.0002 | P | 16.3 |

y = 8.9987E-004 * x + 3.4277E-006
R = 0.9997
DL = 0.001412
BEC = 0.003809

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 908.54 | 0.0001 | P | 4.3 |
| 2 | ☑ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.207 | 4656.84 | 0.0003 | P | 3.7 |
| 4 | ☐ | 50.000 | 55.666 | 173452.76 | 0.0109 | P | 1.3 |
| 5 | ☐ | 125.000 | 131.168 | 403367.50 | 0.0255 | P | 1.0 |
| 6 | ☐ | 250.000 | 252.794 | 779696.24 | 0.0492 | P | 2.8 |
| 7 | ☐ | 500.000 | 501.229 | 1499847.72 | 0.0974 | P | 1.2 |
| 8 | ☐ | 1000.000 | 997.632 | 2984858.91 | 0.1939 | A | 1.7 |
| 9 | ☐ | | | 1480.90 | 0.0001 | P | 3.7 |

y = 1.9425E-004 * x + 5.8391E-005
R = 1.0000
DL = 0.03846
BEC = 0.3006

Weight: <None>
Min Conc: 0

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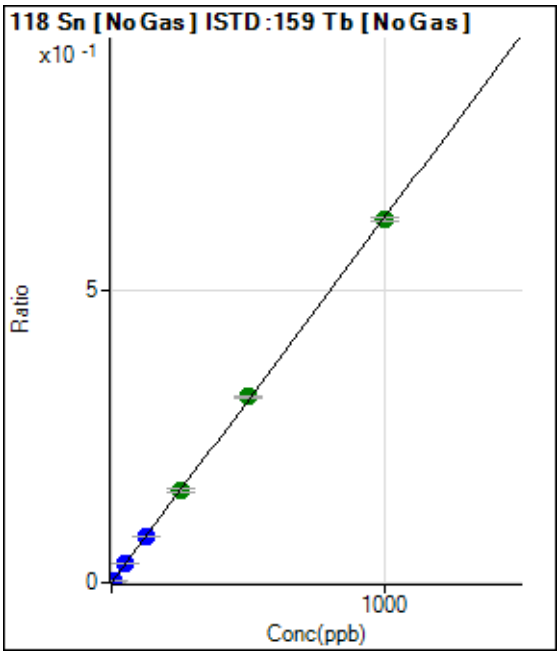
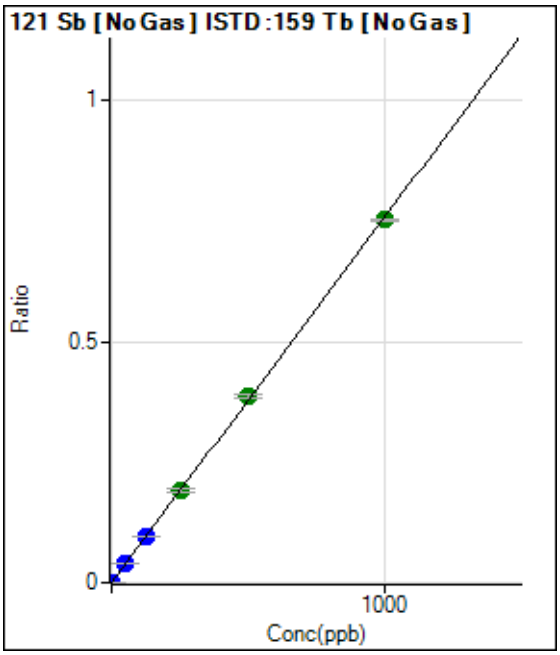



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1097.83 | 0.0001 | P | 8.2 |
| 2 | ☐ | 0.500 | 0.587 | 6862.80 | 0.0004 | P | 3.6 |
| 3 | ☐ | 5.000 | 5.630 | 56876.25 | 0.0036 | P | 1.4 |
| 4 | ☐ | 50.000 | 53.915 | 536854.94 | 0.0337 | P | 1.7 |
| 5 | ☐ | 125.000 | 127.357 | 1253960.40 | 0.0794 | P | 1.2 |
| 6 | ☐ | 250.000 | 253.205 | 2502186.02 | 0.1578 | A | 2.6 |
| 7 | ☐ | 500.000 | 509.587 | 4887453.29 | 0.3175 | A | 1.0 |
| 8 | ☐ | 1000.000 | 993.911 | 9533235.55 | 0.6191 | A | 0.9 |
| 9 | ☐ | | | 3757.20 | 0.0003 | P | 11.4 |

y = 6.2284E-004 * x + 7.0562E-005
R = 0.9999
DL = 0.0279
BEC = 0.1133

Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 58.89 | 0.0000 | P | 32.7 |
| 2 | ☐ | 0.200 | 0.230 | 2793.63 | 0.0002 | P | 4.9 |
| 3 | ☐ | 2.000 | 2.196 | 26491.13 | 0.0017 | P | 2.7 |
| 4 | ☐ | 50.000 | 53.243 | 643034.95 | 0.0403 | P | 1.3 |
| 5 | ☐ | 125.000 | 125.903 | 1505247.63 | 0.0953 | P | 1.1 |
| 6 | ☐ | 250.000 | 252.216 | 3027480.89 | 0.1909 | A | 3.0 |
| 7 | ☐ | 500.000 | 511.438 | 5959692.06 | 0.3871 | A | 1.3 |
| 8 | ☐ | 1000.000 | 993.452 | 11578969.83 | 0.7520 | A | 0.8 |
| 9 | ☐ | | | 7479.80 | 0.0005 | P | 7.5 |

y = 7.5692E-004 * x + 3.7892E-006
R = 0.9999
DL = 0.004907
BEC = 0.005006

Weight: <None>
Min Conc: 0

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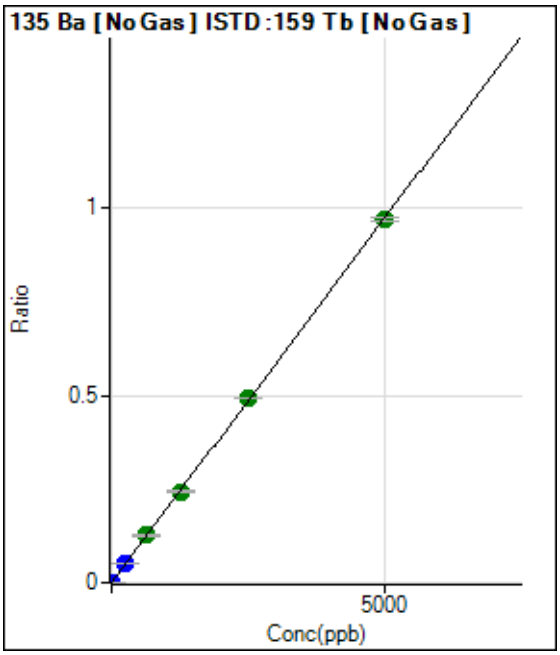
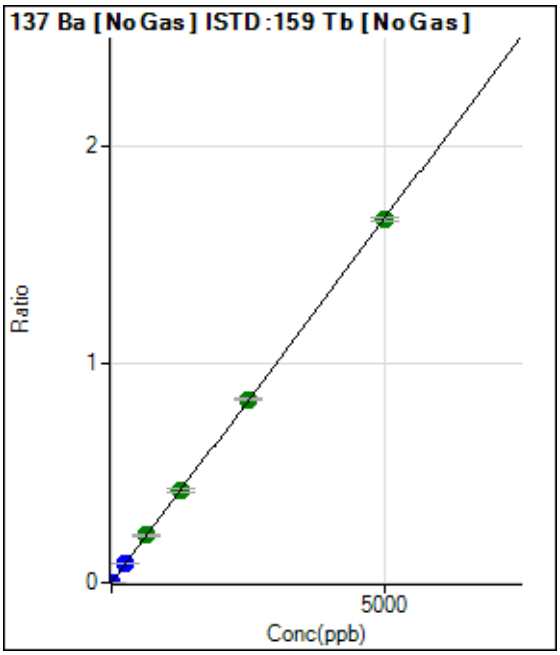



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 61.11 | 0.0000 | P | 14.2 |
| 2 | ☐ | 1.000 | 1.084 | 3374.88 | 0.0002 | P | 3.5 |
| 3 | ☐ | 10.000 | 10.794 | 33414.73 | 0.0021 | P | 1.3 |
| 4 | ☐ | 250.000 | 260.679 | 808272.92 | 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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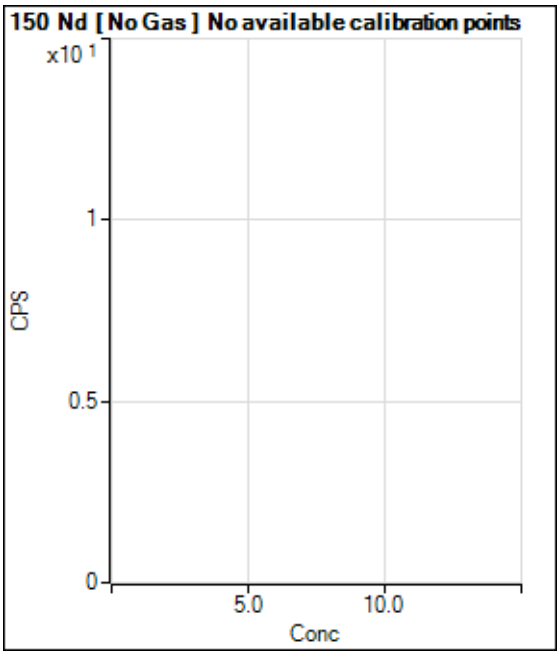
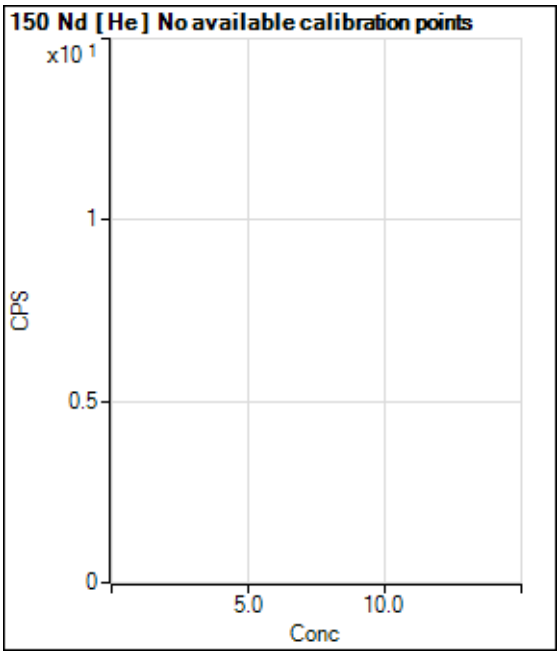



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 6.67 | | P | 0.0 |
| 2 | ☐ | | | 10.00 | | P | 33.3 |
| 3 | ☐ | | | 5.56 | | P | 34.7 |
| 4 | ☐ | | | 54.44 | | P | 31.4 |
| 5 | ☐ | | | 98.89 | | P | 10.3 |
| 6 | ☐ | | | 206.67 | | P | 14.8 |
| 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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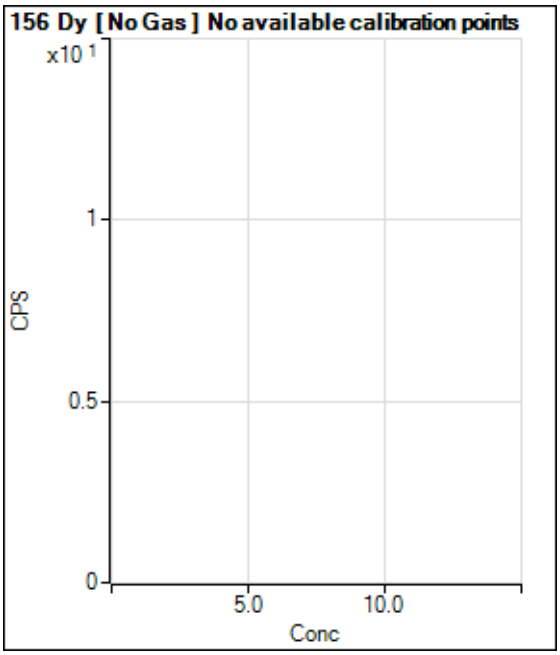
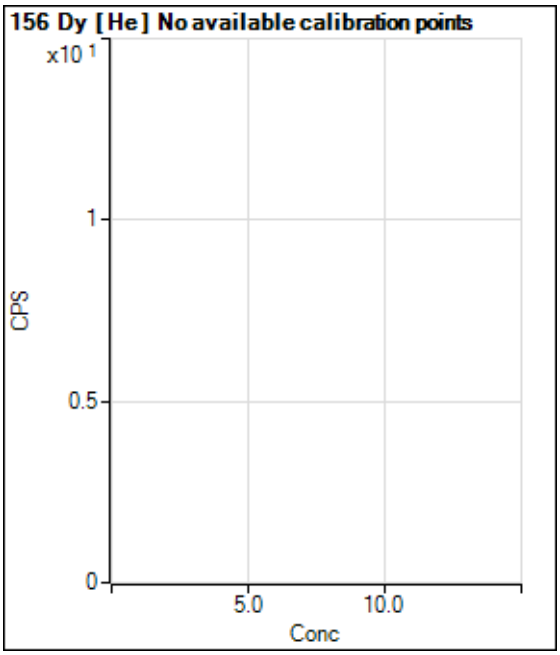



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 12.22 | | P | 56.8 |
| 2 | ☐ | | | 10.00 | | P | 66.7 |
| 3 | ☐ | | | 15.56 | | P | 49.5 |
| 4 | ☐ | | | 30.00 | | P | 80.1 |
| 5 | ☐ | | | 52.22 | | P | 43.4 |
| 6 | ☐ | | | 70.00 | | P | 29.7 |
| 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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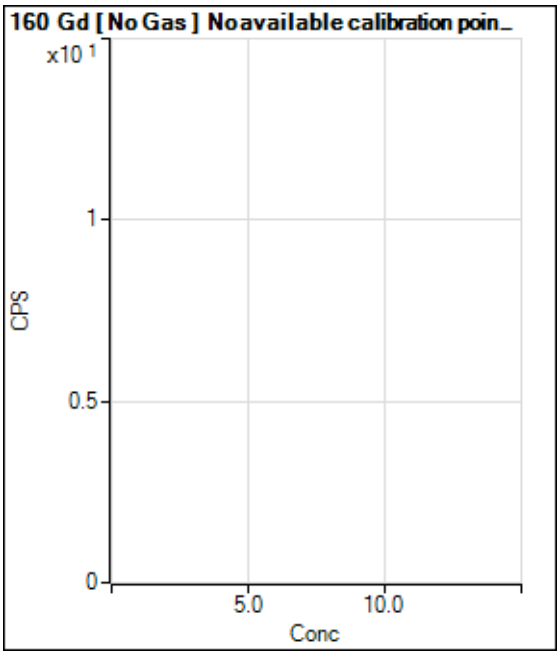
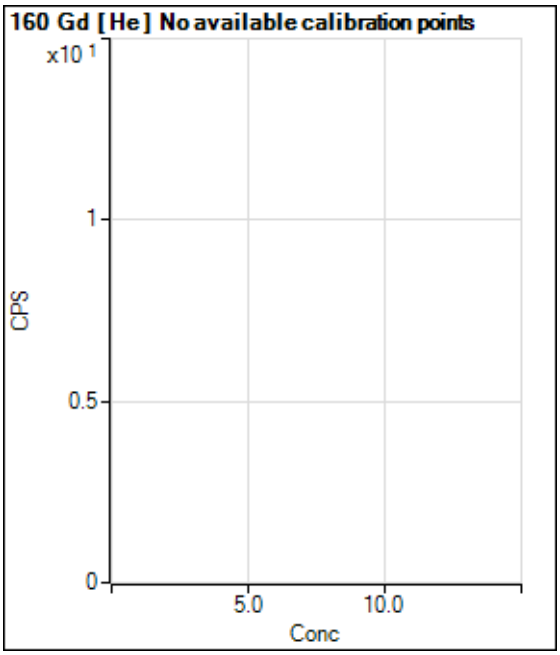
Inst Id :P7




| | 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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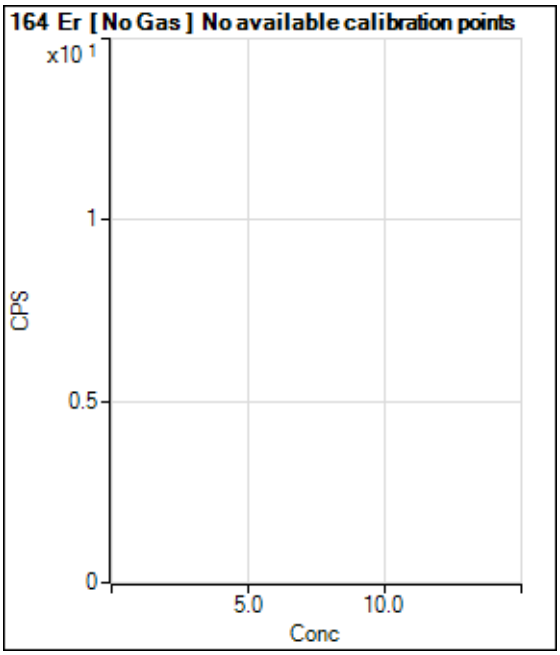
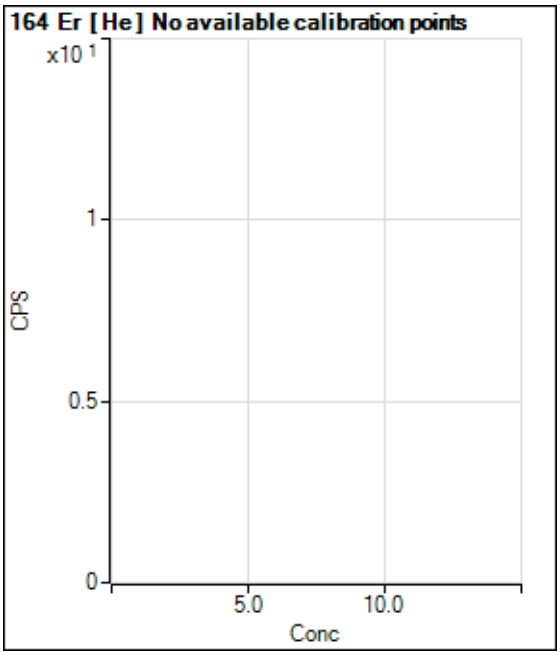



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 70.00 | | P | 24.7 |
| 2 | ☐ | | | 75.56 | | P | 6.7 |
| 3 | ☐ | | | 62.22 | | P | 29.5 |
| 4 | ☐ | | | 67.78 | | P | 10.2 |
| 5 | ☐ | | | 97.78 | | P | 24.2 |
| 6 | ☐ | | | 105.56 | | P | 23.7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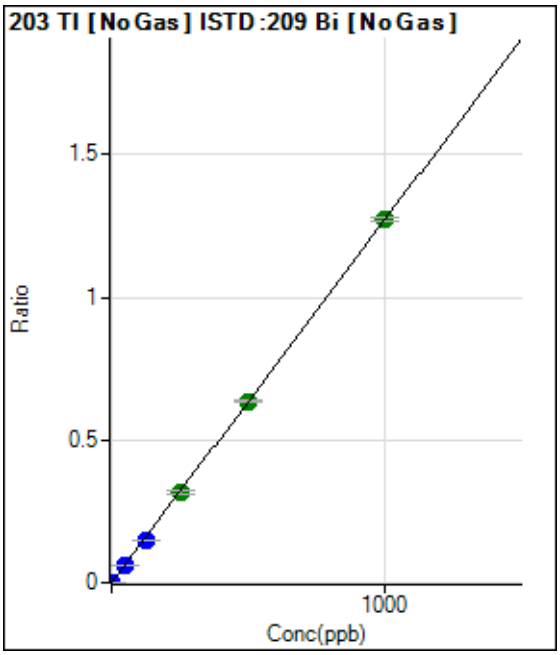
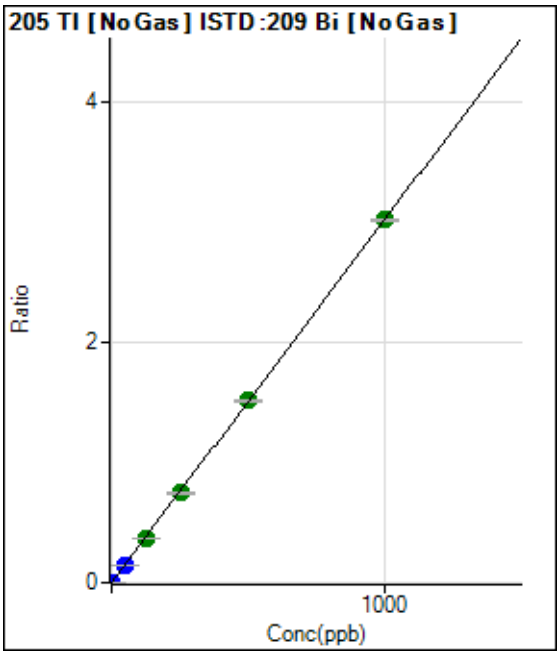



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 395.57 | 0.0000 | P | 9.2 |
| 2 | ☐ | 0.100 | 0.095 | 1524.55 | 0.0002 | P | 6.0 |
| 3 | ☐ | 1.000 | 1.020 | 12433.56 | 0.0013 | P | 2.5 |
| 4 | ☐ | 50.000 | 49.783 | 590322.23 | 0.0632 | 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

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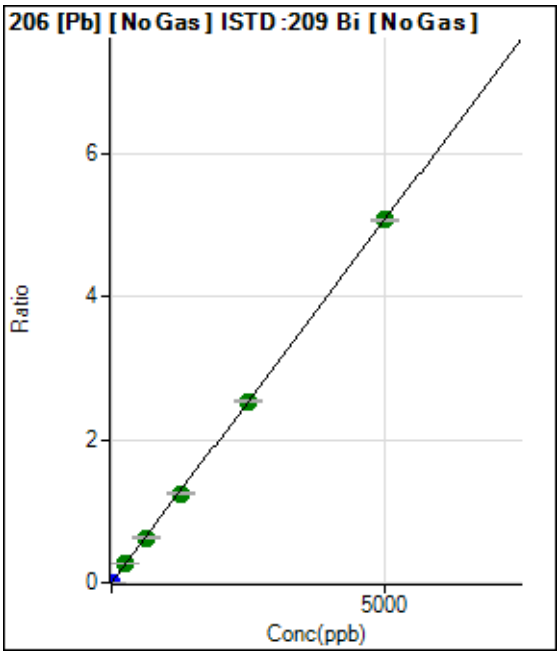
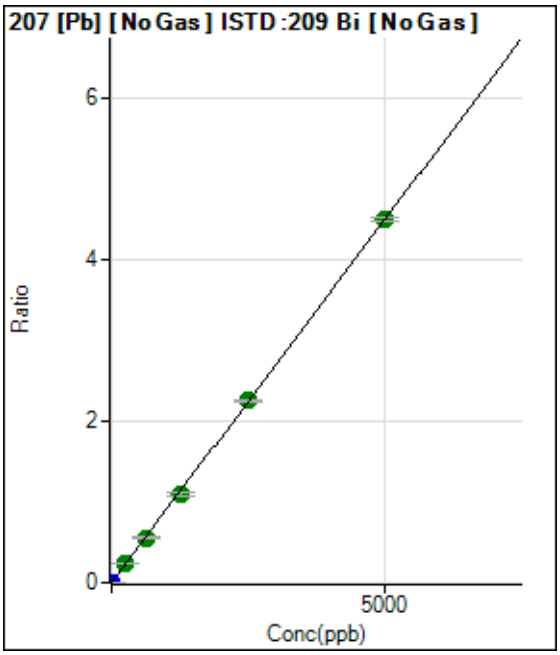



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 411.12 | 0.0000 | P | 9.7 |
| 2 | ☐ | 0.100 | 0.100 | 1360.09 | 0.0001 | P | 4.1 |
| 3 | ☐ | 1.000 | 1.008 | 9913.71 | 0.0011 | P | 2.7 |
| 4 | ☐ | 250.000 | 257.012 | 2434297.04 | 0.2608 | 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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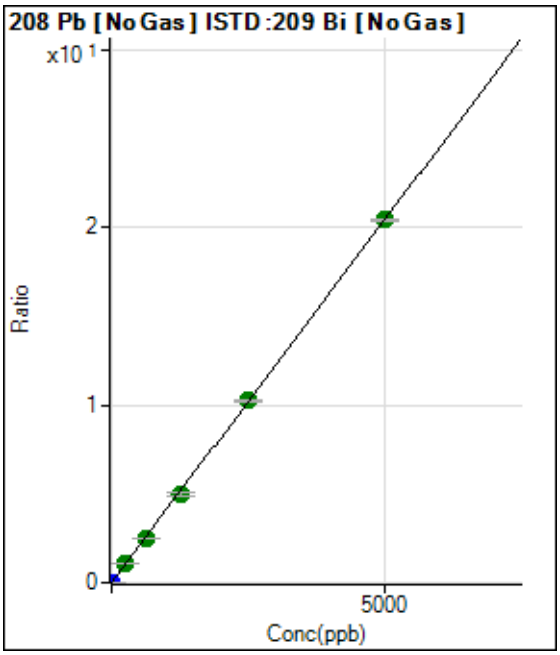
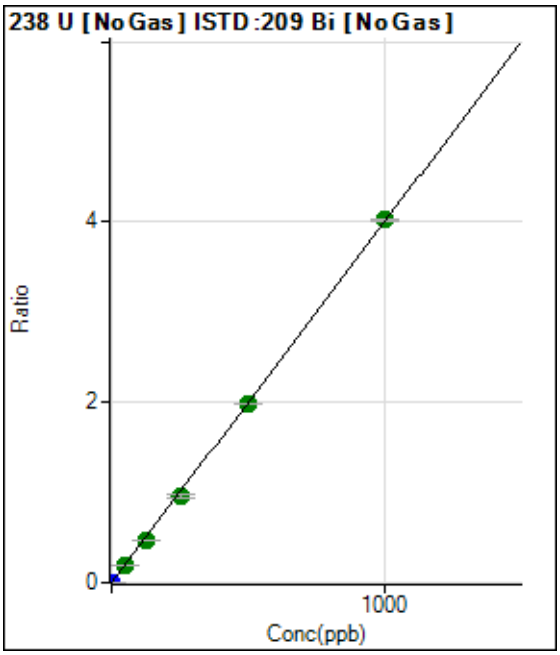



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1564.50 | 0.0002 | P | 3.1 |
| 2 | ☐ | 0.100 | 0.099 | 5344.92 | 0.0006 | P | 3.4 |
| 3 | ☐ | 1.000 | 1.000 | 39520.50 | 0.0043 | P | 2.7 |
| 4 | ☐ | 250.000 | 258.686 | 9867020.25 | 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

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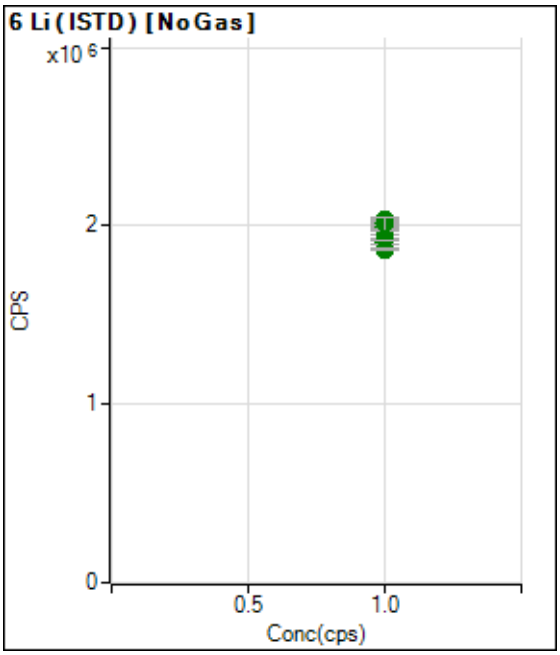
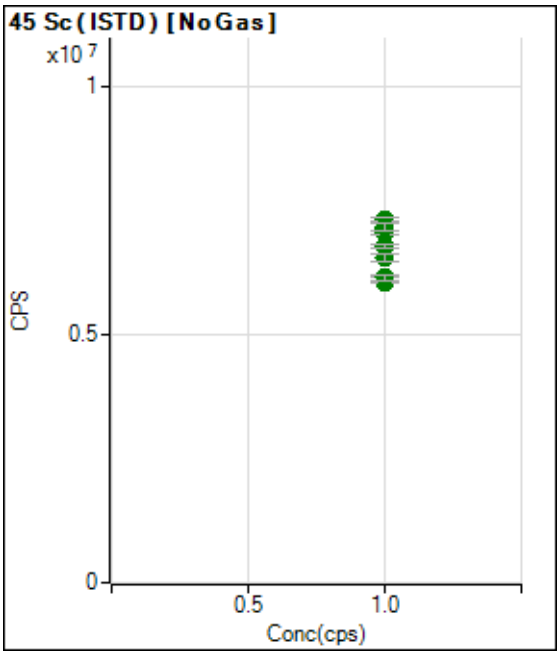



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1954229.99 | | A | 0.2 |
| 2 | ☐ | 1.000 | | 1974647.30 | | A | 5.5 |
| 3 | ☐ | 1.000 | | 2008203.55 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 2033670.73 | | A | 0.4 |
| 5 | ☐ | 1.000 | | 1994896.78 | | A | 1.1 |
| 6 | ☐ | 1.000 | | 2010796.34 | | A | 3.3 |
| 7 | ☐ | 1.000 | | 1924923.62 | | A | 0.8 |
| 8 | ☐ | 1.000 | | 1906867.00 | | A | 0.8 |
| 9 | ☐ | 1.000 | | 1865885.91 | | A | 0.6 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7066083.02 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 7159420.80 | | A | 3.9 |
| 3 | ☐ | 1.000 | | 7322207.46 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 7180610.03 | | A | 1.8 |
| 5 | ☐ | 1.000 | | 6783289.69 | | A | 1.3 |
| 6 | ☐ | 1.000 | | 6571435.53 | | A | 2.3 |
| 7 | ☐ | 1.000 | | 6184504.28 | | A | 0.4 |
| 8 | ☐ | 1.000 | | 6072434.21 | | A | 0.6 |
| 9 | ☐ | 1.000 | | 6155588.73 | | A | 1.9 |

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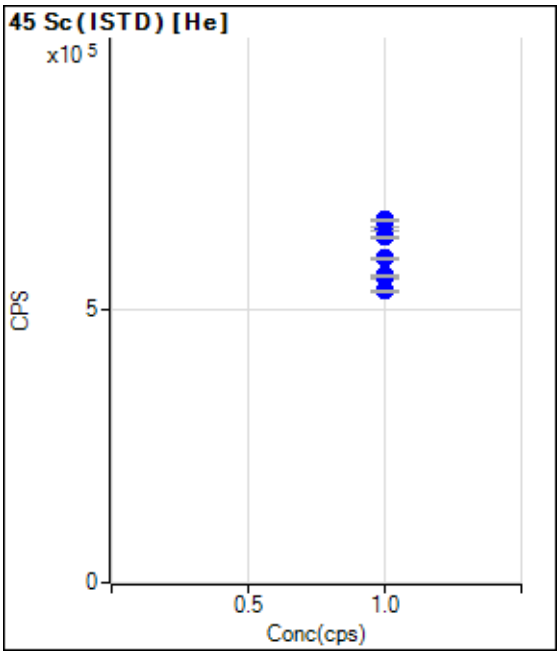
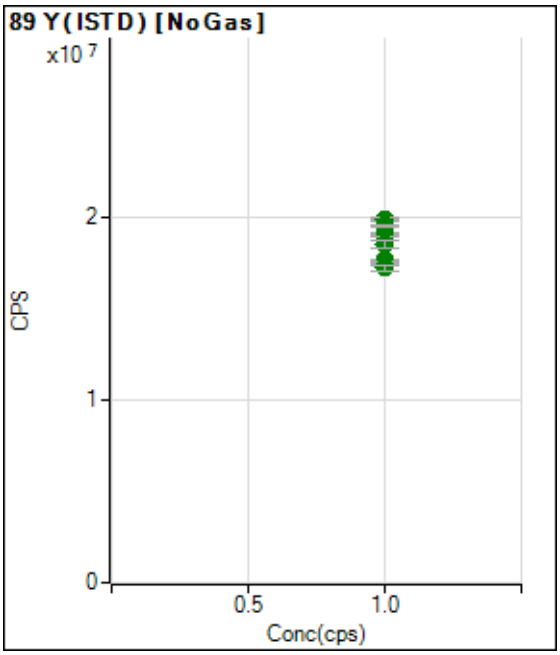



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 645578.91 | | P | 0.8 |
| 2 | ☐ | 1.000 | | 662554.35 | | P | 0.1 |
| 3 | ☐ | 1.000 | | 661361.55 | | P | 0.8 |
| 4 | ☐ | 1.000 | | 631213.47 | | P | 0.8 |
| 5 | ☐ | 1.000 | | 591752.27 | | P | 0.2 |
| 6 | ☐ | 1.000 | | 557451.76 | | P | 0.6 |
| 7 | ☐ | 1.000 | | 532153.28 | | P | 0.5 |
| 8 | ☐ | 1.000 | | 532525.87 | | P | 0.7 |
| 9 | ☐ | 1.000 | | 561056.34 | | P | 0.6 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 19142123.47 | | A | 0.4 |
| 2 | ☐ | 1.000 | | 19513656.79 | | A | 4.2 |
| 3 | ☐ | 1.000 | | 19877604.43 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 19560334.99 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 18968148.47 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 18551159.31 | | A | 2.1 |
| 7 | ☐ | 1.000 | | 17718931.68 | | A | 0.3 |
| 8 | ☐ | 1.000 | | 17567176.27 | | A | 0.9 |
| 9 | ☐ | 1.000 | | 17239538.63 | | A | 1.4 |

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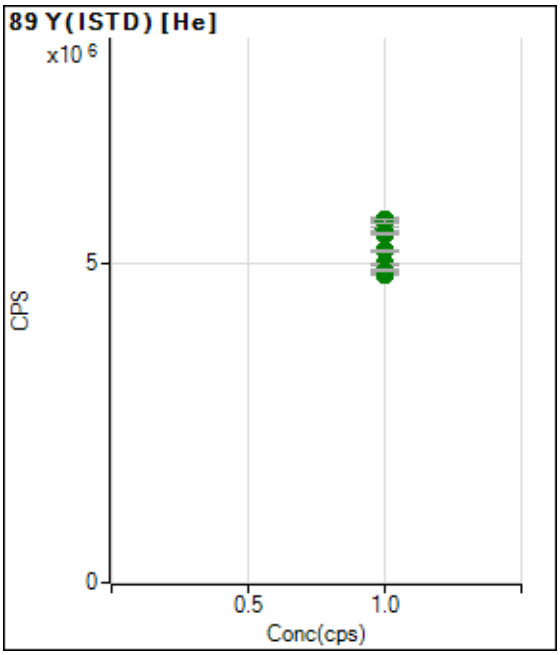
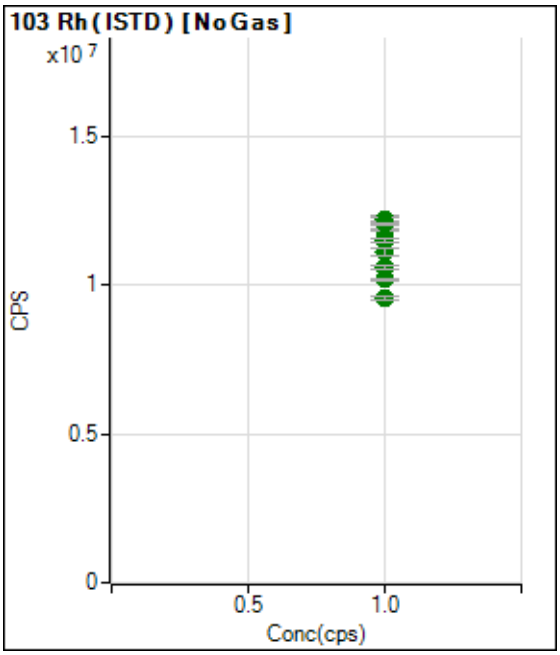



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 5547282.49 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 5691696.44 | | A | 0.9 |
| 3 | ☐ | 1.000 | | 5660092.35 | | A | 1.0 |
| 4 | ☐ | 1.000 | | 5467609.22 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 5204723.15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

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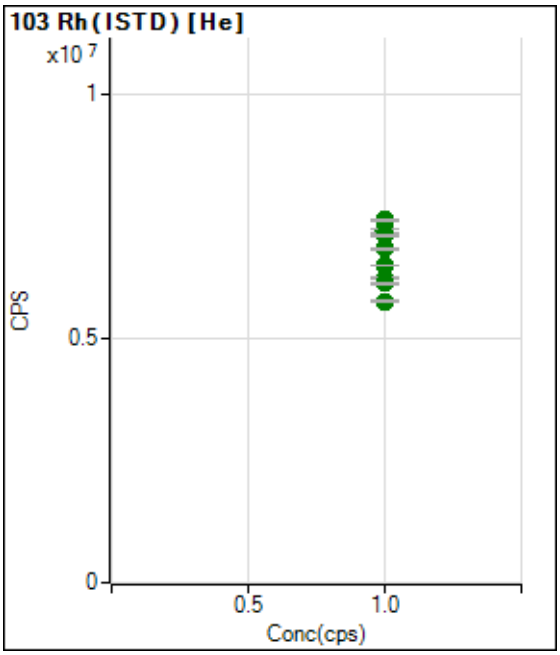
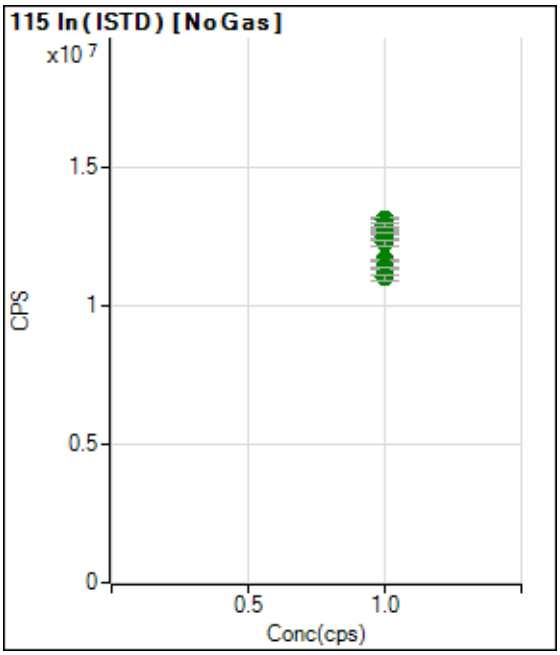



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 7206836.77 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 7442425.03 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 7421020.17 | | A | 0.6 |
| 4 | ☐ | 1.000 | | 7127492.33 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 6847515.11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

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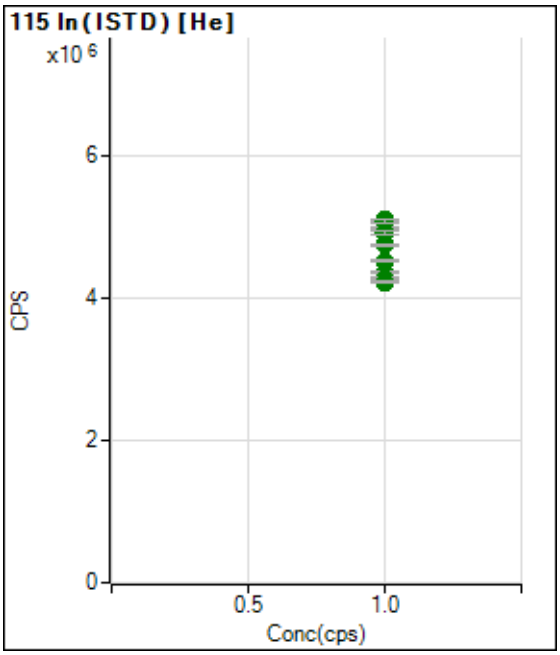
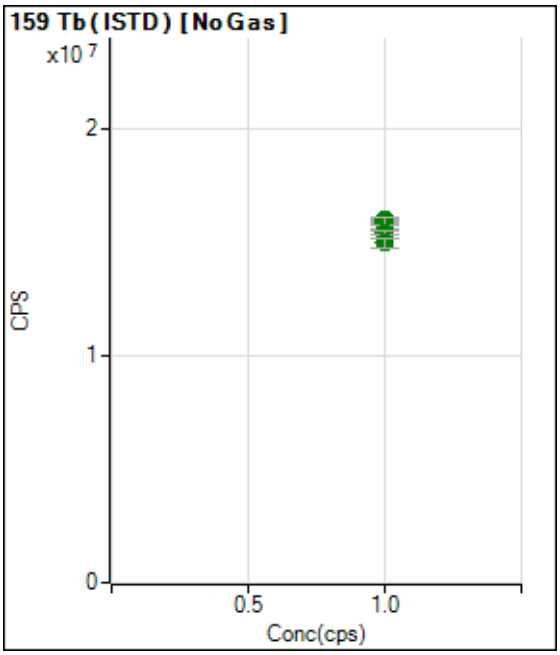



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4991854.58 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 5108322.07 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 5086472.18 | | A | 1.1 |
| 4 | ☐ | 1.000 | | 4935463.34 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 4757380.33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

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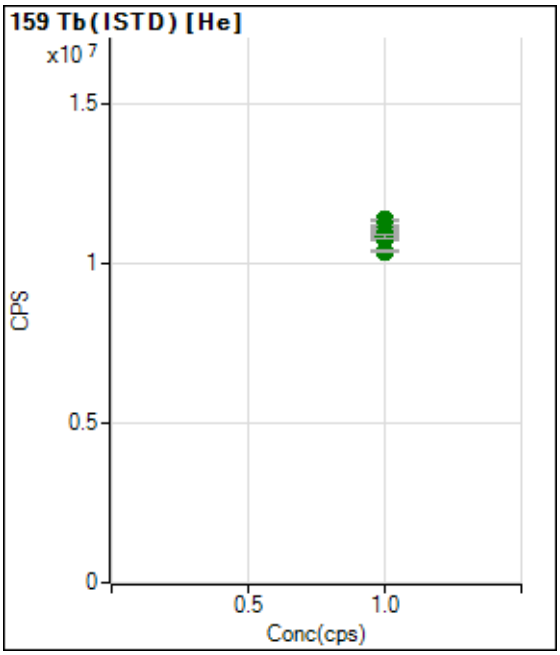
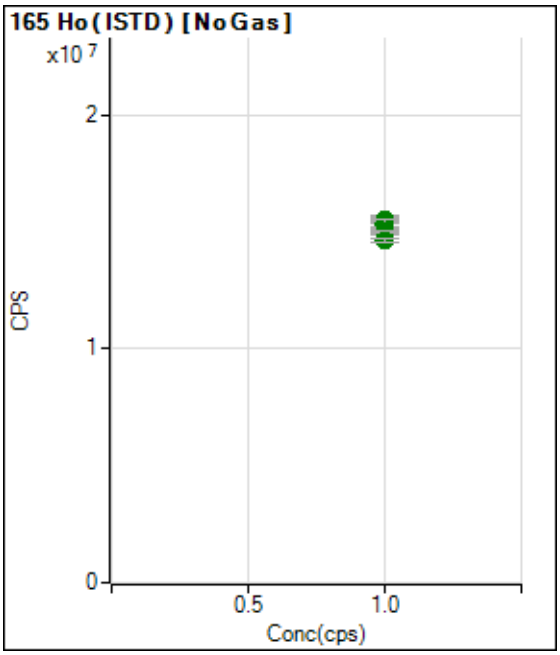
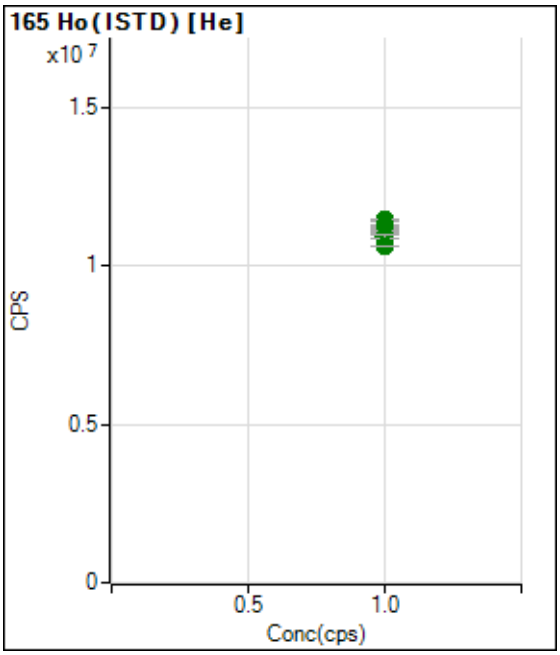



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11134491.64 | | A | 1.5 |
| 2 | ☐ | 1.000 | | 11348718.44 | | A | 0.2 |
| 3 | ☐ | 1.000 | | 11355734.83 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 11168428.03 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 11034654.42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

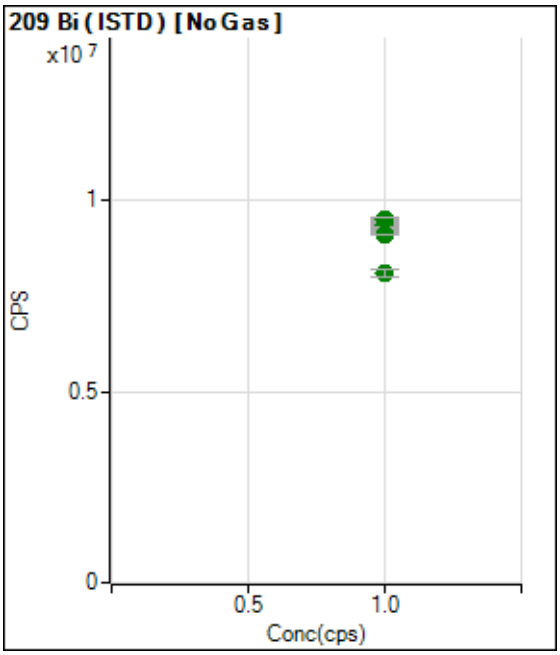



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 15049907.55 | | A | 1.2 |
| 2 | ☐ | 1.000 | | 15433620.60 | | A | 3.8 |
| 3 | ☐ | 1.000 | | 15520439.63 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 15462475.60 | | A | 0.2 |
| 5 | ☐ | 1.000 | | 15303541.02 | | 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:1/2/2025 10:28:08 PM
Inst Id :P7

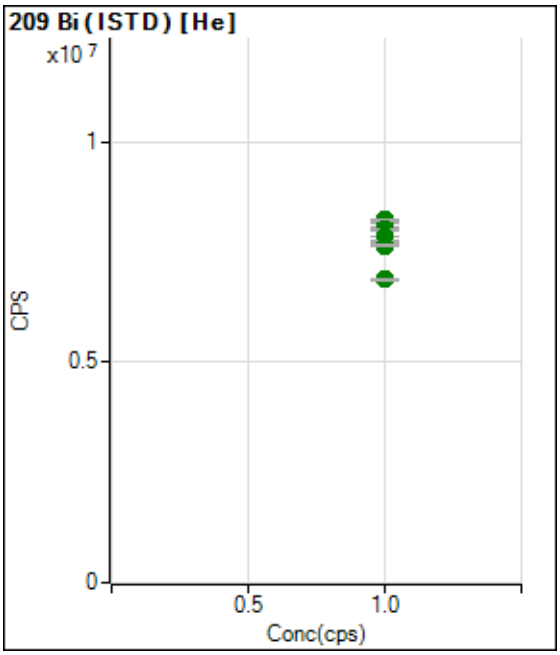



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11301950.39 | | A | 0.3 |
| 2 | ☐ | 1.000 | | 11454861.22 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 11454848.58 | | A | 0.4 |
| 4 | ☐ | 1.000 | | 11288924.28 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 11200243.03 | | 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:1/2/2025 10:28:08 PM
Inst Id :P7




| | 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:1/2/2025 10:28:08 PM
Inst Id :P7
ClientSampleId :TUNE

# 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 | |

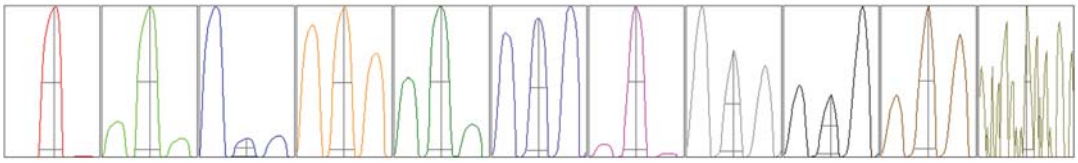
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 7587 | 7490 | 7581 | 7617 | 7628 |
| 24 | 229970 | 229225 | 232129 | 231138 | 235634 |
| 25 | 26895 | 26696 | 26967 | 27138 | 27414 |
| 26 | 30120 | 29899 | 30274 | 30382 | 30455 |
| 59 | 84592 | 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:1/2/2025 10:28:08 PM
Inst Id :P7
ClientSampleId :TUNE

| | | | | | |
|---|---|---|---|---|---|
| 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S00 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S00 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S00 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:36:11 | DataFile Name : | 003CALB.d |

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

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:55:56 | DataFile Name : | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 118.99 | 117.37 | 119.66 | 118.67 | 0.99 | ppb |
| Vanadium | 51-2 | 124.31 | 123.31 | 122.79 | 123.47 | 0.62 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 1282.37 | 1267.26 | 1266.73 | 1272.12 | 0.70 | ppb |
| Zirconium | 90-1 | 125.89 | 127.28 | 126.65 | 126.61 | 0.55 | ppb |
| Zirconium | 91-1 | 123.60 | 122.60 | 121.85 | 122.69 | 0.72 | ppb |

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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 |

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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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|---|---|---|---|
| LB Number : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICV003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV003 | 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 |

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICV003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 209.57 | 209.36 | 212.59 | 210.51 | 0.86 | ppb |
| Lead | 207-1 | 183.02 | 189.90 | 190.26 | 187.73 | 2.17 | ppb |
| Lead | 208-1 | 198.44 | 202.68 | 203.40 | 201.51 | 1.33 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 1188.13 | 1197.38 | 1182.89 | 1189.46 | 0.62 | ppb |
| Manganese | 55-2 | 102.00 | 102.41 | 102.57 | 102.32 | 0.29 | ppb |
| Molybdenum | 94-1 | 4047.36 | 3963.20 | 3996.50 | 4002.35 | 1.06 | ppb |
| Molybdenum | 95-1 | 4891.81 | 4839.15 | 4849.27 | 4860.08 | 0.57 | ppb |
| Molybdenum | 96-1 | 4794.83 | 4744.80 | 4799.51 | 4779.71 | 0.63 | ppb |
| Molybdenum | 97-1 | 4851.09 | 4839.40 | 4844.60 | 4845.03 | 0.12 | ppb |
| Molybdenum | 98-1 | 4803.82 | 4782.71 | 4838.06 | 4808.19 | 0.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 107.72 | 108.12 | 107.71 | 107.85 | 0.22 | ppb |
| Phosphorus | 31-2 | -15.63 | -19.00 | -15.78 | -16.80 | | ppb |
| Potassium | 39-2 | 2052.65 | 2063.76 | 2049.27 | 2055.23 | 0.37 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 215.66 | 213.68 | 218.09 | 215.81 | 1.02 | ppb |
| Selenium | 77-2 | 220.85 | 230.62 | 223.55 | 225.01 | 2.24 | ppb |
| Selenium | 78-2 | 219.22 | 220.76 | 218.81 | 219.60 | 0.47 | ppb |
| Silicon | 28-1 | -3.05 | -3.63 | -3.36 | -3.35 | | ppb |
| Silver | 107-1 | 51.10 | 52.60 | 51.97 | 51.89 | 1.45 | ppb |
| Silver | 109-1 | 51.23 | 52.53 | 52.36 | 52.04 | 1.35 | ppb |
| Sodium | 23-2 | 2095.35 | 2060.58 | 2043.57 | 2066.50 | 1.28 | ppb |
| Strontium | 86-1 | 5.92 | 6.60 | 6.35 | 6.29 | 5.47 | ppb |
| Strontium | 88-1 | 6.44 | 6.36 | 6.30 | 6.37 | 1.04 | ppb |
| Sulfur | 34-1 | -32.63 | -187.17 | -166.04 | -128.61 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 203.38 | 205.46 | 208.01 | 205.62 | 1.13 | ppb |
| Thallium | 205-1 | 202.92 | 207.95 | 207.65 | 206.17 | 1.37 | ppb |
| Tin | 118-1 | 0.01 | 0.01 | 0.01 | 0.01 | 10.51 | ppb |
| Titanium | 47-1 | 0.23 | 0.24 | 0.21 | 0.23 | 6.72 | ppb |

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICV003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:30:11 | DataFile Name : | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 16.57 | ppb |
| Vanadium | 51-2 | 101.97 | 101.48 | 100.92 | 101.46 | 0.52 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 92 | | % |
| Zinc | 66-2 | 208.73 | 211.17 | 208.85 | 209.58 | 0.66 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.97 | ppb |
| Zirconium | 91-1 | 0.08 | 0.10 | 0.07 | 0.08 | 16.75 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB003 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB003 | 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 |

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB003 | 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 |

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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSA003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA003 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSA003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA003 | 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

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSA003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA003 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB003 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB003 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB003 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV021 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV021 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2561.83 | 2551.53 | 2609.35 | 2574.24 | 1.20 | ppb |
| Lead | 207-1 | 2562.51 | 2551.06 | 2597.12 | 2570.23 | 0.93 | ppb |
| Lead | 208-1 | 2551.68 | 2551.35 | 2597.76 | 2566.93 | 1.04 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 253468.80 | 251296.18 | 252192.66 | 252319.22 | 0.43 | ppb |
| Manganese | 55-2 | 4965.30 | 4941.33 | 4952.20 | 4952.95 | 0.24 | ppb |
| Molybdenum | 94-1 | 5002.95 | 5123.47 | 5046.46 | 5057.63 | 1.21 | ppb |
| Molybdenum | 95-1 | 5041.22 | 5082.51 | 5035.55 | 5053.10 | 0.51 | ppb |
| Molybdenum | 96-1 | 5039.02 | 5062.07 | 5082.74 | 5061.28 | 0.43 | ppb |
| Molybdenum | 97-1 | 5063.36 | 5104.29 | 5053.38 | 5073.67 | 0.53 | ppb |
| Molybdenum | 98-1 | 5052.27 | 5075.09 | 5030.54 | 5052.64 | 0.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 469.50 | 464.76 | 467.44 | 467.23 | 0.51 | ppb |
| Phosphorus | 31-2 | 10144.01 | 9954.45 | 9970.76 | 10023.07 | 1.05 | ppb |
| Potassium | 39-2 | 125543.18 | 125278.78 | 125066.15 | 125296.04 | 0.19 | ppb |
| Rhodium | 103-1 | | | | 87 | | % |
| Rhodium | 103-2 | | | | 86 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 88 | | % |
| Selenium | 82-1 | 477.18 | 485.61 | 482.48 | 481.76 | 0.88 | ppb |
| Selenium | 77-2 | 475.11 | 499.04 | 478.86 | 484.34 | 2.66 | ppb |
| Selenium | 78-2 | 484.99 | 485.03 | 471.13 | 480.38 | 1.67 | ppb |
| Silicon | 28-1 | 250.49 | 249.88 | 253.61 | 251.33 | 0.80 | ppb |
| Silver | 107-1 | 483.24 | 484.20 | 490.06 | 485.83 | 0.76 | ppb |
| Silver | 109-1 | 490.72 | 485.59 | 495.59 | 490.63 | 1.02 | ppb |
| Sodium | 23-2 | 249921.38 | 251072.30 | 250852.47 | 250615.39 | 0.24 | ppb |
| Strontium | 86-1 | 12668.98 | 12779.74 | 12603.73 | 12684.15 | 0.70 | ppb |
| Strontium | 88-1 | 12493.27 | 12761.99 | 12663.77 | 12639.68 | 1.08 | ppb |
| Sulfur | 34-1 | 9715.87 | 9745.44 | 9836.34 | 9765.88 | 0.64 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 512.52 | 522.19 | 525.88 | 520.19 | 1.33 | ppb |
| Thallium | 205-1 | 513.13 | 517.24 | 523.64 | 518.00 | 1.02 | ppb |
| Tin | 118-1 | 499.78 | 501.75 | 506.86 | 502.80 | 0.73 | ppb |
| Titanium | 47-1 | 4983.13 | 4989.57 | 5015.13 | 4995.94 | 0.34 | ppb |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV021 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB021 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB021 | 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 |



1200

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB021 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:51:19 | DataFile Name : | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.03 | 0.04 | 0.04 | 0.04 | 9.00 | ppb |
| Vanadium | 51-2 | 0.02 | 0.02 | 0.01 | 0.02 | 18.68 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 0.32 | 0.20 | 0.24 | 0.25 | 25.00 | ppb |
| Zirconium | 90-1 | 0.06 | 0.07 | 0.08 | 0.07 | 11.96 | ppb |
| Zirconium | 91-1 | 0.06 | 0.08 | 0.09 | 0.08 | 17.86 | ppb |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.41 | 0.46 | 0.42 | 0.43 | 5.53 | ppb |
| Lead | 207-1 | 0.40 | 0.37 | 0.42 | 0.40 | 6.76 | ppb |
| Lead | 208-1 | 0.41 | 0.42 | 0.42 | 0.42 | 1.36 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 20731.90 | 20431.91 | 20414.00 | 20525.94 | 0.87 | ppb |
| Manganese | 55-2 | 1640.96 | 1648.68 | 1645.36 | 1645.00 | 0.24 | ppb |
| Molybdenum | 94-1 | 0.75 | 0.79 | 0.71 | 0.75 | 5.18 | ppb |
| Molybdenum | 95-1 | 0.05 | 0.04 | 0.04 | 0.04 | 11.88 | ppb |
| Molybdenum | 96-1 | 0.83 | 0.82 | 0.87 | 0.84 | 3.11 | ppb |
| Molybdenum | 97-1 | 0.06 | 0.06 | 0.06 | 0.06 | 5.15 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.03 | 0.02 | 11.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 13.54 | 13.85 | 13.56 | 13.65 | 1.27 | ppb |
| Phosphorus | 31-2 | 307.67 | 323.67 | 299.23 | 310.19 | 4.00 | ppb |
| Potassium | 39-2 | 360.82 | 360.03 | 357.01 | 359.29 | 0.56 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.55 | 0.65 | 0.46 | 0.55 | 17.73 | ppb |
| Selenium | 77-2 | 9.64 | 8.98 | 6.96 | 8.53 | 16.41 | ppb |
| Selenium | 78-2 | 0.94 | 0.42 | 0.73 | 0.69 | 37.79 | ppb |
| Silicon | 28-1 | 2569.66 | 2666.14 | 2605.60 | 2613.80 | 1.87 | ppb |
| Silver | 107-1 | 0.02 | 0.02 | 0.02 | 0.02 | 12.11 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.02 | 0.01 | 12.95 | ppb |
| Sodium | 23-2 | 6394.11 | 6393.80 | 6437.87 | 6408.59 | 0.40 | ppb |
| Strontium | 86-1 | 2409.22 | 2452.58 | 2387.32 | 2416.37 | 1.37 | ppb |
| Strontium | 88-1 | 2481.01 | 2505.22 | 2460.02 | 2482.08 | 0.91 | ppb |
| Sulfur | 34-1 | 129702.86 | 134409.73 | 130208.27 | 131440.28 | 1.97 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.04 | 0.04 | 0.02 | 0.03 | 21.25 | ppb |
| Thallium | 205-1 | 0.03 | 0.04 | 0.04 | 0.04 | 7.82 | ppb |
| Tin | 118-1 | 0.12 | 0.13 | 0.10 | 0.12 | 11.80 | ppb |
| Titanium | 47-1 | 1.92 | 2.19 | 1.97 | 2.03 | 7.27 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2331.47 | 2337.05 | 2335.55 | 2334.69 | 0.12 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 21.87 | ppb |
| Arsenic | 75-2 | 0.18 | 0.18 | 0.16 | 0.17 | 6.93 | ppb |
| Barium | 135-1 | 4.20 | 4.30 | 4.26 | 4.26 | 1.14 | ppb |
| Barium | 137-1 | 4.15 | 4.32 | 4.38 | 4.28 | 2.83 | ppb |
| Beryllium | 9-1 | 0.10 | 0.09 | 0.11 | 0.10 | 10.33 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.03 | 0.00 | 0.00 | -0.01 | | ppb |
| Cadmium | 106-1 | 0.85 | 0.43 | -0.42 | 0.28 | 226.40 | ppb |
| Cadmium | 111-1 | 0.05 | 0.03 | 0.02 | 0.03 | 45.08 | ppb |
| Calcium | 43-1 | 8913.85 | 8819.07 | 8789.00 | 8840.64 | 0.74 | ppb |
| Calcium | 44-1 | 8679.49 | 8742.93 | 8690.85 | 8704.42 | 0.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.63 | 0.60 | 0.66 | 0.63 | 4.28 | ppb |
| Cobalt | 59-2 | 6.77 | 6.76 | 6.73 | 6.75 | 0.27 | ppb |
| Copper | 63-2 | 1.64 | 1.73 | 1.75 | 1.71 | 3.18 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 21248.84 | 21260.97 | 21226.27 | 21245.36 | 0.08 | ppb |
| Iron | 57-2 | 21197.90 | 21077.34 | 21257.33 | 21177.53 | 0.43 | ppb |
| Iron | 54-2 | 21611.02 | 21345.68 | 21528.94 | 21495.21 | 0.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.10 | 0.10 | 0.10 | 0.10 | 2.26 | ppb |
| Lead | 207-1 | 0.09 | 0.09 | 0.08 | 0.09 | 8.54 | ppb |
| Lead | 208-1 | 0.10 | 0.09 | 0.10 | 0.09 | 2.48 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 4141.70 | 4115.46 | 4033.74 | 4096.97 | 1.37 | ppb |
| Manganese | 55-2 | 324.17 | 329.36 | 315.32 | 322.95 | 2.20 | ppb |
| Molybdenum | 94-1 | 0.19 | 0.19 | 0.21 | 0.20 | 6.50 | ppb |
| Molybdenum | 95-1 | 0.04 | 0.04 | 0.04 | 0.04 | 4.02 | ppb |
| Molybdenum | 96-1 | 0.22 | 0.21 | 0.21 | 0.21 | 0.98 | ppb |
| Molybdenum | 97-1 | 0.05 | 0.06 | 0.05 | 0.05 | 11.90 | ppb |
| Molybdenum | 98-1 | 0.05 | 0.04 | 0.04 | 0.04 | 10.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 2.55 | 2.53 | 2.79 | 2.63 | 5.55 | ppb |
| Phosphorus | 31-2 | 50.50 | 53.91 | 36.86 | 47.09 | 19.16 | ppb |
| Potassium | 39-2 | 69.58 | 72.30 | 70.29 | 70.73 | 2.00 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.65 | 0.11 | -0.08 | 0.23 | 167.69 | ppb |
| Selenium | 77-2 | 1.37 | 1.05 | 1.51 | 1.31 | 17.78 | ppb |
| Selenium | 78-2 | -0.16 | -0.22 | 0.30 | -0.03 | | ppb |
| Silicon | 28-1 | 510.03 | 503.70 | 507.39 | 507.04 | 0.63 | ppb |
| Silver | 107-1 | 0.01 | 0.00 | 0.00 | 0.01 | 42.44 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.00 | 0.01 | 24.11 | ppb |
| Sodium | 23-2 | 1198.87 | 1201.64 | 1194.54 | 1198.35 | 0.30 | ppb |
| Strontium | 86-1 | 507.09 | 499.28 | 506.65 | 504.34 | 0.87 | ppb |
| Strontium | 88-1 | 499.51 | 494.31 | 498.64 | 497.49 | 0.56 | ppb |
| Sulfur | 34-1 | 26496.11 | 25789.93 | 26030.21 | 26105.41 | 1.38 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.01 | 0.02 | 0.02 | 0.02 | 17.29 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.01 | 0.02 | 27.24 | ppb |
| Tin | 118-1 | 0.06 | 0.06 | 0.06 | 0.06 | 2.06 | ppb |
| Titanium | 47-1 | 0.42 | 0.44 | 0.44 | 0.43 | 1.89 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02LDLX50 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224L | Dilution Factor : | 50 |
| Date & Time Acquired : | 2024-12-27 16:04:21 | DataFile Name : | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.24 | 0.25 | 0.24 | 0.24 | 3.78 | ppb |
| Vanadium | 51-2 | 23.92 | 23.83 | 23.75 | 23.84 | 0.36 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 25.59 | 25.35 | 25.49 | 25.48 | 0.48 | ppb |
| Zirconium | 90-1 | 0.08 | 0.08 | 0.08 | 0.08 | 1.43 | ppb |
| Zirconium | 91-1 | 0.08 | 0.07 | 0.07 | 0.07 | 3.87 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02ADLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224A | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:13:39 | DataFile Name : | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 57.93 | 60.40 | 62.34 | 60.22 | 3.67 | ppb |
| Vanadium | 51-2 | 175.06 | 173.54 | 174.12 | 174.24 | 0.44 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 107 | | % |
| Zinc | 66-2 | 601.55 | 603.46 | 600.36 | 601.79 | 0.26 | ppb |
| Zirconium | 90-1 | 53.88 | 55.89 | 57.04 | 55.60 | 2.88 | ppb |
| Zirconium | 91-1 | 54.73 | 56.24 | 57.17 | 56.04 | 2.20 | ppb |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.35 | 0.35 | 0.34 | 0.35 | 2.06 | ppb |
| Lead | 207-1 | 0.31 | 0.31 | 0.32 | 0.32 | 1.66 | ppb |
| Lead | 208-1 | 0.35 | 0.34 | 0.33 | 0.34 | 2.50 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 16923.52 | 17672.07 | 17371.87 | 17322.49 | 2.17 | ppb |
| Manganese | 55-2 | 1565.67 | 1639.37 | 1596.08 | 1600.37 | 2.31 | ppb |
| Molybdenum | 94-1 | 1.10 | 1.07 | 1.07 | 1.08 | 1.19 | ppb |
| Molybdenum | 95-1 | 0.11 | 0.09 | 0.06 | 0.09 | 25.37 | ppb |
| Molybdenum | 96-1 | 0.87 | 0.90 | 0.86 | 0.88 | 2.71 | ppb |
| Molybdenum | 97-1 | 0.10 | 0.09 | 0.08 | 0.09 | 8.83 | ppb |
| Molybdenum | 98-1 | 0.08 | 0.07 | 0.05 | 0.07 | 29.54 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.40 | 8.53 | 8.54 | 8.49 | 0.89 | ppb |
| Phosphorus | 31-2 | 269.55 | 255.66 | 249.50 | 258.24 | 3.98 | ppb |
| Potassium | 39-2 | 371.30 | 395.63 | 382.49 | 383.14 | 3.18 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.21 | 0.45 | 0.22 | 0.29 | 47.02 | ppb |
| Selenium | 77-2 | 6.20 | 8.33 | 8.67 | 7.73 | 17.33 | ppb |
| Selenium | 78-2 | 1.03 | 1.24 | 1.06 | 1.11 | 10.20 | ppb |
| Silicon | 28-1 | 2686.65 | 2767.41 | 2732.01 | 2728.69 | 1.48 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 20.45 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.72 | ppb |
| Sodium | 23-2 | 5484.13 | 5820.58 | 5711.76 | 5672.16 | 3.03 | ppb |
| Strontium | 86-1 | 2322.17 | 2372.25 | 2345.24 | 2346.55 | 1.07 | ppb |
| Strontium | 88-1 | 2391.94 | 2445.23 | 2453.58 | 2430.25 | 1.38 | ppb |
| Sulfur | 34-1 | 115820.34 | 116926.44 | 117700.89 | 116815.89 | 0.81 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.03 | 0.03 | 0.02 | 0.03 | 26.31 | ppb |
| Thallium | 205-1 | 0.03 | 0.02 | 0.02 | 0.02 | 20.98 | ppb |
| Tin | 118-1 | 0.17 | 0.20 | 0.17 | 0.18 | 7.32 | ppb |
| Titanium | 47-1 | 2.08 | 2.14 | 2.15 | 2.12 | 1.88 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.24 | 0.24 | 0.26 | 0.25 | 4.41 | ppb |
| Lead | 207-1 | 0.22 | 0.23 | 0.23 | 0.23 | 3.34 | ppb |
| Lead | 208-1 | 0.24 | 0.24 | 0.24 | 0.24 | 1.16 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 17554.67 | 17788.68 | 17699.75 | 17681.04 | 0.67 | ppb |
| Manganese | 55-2 | 1824.40 | 1838.24 | 1846.34 | 1836.33 | 0.60 | ppb |
| Molybdenum | 94-1 | 0.83 | 0.80 | 0.76 | 0.80 | 4.44 | ppb |
| Molybdenum | 95-1 | 0.04 | 0.04 | 0.02 | 0.03 | 32.21 | ppb |
| Molybdenum | 96-1 | 0.83 | 0.82 | 0.80 | 0.82 | 1.62 | ppb |
| Molybdenum | 97-1 | 0.05 | 0.04 | 0.05 | 0.05 | 16.13 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.01 | 0.01 | 0.02 | 36.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 8.04 | 8.13 | 8.19 | 8.12 | 0.97 | ppb |
| Phosphorus | 31-2 | 183.58 | 182.62 | 196.08 | 187.42 | 4.01 | ppb |
| Potassium | 39-2 | 361.81 | 369.94 | 369.64 | 367.13 | 1.26 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.11 | 0.36 | 0.39 | 0.29 | 53.23 | ppb |
| Selenium | 77-2 | 6.35 | 6.40 | 6.99 | 6.58 | 5.40 | ppb |
| Selenium | 78-2 | 1.39 | 1.71 | 0.48 | 1.19 | 53.33 | ppb |
| Silicon | 28-1 | 2494.07 | 2532.47 | 2498.89 | 2508.47 | 0.83 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 22.06 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.75 | ppb |
| Sodium | 23-2 | 5016.93 | 5109.06 | 5023.27 | 5049.75 | 1.02 | ppb |
| Strontium | 86-1 | 2659.61 | 2698.07 | 2677.72 | 2678.47 | 0.72 | ppb |
| Strontium | 88-1 | 2693.73 | 2783.20 | 2773.36 | 2750.10 | 1.78 | ppb |
| Sulfur | 34-1 | 121109.40 | 123345.48 | 124154.40 | 122869.76 | 1.28 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.01 | 0.01 | 0.01 | 0.01 | 22.40 | ppb |
| Thallium | 205-1 | 0.02 | 0.01 | 0.01 | 0.01 | 13.43 | ppb |
| Tin | 118-1 | 0.14 | 0.14 | 0.14 | 0.14 | 2.33 | ppb |
| Titanium | 47-1 | 1.71 | 1.67 | 1.82 | 1.73 | 4.36 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.29 | 1.33 | 1.35 | 1.32 | 2.17 | ppb |
| Vanadium | 51-2 | 112.12 | 113.75 | 113.58 | 113.15 | 0.80 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 109 | | % |
| Zinc | 66-2 | 123.49 | 126.06 | 124.14 | 124.56 | 1.07 | ppb |
| Zirconium | 90-1 | 0.38 | 0.41 | 0.41 | 0.40 | 3.33 | ppb |
| Zirconium | 91-1 | 0.41 | 0.40 | 0.43 | 0.41 | 4.20 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV022 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV022 | 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

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV022 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB022 | 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
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB022 | 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

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB022 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:29:07 | DataFile Name : | 031CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.02 | 0.03 | 0.03 | 0.03 | 8.28 | ppb |
| Lead | 207-1 | 0.03 | 0.03 | 0.03 | 0.03 | 4.36 | ppb |
| Lead | 208-1 | 0.03 | 0.03 | 0.03 | 0.03 | 4.18 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 0.91 | 0.73 | 0.50 | 0.71 | 28.77 | ppb |
| Manganese | 55-2 | 0.12 | 0.15 | 0.15 | 0.14 | 10.85 | ppb |
| Molybdenum | 94-1 | 0.06 | 0.06 | 0.05 | 0.06 | 9.68 | ppb |
| Molybdenum | 95-1 | 0.02 | 0.02 | 0.02 | 0.02 | 7.20 | ppb |
| Molybdenum | 96-1 | 0.03 | 0.03 | 0.04 | 0.03 | 15.38 | ppb |
| Molybdenum | 97-1 | 0.03 | 0.04 | 0.04 | 0.04 | 12.89 | ppb |
| Molybdenum | 98-1 | 0.03 | 0.03 | 0.03 | 0.03 | 4.91 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.09 | -0.10 | -0.09 | -0.09 | | ppb |
| Phosphorus | 31-2 | -12.25 | -15.40 | -15.49 | -14.38 | | ppb |
| Potassium | 39-2 | 1.74 | -1.34 | -0.83 | -0.14 | | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 0.14 | -0.19 | -0.77 | -0.28 | | ppb |
| Selenium | 77-2 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.58 | -0.87 | -0.32 | -0.59 | | ppb |
| Silicon | 28-1 | -2.80 | -2.87 | -2.58 | -2.75 | | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 16.31 | ppb |
| Silver | 109-1 | 0.02 | 0.01 | 0.01 | 0.01 | 15.28 | ppb |
| Sodium | 23-2 | 11.36 | 11.37 | 10.14 | 10.96 | 6.45 | ppb |
| Strontium | 86-1 | 0.03 | 0.23 | 0.13 | 0.13 | 78.53 | ppb |
| Strontium | 88-1 | 0.20 | 0.11 | 0.17 | 0.16 | 28.88 | ppb |
| Sulfur | 34-1 | -368.22 | -279.15 | -222.66 | -290.01 | | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.02 | 0.01 | 0.01 | 0.01 | 21.10 | ppb |
| Thallium | 205-1 | 0.01 | 0.02 | 0.02 | 0.02 | 15.38 | ppb |
| Tin | 118-1 | 0.05 | 0.05 | 0.05 | 0.05 | 7.77 | ppb |
| Titanium | 47-1 | 0.03 | 0.06 | 0.02 | 0.04 | 55.38 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |



1234

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 43.66 | 45.49 | 46.18 | 45.11 | 2.89 | ppb |
| Lead | 207-1 | 42.96 | 45.32 | 45.88 | 44.72 | 3.47 | ppb |
| Lead | 208-1 | 42.96 | 45.36 | 45.67 | 44.66 | 3.32 | ppb |
| Lithium | 6-1 | | | | 107 | | % |
| Magnesium | 24-2 | 4207.99 | 4282.10 | 4261.77 | 4250.62 | 0.90 | ppb |
| Manganese | 55-2 | 113.52 | 115.43 | 115.20 | 114.71 | 0.91 | ppb |
| Molybdenum | 94-1 | 6.42 | 7.13 | 7.00 | 6.85 | 5.50 | ppb |
| Molybdenum | 95-1 | 2.33 | 2.52 | 2.50 | 2.45 | 4.24 | ppb |
| Molybdenum | 96-1 | 2.92 | 3.10 | 3.20 | 3.07 | 4.77 | ppb |
| Molybdenum | 97-1 | 2.38 | 2.59 | 2.57 | 2.51 | 4.52 | ppb |
| Molybdenum | 98-1 | 2.42 | 2.59 | 2.56 | 2.52 | 3.46 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.24 | 18.38 | 18.51 | 18.38 | 0.73 | ppb |
| Phosphorus | 31-2 | 834.10 | 859.81 | 865.37 | 853.09 | 1.96 | ppb |
| Potassium | 39-2 | 1179.87 | 1176.69 | 1194.27 | 1183.61 | 0.79 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.29 | 0.50 | 0.63 | 0.47 | 35.50 | ppb |
| Selenium | 77-2 | 3.13 | 3.46 | 2.73 | 3.11 | 11.77 | ppb |
| Selenium | 78-2 | 0.18 | 0.52 | 0.12 | 0.27 | 78.95 | ppb |
| Silicon | 28-1 | 442.16 | 481.66 | 485.97 | 469.93 | 5.14 | ppb |
| Silver | 107-1 | 0.77 | 0.74 | 0.74 | 0.75 | 2.41 | ppb |
| Silver | 109-1 | 0.76 | 0.74 | 0.72 | 0.74 | 2.73 | ppb |
| Sodium | 23-2 | 6719.86 | 6654.53 | 6744.23 | 6706.20 | 0.69 | ppb |
| Strontium | 86-1 | 767.38 | 828.65 | 842.74 | 812.92 | 4.93 | ppb |
| Strontium | 88-1 | 763.62 | 829.04 | 830.77 | 807.81 | 4.74 | ppb |
| Sulfur | 34-1 | 2672.64 | 3079.47 | 3026.00 | 2926.04 | 7.56 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.38 | 0.40 | 0.39 | 0.39 | 2.43 | ppb |
| Thallium | 205-1 | 0.37 | 0.38 | 0.38 | 0.38 | 1.91 | ppb |
| Tin | 118-1 | 2.86 | 2.99 | 3.06 | 2.97 | 3.45 | ppb |
| Titanium | 47-1 | 408.30 | 445.43 | 442.46 | 432.06 | 4.78 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 |

Reviewed By:Mohan
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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5266-20 | Instrumnet Name : | P7 |
| Client Sample ID : | ME28Y9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:00:25 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11717.31 | 11692.67 | 11580.96 | 11663.65 | 0.62 | ppb |
| Antimony | 121-1 | 0.76 | 0.78 | 0.78 | 0.77 | 0.95 | ppb |
| Arsenic | 75-2 | 225.58 | 228.96 | 225.67 | 226.74 | 0.85 | ppb |
| Barium | 135-1 | 602.75 | 601.95 | 598.64 | 601.11 | 0.36 | ppb |
| Barium | 137-1 | 601.86 | 592.84 | 593.66 | 596.12 | 0.84 | ppb |
| Beryllium | 9-1 | 10.70 | 10.71 | 10.78 | 10.73 | 0.41 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 94.53 | 96.26 | 98.63 | 96.48 | 2.13 | ppb |
| Cadmium | 106-1 | 96.84 | 95.44 | 96.58 | 96.29 | 0.77 | ppb |
| Cadmium | 111-1 | 98.97 | 100.07 | 100.65 | 99.90 | 0.86 | ppb |
| Calcium | 43-1 | 71578.67 | 71736.76 | 72993.73 | 72103.05 | 1.08 | ppb |
| Calcium | 44-1 | 71163.14 | 71590.71 | 71356.98 | 71370.28 | 0.30 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 83.72 | 84.30 | 83.74 | 83.92 | 0.40 | ppb |
| Cobalt | 59-2 | 118.80 | 118.94 | 120.22 | 119.32 | 0.66 | ppb |
| Copper | 63-2 | 90.37 | 91.63 | 91.63 | 91.21 | 0.80 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 42518.09 | 42434.07 | 42421.09 | 42457.75 | 0.12 | ppb |
| Iron | 57-2 | 41987.59 | 42789.31 | 42239.18 | 42338.69 | 0.97 | ppb |
| Iron | 54-2 | 42997.84 | 42598.06 | 42386.47 | 42660.79 | 0.73 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7826.24 | 7782.52 | 7721.64 | 7776.80 | 0.68 | ppb |
| Antimony | 121-1 | 8.62 | 9.44 | 9.62 | 9.22 | 5.77 | ppb |
| Arsenic | 75-2 | 18.32 | 17.66 | 17.73 | 17.90 | 2.02 | ppb |
| Barium | 135-1 | 161.00 | 178.08 | 178.60 | 172.56 | 5.80 | ppb |
| Barium | 137-1 | 164.34 | 179.85 | 179.67 | 174.62 | 5.10 | ppb |
| Beryllium | 9-1 | 1.20 | 1.16 | 1.17 | 1.17 | 1.82 | ppb |
| Bismuth | 209-1 | | | | 114 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 6.08 | 6.76 | 7.11 | 6.65 | 7.83 | ppb |
| Cadmium | 106-1 | 7.08 | 7.12 | 7.15 | 7.12 | 0.52 | ppb |
| Cadmium | 111-1 | 5.03 | 5.42 | 5.44 | 5.30 | 4.31 | ppb |
| Calcium | 43-1 | 73566.13 | 83392.87 | 82298.07 | 79752.36 | 6.75 | ppb |
| Calcium | 44-1 | 73257.05 | 83169.05 | 82477.36 | 79634.49 | 6.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1197.12 | 1192.89 | 1193.71 | 1194.57 | 0.19 | ppb |
| Cobalt | 59-2 | 16.81 | 16.71 | 16.77 | 16.76 | 0.30 | ppb |
| Copper | 63-2 | 96.93 | 97.93 | 97.23 | 97.36 | 0.53 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 114 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 179651.37 | 180123.75 | 179886.82 | 179887.31 | 0.13 | ppb |
| Iron | 57-2 | 178409.07 | 180395.92 | 176881.69 | 178562.22 | 0.99 | ppb |
| Iron | 54-2 | 181382.60 | 180889.87 | 180383.14 | 180885.20 | 0.28 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 27281.03 | 27038.38 | 27271.79 | 27197.07 | 0.51 | ppb |
| Antimony | 121-1 | 0.16 | 0.17 | 0.17 | 0.17 | 2.54 | ppb |
| Arsenic | 75-2 | 8.84 | 9.30 | 9.57 | 9.24 | 3.97 | ppb |
| Barium | 135-1 | 220.41 | 222.24 | 218.87 | 220.51 | 0.77 | ppb |
| Barium | 137-1 | 220.98 | 223.21 | 221.00 | 221.73 | 0.58 | ppb |
| Beryllium | 9-1 | 1.15 | 1.00 | 1.02 | 1.06 | 7.62 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.25 | 3.66 | 3.86 | 3.92 | 7.64 | ppb |
| Cadmium | 106-1 | 6.90 | 8.05 | 7.28 | 7.41 | 7.96 | ppb |
| Cadmium | 111-1 | 0.30 | 0.38 | 0.33 | 0.34 | 13.25 | ppb |
| Calcium | 43-1 | 18077.18 | 18501.04 | 18493.59 | 18357.27 | 1.32 | ppb |
| Calcium | 44-1 | 17753.92 | 18225.88 | 17930.62 | 17970.14 | 1.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 39.41 | 39.52 | 39.61 | 39.51 | 0.26 | ppb |
| Cobalt | 59-2 | 33.96 | 33.72 | 34.05 | 33.91 | 0.49 | ppb |
| Copper | 63-2 | 81.77 | 81.78 | 81.77 | 81.78 | 0.01 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 67342.19 | 66981.18 | 67284.19 | 67202.52 | 0.29 | ppb |
| Iron | 57-2 | 66337.33 | 66110.87 | 66853.67 | 66433.96 | 0.57 | ppb |
| Iron | 54-2 | 67695.47 | 67327.69 | 67621.22 | 67548.13 | 0.29 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.29 | 1.27 | 1.30 | 1.28 | 1.15 | ppb |
| Vanadium | 51-2 | 153.90 | 153.00 | 151.36 | 152.75 | 0.84 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 252.33 | 252.30 | 248.50 | 251.04 | 0.88 | ppb |
| Zirconium | 90-1 | 62.36 | 62.78 | 60.96 | 62.03 | 1.53 | ppb |
| Zirconium | 91-1 | 61.21 | 60.41 | 61.58 | 61.07 | 0.98 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 38525.88 | 38884.10 | 39117.77 | 38842.58 | 0.77 | ppb |
| Antimony | 121-1 | 0.13 | 0.12 | 0.14 | 0.13 | 4.59 | ppb |
| Arsenic | 75-2 | 6.02 | 6.18 | 6.39 | 6.19 | 2.99 | ppb |
| Barium | 135-1 | 220.02 | 224.34 | 228.97 | 224.44 | 1.99 | ppb |
| Barium | 137-1 | 222.69 | 227.72 | 231.78 | 227.39 | 2.00 | ppb |
| Beryllium | 9-1 | 1.02 | 0.95 | 0.94 | 0.97 | 4.55 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.56 | 4.82 | 4.50 | 4.63 | 3.64 | ppb |
| Cadmium | 106-1 | 7.08 | 8.40 | 7.90 | 7.79 | 8.58 | ppb |
| Cadmium | 111-1 | 0.66 | 0.73 | 0.71 | 0.70 | 4.92 | ppb |
| Calcium | 43-1 | 11416.82 | 11692.03 | 11794.82 | 11634.56 | 1.68 | ppb |
| Calcium | 44-1 | 11289.82 | 11384.00 | 11418.34 | 11364.05 | 0.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 35.36 | 35.53 | 35.93 | 35.61 | 0.82 | ppb |
| Cobalt | 59-2 | 24.96 | 25.21 | 25.09 | 25.09 | 0.50 | ppb |
| Copper | 63-2 | 58.14 | 59.13 | 58.70 | 58.66 | 0.85 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 51184.18 | 51590.86 | 51481.11 | 51418.72 | 0.41 | ppb |
| Iron | 57-2 | 50660.04 | 50828.07 | 50675.02 | 50721.04 | 0.18 | ppb |
| Iron | 54-2 | 50920.71 | 51257.62 | 51791.86 | 51323.40 | 0.86 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 45.95 | 46.32 | 46.75 | 46.34 | 0.86 | ppb |
| Lead | 207-1 | 43.33 | 44.07 | 44.30 | 43.90 | 1.16 | ppb |
| Lead | 208-1 | 44.05 | 44.87 | 45.15 | 44.69 | 1.28 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 13856.87 | 13855.41 | 13865.60 | 13859.29 | 0.04 | ppb |
| Manganese | 55-2 | 861.34 | 859.39 | 853.41 | 858.05 | 0.48 | ppb |
| Molybdenum | 94-1 | 95.21 | 95.87 | 98.02 | 96.37 | 1.53 | ppb |
| Molybdenum | 95-1 | 0.49 | 0.52 | 0.50 | 0.50 | 3.08 | ppb |
| Molybdenum | 96-1 | 10.76 | 11.02 | 11.20 | 10.99 | 1.99 | ppb |
| Molybdenum | 97-1 | 0.54 | 0.55 | 0.50 | 0.53 | 5.23 | ppb |
| Molybdenum | 98-1 | 0.52 | 0.52 | 0.54 | 0.53 | 1.51 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 37.87 | 37.99 | 38.00 | 37.95 | 0.18 | ppb |
| Phosphorus | 31-2 | 1219.48 | 1245.29 | 1203.86 | 1222.88 | 1.71 | ppb |
| Potassium | 39-2 | 1682.94 | 1696.71 | 1693.02 | 1690.89 | 0.42 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.49 | 0.71 | 0.54 | 0.58 | 20.45 | ppb |
| Selenium | 77-2 | 4.01 | 5.14 | 4.84 | 4.66 | 12.67 | ppb |
| Selenium | 78-2 | -0.01 | 0.68 | 2.88 | 1.18 | 127.66 | ppb |
| Silicon | 28-1 | 657.70 | 666.58 | 676.68 | 666.98 | 1.42 | ppb |
| Silver | 107-1 | 0.11 | 0.10 | 0.12 | 0.11 | 5.96 | ppb |
| Silver | 109-1 | 0.07 | 0.07 | 0.07 | 0.07 | 5.94 | ppb |
| Sodium | 23-2 | 484.09 | 489.70 | 488.66 | 487.48 | 0.61 | ppb |
| Strontium | 86-1 | 3180.04 | 3202.04 | 3249.51 | 3210.53 | 1.11 | ppb |
| Strontium | 88-1 | 3330.76 | 3294.06 | 3323.74 | 3316.19 | 0.59 | ppb |
| Sulfur | 34-1 | -1092.40 | -1036.08 | -1035.05 | -1054.51 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.15 | 0.16 | 0.15 | 0.15 | 3.38 | ppb |
| Thallium | 205-1 | 0.14 | 0.15 | 0.15 | 0.15 | 4.53 | ppb |
| Tin | 118-1 | 1.55 | 1.66 | 1.68 | 1.63 | 4.22 | ppb |
| Titanium | 47-1 | 1418.37 | 1426.63 | 1449.06 | 1431.35 | 1.11 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:26:35 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 34097.42 | 34228.17 | 34362.85 | 34229.48 | 0.39 | ppb |
| Antimony | 121-1 | 0.11 | 0.11 | 0.12 | 0.11 | 7.66 | ppb |
| Arsenic | 75-2 | 8.04 | 8.28 | 8.68 | 8.34 | 3.88 | ppb |
| Barium | 135-1 | 271.28 | 268.08 | 267.41 | 268.93 | 0.77 | ppb |
| Barium | 137-1 | 274.22 | 272.43 | 269.37 | 272.01 | 0.90 | ppb |
| Beryllium | 9-1 | 1.07 | 1.02 | 1.04 | 1.04 | 2.40 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.91 | 3.57 | 4.08 | 3.85 | 6.65 | ppb |
| Cadmium | 106-1 | 6.02 | 6.54 | 7.60 | 6.72 | 11.98 | ppb |
| Cadmium | 111-1 | 0.28 | 0.32 | 0.36 | 0.32 | 11.51 | ppb |
| Calcium | 43-1 | 16697.93 | 16409.90 | 16389.25 | 16499.03 | 1.05 | ppb |
| Calcium | 44-1 | 16052.68 | 16134.30 | 15885.06 | 16024.01 | 0.79 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 46.17 | 46.01 | 46.32 | 46.17 | 0.34 | ppb |
| Cobalt | 59-2 | 32.85 | 32.47 | 32.75 | 32.69 | 0.60 | ppb |
| Copper | 63-2 | 96.94 | 96.49 | 96.76 | 96.73 | 0.23 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 58455.68 | 58252.81 | 58246.99 | 58318.49 | 0.20 | ppb |
| Iron | 57-2 | 57332.33 | 57333.96 | 57839.16 | 57501.82 | 0.51 | ppb |
| Iron | 54-2 | 58446.93 | 57972.78 | 58137.29 | 58185.67 | 0.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:26:35 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 37.55 | 37.65 | 37.01 | 37.40 | 0.92 | ppb |
| Lead | 207-1 | 35.35 | 36.06 | 35.11 | 35.51 | 1.39 | ppb |
| Lead | 208-1 | 36.03 | 36.49 | 35.94 | 36.15 | 0.83 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 14100.17 | 14030.22 | 14050.73 | 14060.37 | 0.26 | ppb |
| Manganese | 55-2 | 1571.63 | 1563.57 | 1559.52 | 1564.91 | 0.39 | ppb |
| Molybdenum | 94-1 | 81.77 | 82.43 | 83.00 | 82.40 | 0.75 | ppb |
| Molybdenum | 95-1 | 0.48 | 0.49 | 0.52 | 0.49 | 3.91 | ppb |
| Molybdenum | 96-1 | 9.47 | 9.50 | 9.54 | 9.50 | 0.37 | ppb |
| Molybdenum | 97-1 | 0.50 | 0.52 | 0.50 | 0.50 | 2.14 | ppb |
| Molybdenum | 98-1 | 0.47 | 0.48 | 0.46 | 0.47 | 2.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 40.48 | 40.34 | 40.68 | 40.50 | 0.43 | ppb |
| Phosphorus | 31-2 | 1850.62 | 1771.71 | 1797.54 | 1806.62 | 2.23 | ppb |
| Potassium | 39-2 | 2623.91 | 2616.63 | 2631.45 | 2624.00 | 0.28 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 0.37 | 0.66 | 0.70 | 0.58 | 31.69 | ppb |
| Selenium | 77-2 | 4.44 | 7.64 | 4.65 | 5.58 | 32.05 | ppb |
| Selenium | 78-2 | -0.28 | 0.49 | 0.69 | 0.30 | 170.35 | ppb |
| Silicon | 28-1 | 593.65 | 590.66 | 584.51 | 589.60 | 0.79 | ppb |
| Silver | 107-1 | 0.14 | 0.14 | 0.13 | 0.14 | 3.87 | ppb |
| Silver | 109-1 | 0.11 | 0.11 | 0.11 | 0.11 | 1.32 | ppb |
| Sodium | 23-2 | 394.60 | 388.75 | 394.67 | 392.67 | 0.87 | ppb |
| Strontium | 86-1 | 3361.55 | 3356.55 | 3400.03 | 3372.71 | 0.71 | ppb |
| Strontium | 88-1 | 3442.14 | 3425.08 | 3451.32 | 3439.51 | 0.39 | ppb |
| Sulfur | 34-1 | -786.63 | -844.92 | -820.37 | -817.31 | | ppb |
| Terbium | 159-1 | | | | 107 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.23 | 0.24 | 0.24 | 0.24 | 2.23 | ppb |
| Thallium | 205-1 | 0.24 | 0.24 | 0.24 | 0.24 | 1.70 | ppb |
| Tin | 118-1 | 1.38 | 1.32 | 1.30 | 1.33 | 2.91 | ppb |
| Titanium | 47-1 | 873.98 | 876.31 | 887.20 | 879.17 | 0.80 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21131.17 | 21389.92 | 21187.89 | 21236.33 | 0.64 | ppb |
| Antimony | 121-1 | 0.13 | 0.14 | 0.15 | 0.14 | 9.69 | ppb |
| Arsenic | 75-2 | 6.34 | 6.77 | 6.16 | 6.43 | 4.86 | ppb |
| Barium | 135-1 | 187.92 | 200.81 | 209.30 | 199.35 | 5.40 | ppb |
| Barium | 137-1 | 190.76 | 202.06 | 212.64 | 201.82 | 5.42 | ppb |
| Beryllium | 9-1 | 0.73 | 0.78 | 0.84 | 0.78 | 7.20 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.62 | 3.86 | 4.25 | 3.91 | 8.16 | ppb |
| Cadmium | 106-1 | 7.19 | 7.00 | 7.16 | 7.12 | 1.44 | ppb |
| Cadmium | 111-1 | 0.55 | 0.57 | 0.61 | 0.58 | 4.73 | ppb |
| Calcium | 43-1 | 10122.93 | 10757.60 | 11296.79 | 10725.77 | 5.48 | ppb |
| Calcium | 44-1 | 9968.99 | 10468.72 | 11086.66 | 10508.13 | 5.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 29.81 | 30.05 | 29.55 | 29.80 | 0.84 | ppb |
| Cobalt | 59-2 | 24.01 | 24.17 | 23.83 | 24.00 | 0.70 | ppb |
| Copper | 63-2 | 46.23 | 46.27 | 46.17 | 46.23 | 0.11 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 57251.07 | 56904.46 | 57169.12 | 57108.22 | 0.32 | ppb |
| Iron | 57-2 | 56101.41 | 56538.81 | 56556.74 | 56398.98 | 0.46 | ppb |
| Iron | 54-2 | 57457.09 | 56929.04 | 56751.22 | 57045.78 | 0.64 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.26 | 1.33 | 1.42 | 1.34 | 5.84 | ppb |
| Vanadium | 51-2 | 158.20 | 158.32 | 157.09 | 157.87 | 0.43 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 248.12 | 248.81 | 247.94 | 248.29 | 0.18 | ppb |
| Zirconium | 90-1 | 38.74 | 41.51 | 42.95 | 41.07 | 5.21 | ppb |
| Zirconium | 91-1 | 38.92 | 41.76 | 43.51 | 41.40 | 5.59 | ppb |

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18534.84 | 18353.92 | 18202.65 | 18363.81 | 0.91 | ppb |
| Antimony | 121-1 | 0.13 | 0.13 | 0.12 | 0.13 | 5.50 | ppb |
| Arsenic | 75-2 | 9.87 | 10.05 | 9.47 | 9.80 | 3.03 | ppb |
| Barium | 135-1 | 141.79 | 145.23 | 142.73 | 143.25 | 1.24 | ppb |
| Barium | 137-1 | 143.52 | 146.84 | 145.14 | 145.17 | 1.14 | ppb |
| Beryllium | 9-1 | 0.71 | 0.75 | 0.71 | 0.72 | 2.99 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.27 | 3.62 | 2.97 | 3.29 | 9.89 | ppb |
| Cadmium | 106-1 | 6.91 | 7.16 | 6.31 | 6.79 | 6.47 | ppb |
| Cadmium | 111-1 | 0.29 | 0.34 | 0.33 | 0.32 | 7.94 | ppb |
| Calcium | 43-1 | 13271.83 | 13333.52 | 13486.89 | 13364.08 | 0.83 | ppb |
| Calcium | 44-1 | 13029.88 | 13155.37 | 13279.73 | 13154.99 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 25.38 | 25.34 | 25.19 | 25.30 | 0.40 | ppb |
| Cobalt | 59-2 | 24.11 | 24.13 | 23.53 | 23.92 | 1.42 | ppb |
| Copper | 63-2 | 60.63 | 60.44 | 59.58 | 60.22 | 0.93 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 54445.31 | 54147.00 | 54140.53 | 54244.28 | 0.32 | ppb |
| Iron | 57-2 | 53654.81 | 53408.50 | 53294.95 | 53452.75 | 0.34 | ppb |
| Iron | 54-2 | 54550.24 | 54794.68 | 53670.39 | 54338.44 | 1.09 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 39.43 | 40.31 | 39.55 | 39.76 | 1.20 | ppb |
| Lead | 207-1 | 37.80 | 38.36 | 38.19 | 38.12 | 0.76 | ppb |
| Lead | 208-1 | 38.63 | 39.24 | 38.52 | 38.80 | 0.99 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 12830.75 | 12625.76 | 12386.40 | 12614.30 | 1.76 | ppb |
| Manganese | 55-2 | 794.24 | 788.59 | 778.04 | 786.96 | 1.04 | ppb |
| Molybdenum | 94-1 | 68.17 | 68.43 | 68.29 | 68.30 | 0.19 | ppb |
| Molybdenum | 95-1 | 0.78 | 0.76 | 0.74 | 0.76 | 2.78 | ppb |
| Molybdenum | 96-1 | 8.26 | 8.20 | 8.38 | 8.28 | 1.14 | ppb |
| Molybdenum | 97-1 | 0.77 | 0.74 | 0.73 | 0.75 | 2.89 | ppb |
| Molybdenum | 98-1 | 0.76 | 0.71 | 0.74 | 0.74 | 3.06 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 46.03 | 45.92 | 45.43 | 45.79 | 0.70 | ppb |
| Phosphorus | 31-2 | 2746.64 | 2724.29 | 2694.62 | 2721.85 | 0.96 | ppb |
| Potassium | 39-2 | 1071.40 | 1063.27 | 1060.26 | 1064.98 | 0.54 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.97 | 0.32 | 0.04 | 0.44 | 107.21 | ppb |
| Selenium | 77-2 | 9.76 | 9.95 | 12.59 | 10.77 | 14.70 | ppb |
| Selenium | 78-2 | 2.09 | 2.71 | 1.21 | 2.00 | 37.80 | ppb |
| Silicon | 28-1 | 460.54 | 459.44 | 465.36 | 461.78 | 0.68 | ppb |
| Silver | 107-1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.17 | ppb |
| Silver | 109-1 | 0.06 | 0.06 | 0.06 | 0.06 | 3.61 | ppb |
| Sodium | 23-2 | 715.09 | 709.33 | 698.33 | 707.58 | 1.20 | ppb |
| Strontium | 86-1 | 1876.79 | 1866.48 | 1867.70 | 1870.32 | 0.30 | ppb |
| Strontium | 88-1 | 1924.12 | 1941.31 | 1945.35 | 1936.93 | 0.58 | ppb |
| Sulfur | 34-1 | -937.04 | -889.74 | -792.09 | -872.95 | | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.16 | 0.17 | 0.16 | 0.16 | 3.65 | ppb |
| Thallium | 205-1 | 0.16 | 0.17 | 0.16 | 0.16 | 4.21 | ppb |
| Tin | 118-1 | 1.83 | 1.95 | 2.01 | 1.93 | 4.76 | ppb |
| Titanium | 47-1 | 2993.33 | 2984.12 | 3023.51 | 3000.32 | 0.69 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.95 | 1.03 | 1.01 | 1.00 | 4.01 | ppb |
| Vanadium | 51-2 | 134.01 | 133.31 | 132.99 | 133.44 | 0.39 | ppb |
| Yttrium | 89-1 | | | | 112 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 117.13 | 117.48 | 115.90 | 116.84 | 0.71 | ppb |
| Zirconium | 90-1 | 34.63 | 37.53 | 37.32 | 36.49 | 4.42 | ppb |
| Zirconium | 91-1 | 34.91 | 38.01 | 37.98 | 36.97 | 4.82 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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

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|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |



1300

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.38 | 0.31 | 0.24 | 0.31 | 22.52 | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Arsenic | 75-2 | -0.01 | -0.02 | -0.02 | -0.02 | | ppb |
| Barium | 135-1 | 0.00 | 0.00 | 0.01 | 0.00 | 118.18 | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | 261.93 | ppb |
| Beryllium | 9-1 | -0.01 | 0.01 | 0.00 | 0.00 | 300.35 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.05 | -0.03 | -0.03 | 0.00 | | ppb |
| Cadmium | 106-1 | 0.15 | -0.54 | -0.04 | -0.14 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Calcium | 43-1 | 0.08 | 1.09 | 2.38 | 1.18 | 97.57 | ppb |
| Calcium | 44-1 | 2.19 | 1.17 | 1.42 | 1.59 | 33.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.13 | -0.15 | -0.12 | -0.14 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.04 | 0.05 | 0.06 | 0.05 | 17.37 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | -0.37 | -0.44 | -0.42 | -0.41 | | ppb |
| Iron | 57-2 | -0.67 | -0.07 | -0.54 | -0.43 | | ppb |
| Iron | 54-2 | 0.30 | -0.28 | -0.14 | -0.04 | | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.65 | 1.79 | 1.81 | 1.75 | 5.00 | ppb |
| Vanadium | 51-2 | 10.31 | 10.43 | 10.23 | 10.33 | 0.98 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 10.77 | 10.72 | 10.61 | 10.70 | 0.75 | ppb |
| Zirconium | 90-1 | 1.80 | 1.99 | 1.99 | 1.93 | 5.72 | ppb |
| Zirconium | 91-1 | 1.82 | 2.01 | 2.04 | 1.95 | 6.06 | ppb |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV023 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV023 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:01:58 | DataFile Name : | 059CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2539.02 | 2550.34 | 2604.85 | 2564.74 | 1.37 | ppb |
| Lead | 207-1 | 2513.80 | 2561.74 | 2574.68 | 2550.07 | 1.26 | ppb |
| Lead | 208-1 | 2531.12 | 2564.77 | 2586.57 | 2560.82 | 1.09 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 250830.80 | 251548.60 | 251070.65 | 251150.02 | 0.15 | ppb |
| Manganese | 55-2 | 4994.54 | 4977.88 | 4972.74 | 4981.72 | 0.23 | ppb |
| Molybdenum | 94-1 | 5082.25 | 5036.82 | 5038.00 | 5052.36 | 0.51 | ppb |
| Molybdenum | 95-1 | 5071.18 | 5034.54 | 5054.48 | 5053.40 | 0.36 | ppb |
| Molybdenum | 96-1 | 5138.64 | 5072.14 | 5135.59 | 5115.46 | 0.73 | ppb |
| Molybdenum | 97-1 | 5147.32 | 5071.48 | 5087.98 | 5102.26 | 0.78 | ppb |
| Molybdenum | 98-1 | 5080.60 | 5050.79 | 5084.35 | 5071.91 | 0.36 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 472.63 | 471.93 | 473.35 | 472.64 | 0.15 | ppb |
| Phosphorus | 31-2 | 10077.25 | 9923.50 | 10030.79 | 10010.51 | 0.79 | ppb |
| Potassium | 39-2 | 124554.95 | 124253.19 | 124960.77 | 124589.64 | 0.28 | ppb |
| Rhodium | 103-1 | | | | 86 | | % |
| Rhodium | 103-2 | | | | 85 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 85 | | % |
| Selenium | 82-1 | 487.34 | 484.82 | 485.36 | 485.84 | 0.27 | ppb |
| Selenium | 77-2 | 476.52 | 468.41 | 488.19 | 477.71 | 2.08 | ppb |
| Selenium | 78-2 | 487.56 | 480.80 | 483.86 | 484.07 | 0.70 | ppb |
| Silicon | 28-1 | 249.89 | 256.08 | 252.94 | 252.97 | 1.22 | ppb |
| Silver | 107-1 | 485.13 | 492.50 | 480.73 | 486.12 | 1.22 | ppb |
| Silver | 109-1 | 484.15 | 489.14 | 479.80 | 484.36 | 0.96 | ppb |
| Sodium | 23-2 | 250553.36 | 253176.66 | 253089.68 | 252273.23 | 0.59 | ppb |
| Strontium | 86-1 | 12725.79 | 12838.33 | 12492.20 | 12685.44 | 1.39 | ppb |
| Strontium | 88-1 | 12596.04 | 12666.87 | 12716.79 | 12659.90 | 0.48 | ppb |
| Sulfur | 34-1 | 10130.03 | 10223.81 | 10310.97 | 10221.60 | 0.89 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 518.49 | 521.30 | 527.28 | 522.36 | 0.86 | ppb |
| Thallium | 205-1 | 510.18 | 515.35 | 521.23 | 515.58 | 1.07 | ppb |
| Tin | 118-1 | 491.08 | 504.05 | 493.77 | 496.30 | 1.38 | ppb |
| Titanium | 47-1 | 5017.07 | 5037.62 | 4996.83 | 5017.17 | 0.41 | ppb |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV023 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB023 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.43 | 0.68 | 0.60 | 0.57 | 22.42 | ppb |
| Antimony | 121-1 | 0.02 | 0.03 | 0.02 | 0.02 | 18.01 | ppb |
| Arsenic | 75-2 | -0.02 | -0.01 | -0.02 | -0.02 | | ppb |
| Barium | 135-1 | 0.00 | 0.00 | -0.01 | -0.01 | | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | 31.39 | ppb |
| Beryllium | 9-1 | 0.02 | 0.00 | 0.01 | 0.01 | 70.60 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.02 | -0.01 | -0.04 | -0.01 | | ppb |
| Cadmium | 106-1 | -0.41 | -0.66 | -1.00 | -0.69 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.01 | -0.02 | -0.01 | | ppb |
| Calcium | 43-1 | 1.23 | 1.39 | -0.12 | 0.83 | 99.68 | ppb |
| Calcium | 44-1 | 1.30 | 1.13 | 0.79 | 1.07 | 24.24 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | -0.03 | 0.03 | -0.01 | | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Copper | 63-2 | 0.08 | 0.08 | 0.08 | 0.08 | 2.73 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 0.17 | 0.26 | 0.28 | 0.24 | 24.04 | ppb |
| Iron | 57-2 | -0.20 | -1.01 | -0.66 | -0.62 | | ppb |
| Iron | 54-2 | 0.05 | 0.26 | 0.22 | 0.18 | 63.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB023 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB023 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:11:22 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 87.10 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 0.10 | 0.16 | 0.22 | 0.16 | 35.32 | ppb |
| Zirconium | 90-1 | 0.00 | 0.01 | 0.00 | 0.00 | 118.89 | ppb |
| Zirconium | 91-1 | 0.02 | 0.01 | 0.01 | 0.01 | 57.43 | ppb |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 36.27 | 36.20 | 36.28 | 36.25 | 0.12 | ppb |
| Antimony | 121-1 | 3.89 | 3.78 | 3.82 | 3.83 | 1.37 | ppb |
| Arsenic | 75-2 | 2.06 | 2.21 | 2.01 | 2.09 | 5.09 | ppb |
| Barium | 135-1 | 18.78 | 18.17 | 18.18 | 18.38 | 1.87 | ppb |
| Barium | 137-1 | 18.95 | 18.38 | 18.36 | 18.56 | 1.82 | ppb |
| Beryllium | 9-1 | 1.98 | 2.03 | 1.91 | 1.98 | 3.00 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.31 | 1.93 | 1.91 | 2.05 | 10.88 | ppb |
| Cadmium | 106-1 | 3.19 | 1.72 | 1.22 | 2.04 | 50.29 | ppb |
| Cadmium | 111-1 | 2.00 | 2.01 | 2.03 | 2.01 | 0.72 | ppb |
| Calcium | 43-1 | 1006.20 | 972.43 | 972.16 | 983.60 | 1.99 | ppb |
| Calcium | 44-1 | 990.96 | 979.56 | 985.21 | 985.24 | 0.58 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3.54 | 3.44 | 3.44 | 3.47 | 1.67 | ppb |
| Cobalt | 59-2 | 1.92 | 1.98 | 1.93 | 1.94 | 1.57 | ppb |
| Copper | 63-2 | 3.88 | 3.90 | 3.98 | 3.92 | 1.40 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 398.97 | 393.92 | 394.92 | 395.94 | 0.67 | ppb |
| Iron | 57-2 | 398.57 | 389.40 | 401.12 | 396.36 | 1.56 | ppb |
| Iron | 54-2 | 404.21 | 404.49 | 402.30 | 403.66 | 0.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.81 | 1.84 | 1.79 | 1.81 | 1.31 | ppb |
| Lead | 207-1 | 1.81 | 1.81 | 1.83 | 1.82 | 0.70 | ppb |
| Lead | 208-1 | 1.80 | 1.80 | 1.80 | 1.80 | 0.05 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 884.66 | 887.99 | 895.02 | 889.22 | 0.59 | ppb |
| Manganese | 55-2 | 1.93 | 1.97 | 2.02 | 1.97 | 2.20 | ppb |
| Molybdenum | 94-1 | 10.84 | 10.73 | 10.78 | 10.78 | 0.52 | ppb |
| Molybdenum | 95-1 | 9.12 | 9.20 | 9.11 | 9.14 | 0.51 | ppb |
| Molybdenum | 96-1 | 9.38 | 9.39 | 9.26 | 9.34 | 0.77 | ppb |
| Molybdenum | 97-1 | 9.20 | 9.03 | 9.05 | 9.09 | 1.03 | ppb |
| Molybdenum | 98-1 | 9.25 | 9.16 | 9.17 | 9.19 | 0.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.86 | 1.84 | 1.80 | 1.83 | 1.62 | ppb |
| Phosphorus | 31-2 | 32.66 | 26.76 | 34.38 | 31.27 | 12.79 | ppb |
| Potassium | 39-2 | 951.46 | 958.87 | 965.62 | 958.65 | 0.74 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 10.31 | 10.12 | 9.39 | 9.94 | 4.89 | ppb |
| Selenium | 77-2 | 10.63 | 11.70 | 9.40 | 10.57 | 10.89 | ppb |
| Selenium | 78-2 | 7.80 | 11.99 | 9.53 | 9.77 | 21.52 | ppb |
| Silicon | 28-1 | 1.42 | 1.36 | 1.59 | 1.46 | 8.14 | ppb |
| Silver | 107-1 | 1.95 | 1.95 | 1.93 | 1.95 | 0.71 | ppb |
| Silver | 109-1 | 1.94 | 1.94 | 1.93 | 1.94 | 0.16 | ppb |
| Sodium | 23-2 | 873.77 | 869.62 | 880.56 | 874.65 | 0.63 | ppb |
| Strontium | 86-1 | 48.02 | 47.32 | 45.84 | 47.06 | 2.37 | ppb |
| Strontium | 88-1 | 47.48 | 46.13 | 46.34 | 46.65 | 1.56 | ppb |
| Sulfur | 34-1 | 55.88 | 62.13 | 85.69 | 67.90 | 23.16 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 1.80 | 1.80 | 1.79 | 1.80 | 0.40 | ppb |
| Thallium | 205-1 | 1.81 | 1.82 | 1.78 | 1.80 | 1.06 | ppb |
| Tin | 118-1 | 9.77 | 9.61 | 9.64 | 9.68 | 0.83 | ppb |
| Titanium | 47-1 | 2.29 | 2.32 | 2.23 | 2.28 | 1.90 | ppb |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.65 | 1.62 | 1.66 | 1.64 | 1.01 | ppb |
| Vanadium | 51-2 | 9.55 | 9.44 | 9.51 | 9.50 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 9.96 | 10.18 | 9.93 | 10.02 | 1.36 | ppb |
| Zirconium | 90-1 | 1.84 | 1.82 | 1.79 | 1.82 | 1.33 | ppb |
| Zirconium | 91-1 | 1.85 | 1.78 | 1.86 | 1.83 | 2.57 | ppb |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:21:27 | DataFile Name : | 065CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.59 | 0.70 | 0.82 | 0.70 | 16.56 | ppb |
| Antimony | 121-1 | 0.00 | 0.01 | 0.00 | 0.01 | 46.77 | ppb |
| Arsenic | 75-2 | -0.03 | -0.02 | -0.03 | -0.02 | | ppb |
| Barium | 135-1 | 0.01 | 0.01 | 0.00 | 0.01 | 104.77 | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | 405.73 | ppb |
| Beryllium | 9-1 | 0.01 | -0.01 | 0.01 | 0.00 | 200.76 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.01 | -0.03 | 0.03 | 0.00 | | ppb |
| Cadmium | 106-1 | 0.91 | -0.03 | -0.33 | 0.19 | 349.74 | ppb |
| Cadmium | 111-1 | 0.02 | 0.00 | -0.01 | 0.00 | 419.89 | ppb |
| Calcium | 43-1 | 1.88 | 2.08 | 0.31 | 1.42 | 68.28 | ppb |
| Calcium | 44-1 | 1.15 | 0.81 | 0.99 | 0.98 | 17.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.13 | -0.16 | -0.16 | -0.15 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | 0.00 | -0.01 | | ppb |
| Copper | 63-2 | 0.02 | 0.04 | 0.02 | 0.03 | 49.30 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | -0.46 | -0.35 | -0.40 | -0.40 | | ppb |
| Iron | 57-2 | -1.38 | -0.90 | -0.36 | -0.88 | | ppb |
| Iron | 54-2 | -0.95 | -0.90 | -0.76 | -0.87 | | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.75 | 1.77 | 1.83 | 1.78 | 2.24 | ppb |
| Vanadium | 51-2 | 10.47 | 10.48 | 10.44 | 10.46 | 0.21 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 10.93 | 11.09 | 10.85 | 10.95 | 1.14 | ppb |
| Zirconium | 90-1 | 1.94 | 2.01 | 2.01 | 1.99 | 2.09 | ppb |
| Zirconium | 91-1 | 1.89 | 1.99 | 2.03 | 1.97 | 3.69 | ppb |



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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25593.29 | 25697.68 | 25858.35 | 25716.44 | 0.52 | ppb |
| Antimony | 121-1 | 0.18 | 0.19 | 0.18 | 0.18 | 2.69 | ppb |
| Arsenic | 75-2 | 7.68 | 8.32 | 7.74 | 7.91 | 4.45 | ppb |
| Barium | 135-1 | 97.99 | 98.26 | 101.42 | 99.22 | 1.92 | ppb |
| Barium | 137-1 | 98.85 | 99.87 | 101.89 | 100.20 | 1.54 | ppb |
| Beryllium | 9-1 | 0.99 | 0.98 | 1.03 | 1.00 | 2.26 | ppb |
| Bismuth | 209-1 | | | | 109 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.80 | 0.62 | 0.63 | 0.68 | 14.75 | ppb |
| Cadmium | 106-1 | 1.52 | 1.72 | 1.79 | 1.68 | 8.56 | ppb |
| Cadmium | 111-1 | 0.30 | 0.33 | 0.34 | 0.32 | 6.06 | ppb |
| Calcium | 43-1 | 12754.07 | 12753.86 | 12807.85 | 12771.93 | 0.24 | ppb |
| Calcium | 44-1 | 12523.71 | 12421.21 | 12459.10 | 12468.01 | 0.42 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 30.04 | 29.94 | 30.01 | 29.99 | 0.17 | ppb |
| Cobalt | 59-2 | 31.78 | 31.67 | 31.77 | 31.74 | 0.20 | ppb |
| Copper | 63-2 | 92.59 | 91.97 | 93.14 | 92.57 | 0.63 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 51165.75 | 50622.21 | 51226.54 | 51004.83 | 0.65 | ppb |
| Iron | 57-2 | 50659.70 | 50382.99 | 50162.07 | 50401.59 | 0.49 | ppb |
| Iron | 54-2 | 51383.64 | 50652.53 | 51289.67 | 51108.61 | 0.78 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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

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|---|---|---|---|
| LB Number : | LB134140 | 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

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|---|---|---|---|
| LB Number : | LB134140 | 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

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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

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|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:52:48 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21143.73 | 21370.32 | 21002.12 | 21172.06 | 0.88 | ppb |
| Antimony | 121-1 | 1.14 | 1.04 | 0.96 | 1.05 | 8.57 | ppb |
| Arsenic | 75-2 | 16.76 | 16.53 | 16.51 | 16.60 | 0.83 | ppb |
| Barium | 135-1 | 246.64 | 246.12 | 247.61 | 246.79 | 0.31 | ppb |
| Barium | 137-1 | 250.44 | 251.28 | 250.16 | 250.63 | 0.23 | ppb |
| Beryllium | 9-1 | 1.36 | 1.21 | 1.27 | 1.28 | 6.00 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.19 | 1.04 | 0.95 | 1.06 | 11.57 | ppb |
| Cadmium | 106-1 | 2.35 | 2.11 | 1.01 | 1.82 | 39.03 | ppb |
| Cadmium | 111-1 | 0.53 | 0.54 | 0.52 | 0.53 | 1.62 | ppb |
| Calcium | 43-1 | 89903.83 | 90218.71 | 89892.78 | 90005.11 | 0.21 | ppb |
| Calcium | 44-1 | 89203.90 | 89926.99 | 90067.15 | 89732.68 | 0.52 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43.87 | 43.47 | 43.11 | 43.48 | 0.87 | ppb |
| Cobalt | 59-2 | 28.10 | 27.91 | 28.00 | 28.00 | 0.33 | ppb |
| Copper | 63-2 | 49.45 | 49.42 | 49.38 | 49.42 | 0.07 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 53948.36 | 53710.53 | 53763.59 | 53807.49 | 0.23 | ppb |
| Iron | 57-2 | 53318.11 | 54170.02 | 53257.77 | 53581.97 | 0.95 | ppb |
| Iron | 54-2 | 54271.43 | 54175.30 | 54118.53 | 54188.42 | 0.14 | ppb |
| Krypton | 83-1 | | | | | | cps |

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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20890.77 | 20788.36 | 21006.79 | 20895.31 | 0.52 | ppb |
| Antimony | 121-1 | 0.56 | 0.54 | 0.55 | 0.55 | 1.88 | ppb |
| Arsenic | 75-2 | 16.31 | 16.29 | 16.26 | 16.29 | 0.16 | ppb |
| Barium | 135-1 | 242.06 | 242.95 | 241.39 | 242.14 | 0.32 | ppb |
| Barium | 137-1 | 244.05 | 244.61 | 243.86 | 244.17 | 0.16 | ppb |
| Beryllium | 9-1 | 1.27 | 1.24 | 1.30 | 1.27 | 2.14 | ppb |
| Bismuth | 209-1 | | | | 108 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.00 | 0.90 | 0.95 | 0.95 | 5.01 | ppb |
| Cadmium | 106-1 | 1.75 | 1.59 | 0.70 | 1.34 | 42.11 | ppb |
| Cadmium | 111-1 | 0.47 | 0.47 | 0.47 | 0.47 | 0.12 | ppb |
| Calcium | 43-1 | 86533.48 | 89221.23 | 89307.20 | 88353.97 | 1.79 | ppb |
| Calcium | 44-1 | 87106.03 | 88221.85 | 88308.90 | 87878.93 | 0.76 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 42.88 | 43.07 | 43.05 | 43.00 | 0.24 | ppb |
| Cobalt | 59-2 | 27.66 | 27.28 | 27.61 | 27.51 | 0.74 | ppb |
| Copper | 63-2 | 49.17 | 48.91 | 49.09 | 49.05 | 0.27 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 53488.11 | 53202.49 | 53122.65 | 53271.08 | 0.36 | ppb |
| Iron | 57-2 | 53336.85 | 53126.88 | 53377.44 | 53280.39 | 0.25 | ppb |
| Iron | 54-2 | 53248.52 | 53299.41 | 53783.37 | 53443.76 | 0.55 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5352-05 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:56:00 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 35.09 | 35.13 | 35.49 | 35.24 | 0.63 | ppb |
| Lead | 207-1 | 31.84 | 31.66 | 32.50 | 32.00 | 1.37 | ppb |
| Lead | 208-1 | 33.00 | 33.21 | 33.70 | 33.30 | 1.09 | ppb |
| Lithium | 6-1 | | | | 104 | | % |
| Magnesium | 24-2 | 34486.85 | 34598.46 | 34526.89 | 34537.40 | 0.16 | ppb |
| Manganese | 55-2 | 929.93 | 928.87 | 945.76 | 934.85 | 1.01 | ppb |
| Molybdenum | 94-1 | 13.73 | 14.22 | 14.09 | 14.01 | 1.78 | ppb |
| Molybdenum | 95-1 | 2.63 | 2.72 | 2.73 | 2.69 | 1.95 | ppb |
| Molybdenum | 96-1 | 4.25 | 4.27 | 4.30 | 4.27 | 0.58 | ppb |
| Molybdenum | 97-1 | 2.69 | 2.76 | 2.77 | 2.74 | 1.62 | ppb |
| Molybdenum | 98-1 | 2.65 | 2.75 | 2.73 | 2.71 | 1.87 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 70.74 | 70.81 | 71.21 | 70.92 | 0.36 | ppb |
| Phosphorus | 31-2 | 1028.46 | 1028.83 | 990.21 | 1015.83 | 2.18 | ppb |
| Potassium | 39-2 | 3328.70 | 3338.72 | 3343.87 | 3337.10 | 0.23 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 1.18 | 0.60 | 0.83 | 0.87 | 33.58 | ppb |
| Selenium | 77-2 | 7.82 | 8.63 | 8.28 | 8.24 | 4.94 | ppb |
| Selenium | 78-2 | 1.12 | 1.34 | 1.58 | 1.35 | 17.12 | ppb |
| Silicon | 28-1 | 217.15 | 251.32 | 265.94 | 244.80 | 10.23 | ppb |
| Silver | 107-1 | 0.14 | 0.13 | 0.14 | 0.13 | 4.16 | ppb |
| Silver | 109-1 | 0.13 | 0.14 | 0.13 | 0.13 | 4.95 | ppb |
| Sodium | 23-2 | 257.56 | 253.37 | 256.43 | 255.79 | 0.85 | ppb |
| Strontium | 86-1 | 2952.06 | 3003.44 | 3009.02 | 2988.17 | 1.05 | ppb |
| Strontium | 88-1 | 3050.22 | 3052.64 | 3049.17 | 3050.68 | 0.06 | ppb |
| Sulfur | 34-1 | 1081.64 | 1258.68 | 1287.34 | 1209.22 | 9.21 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.38 | 0.37 | 0.40 | 0.39 | 3.64 | ppb |
| Thallium | 205-1 | 0.39 | 0.40 | 0.39 | 0.39 | 1.16 | ppb |
| Tin | 118-1 | 1.03 | 0.99 | 1.00 | 1.01 | 2.29 | ppb |
| Titanium | 47-1 | 236.37 | 240.70 | 236.74 | 237.93 | 1.01 | ppb |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.33 | 0.34 | 0.34 | 0.34 | 0.88 | ppb |
| Vanadium | 51-2 | 11.06 | 11.29 | 11.29 | 11.21 | 1.18 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 33.93 | 33.20 | 33.13 | 33.42 | 1.34 | ppb |
| Zirconium | 90-1 | 1.43 | 1.36 | 1.33 | 1.37 | 3.79 | ppb |
| Zirconium | 91-1 | 1.37 | 1.37 | 1.34 | 1.36 | 1.21 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5363-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:08:43 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 370.04 | 376.95 | 371.04 | 372.68 | 1.00 | ppb |
| Lead | 207-1 | 362.28 | 368.78 | 370.52 | 367.19 | 1.18 | ppb |
| Lead | 208-1 | 363.93 | 369.30 | 367.20 | 366.81 | 0.74 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 5644.75 | 5595.23 | 5692.74 | 5644.24 | 0.86 | ppb |
| Manganese | 55-2 | 273.62 | 276.30 | 276.53 | 275.48 | 0.59 | ppb |
| Molybdenum | 94-1 | 10.59 | 10.90 | 11.02 | 10.84 | 2.05 | ppb |
| Molybdenum | 95-1 | 6.54 | 6.73 | 6.51 | 6.59 | 1.86 | ppb |
| Molybdenum | 96-1 | 7.35 | 7.34 | 7.40 | 7.36 | 0.40 | ppb |
| Molybdenum | 97-1 | 6.72 | 6.78 | 6.71 | 6.74 | 0.53 | ppb |
| Molybdenum | 98-1 | 6.57 | 6.74 | 6.71 | 6.67 | 1.35 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 22.24 | 22.36 | 22.67 | 22.42 | 1.00 | ppb |
| Phosphorus | 31-2 | 899.45 | 923.03 | 916.40 | 912.96 | 1.33 | ppb |
| Potassium | 39-2 | 2174.39 | 2189.40 | 2218.23 | 2194.01 | 1.02 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.94 | 1.18 | 0.95 | 1.02 | 13.31 | ppb |
| Selenium | 77-2 | 3.40 | 4.91 | 3.85 | 4.05 | 19.15 | ppb |
| Selenium | 78-2 | 0.61 | 0.28 | -0.67 | 0.07 | 923.67 | ppb |
| Silicon | 28-1 | 271.42 | 288.95 | 246.12 | 268.83 | 8.01 | ppb |
| Silver | 107-1 | 1.52 | 1.53 | 1.51 | 1.52 | 0.69 | ppb |
| Silver | 109-1 | 1.50 | 1.53 | 1.52 | 1.51 | 1.14 | ppb |
| Sodium | 23-2 | 12205.97 | 12208.60 | 12367.16 | 12260.57 | 0.75 | ppb |
| Strontium | 86-1 | 5165.73 | 5236.79 | 5222.14 | 5208.22 | 0.72 | ppb |
| Strontium | 88-1 | 5289.34 | 5407.50 | 5343.45 | 5346.76 | 1.11 | ppb |
| Sulfur | 34-1 | 3834.21 | 3866.38 | 3932.70 | 3877.76 | 1.30 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.24 | 0.24 | 0.24 | 0.24 | 0.38 | ppb |
| Thallium | 205-1 | 0.24 | 0.25 | 0.23 | 0.24 | 4.41 | ppb |
| Tin | 118-1 | 38.56 | 38.54 | 38.01 | 38.37 | 0.81 | ppb |
| Titanium | 47-1 | 514.40 | 518.40 | 515.26 | 516.02 | 0.41 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 : | LB134140 | 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 : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV024 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV024 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV024 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB024 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB024 | 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

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB024 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5347-01LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:31:08 | DataFile Name : | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.08 | 0.09 | 0.07 | 0.08 | 12.73 | ppb |
| Lead | 207-1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.31 | ppb |
| Lead | 208-1 | 0.09 | 0.09 | 0.08 | 0.08 | 7.43 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 869.09 | 882.29 | 867.65 | 873.01 | 0.92 | ppb |
| Manganese | 55-2 | 2.08 | 2.12 | 2.13 | 2.11 | 1.20 | ppb |
| Molybdenum | 94-1 | 0.26 | 0.22 | 0.23 | 0.24 | 8.38 | ppb |
| Molybdenum | 95-1 | 0.08 | 0.09 | 0.08 | 0.08 | 3.50 | ppb |
| Molybdenum | 96-1 | 0.10 | 0.10 | 0.11 | 0.10 | 6.47 | ppb |
| Molybdenum | 97-1 | 0.08 | 0.08 | 0.09 | 0.08 | 6.19 | ppb |
| Molybdenum | 98-1 | 0.08 | 0.09 | 0.09 | 0.09 | 4.76 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.26 | 0.18 | 0.27 | 0.24 | 22.41 | ppb |
| Phosphorus | 31-2 | -15.34 | -12.83 | -14.55 | -14.24 | | ppb |
| Potassium | 39-2 | 107.87 | 110.53 | 105.35 | 107.92 | 2.40 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 87 | | % |
| Selenium | 82-1 | 0.31 | 0.32 | 0.12 | 0.25 | 44.79 | ppb |
| Selenium | 77-2 | 0.33 | 0.17 | 0.17 | 0.22 | 43.47 | ppb |
| Selenium | 78-2 | -0.96 | -1.23 | 0.00 | -0.73 | | ppb |
| Silicon | 28-1 | 353.55 | 354.77 | 364.67 | 357.66 | 1.71 | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.01 | 0.00 | 42.45 | ppb |
| Silver | 109-1 | 0.00 | 0.01 | 0.01 | 0.01 | 24.31 | ppb |
| Sodium | 23-2 | 1954.35 | 1943.64 | 1919.35 | 1939.11 | 0.92 | ppb |
| Strontium | 86-1 | 131.72 | 133.02 | 135.36 | 133.37 | 1.38 | ppb |
| Strontium | 88-1 | 131.63 | 134.40 | 134.59 | 133.54 | 1.24 | ppb |
| Sulfur | 34-1 | 113.38 | 121.66 | 192.01 | 142.35 | 30.35 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | 112.94 | ppb |
| Tin | 118-1 | 0.06 | 0.06 | 0.06 | 0.06 | 5.61 | ppb |
| Titanium | 47-1 | 0.71 | 0.85 | 0.65 | 0.74 | 13.36 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:37:32 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 4.82 | ppb |
| Vanadium | 51-2 | 0.11 | 0.11 | 0.08 | 0.10 | 15.24 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 2.69 | 2.66 | 2.78 | 2.71 | 2.29 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.01 | 0.02 | 40.37 | ppb |
| Zirconium | 91-1 | 0.04 | 0.04 | 0.02 | 0.03 | 32.95 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5354-03 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:40:50 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 21.80 | ppb |
| Vanadium | 51-2 | 0.08 | 0.08 | 0.08 | 0.08 | 4.32 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 2.75 | 2.85 | 2.79 | 2.80 | 1.91 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.03 | 0.02 | 28.73 | ppb |
| Zirconium | 91-1 | 0.03 | 0.03 | 0.04 | 0.03 | 20.33 | ppb |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5254-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:50:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.02 | 3.15 | 3.39 | 3.19 | 5.90 | ppb |
| Antimony | 121-1 | 0.04 | 0.04 | 0.03 | 0.04 | 15.87 | ppb |
| Arsenic | 75-2 | -0.01 | -0.01 | 0.01 | 0.00 | | ppb |
| Barium | 135-1 | 0.65 | 0.49 | 0.37 | 0.51 | 28.05 | ppb |
| Barium | 137-1 | 0.68 | 0.56 | 0.36 | 0.53 | 29.86 | ppb |
| Beryllium | 9-1 | 0.00 | 0.03 | 0.02 | 0.02 | 70.79 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.01 | 0.05 | -0.01 | 0.01 | 434.58 | ppb |
| Cadmium | 106-1 | -0.25 | -0.83 | -0.73 | -0.60 | | ppb |
| Cadmium | 111-1 | 0.02 | -0.01 | 0.00 | 0.00 | 2745.33 | ppb |
| Calcium | 43-1 | 15.65 | 17.81 | 17.09 | 16.85 | 6.52 | ppb |
| Calcium | 44-1 | 17.40 | 17.30 | 17.49 | 17.40 | 0.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.21 | 0.13 | 0.20 | 0.18 | 22.39 | ppb |
| Cobalt | 59-2 | 0.04 | 0.02 | 0.02 | 0.03 | 36.86 | ppb |
| Copper | 63-2 | 0.10 | 0.07 | 0.09 | 0.09 | 16.26 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 7.15 | 6.93 | 6.95 | 7.01 | 1.75 | ppb |
| Iron | 57-2 | 6.79 | 5.26 | 5.77 | 5.94 | 13.15 | ppb |
| Iron | 54-2 | 7.70 | 5.93 | 8.32 | 7.31 | 16.94 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5255-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:54:04 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.42 | 3.33 | 3.22 | 3.32 | 3.04 | ppb |
| Antimony | 121-1 | 0.03 | 0.03 | 0.03 | 0.03 | 10.48 | ppb |
| Arsenic | 75-2 | 0.43 | 0.41 | 0.40 | 0.42 | 4.00 | ppb |
| Barium | 135-1 | 0.39 | 0.46 | 0.45 | 0.43 | 9.03 | ppb |
| Barium | 137-1 | 0.49 | 0.48 | 0.46 | 0.48 | 2.60 | ppb |
| Beryllium | 9-1 | -0.02 | 0.02 | 0.02 | 0.01 | 337.82 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.00 | -0.04 | 0.06 | 0.00 | 1036.65 | ppb |
| Cadmium | 106-1 | -0.59 | -1.40 | -1.91 | -1.30 | | ppb |
| Cadmium | 111-1 | 0.00 | -0.03 | -0.04 | -0.02 | | ppb |
| Calcium | 43-1 | 57.68 | 63.45 | 64.84 | 61.99 | 6.12 | ppb |
| Calcium | 44-1 | 63.44 | 64.43 | 65.76 | 64.54 | 1.80 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.17 | 0.18 | 0.18 | 0.18 | 1.45 | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.58 | 0.55 | 0.61 | 0.58 | 5.07 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 110 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 8.06 | 7.73 | 7.81 | 7.87 | 2.22 | ppb |
| Iron | 57-2 | 6.37 | 6.80 | 7.17 | 6.78 | 5.96 | ppb |
| Iron | 54-2 | 8.00 | 7.77 | 7.66 | 7.81 | 2.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5354-01 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2927 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:00:38 | DataFile Name : | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3.00 | 3.15 | 3.01 | 3.05 | 2.70 | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 2.89 | ppb |
| Arsenic | 75-2 | 0.01 | 0.00 | 0.02 | 0.01 | 91.72 | ppb |
| Barium | 135-1 | 0.03 | 0.05 | 0.04 | 0.04 | 14.25 | ppb |
| Barium | 137-1 | 0.06 | 0.04 | 0.04 | 0.05 | 18.22 | ppb |
| Beryllium | 9-1 | -0.01 | 0.00 | 0.02 | 0.00 | 1460.31 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.02 | 0.00 | 0.03 | 0.02 | 91.49 | ppb |
| Cadmium | 106-1 | -0.97 | -1.11 | -1.60 | -1.22 | | ppb |
| Cadmium | 111-1 | -0.01 | -0.02 | -0.03 | -0.02 | | ppb |
| Calcium | 43-1 | 19.07 | 20.59 | 20.50 | 20.05 | 4.26 | ppb |
| Calcium | 44-1 | 20.69 | 21.17 | 20.13 | 20.67 | 2.50 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.18 | 0.22 | 0.15 | 0.18 | 20.04 | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.24 | 0.27 | 0.26 | 0.26 | 5.93 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 108 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 5.66 | 5.72 | 5.78 | 5.72 | 1.06 | ppb |
| Iron | 57-2 | 4.50 | 4.87 | 3.48 | 4.28 | 16.79 | ppb |
| Iron | 54-2 | 5.48 | 6.16 | 5.60 | 5.74 | 6.34 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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
On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 |

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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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

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|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:29:41 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.19 | 1.22 | 1.21 | 1.21 | 1.28 | ppb |
| Vanadium | 51-2 | 43.08 | 43.10 | 43.31 | 43.16 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 2476.27 | 2505.35 | 2521.98 | 2501.20 | 0.93 | ppb |
| Zirconium | 90-1 | 3.49 | 3.65 | 3.65 | 3.59 | 2.52 | ppb |
| Zirconium | 91-1 | 3.70 | 3.82 | 3.84 | 3.79 | 2.05 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17814.70 | 17692.25 | 17538.97 | 17681.97 | 0.78 | ppb |
| Antimony | 121-1 | 2376.99 | 2456.82 | 2437.13 | 2423.65 | 1.72 | ppb |
| Arsenic | 75-2 | 5219.88 | 5279.70 | 5307.97 | 5269.18 | 0.85 | ppb |
| Barium | 135-1 | 652.85 | 676.36 | 668.25 | 665.82 | 1.79 | ppb |
| Barium | 137-1 | 657.58 | 686.35 | 670.61 | 671.51 | 2.15 | ppb |
| Beryllium | 9-1 | 1.12 | 1.20 | 1.26 | 1.19 | 5.82 | ppb |
| Bismuth | 209-1 | | | | 115 | | % |
| Bismuth | 209-2 | | | | 108 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 12.32 | 12.25 | 12.70 | 12.42 | 1.94 | ppb |
| Cadmium | 106-1 | 13.60 | 15.49 | 13.29 | 14.13 | 8.44 | ppb |
| Cadmium | 111-1 | 5.74 | 6.22 | 5.94 | 5.97 | 3.98 | ppb |
| Calcium | 43-1 | 70680.26 | 75177.44 | 73962.82 | 73273.51 | 3.18 | ppb |
| Calcium | 44-1 | 70894.24 | 74161.89 | 73703.45 | 72919.86 | 2.43 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 48.94 | 48.63 | 48.73 | 48.77 | 0.33 | ppb |
| Cobalt | 59-2 | 142.62 | 142.11 | 141.30 | 142.01 | 0.47 | ppb |
| Copper | 63-2 | 2403.09 | 2409.98 | 2388.17 | 2400.41 | 0.46 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 113 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 144 | | % |
| Indium | 115-2 | | | | 136 | | % |
| Iron | 56-2 | 152724.88 | 151330.06 | 151352.07 | 151802.34 | 0.53 | ppb |
| Iron | 57-2 | 150004.93 | 150244.29 | 149162.77 | 149804.00 | 0.38 | ppb |
| Iron | 54-2 | 152442.44 | 151393.00 | 151148.08 | 151661.17 | 0.45 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4397.01 | 4600.58 | 4587.98 | 4528.52 | 2.52 | ppb |
| Lead | 207-1 | 4420.53 | 4598.51 | 4565.04 | 4528.03 | 2.09 | ppb |
| Lead | 208-1 | 4402.65 | 4594.27 | 4564.84 | 4520.59 | 2.28 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 9368.14 | 9317.45 | 9350.79 | 9345.46 | 0.28 | ppb |
| Manganese | 55-2 | 1362.39 | 1350.59 | 1346.68 | 1353.22 | 0.60 | ppb |
| Molybdenum | 94-1 | 122.43 | 127.08 | 125.84 | 125.12 | 1.92 | ppb |
| Molybdenum | 95-1 | 111.37 | 115.61 | 115.14 | 114.04 | 2.04 | ppb |
| Molybdenum | 96-1 | 113.01 | 117.74 | 118.27 | 116.34 | 2.49 | ppb |
| Molybdenum | 97-1 | 112.70 | 116.49 | 116.21 | 115.13 | 1.84 | ppb |
| Molybdenum | 98-1 | 112.17 | 116.59 | 116.46 | 115.07 | 2.19 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 83.41 | 83.42 | 82.92 | 83.25 | 0.34 | ppb |
| Phosphorus | 31-2 | 1157.35 | 1175.33 | 1177.64 | 1170.10 | 0.95 | ppb |
| Potassium | 39-2 | 4464.97 | 4523.33 | 4497.90 | 4495.40 | 0.65 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 4.22 | 4.62 | 4.38 | 4.41 | 4.50 | ppb |
| Selenium | 77-2 | 5.75 | 5.19 | 7.45 | 6.13 | 19.21 | ppb |
| Selenium | 78-2 | 3.72 | 3.37 | 4.78 | 3.96 | 18.50 | ppb |
| Silicon | 28-1 | 739.82 | 791.02 | 771.66 | 767.50 | 3.37 | ppb |
| Silver | 107-1 | 6.61 | 7.02 | 6.88 | 6.84 | 3.01 | ppb |
| Silver | 109-1 | 6.61 | 6.94 | 6.80 | 6.78 | 2.48 | ppb |
| Sodium | 23-2 | 16037.73 | 15811.30 | 15883.15 | 15910.73 | 0.73 | ppb |
| Strontium | 86-1 | 10812.77 | 11419.37 | 11368.36 | 11200.16 | 3.00 | ppb |
| Strontium | 88-1 | 10705.02 | 11165.12 | 11229.73 | 11033.29 | 2.59 | ppb |
| Sulfur | 34-1 | 3313.15 | 3772.19 | 3726.45 | 3603.93 | 7.02 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 1.23 | 1.29 | 1.28 | 1.27 | 2.32 | ppb |
| Thallium | 205-1 | 1.21 | 1.27 | 1.26 | 1.25 | 2.51 | ppb |
| Tin | 118-1 | 790.08 | 831.61 | 808.54 | 810.08 | 2.57 | ppb |
| Titanium | 47-1 | 615.52 | 647.96 | 647.73 | 637.07 | 2.93 | ppb |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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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|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 : | LB134140 | 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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| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5369.47 | 5360.81 | 5300.02 | 5343.44 | 0.71 | ppb |
| Antimony | 121-1 | 4.62 | 4.76 | 4.69 | 4.69 | 1.53 | ppb |
| Arsenic | 75-2 | 23.15 | 23.73 | 23.79 | 23.56 | 1.51 | ppb |
| Barium | 135-1 | 11.47 | 11.70 | 11.97 | 11.71 | 2.12 | ppb |
| Barium | 137-1 | 11.82 | 11.94 | 11.92 | 11.89 | 0.56 | ppb |
| Beryllium | 9-1 | 0.15 | 0.17 | 0.15 | 0.16 | 5.10 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.19 | 0.31 | 0.23 | 0.24 | 23.92 | ppb |
| Cadmium | 106-1 | -0.01 | 0.05 | -0.62 | -0.19 | | ppb |
| Cadmium | 111-1 | 0.11 | 0.09 | 0.08 | 0.09 | 13.36 | ppb |
| Calcium | 43-1 | 3182.68 | 3180.44 | 3231.81 | 3198.31 | 0.91 | ppb |
| Calcium | 44-1 | 3087.27 | 3119.86 | 3191.13 | 3132.75 | 1.70 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 16.31 | 16.31 | 16.36 | 16.33 | 0.17 | ppb |
| Cobalt | 59-2 | 6.96 | 6.85 | 6.87 | 6.89 | 0.81 | ppb |
| Copper | 63-2 | 51.83 | 51.99 | 52.30 | 52.04 | 0.46 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 111 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 13589.11 | 13587.04 | 13757.63 | 13644.59 | 0.72 | ppb |
| Iron | 57-2 | 13689.30 | 13571.58 | 13757.39 | 13672.76 | 0.69 | ppb |
| Iron | 54-2 | 13711.47 | 13814.39 | 13805.36 | 13777.07 | 0.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23.15 | 23.13 | 23.54 | 23.27 | 1.01 | ppb |
| Lead | 207-1 | 22.31 | 22.85 | 22.58 | 22.58 | 1.18 | ppb |
| Lead | 208-1 | 22.61 | 22.75 | 22.87 | 22.74 | 0.58 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 4200.91 | 4131.91 | 4162.41 | 4165.07 | 0.83 | ppb |
| Manganese | 55-2 | 154.01 | 152.97 | 154.29 | 153.76 | 0.45 | ppb |
| Molybdenum | 94-1 | 4.23 | 4.33 | 4.30 | 4.29 | 1.15 | ppb |
| Molybdenum | 95-1 | 0.43 | 0.43 | 0.41 | 0.42 | 2.76 | ppb |
| Molybdenum | 96-1 | 0.92 | 0.95 | 0.87 | 0.91 | 4.25 | ppb |
| Molybdenum | 97-1 | 0.40 | 0.42 | 0.42 | 0.41 | 2.17 | ppb |
| Molybdenum | 98-1 | 0.44 | 0.43 | 0.41 | 0.43 | 3.39 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 18.48 | 18.25 | 17.79 | 18.17 | 1.93 | ppb |
| Phosphorus | 31-2 | 810.39 | 832.94 | 827.81 | 823.71 | 1.43 | ppb |
| Potassium | 39-2 | 1257.90 | 1261.75 | 1264.20 | 1261.28 | 0.25 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 104 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 0.27 | 0.46 | 0.46 | 0.39 | 28.05 | ppb |
| Selenium | 77-2 | 3.49 | 4.65 | 1.82 | 3.32 | 42.83 | ppb |
| Selenium | 78-2 | -0.29 | 0.26 | 0.48 | 0.15 | 270.31 | ppb |
| Silicon | 28-1 | 155.29 | 147.57 | 139.50 | 147.45 | 5.36 | ppb |
| Silver | 107-1 | 0.16 | 0.17 | 0.17 | 0.17 | 1.30 | ppb |
| Silver | 109-1 | 0.16 | 0.16 | 0.17 | 0.17 | 4.06 | ppb |
| Sodium | 23-2 | 5836.19 | 5836.73 | 5806.35 | 5826.42 | 0.30 | ppb |
| Strontium | 86-1 | 659.40 | 667.34 | 676.56 | 667.77 | 1.29 | ppb |
| Strontium | 88-1 | 660.41 | 668.15 | 666.60 | 665.06 | 0.62 | ppb |
| Sulfur | 34-1 | 541.88 | 587.23 | 614.05 | 581.05 | 6.28 | ppb |
| Terbium | 159-1 | | | | 110 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.10 | 0.09 | 0.10 | 0.10 | 5.68 | ppb |
| Thallium | 205-1 | 0.09 | 0.09 | 0.10 | 0.09 | 1.03 | ppb |
| Tin | 118-1 | 2.66 | 2.74 | 2.77 | 2.72 | 2.02 | ppb |
| Titanium | 47-1 | 315.65 | 325.06 | 329.71 | 323.47 | 2.22 | ppb |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV025 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV025 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:55:52 | DataFile Name : | 113CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 514.89 | 520.31 | 517.89 | 517.70 | 0.52 | ppb |
| Vanadium | 51-2 | 513.29 | 503.38 | 519.46 | 512.04 | 1.58 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 87 | | % |
| Zinc | 66-2 | 4868.80 | 4829.10 | 4885.88 | 4861.26 | 0.60 | ppb |
| Zirconium | 90-1 | 505.13 | 509.63 | 510.88 | 508.55 | 0.59 | ppb |
| Zirconium | 91-1 | 503.31 | 516.88 | 516.58 | 512.26 | 1.51 | ppb |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB025 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB025 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 106.51 | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 292.83 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 0.15 | 0.10 | 0.10 | 0.12 | 26.35 | ppb |
| Zirconium | 90-1 | 0.03 | 0.00 | 0.00 | 0.01 | 215.51 | ppb |
| Zirconium | 91-1 | 0.03 | 0.02 | 0.01 | 0.02 | 58.69 | ppb |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S00 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S00 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S00 | Instrumnet Name : | P7 |
| Client Sample ID : | S00 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 917 | 913 | 870 | 900 | 2.89 | cps |
| Antimony | 121-1 | 2694 | 2817 | 2870 | 2794 | 3.24 | cps |
| Arsenic | 75-2 | 90 | 117 | 87 | 98 | 16.82 | cps |
| Barium | 135-1 | 3397 | 3384 | 3344 | 3375 | 0.82 | cps |
| Barium | 137-1 | 5835 | 5768 | 5735 | 5779 | 0.88 | cps |
| Beryllium | 9-1 | 277 | 260 | 237 | 258 | 7.79 | cps |
| Bismuth | 209-1 | 9456182 | 8953634 | 9486630 | 9298815 | 3.22 | cps |
| Bismuth | 209-2 | 8149500 | 8167898 | 8176764 | 8164721 | 0.17 | cps |
| Bromine | 81-1 | 15218 | 15195 | 15625 | 15346 | 1.58 | cps |
| Bromine | 81-2 | 170 | 200 | 147 | 172 | 15.52 | cps |
| Cadmium | 108-1 | 53 | 23 | 50 | 42 | 38.95 | cps |
| Cadmium | 106-1 | 4924 | 4511 | 4621 | 4685 | 4.57 | cps |
| Cadmium | 111-1 | Rejected | Rejected | Rejected | | | cps |
| Calcium | 43-1 | 2073 | 2167 | 2150 | 2130 | 2.34 | cps |
| Calcium | 44-1 | 37249 | 37994 | 37790 | 37678 | 1.02 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3317 | 3427 | 3367 | 3370 | 1.63 | cps |
| Cobalt | 59-2 | 1193 | 1170 | 1083 | 1149 | 5.05 | cps |
| Copper | 63-2 | 2320 | 2450 | 2304 | 2358 | 3.41 | cps |
| Dysprosium | 156-1 | 17 | 3 | 10 | 10 | 66.70 | cps |
| Dysprosium | 156-2 | 0 | 13 | 7 | 7 | 99.98 | cps |
| Erbium | 164-1 | 80 | 70 | 77 | 76 | 6.74 | cps |
| Erbium | 164-2 | 50 | 43 | 60 | 51 | 16.42 | cps |
| Gadolinium | 160-1 | 43 | 70 | 40 | 51 | 32.17 | cps |
| Gadolinium | 160-2 | 740 | 670 | 703 | 704 | 4.97 | cps |
| Holmium | 165-1 | 15742321 | 14765151 | 15793390 | 15433621 | 3.75 | cps |
| Holmium | 165-2 | 11499469 | 11400437 | 11464679 | 11454861 | 0.44 | cps |
| Indium | 115-1 | 13023861 | 12206551 | 13297645 | 12842686 | 4.42 | cps |
| Indium | 115-2 | 5119088 | 5103793 | 5102086 | 5108322 | 0.18 | cps |
| Iron | 56-2 | 49535 | 49772 | 48973 | 49426 | 0.83 | cps |
| Iron | 57-2 | 2007 | 2067 | 1960 | 2011 | 2.66 | cps |
| Iron | 54-2 | 4567 | 4431 | 4374 | 4457 | 2.23 | cps |
| Krypton | 83-1 | 183 | 267 | 217 | 222 | 18.87 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1447 | 1290 | 1343 | 1360 | 5.86 | cps |
| Lead | 207-1 | 1197 | 1157 | 1170 | 1175 | 1.73 | cps |
| Lead | 208-1 | 5294 | 5350 | 5390 | 5345 | 0.91 | cps |
| Lithium | 6-1 | 2027678 | 1850533 | 2045731 | 1974647 | 5.46 | cps |
| Magnesium | 24-2 | 26900 | 27414 | 27007 | 27107 | 1.00 | cps |
| Manganese | 55-2 | 707 | 787 | 807 | 767 | 6.90 | cps |
| Molybdenum | 94-1 | 3007 | 3077 | 2964 | 3016 | 1.90 | cps |
| Molybdenum | 95-1 | 3547 | 3597 | 3674 | 3606 | 1.77 | cps |
| Molybdenum | 96-1 | 4067 | 3994 | 4121 | 4061 | 1.57 | cps |
| Molybdenum | 97-1 | 2327 | 2327 | 2114 | 2256 | 5.46 | cps |
| Molybdenum | 98-1 | 5708 | 5745 | 5351 | 5601 | 3.88 | cps |
| Neodymium | 150-1 | 10 | 13 | 7 | 10 | 33.30 | cps |
| Neodymium | 150-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Nickel | 60-2 | 900 | 1010 | 897 | 936 | 6.89 | cps |
| Phosphorus | 31-2 | 237 | 213 | 210 | 220 | 6.60 | cps |
| Potassium | 39-2 | 93796 | 94709 | 93974 | 94160 | 0.51 | cps |
| Rhodium | 103-1 | 12296483 | 11522907 | 12455090 | 12091493 | 4.12 | cps |
| Rhodium | 103-2 | 7435887 | 7475872 | 7415517 | 7442425 | 0.41 | cps |
| Scandium | 45-1 | 7252525 | 6844872 | 7380866 | 7159421 | 3.91 | cps |
| Scandium | 45-2 | 662709 | 661617 | 663338 | 662554 | 0.13 | cps |
| Selenium | 82-1 | 271 | 209 | 195 | 225 | 18.09 | cps |
| Selenium | 77-2 | 17 | 17 | 3 | 12 | 63.01 | cps |
| Selenium | 78-2 | 543 | 477 | 580 | 533 | 9.82 | cps |
| Silicon | 28-1 | 702944 | 704356 | 696408 | 701236 | 0.60 | cps |
| Silver | 107-1 | 1753 | 1630 | 1593 | 1659 | 5.05 | cps |
| Silver | 109-1 | 1533 | 1650 | 1603 | 1596 | 3.68 | cps |
| Sodium | 23-2 | 59983 | 59100 | 58849 | 59310 | 1.00 | cps |
| Strontium | 86-1 | 747 | 800 | 797 | 781 | 3.82 | cps |
| Strontium | 88-1 | 3911 | 3901 | 3917 | 3909 | 0.21 | cps |
| Sulfur | 34-1 | 193788 | 193377 | 192807 | 193324 | 0.26 | cps |
| Terbium | 159-1 | 15986625 | 15176078 | 16054636 | 15739113 | 3.11 | cps |
| Terbium | 159-2 | 11376684 | 11326624 | 11342848 | 11348718 | 0.23 | cps |
| Thallium | 203-1 | 1590 | 1533 | 1450 | 1525 | 4.62 | cps |
| Thallium | 205-1 | 3474 | 3571 | 3611 | 3552 | 1.98 | cps |
| Tin | 118-1 | 6905 | 6885 | 6798 | 6863 | 0.83 | cps |
| Titanium | 47-1 | 957 | 987 | 923 | 956 | 3.32 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S01 | Instrumnet Name : | P7 |
| Client Sample ID : | S01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:46:11 | DataFile Name : | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3307 | 3354 | 3430 | 3364 | 1.85 | cps |
| Vanadium | 51-2 | 2674 | 2497 | 2470 | 2547 | 4.34 | cps |
| Yttrium | 89-1 | 20017340 | 18564929 | 19958701 | 19513657 | 4.21 | cps |
| Yttrium | 89-2 | 5741092 | 5635993 | 5698005 | 5691696 | 0.93 | cps |
| Zinc | 66-2 | 680 | 757 | 793 | 743 | 7.78 | cps |
| Zirconium | 90-1 | 2814 | 2760 | 3070 | 2881 | 5.75 | cps |
| Zirconium | 91-1 | 583 | 563 | 597 | 581 | 2.89 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S02 | Instrumnet Name : | P7 |
| Client Sample ID : | S02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:49:33 | DataFile Name : | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6535 | 6435 | 6355 | 6441 | 1.40 | cps |
| Antimony | 121-1 | 26024 | 26571 | 26878 | 26491 | 1.63 | cps |
| Arsenic | 75-2 | 807 | 963 | 863 | 878 | 9.04 | cps |
| Barium | 135-1 | 33376 | 33259 | 33610 | 33415 | 0.53 | cps |
| Barium | 137-1 | 57455 | 57348 | 57559 | 57454 | 0.18 | cps |
| Beryllium | 9-1 | 1757 | 1847 | 1760 | 1788 | 2.85 | cps |
| Bismuth | 209-1 | 9486109 | 9178654 | 9202421 | 9289061 | 1.84 | cps |
| Bismuth | 209-2 | 8212103 | 8293291 | 8163049 | 8222814 | 0.80 | cps |
| Bromine | 81-1 | 15548 | 15972 | 15492 | 15671 | 1.68 | cps |
| Bromine | 81-2 | 170 | 180 | 193 | 181 | 6.47 | cps |
| Cadmium | 108-1 | 287 | 260 | 300 | 282 | 7.22 | cps |
| Cadmium | 106-1 | 5151 | 5104 | 5101 | 5119 | 0.55 | cps |
| Cadmium | 111-1 | 4602 | 4798 | 4571 | 4657 | 2.64 | cps |
| Calcium | 43-1 | 18585 | 18628 | 18458 | 18557 | 0.48 | cps |
| Calcium | 44-1 | 307246 | 307744 | 309634 | 308208 | 0.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 14020 | 13750 | 13396 | 13722 | 2.28 | cps |
| Cobalt | 59-2 | 9476 | 9563 | 9396 | 9479 | 0.88 | cps |
| Copper | 63-2 | 13653 | 13149 | 13206 | 13336 | 2.07 | cps |
| Dysprosium | 156-1 | 20 | 20 | 7 | 16 | 49.47 | cps |
| Dysprosium | 156-2 | 0 | 7 | 10 | 6 | 91.64 | cps |
| Erbium | 164-1 | 53 | 50 | 83 | 62 | 29.50 | cps |
| Erbium | 164-2 | 47 | 57 | 40 | 48 | 17.56 | cps |
| Gadolinium | 160-1 | 63 | 37 | 77 | 59 | 34.58 | cps |
| Gadolinium | 160-2 | 770 | 660 | 743 | 724 | 7.92 | cps |
| Holmium | 165-1 | 15681090 | 15426580 | 15453649 | 15520440 | 0.90 | cps |
| Holmium | 165-2 | 11462868 | 11406479 | 11495199 | 11454849 | 0.39 | cps |
| Indium | 115-1 | 13313442 | 12882728 | 13023658 | 13073276 | 1.68 | cps |
| Indium | 115-2 | 5116177 | 5022182 | 5121057 | 5086472 | 1.10 | cps |
| Iron | 56-2 | 302661 | 302430 | 302243 | 302445 | 0.07 | cps |
| Iron | 57-2 | 8456 | 8716 | 8686 | 8619 | 1.65 | cps |
| Iron | 54-2 | 18608 | 18471 | 18361 | 18480 | 0.67 | cps |
| Krypton | 83-1 | 213 | 187 | 213 | 204 | 7.53 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S03 | Instrumnet Name : | P7 |
| Client Sample ID : | S03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:52:53 | DataFile Name : | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1804226 | 1851203 | 1826494 | 1827308 | 1.29 | cps |
| Vanadium | 51-2 | 235601 | 232074 | 230933 | 232869 | 1.04 | cps |
| Yttrium | 89-1 | 19636444 | 19610148 | 19434413 | 19560335 | 0.56 | cps |
| Yttrium | 89-2 | 5498974 | 5473511 | 5430343 | 5467609 | 0.63 | cps |
| Zinc | 66-2 | 528331 | 526936 | 524057 | 526442 | 0.41 | cps |
| Zirconium | 90-1 | 1090245 | 1095985 | 1080224 | 1088818 | 0.73 | cps |
| Zirconium | 91-1 | 240670 | 242559 | 241248 | 241492 | 0.40 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S04 | Instrumnet Name : | P7 |
| Client Sample ID : | S04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:55:56 | DataFile Name : | 008CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 692164 | 682843 | 678420 | 684476 | 1.02 | cps |
| Antimony | 121-1 | 1509830 | 1507022 | 1498891 | 1505248 | 0.38 | cps |
| Arsenic | 75-2 | 80915 | 79645 | 79799 | 80120 | 0.87 | cps |
| Barium | 135-1 | 1989352 | 1995352 | 2009320 | 1998008 | 0.51 | cps |
| Barium | 137-1 | 3435986 | 3418353 | 3417008 | 3423783 | 0.31 | cps |
| Beryllium | 9-1 | 196535 | 196101 | 195162 | 195933 | 0.36 | cps |
| Bismuth | 209-1 | 9469585 | 9515163 | 9402279 | 9462342 | 0.60 | cps |
| Bismuth | 209-2 | 7962609 | 7995804 | 8032724 | 7997046 | 0.44 | cps |
| Bromine | 81-1 | 14097 | 13990 | 13700 | 13929 | 1.48 | cps |
| Bromine | 81-2 | 163 | 127 | 150 | 147 | 12.65 | cps |
| Cadmium | 108-1 | 29724 | 29727 | 29547 | 29666 | 0.35 | cps |
| Cadmium | 106-1 | 45758 | 46808 | 45772 | 46113 | 1.31 | cps |
| Cadmium | 111-1 | 405018 | 401911 | 403174 | 403368 | 0.39 | cps |
| Calcium | 43-1 | 413882 | 411533 | 410024 | 411813 | 0.47 | cps |
| Calcium | 44-1 | 6580328 | 6445221 | 6358553 | 6461367 | 1.73 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 602440 | 595184 | 592700 | 596775 | 0.85 | cps |
| Cobalt | 59-2 | 938567 | 940115 | 930103 | 936261 | 0.58 | cps |
| Copper | 63-2 | 7037205 | 6913808 | 6864882 | 6938632 | 1.28 | cps |
| Dysprosium | 156-1 | 27 | 70 | 60 | 52 | 43.44 | cps |
| Dysprosium | 156-2 | 127 | 127 | 97 | 117 | 14.85 | cps |
| Erbium | 164-1 | 93 | 77 | 123 | 98 | 24.18 | cps |
| Erbium | 164-2 | 70 | 70 | 60 | 67 | 8.66 | cps |
| Gadolinium | 160-1 | 57 | 70 | 100 | 76 | 29.37 | cps |
| Gadolinium | 160-2 | 583 | 690 | 723 | 666 | 10.99 | cps |
| Holmium | 165-1 | 15348346 | 15516043 | 15046235 | 15303541 | 1.56 | cps |
| Holmium | 165-2 | 11182089 | 11167906 | 11250735 | 11200243 | 0.40 | cps |
| Indium | 115-1 | 12653148 | 12558299 | 12264771 | 12492073 | 1.62 | cps |
| Indium | 115-2 | 4738038 | 4751175 | 4782928 | 4757380 | 0.49 | cps |
| Iron | 56-2 | 29123194 | 28661363 | 28652099 | 28812218 | 0.93 | cps |
| Iron | 57-2 | 735983 | 732925 | 724473 | 731127 | 0.82 | cps |
| Iron | 54-2 | 1595973 | 1590185 | 1592228 | 1592795 | 0.18 | cps |
| Krypton | 83-1 | 213 | 183 | 207 | 201 | 7.83 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S05 | Instrumnet Name : | P7 |
| Client Sample ID : | S05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 14:58:53 | DataFile Name : | 009CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1373307 | 1338119 | 1320595 | 1344007 | 2.00 | cps |
| Antimony | 121-1 | 3003982 | 3020322 | 3058138 | 3027481 | 0.92 | cps |
| Arsenic | 75-2 | 151844 | 150726 | 150430 | 151000 | 0.49 | cps |
| Barium | 135-1 | 3875828 | 3821566 | 3881189 | 3859528 | 0.85 | cps |
| Barium | 137-1 | 6659274 | 6723540 | 6731334 | 6704716 | 0.59 | cps |
| Beryllium | 9-1 | 374396 | 379553 | 379564 | 377838 | 0.79 | cps |
| Bismuth | 209-1 | 9693085 | 9382965 | 9386212 | 9487421 | 1.88 | cps |
| Bismuth | 209-2 | 7838091 | 7856676 | 7876135 | 7856967 | 0.24 | cps |
| Bromine | 81-1 | 12742 | 12272 | 12946 | 12653 | 2.73 | cps |
| Bromine | 81-2 | 113 | 100 | 127 | 113 | 11.77 | cps |
| Cadmium | 108-1 | 56757 | 58367 | 57293 | 57472 | 1.43 | cps |
| Cadmium | 106-1 | 82720 | 84927 | 84913 | 84187 | 1.51 | cps |
| Cadmium | 111-1 | 772461 | 787953 | 778674 | 779696 | 1.00 | cps |
| Calcium | 43-1 | 775836 | 782346 | 777150 | 778444 | 0.44 | cps |
| Calcium | 44-1 | 12202681 | 12285944 | 12267776 | 12252134 | 0.36 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1117081 | 1110615 | 1106341 | 1111346 | 0.49 | cps |
| Cobalt | 59-2 | 1798790 | 1795732 | 1783086 | 1792536 | 0.46 | cps |
| Copper | 63-2 | 13063365 | 12912648 | 12907873 | 12961295 | 0.68 | cps |
| Dysprosium | 156-1 | 47 | 77 | 87 | 70 | 29.74 | cps |
| Dysprosium | 156-2 | 197 | 190 | 240 | 209 | 13.00 | cps |
| Erbium | 164-1 | 80 | 107 | 130 | 106 | 23.70 | cps |
| Erbium | 164-2 | 77 | 93 | 57 | 76 | 24.29 | cps |
| Gadolinium | 160-1 | 73 | 100 | 73 | 82 | 18.73 | cps |
| Gadolinium | 160-2 | 677 | 647 | 730 | 684 | 6.17 | cps |
| Holmium | 165-1 | 15751947 | 15234272 | 15226762 | 15404327 | 1.95 | cps |
| Holmium | 165-2 | 11202677 | 11041404 | 10998969 | 11081017 | 0.97 | cps |
| Indium | 115-1 | 12515355 | 12110332 | 12105720 | 12243802 | 1.92 | cps |
| Indium | 115-2 | 4554356 | 4506912 | 4516805 | 4526024 | 0.55 | cps |
| Iron | 56-2 | 54338144 | 54337774 | 53790656 | 54155525 | 0.58 | cps |
| Iron | 57-2 | 1389130 | 1347334 | 1356330 | 1364265 | 1.61 | cps |
| Iron | 54-2 | 3028513 | 2954562 | 2972438 | 2985171 | 1.29 | cps |
| Krypton | 83-1 | 153 | 203 | 223 | 193 | 18.65 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23350622 | 23600517 | 23847215 | 23599452 | 1.05 | cps |
| Lead | 207-1 | 20820893 | 20910743 | 21019964 | 20917200 | 0.48 | cps |
| Lead | 208-1 | 94841979 | 95097816 | 95723119 | 95220971 | 0.48 | cps |
| Lithium | 6-1 | 1937702 | 1907081 | 1929988 | 1924924 | 0.83 | cps |
| Magnesium | 24-2 | 19730193 | 19742295 | 19464233 | 19645574 | 0.80 | cps |
| Manganese | 55-2 | 18115225 | 18181280 | 18095754 | 18130753 | 0.25 | cps |
| Molybdenum | 94-1 | 19607752 | 19656055 | 19691380 | 19651729 | 0.21 | cps |
| Molybdenum | 95-1 | 28736390 | 28718114 | 28473036 | 28642513 | 0.51 | cps |
| Molybdenum | 96-1 | 31504575 | 31589737 | 31252387 | 31448900 | 0.56 | cps |
| Molybdenum | 97-1 | 17866053 | 17696895 | 17636105 | 17733018 | 0.67 | cps |
| Molybdenum | 98-1 | 46243799 | 46222809 | 46024889 | 46163833 | 0.26 | cps |
| Neodymium | 150-1 | 397 | 387 | 393 | 392 | 1.30 | cps |
| Neodymium | 150-2 | 100 | 93 | 117 | 103 | 11.63 | cps |
| Nickel | 60-2 | 834583 | 829186 | 826203 | 829991 | 0.51 | cps |
| Phosphorus | 31-2 | 116643 | 118377 | 115434 | 116818 | 1.27 | cps |
| Potassium | 39-2 | 12934499 | 13040208 | 12897315 | 12957340 | 0.57 | cps |
| Rhodium | 103-1 | 10763699 | 10544212 | 10545369 | 10617760 | 1.19 | cps |
| Rhodium | 103-2 | 6236897 | 6287145 | 6230878 | 6251640 | 0.49 | cps |
| Scandium | 45-1 | 6215251 | 6176727 | 6161535 | 6184504 | 0.45 | cps |
| Scandium | 45-2 | 531918 | 534745 | 529796 | 532153 | 0.47 | cps |
| Selenium | 82-1 | 89165 | 88453 | 88364 | 88661 | 0.50 | cps |
| Selenium | 77-2 | 9643 | 9623 | 9376 | 9548 | 1.56 | cps |
| Selenium | 78-2 | 31894 | 32462 | 31784 | 32047 | 1.14 | cps |
| Silicon | 28-1 | 14761564 | 14532653 | 14344898 | 14546372 | 1.43 | cps |
| Silver | 107-1 | 7398927 | 7487994 | 7399682 | 7428868 | 0.69 | cps |
| Silver | 109-1 | 7122211 | 7197294 | 7063352 | 7127619 | 0.94 | cps |
| Sodium | 23-2 | 32367028 | 32344989 | 32113778 | 32275265 | 0.43 | cps |
| Strontium | 86-1 | 1814245 | 1795484 | 1864802 | 1824844 | 1.96 | cps |
| Strontium | 88-1 | 15911859 | 15764054 | 15941685 | 15872533 | 0.60 | cps |
| Sulfur | 34-1 | 539306 | 535994 | 533813 | 536371 | 0.52 | cps |
| Terbium | 159-1 | 15519941 | 15252557 | 15415691 | 15396063 | 0.88 | cps |
| Terbium | 159-2 | 10688676 | 10747899 | 10838798 | 10758457 | 0.70 | cps |
| Thallium | 203-1 | 5915752 | 5958585 | 5820424 | 5898254 | 1.20 | cps |
| Thallium | 205-1 | 13895176 | 14119269 | 14075955 | 14030134 | 0.85 | cps |
| Tin | 118-1 | 4872078 | 4861433 | 4928849 | 4887453 | 0.74 | cps |
| Titanium | 47-1 | 6811847 | 6868859 | 6815814 | 6832173 | 0.47 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S06 | Instrumnet Name : | P7 |
| Client Sample ID : | S06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:01:40 | DataFile Name : | 010CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18393931 | 18478820 | 18425675 | 18432809 | 0.23 | cps |
| Vanadium | 51-2 | 1959265 | 1925624 | 1935324 | 1940071 | 0.89 | cps |
| Yttrium | 89-1 | 17727659 | 17663576 | 17765561 | 17718932 | 0.29 | cps |
| Yttrium | 89-2 | 4825164 | 4830005 | 4852861 | 4836010 | 0.31 | cps |
| Zinc | 66-2 | 4315348 | 4318135 | 4324810 | 4319431 | 0.11 | cps |
| Zirconium | 90-1 | 9742610 | 9654187 | 9735619 | 9710805 | 0.51 | cps |
| Zirconium | 91-1 | 2146941 | 2181815 | 2128945 | 2152567 | 1.25 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | S08 | Instrumnet Name : | P7 |
| Client Sample ID : | S08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:07:16 | DataFile Name : | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 17188 | 15189 | 13767 | 15381 | 11.17 | cps |
| Lead | 207-1 | 15139 | 12906 | 11945 | 13330 | 12.29 | cps |
| Lead | 208-1 | 67739 | 59478 | 54784 | 60667 | 10.81 | cps |
| Lithium | 6-1 | 1872207 | 1852643 | 1872807 | 1865886 | 0.61 | cps |
| Magnesium | 24-2 | 207963337 | 206729284 | 206472670 | 207055097 | 0.38 | cps |
| Manganese | 55-2 | 17941 | 17934 | 17460 | 17778 | 1.55 | cps |
| Molybdenum | 94-1 | 13753 | 11958 | 10581 | 12097 | 13.15 | cps |
| Molybdenum | 95-1 | 14848 | 11828 | 10154 | 12276 | 19.38 | cps |
| Molybdenum | 96-1 | 25552 | 22287 | 20334 | 22725 | 11.60 | cps |
| Molybdenum | 97-1 | 9470 | 7422 | 6291 | 7728 | 20.85 | cps |
| Molybdenum | 98-1 | 23098 | 18355 | 15178 | 18877 | 21.12 | cps |
| Neodymium | 150-1 | 250 | 213 | 317 | 260 | 20.15 | cps |
| Neodymium | 150-2 | 110 | 153 | 130 | 131 | 16.54 | cps |
| Nickel | 60-2 | 8266 | 8779 | 8536 | 8527 | 3.01 | cps |
| Phosphorus | 31-2 | 300 | 310 | 273 | 294 | 6.44 | cps |
| Potassium | 39-2 | 135683281 | 134144961 | 136137935 | 135322059 | 0.77 | cps |
| Rhodium | 103-1 | 9722491 | 9566393 | 9400944 | 9563276 | 1.68 | cps |
| Rhodium | 103-2 | 5742127 | 5786411 | 5806746 | 5778428 | 0.57 | cps |
| Scandium | 45-1 | 6285713 | 6058056 | 6122997 | 6155589 | 1.91 | cps |
| Scandium | 45-2 | 558436 | 559938 | 564795 | 561056 | 0.59 | cps |
| Selenium | 82-1 | 358 | 283 | 351 | 331 | 12.45 | cps |
| Selenium | 77-2 | 13 | 10 | 10 | 11 | 17.30 | cps |
| Selenium | 78-2 | 403 | 370 | 417 | 397 | 6.06 | cps |
| Silicon | 28-1 | 552329 | 551385 | 544734 | 549482 | 0.75 | cps |
| Silver | 107-1 | 3884 | 3044 | 2547 | 3158 | 21.40 | cps |
| Silver | 109-1 | 3514 | 2704 | 2450 | 2889 | 19.23 | cps |
| Sodium | 23-2 | 338311642 | 335332515 | 337386442 | 337010199 | 0.45 | cps |
| Strontium | 86-1 | 10430 | 10834 | 10611 | 10625 | 1.90 | cps |
| Strontium | 88-1 | 91532 | 90224 | 89262 | 90340 | 1.26 | cps |
| Sulfur | 34-1 | 153182 | 156438 | 159980 | 156533 | 2.17 | cps |
| Terbium | 159-1 | 15430450 | 14775846 | 14647130 | 14951142 | 2.81 | cps |
| Terbium | 159-2 | 10382798 | 10350220 | 10400787 | 10377935 | 0.25 | cps |
| Thallium | 203-1 | 2707 | 2194 | 1930 | 2277 | 17.35 | cps |
| Thallium | 205-1 | 6805 | 5198 | 4564 | 5522 | 20.92 | cps |
| Tin | 118-1 | 4321 | 3687 | 3264 | 3757 | 14.16 | cps |
| Titanium | 47-1 | 3120 | 2464 | 2174 | 2586 | 18.76 | cps |



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Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICV003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV003 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICV003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV003 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICV003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV003 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:38:52 | DataFile Name : | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 73 | 133 | 150 | 119 | 33.92 | cps |
| Antimony | 121-1 | 263 | 283 | 280 | 276 | 3.89 | cps |
| Arsenic | 75-2 | 3 | 3 | 10 | 6 | 69.34 | cps |
| Barium | 135-1 | 43 | 57 | 37 | 46 | 22.36 | cps |
| Barium | 137-1 | 73 | 87 | 70 | 77 | 11.51 | cps |
| Beryllium | 9-1 | 117 | 120 | 83 | 107 | 19.01 | cps |
| Bismuth | 209-1 | 9238197 | 9227749 | 9087352 | 9184433 | 0.92 | cps |
| Bismuth | 209-2 | 8093579 | 8067043 | 7967916 | 8042846 | 0.82 | cps |
| Bromine | 81-1 | 13069 | 13403 | 13339 | 13271 | 1.33 | cps |
| Bromine | 81-2 | 163 | 110 | 190 | 154 | 26.37 | cps |
| Cadmium | 108-1 | 13 | 10 | 13 | 12 | 15.73 | cps |
| Cadmium | 106-1 | 4654 | 4254 | 4294 | 4401 | 5.01 | cps |
| Cadmium | 111-1 | 935 | 857 | 880 | 891 | 4.50 | cps |
| Calcium | 43-1 | 203 | 227 | 183 | 204 | 10.61 | cps |
| Calcium | 44-1 | 6455 | 6391 | 6201 | 6349 | 2.08 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2134 | 2067 | 2210 | 2137 | 3.36 | cps |
| Cobalt | 59-2 | 133 | 183 | 133 | 150 | 19.24 | cps |
| Copper | 63-2 | 993 | 1023 | 1060 | 1026 | 3.26 | cps |
| Dysprosium | 156-1 | 17 | 13 | 7 | 12 | 41.65 | cps |
| Dysprosium | 156-2 | 3 | 13 | 7 | 8 | 65.47 | cps |
| Erbium | 164-1 | 47 | 70 | 87 | 68 | 29.64 | cps |
| Erbium | 164-2 | 37 | 37 | 73 | 49 | 43.29 | cps |
| Gadolinium | 160-1 | 57 | 33 | 73 | 54 | 36.91 | cps |
| Gadolinium | 160-2 | 710 | 600 | 587 | 632 | 10.71 | cps |
| Holmium | 165-1 | 15066804 | 14795481 | 14935231 | 14932505 | 0.91 | cps |
| Holmium | 165-2 | 11195566 | 11032730 | 11159404 | 11129233 | 0.77 | cps |
| Indium | 115-1 | 12321309 | 12522350 | 12368699 | 12404119 | 0.85 | cps |
| Indium | 115-2 | 4903753 | 4842306 | 4838420 | 4861493 | 0.75 | cps |
| Iron | 56-2 | 21192 | 20267 | 20451 | 20636 | 2.37 | cps |
| Iron | 57-2 | 1133 | 1100 | 1110 | 1114 | 1.54 | cps |
| Iron | 54-2 | 2787 | 2454 | 2644 | 2628 | 6.36 | cps |
| Krypton | 83-1 | 170 | 210 | 230 | 203 | 15.02 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB003 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB003 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSA003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA003 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:42:22 | DataFile Name : | 016ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25104197 | 25001950 | 25251174 | 25119107 | 0.50 | cps |
| Antimony | 121-1 | 13186 | 12959 | 13637 | 13261 | 2.60 | cps |
| Arsenic | 75-2 | 243 | 223 | 170 | 212 | 17.86 | cps |
| Barium | 135-1 | 4144 | 4131 | 4121 | 4132 | 0.28 | cps |
| Barium | 137-1 | 7032 | 7068 | 7209 | 7103 | 1.31 | cps |
| Beryllium | 9-1 | 537 | 493 | 440 | 490 | 9.88 | cps |
| Bismuth | 209-1 | 8837316 | 8971345 | 8955945 | 8921535 | 0.82 | cps |
| Bismuth | 209-2 | 7597129 | 7870474 | 7672427 | 7713343 | 1.83 | cps |
| Bromine | 81-1 | 13169 | 13606 | 13830 | 13535 | 2.48 | cps |
| Bromine | 81-2 | 370 | 413 | 450 | 411 | 9.74 | cps |
| Cadmium | 108-1 | 1930 | 1783 | 1737 | 1817 | 5.55 | cps |
| Cadmium | 106-1 | 3921 | 3827 | 3851 | 3866 | 1.26 | cps |
| Cadmium | 111-1 | 1876 | 1790 | 1798 | 1821 | 2.62 | cps |
| Calcium | 43-1 | 2892914 | 2898330 | 2939503 | 2910249 | 0.88 | cps |
| Calcium | 44-1 | 46366113 | 46637183 | 47069454 | 46690917 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 93004 | 91686 | 92370 | 92354 | 0.71 | cps |
| Cobalt | 59-2 | 8909 | 9266 | 8793 | 8989 | 2.74 | cps |
| Copper | 63-2 | 37303 | 36845 | 37109 | 37086 | 0.62 | cps |
| Dysprosium | 156-1 | 60 | 37 | 80 | 59 | 36.83 | cps |
| Dysprosium | 156-2 | 57 | 27 | 47 | 43 | 35.25 | cps |
| Erbium | 164-1 | 107 | 123 | 103 | 111 | 9.65 | cps |
| Erbium | 164-2 | 93 | 83 | 117 | 98 | 17.50 | cps |
| Gadolinium | 160-1 | 113 | 127 | 93 | 111 | 15.10 | cps |
| Gadolinium | 160-2 | 677 | 667 | 680 | 674 | 1.03 | cps |
| Holmium | 165-1 | 15084933 | 15223883 | 15420251 | 15243022 | 1.11 | cps |
| Holmium | 165-2 | 11131457 | 11278281 | 11470988 | 11293575 | 1.51 | cps |
| Indium | 115-1 | 11659770 | 11601619 | 11700635 | 11654008 | 0.43 | cps |
| Indium | 115-2 | 4531855 | 4533723 | 4580614 | 4548731 | 0.61 | cps |
| Iron | 56-2 | 436638460 | 436596953 | 433416487 | 435550634 | 0.42 | cps |
| Iron | 57-2 | 10899836 | 10882617 | 10743215 | 10841889 | 0.79 | cps |
| Iron | 54-2 | 23620235 | 23563552 | 23630322 | 23604703 | 0.15 | cps |
| Krypton | 83-1 | 137 | 183 | 203 | 174 | 19.61 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSA003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA003 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSA003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA003 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB003 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB003 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB003 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB003 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV021 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 15:48:33 | DataFile Name : | 018CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13741311 | 13747834 | 13686893 | 13725346 | 0.24 | cps |
| Antimony | 121-1 | 5890326 | 5883076 | 5912513 | 5895305 | 0.26 | cps |
| Arsenic | 75-2 | 292513 | 291994 | 293987 | 292831 | 0.35 | cps |
| Barium | 135-1 | 7725031 | 7601584 | 7776308 | 7700974 | 1.17 | cps |
| Barium | 137-1 | 13093007 | 13286544 | 13238381 | 13205977 | 0.76 | cps |
| Beryllium | 9-1 | 703822 | 713067 | 712191 | 709693 | 0.72 | cps |
| Bismuth | 209-1 | 8898233 | 8898566 | 8747741 | 8848180 | 0.98 | cps |
| Bismuth | 209-2 | 7483496 | 7324055 | 7299247 | 7368932 | 1.36 | cps |
| Bromine | 81-1 | 13436 | 12849 | 12952 | 13079 | 2.40 | cps |
| Bromine | 81-2 | 127 | 103 | 143 | 124 | 16.15 | cps |
| Cadmium | 108-1 | 105550 | 106544 | 107887 | 106660 | 1.10 | cps |
| Cadmium | 106-1 | 153679 | 153871 | 153986 | 153846 | 0.10 | cps |
| Cadmium | 111-1 | 1436644 | 1461437 | 1447970 | 1448683 | 0.86 | cps |
| Calcium | 43-1 | 7567209 | 7452580 | 7547460 | 7522416 | 0.81 | cps |
| Calcium | 44-1 | 121572495 | 121759122 | 121899625 | 121743747 | 0.13 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2283084 | 2271959 | 2292771 | 2282605 | 0.46 | cps |
| Cobalt | 59-2 | 3501327 | 3518770 | 3503713 | 3507936 | 0.27 | cps |
| Copper | 63-2 | 24455403 | 24347826 | 24392624 | 24398618 | 0.22 | cps |
| Dysprosium | 156-1 | 283 | 267 | 273 | 274 | 3.06 | cps |
| Dysprosium | 156-2 | 523 | 507 | 620 | 550 | 11.13 | cps |
| Erbium | 164-1 | 313 | 337 | 297 | 316 | 6.37 | cps |
| Erbium | 164-2 | 253 | 170 | 263 | 229 | 22.39 | cps |
| Gadolinium | 160-1 | 303 | 250 | 333 | 296 | 14.28 | cps |
| Gadolinium | 160-2 | 700 | 737 | 753 | 730 | 3.74 | cps |
| Holmium | 165-1 | 15229335 | 15430126 | 15336984 | 15332148 | 0.66 | cps |
| Holmium | 165-2 | 11112985 | 11072706 | 11074516 | 11086736 | 0.21 | cps |
| Indium | 115-1 | 11651145 | 11616896 | 11492372 | 11586804 | 0.72 | cps |
| Indium | 115-2 | 4393632 | 4366083 | 4384703 | 4381472 | 0.32 | cps |
| Iron | 56-2 | 534920379 | 538048139 | 537275339 | 536747952 | 0.30 | cps |
| Iron | 57-2 | 13477880 | 13316214 | 13529403 | 13441166 | 0.83 | cps |
| Iron | 54-2 | 29201992 | 29218177 | 29233179 | 29217783 | 0.05 | cps |
| Krypton | 83-1 | 167 | 233 | 243 | 214 | 19.44 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV021 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV021 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB021 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB021 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB021 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB021 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-02DUPDLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-07-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:01:09 | DataFile Name : | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4307 | 4734 | 4434 | 4492 | 4.88 | cps |
| Lead | 207-1 | 3697 | 3447 | 3911 | 3685 | 6.30 | cps |
| Lead | 208-1 | 17211 | 17575 | 17608 | 17465 | 1.26 | cps |
| Lithium | 6-1 | 1973444 | 1884518 | 1921684 | 1926549 | 2.32 | cps |
| Magnesium | 24-2 | 9386159 | 9293923 | 9352807 | 9344297 | 0.50 | cps |
| Manganese | 55-2 | 6760307 | 6824103 | 6859546 | 6814652 | 0.74 | cps |
| Molybdenum | 94-1 | 3867 | 4004 | 3757 | 3876 | 3.19 | cps |
| Molybdenum | 95-1 | 667 | 590 | 647 | 634 | 6.27 | cps |
| Molybdenum | 96-1 | 6448 | 6318 | 6852 | 6539 | 4.25 | cps |
| Molybdenum | 97-1 | 443 | 413 | 430 | 429 | 3.51 | cps |
| Molybdenum | 98-1 | 720 | 730 | 793 | 748 | 5.32 | cps |
| Neodymium | 150-1 | 94255 | 95504 | 95487 | 95082 | 0.75 | cps |
| Neodymium | 150-2 | 58976 | 59890 | 60640 | 59835 | 1.39 | cps |
| Nickel | 60-2 | 26794 | 27522 | 27158 | 27158 | 1.34 | cps |
| Phosphorus | 31-2 | 4421 | 4654 | 4361 | 4478 | 3.46 | cps |
| Potassium | 39-2 | 268654 | 269445 | 269587 | 269229 | 0.19 | cps |
| Rhodium | 103-1 | 11662933 | 11412777 | 11482307 | 11519339 | 1.12 | cps |
| Rhodium | 103-2 | 7046124 | 7043949 | 7117077 | 7069050 | 0.59 | cps |
| Scandium | 45-1 | 6877034 | 6733629 | 6879192 | 6829952 | 1.22 | cps |
| Scandium | 45-2 | 613702 | 616592 | 621043 | 617112 | 0.60 | cps |
| Selenium | 82-1 | 252 | 269 | 236 | 253 | 6.49 | cps |
| Selenium | 77-2 | 223 | 207 | 160 | 197 | 16.69 | cps |
| Selenium | 78-2 | 590 | 547 | 570 | 569 | 3.81 | cps |
| Silicon | 28-1 | 76955221 | 78155462 | 78046931 | 77719204 | 0.85 | cps |
| Silver | 107-1 | 400 | 350 | 343 | 364 | 8.50 | cps |
| Silver | 109-1 | 230 | 263 | 283 | 259 | 10.41 | cps |
| Sodium | 23-2 | 4733597 | 4755661 | 4822877 | 4770711 | 0.97 | cps |
| Strontium | 86-1 | 409776 | 410853 | 411418 | 410682 | 0.20 | cps |
| Strontium | 88-1 | 3684595 | 3664415 | 3701672 | 3683561 | 0.51 | cps |
| Sulfur | 34-1 | 5503957 | 5578149 | 5526413 | 5536173 | 0.69 | cps |
| Terbium | 159-1 | 16143807 | 15739501 | 16331953 | 16071754 | 1.88 | cps |
| Terbium | 159-2 | 11376609 | 11379125 | 11420659 | 11392131 | 0.22 | cps |
| Thallium | 203-1 | 820 | 847 | 697 | 788 | 10.16 | cps |
| Thallium | 205-1 | 1787 | 1937 | 1883 | 1869 | 4.07 | cps |
| Tin | 118-1 | 2307 | 2394 | 2204 | 2301 | 4.13 | cps |
| Titanium | 47-1 | 2964 | 3314 | 3047 | 3108 | 5.88 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |



1530

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3877 | 3761 | 3684 | 3774 | 2.58 | cps |
| Lead | 207-1 | 3080 | 3030 | 3114 | 3075 | 1.36 | cps |
| Lead | 208-1 | 15330 | 14533 | 14500 | 14788 | 3.18 | cps |
| Lithium | 6-1 | 1987318 | 1983226 | 1953344 | 1974629 | 0.94 | cps |
| Magnesium | 24-2 | 7950526 | 7895833 | 7970866 | 7939075 | 0.49 | cps |
| Manganese | 55-2 | 6692920 | 6665000 | 6663870 | 6673930 | 0.25 | cps |
| Molybdenum | 94-1 | 5698 | 5578 | 5618 | 5631 | 1.09 | cps |
| Molybdenum | 95-1 | 1107 | 977 | 807 | 963 | 15.62 | cps |
| Molybdenum | 96-1 | 7032 | 7269 | 6965 | 7088 | 2.25 | cps |
| Molybdenum | 97-1 | 620 | 583 | 553 | 586 | 5.70 | cps |
| Molybdenum | 98-1 | 1437 | 1327 | 1010 | 1258 | 17.61 | cps |
| Neodymium | 150-1 | 89697 | 93866 | 91873 | 91812 | 2.27 | cps |
| Neodymium | 150-2 | 57992 | 58424 | 57483 | 57966 | 0.81 | cps |
| Nickel | 60-2 | 17520 | 16893 | 17384 | 17266 | 1.91 | cps |
| Phosphorus | 31-2 | 4064 | 3684 | 3700 | 3816 | 5.63 | cps |
| Potassium | 39-2 | 285201 | 285444 | 285261 | 285302 | 0.04 | cps |
| Rhodium | 103-1 | 11944250 | 11718183 | 11967076 | 11876503 | 1.16 | cps |
| Rhodium | 103-2 | 7229312 | 6885079 | 7132078 | 7082156 | 2.51 | cps |
| Scandium | 45-1 | 7122363 | 7021967 | 7113744 | 7086025 | 0.79 | cps |
| Scandium | 45-2 | 636801 | 605636 | 621955 | 621464 | 2.51 | cps |
| Selenium | 82-1 | 190 | 241 | 192 | 208 | 13.81 | cps |
| Selenium | 77-2 | 147 | 187 | 200 | 178 | 15.61 | cps |
| Selenium | 78-2 | 610 | 593 | 597 | 600 | 1.47 | cps |
| Silicon | 28-1 | 83298050 | 84572575 | 84590627 | 84153751 | 0.88 | cps |
| Silver | 107-1 | 280 | 273 | 340 | 298 | 12.33 | cps |
| Silver | 109-1 | 207 | 227 | 180 | 204 | 11.45 | cps |
| Sodium | 23-2 | 4215515 | 4254037 | 4287346 | 4252299 | 0.85 | cps |
| Strontium | 86-1 | 409812 | 417728 | 415814 | 414451 | 1.00 | cps |
| Strontium | 88-1 | 3685685 | 3759563 | 3798313 | 3747854 | 1.53 | cps |
| Sulfur | 34-1 | 5110791 | 5085057 | 5184366 | 5126738 | 1.01 | cps |
| Terbium | 159-1 | 16860394 | 16299769 | 16477324 | 16545829 | 1.73 | cps |
| Terbium | 159-2 | 11711590 | 11079275 | 11440000 | 11410288 | 2.78 | cps |
| Thallium | 203-1 | 827 | 723 | 647 | 732 | 12.34 | cps |
| Thallium | 205-1 | 1717 | 1580 | 1413 | 1570 | 9.68 | cps |
| Tin | 118-1 | 3024 | 3157 | 2954 | 3045 | 3.39 | cps |
| Titanium | 47-1 | 3324 | 3377 | 3434 | 3378 | 1.63 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-08DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-10-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:16:39 | DataFile Name : | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 46217 | 46284 | 47260 | 46587 | 1.25 | cps |
| Vanadium | 51-2 | 502634 | 502224 | 499427 | 501428 | 0.35 | cps |
| Yttrium | 89-1 | 21716986 | 21669580 | 21818418 | 21734995 | 0.35 | cps |
| Yttrium | 89-2 | 6120358 | 5798230 | 5964413 | 5961000 | 2.70 | cps |
| Zinc | 66-2 | 128829 | 128039 | 129398 | 128756 | 0.53 | cps |
| Zirconium | 90-1 | 12826 | 13610 | 12946 | 13127 | 3.22 | cps |
| Zirconium | 91-1 | 2927 | 2924 | 2950 | 2934 | 0.50 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5306-10DLX10 | Instrumnet Name : | P7 |
| Client Sample ID : | OU4-VSL-11-121224 | Dilution Factor : | 10 |
| Date & Time Acquired : | 2024-12-27 16:19:52 | DataFile Name : | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 49298 | 50833 | 50583 | 50238 | 1.64 | cps |
| Vanadium | 51-2 | 511360 | 510974 | 509851 | 510728 | 0.15 | cps |
| Yttrium | 89-1 | 21721356 | 21503740 | 21618163 | 21614419 | 0.50 | cps |
| Yttrium | 89-2 | 6104724 | 6060708 | 6041407 | 6068946 | 0.53 | cps |
| Zinc | 66-2 | 124332 | 124991 | 123001 | 124108 | 0.82 | cps |
| Zirconium | 90-1 | 9947 | 10391 | 10437 | 10258 | 2.64 | cps |
| Zirconium | 91-1 | 2290 | 2204 | 2394 | 2296 | 4.14 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV022 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV022 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV022 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB022 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB022 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:25:49 | DataFile Name : | 030CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4561 | 3197 | 1953 | 3237 | 40.29 | cps |
| Lead | 207-1 | 3871 | 2857 | 1550 | 2759 | 42.16 | cps |
| Lead | 208-1 | 17661 | 12496 | 7451 | 12536 | 40.73 | cps |
| Lithium | 6-1 | 2042346 | 1992247 | 2052931 | 2029174 | 1.60 | cps |
| Magnesium | 24-2 | 3247 | 2957 | 8945 | 5050 | 66.87 | cps |
| Manganese | 55-2 | 950 | 930 | 1260 | 1047 | 17.68 | cps |
| Molybdenum | 94-1 | 4477 | 3180 | 1923 | 3194 | 39.98 | cps |
| Molybdenum | 95-1 | 6105 | 3807 | 2547 | 4153 | 43.44 | cps |
| Molybdenum | 96-1 | 6311 | 4134 | 2517 | 4321 | 44.07 | cps |
| Molybdenum | 97-1 | 3550 | 2457 | 1483 | 2497 | 41.42 | cps |
| Molybdenum | 98-1 | 9560 | 6375 | 3711 | 6548 | 44.72 | cps |
| Neodymium | 150-1 | 13 | 7 | 27 | 16 | 65.47 | cps |
| Neodymium | 150-2 | 3 | 13 | 17 | 11 | 62.48 | cps |
| Nickel | 60-2 | 660 | 657 | 573 | 630 | 7.79 | cps |
| Phosphorus | 31-2 | 143 | 127 | 160 | 143 | 11.63 | cps |
| Potassium | 39-2 | 57508 | 56655 | 57790 | 57318 | 1.03 | cps |
| Rhodium | 103-1 | 11752273 | 11629036 | 11670285 | 11683865 | 0.54 | cps |
| Rhodium | 103-2 | 7122358 | 7009526 | 7123831 | 7085238 | 0.93 | cps |
| Scandium | 45-1 | 6823753 | 6669445 | 6716672 | 6736623 | 1.17 | cps |
| Scandium | 45-2 | 595031 | 593234 | 596406 | 594890 | 0.27 | cps |
| Selenium | 82-1 | 150 | 60 | 72 | 94 | 52.22 | cps |
| Selenium | 77-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Selenium | 78-2 | 353 | 380 | 387 | 373 | 4.73 | cps |
| Silicon | 28-1 | 568199 | 554290 | 553318 | 558602 | 1.49 | cps |
| Silver | 107-1 | 1760 | 1277 | 1007 | 1348 | 28.32 | cps |
| Silver | 109-1 | 1827 | 1167 | 900 | 1298 | 36.76 | cps |
| Sodium | 23-2 | 43628 | 41870 | 47878 | 44459 | 6.95 | cps |
| Strontium | 86-1 | 683 | 660 | 443 | 596 | 22.22 | cps |
| Strontium | 88-1 | 3027 | 1747 | 1067 | 1947 | 51.13 | cps |
| Sulfur | 34-1 | 161510 | 163982 | 166537 | 164010 | 1.53 | cps |
| Terbium | 159-1 | 16420355 | 16507480 | 16370446 | 16432760 | 0.42 | cps |
| Terbium | 159-2 | 11329216 | 11292844 | 11424452 | 11348837 | 0.60 | cps |
| Thallium | 203-1 | 1543 | 1307 | 1050 | 1300 | 18.98 | cps |
| Thallium | 205-1 | 3624 | 2824 | 2444 | 2964 | 20.33 | cps |
| Tin | 118-1 | 2417 | 1990 | 1737 | 2048 | 16.78 | cps |
| Titanium | 47-1 | 1440 | 893 | 553 | 962 | 46.49 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB022 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB022 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165821BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS821 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:32:28 | DataFile Name : | 032LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 67902 | 68981 | 67614 | 68166 | 1.06 | cps |
| Vanadium | 51-2 | 42857 | 43148 | 43486 | 43164 | 0.73 | cps |
| Yttrium | 89-1 | 19353066 | 19186280 | 18907369 | 19148905 | 1.18 | cps |
| Yttrium | 89-2 | 5351180 | 5454111 | 5332987 | 5379426 | 1.21 | cps |
| Zinc | 66-2 | 10120 | 10370 | 10510 | 10334 | 1.91 | cps |
| Zirconium | 90-1 | 40903 | 40840 | 41883 | 41209 | 1.42 | cps |
| Zirconium | 91-1 | 9220 | 9080 | 9190 | 9163 | 0.80 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1918177 | 1904450 | 1889211 | 1903946 | 0.76 | cps |
| Antimony | 121-1 | 52449 | 53586 | 53884 | 53306 | 1.42 | cps |
| Arsenic | 75-2 | 53258 | 54058 | 52646 | 53321 | 1.33 | cps |
| Barium | 135-1 | 73334 | 75552 | 74781 | 74556 | 1.51 | cps |
| Barium | 137-1 | 129931 | 130734 | 129973 | 130213 | 0.35 | cps |
| Beryllium | 9-1 | 350 | 373 | 337 | 353 | 5.25 | cps |
| Bismuth | 209-1 | 10242875 | 9900331 | 9863285 | 10002164 | 2.09 | cps |
| Bismuth | 209-2 | 8600538 | 8437892 | 8472836 | 8503755 | 1.01 | cps |
| Bromine | 81-1 | 34440 | 38213 | 38463 | 37039 | 6.09 | cps |
| Bromine | 81-2 | 5734 | 5471 | 5491 | 5566 | 2.64 | cps |
| Cadmium | 108-1 | 173 | 127 | 117 | 139 | 21.78 | cps |
| Cadmium | 106-1 | 5411 | 5068 | 4744 | 5074 | 6.57 | cps |
| Cadmium | 111-1 | 2946 | 2815 | 2873 | 2878 | 2.29 | cps |
| Calcium | 43-1 | 145497 | 148316 | 149491 | 147768 | 1.39 | cps |
| Calcium | 44-1 | 2288444 | 2337033 | 2386094 | 2337190 | 2.09 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 120305 | 119391 | 120120 | 119939 | 0.40 | cps |
| Cobalt | 59-2 | 52107 | 52649 | 52026 | 52261 | 0.65 | cps |
| Copper | 63-2 | 2020841 | 1977708 | 2012541 | 2003696 | 1.14 | cps |
| Dysprosium | 156-1 | 23460 | 23680 | 23880 | 23673 | 0.89 | cps |
| Dysprosium | 156-2 | 20555 | 20155 | 20008 | 20239 | 1.40 | cps |
| Erbium | 164-1 | 21356 | 21907 | 21760 | 21675 | 1.32 | cps |
| Erbium | 164-2 | 15722 | 15852 | 15966 | 15847 | 0.77 | cps |
| Gadolinium | 160-1 | 23513 | 23977 | 24091 | 23860 | 1.28 | cps |
| Gadolinium | 160-2 | 18839 | 18576 | 19333 | 18916 | 2.03 | cps |
| Holmium | 165-1 | 16911378 | 16172629 | 16379464 | 16487824 | 2.31 | cps |
| Holmium | 165-2 | 12015352 | 11717187 | 11946915 | 11893151 | 1.31 | cps |
| Indium | 115-1 | 13659306 | 12957694 | 13195316 | 13270772 | 2.69 | cps |
| Indium | 115-2 | 5149178 | 5021435 | 4941551 | 5037388 | 2.08 | cps |
| Iron | 56-2 | 57067919 | 56761221 | 57541729 | 57123623 | 0.69 | cps |
| Iron | 57-2 | 1423281 | 1429515 | 1416870 | 1423222 | 0.44 | cps |
| Iron | 54-2 | 3104106 | 3120156 | 3111910 | 3112057 | 0.26 | cps |
| Krypton | 83-1 | 247 | 240 | 190 | 226 | 13.73 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5255-02A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL72A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:35:44 | DataFile Name : | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 83068 | 84701 | 84396 | 84055 | 1.03 | cps |
| Vanadium | 51-2 | 110873 | 111263 | 111387 | 111174 | 0.24 | cps |
| Yttrium | 89-1 | 21160599 | 20058730 | 20119570 | 20446300 | 3.03 | cps |
| Yttrium | 89-2 | 5778505 | 5722735 | 5676324 | 5725855 | 0.89 | cps |
| Zinc | 66-2 | 121415 | 123724 | 123122 | 122754 | 0.98 | cps |
| Zirconium | 90-1 | 59393 | 59985 | 61585 | 60321 | 1.88 | cps |
| Zirconium | 91-1 | 12876 | 13641 | 13913 | 13477 | 3.99 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5259-04A | Instrumnet Name : | P7 |
| Client Sample ID : | ME28X0A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 16:44:31 | DataFile Name : | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 520336 | 530737 | 527472 | 526181 | 1.01 | cps |
| Lead | 207-1 | 424595 | 433650 | 431168 | 429804 | 1.09 | cps |
| Lead | 208-1 | 1994153 | 2031745 | 2016496 | 2014131 | 0.94 | cps |
| Lithium | 6-1 | 2154103 | 2085437 | 2082716 | 2107419 | 1.92 | cps |
| Magnesium | 24-2 | 15841232 | 15873895 | 15690411 | 15801846 | 0.62 | cps |
| Manganese | 55-2 | 4314399 | 4265198 | 4291818 | 4290472 | 0.57 | cps |
| Molybdenum | 94-1 | 31577 | 32008 | 32496 | 32027 | 1.43 | cps |
| Molybdenum | 95-1 | 18145 | 18602 | 18218 | 18322 | 1.34 | cps |
| Molybdenum | 96-1 | 25319 | 26017 | 25255 | 25530 | 1.65 | cps |
| Molybdenum | 97-1 | 11314 | 11728 | 11268 | 11437 | 2.22 | cps |
| Molybdenum | 98-1 | 29323 | 30014 | 29453 | 29597 | 1.24 | cps |
| Neodymium | 150-1 | 108490 | 110549 | 110143 | 109727 | 0.99 | cps |
| Neodymium | 150-2 | 67346 | 66757 | 65993 | 66699 | 1.02 | cps |
| Nickel | 60-2 | 110319 | 110624 | 108959 | 109967 | 0.81 | cps |
| Phosphorus | 31-2 | 14033 | 14093 | 13616 | 13914 | 1.87 | cps |
| Potassium | 39-2 | 1549020 | 1566811 | 1543566 | 1553132 | 0.78 | cps |
| Rhodium | 103-1 | 12439774 | 12103839 | 12112226 | 12218613 | 1.57 | cps |
| Rhodium | 103-2 | 7352583 | 7303036 | 7270771 | 7308797 | 0.56 | cps |
| Scandium | 45-1 | 7509444 | 7271878 | 7198683 | 7326669 | 2.22 | cps |
| Scandium | 45-2 | 632690 | 638280 | 632928 | 634633 | 0.50 | cps |
| Selenium | 82-1 | 2687 | 2724 | 2503 | 2638 | 4.50 | cps |
| Selenium | 77-2 | 383 | 507 | 430 | 440 | 14.15 | cps |
| Selenium | 78-2 | 1530 | 1447 | 1340 | 1439 | 6.62 | cps |
| Silicon | 28-1 | 30238123 | 30495895 | 30160165 | 30298061 | 0.58 | cps |
| Silver | 107-1 | 4624 | 4251 | 4127 | 4334 | 5.97 | cps |
| Silver | 109-1 | 4304 | 3704 | 3784 | 3931 | 8.29 | cps |
| Sodium | 23-2 | 203756 | 205033 | 204709 | 204499 | 0.32 | cps |
| Strontium | 86-1 | 324052 | 327203 | 327277 | 326177 | 0.56 | cps |
| Strontium | 88-1 | 2896740 | 2941329 | 2920846 | 2919638 | 0.76 | cps |
| Sulfur | 34-1 | 229252 | 233531 | 231616 | 231466 | 0.93 | cps |
| Terbium | 159-1 | 17414409 | 17110147 | 17044108 | 17189555 | 1.15 | cps |
| Terbium | 159-2 | 11808573 | 11721411 | 11702051 | 11744012 | 0.48 | cps |
| Thallium | 203-1 | 31496 | 31593 | 31443 | 31511 | 0.24 | cps |
| Thallium | 205-1 | 73634 | 74610 | 74847 | 74364 | 0.86 | cps |
| Tin | 118-1 | 19760 | 19644 | 20121 | 19842 | 1.25 | cps |
| Titanium | 47-1 | 373505 | 376055 | 373111 | 374224 | 0.43 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5266-17 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2902 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:03:32 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1369589 | 1373596 | 1377222 | 1373469 | 0.28 | cps |
| Lead | 207-1 | 1115170 | 1116586 | 1106915 | 1112890 | 0.47 | cps |
| Lead | 208-1 | 5440155 | 5387674 | 5390256 | 5406028 | 0.55 | cps |
| Lithium | 6-1 | 2096976 | 2119840 | 2088876 | 2101898 | 0.76 | cps |
| Magnesium | 24-2 | 8916755 | 8892524 | 8897469 | 8902250 | 0.14 | cps |
| Manganese | 55-2 | 10464696 | 10606187 | 10408979 | 10493287 | 0.97 | cps |
| Molybdenum | 94-1 | 36773 | 36699 | 36088 | 36520 | 1.03 | cps |
| Molybdenum | 95-1 | 37040 | 37030 | 36532 | 36867 | 0.79 | cps |
| Molybdenum | 96-1 | 46383 | 46123 | 46203 | 46236 | 0.29 | cps |
| Molybdenum | 97-1 | 23082 | 22908 | 22728 | 22906 | 0.77 | cps |
| Molybdenum | 98-1 | 60511 | 60421 | 59785 | 60239 | 0.66 | cps |
| Neodymium | 150-1 | 76731 | 77119 | 76764 | 76871 | 0.28 | cps |
| Neodymium | 150-2 | 47205 | 46991 | 45761 | 46652 | 1.67 | cps |
| Nickel | 60-2 | 102450 | 101326 | 102181 | 101986 | 0.58 | cps |
| Phosphorus | 31-2 | 11741 | 11721 | 11598 | 11687 | 0.66 | cps |
| Potassium | 39-2 | 1098146 | 1095816 | 1100645 | 1098202 | 0.22 | cps |
| Rhodium | 103-1 | 12145404 | 12111261 | 12314169 | 12190278 | 0.89 | cps |
| Rhodium | 103-2 | 7278578 | 7341091 | 7360671 | 7326780 | 0.59 | cps |
| Scandium | 45-1 | 7235204 | 7247564 | 7236143 | 7239637 | 0.10 | cps |
| Scandium | 45-2 | 637050 | 641774 | 636536 | 638453 | 0.45 | cps |
| Selenium | 82-1 | 377 | 360 | 417 | 384 | 7.63 | cps |
| Selenium | 77-2 | 143 | 103 | 143 | 130 | 17.77 | cps |
| Selenium | 78-2 | 597 | 543 | 533 | 558 | 6.10 | cps |
| Silicon | 28-1 | 24357578 | 24330794 | 24483816 | 24390729 | 0.34 | cps |
| Silver | 107-1 | 5955 | 5741 | 5368 | 5688 | 5.22 | cps |
| Silver | 109-1 | 5728 | 5308 | 5104 | 5380 | 5.91 | cps |
| Sodium | 23-2 | 132104 | 134020 | 133455 | 133193 | 0.74 | cps |
| Strontium | 86-1 | 238230 | 239713 | 237909 | 238617 | 0.40 | cps |
| Strontium | 88-1 | 2146525 | 2137276 | 2106722 | 2130174 | 0.98 | cps |
| Sulfur | 34-1 | 215731 | 217746 | 215245 | 216240 | 0.61 | cps |
| Terbium | 159-1 | 17168393 | 17049459 | 17068255 | 17095369 | 0.37 | cps |
| Terbium | 159-2 | 11838654 | 11682035 | 11703479 | 11741389 | 0.72 | cps |
| Thallium | 203-1 | 5881 | 5885 | 6121 | 5962 | 2.31 | cps |
| Thallium | 205-1 | 14248 | 14364 | 14354 | 14322 | 0.45 | cps |
| Tin | 118-1 | 26431 | 27590 | 27122 | 27048 | 2.16 | cps |
| Titanium | 47-1 | 298972 | 298741 | 299773 | 299162 | 0.18 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5266-18 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2903 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:06:43 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2324293 | 2297915 | 2270570 | 2297593 | 1.17 | cps |
| Antimony | 121-1 | 119673 | 123148 | 125193 | 122671 | 2.27 | cps |
| Arsenic | 75-2 | 11968 | 11465 | 11388 | 11607 | 2.72 | cps |
| Barium | 135-1 | 573722 | 596212 | 596768 | 588901 | 2.23 | cps |
| Barium | 137-1 | 1005525 | 1033901 | 1030798 | 1023408 | 1.52 | cps |
| Beryllium | 9-1 | 2090 | 1933 | 1933 | 1986 | 4.56 | cps |
| Bismuth | 209-1 | 10844363 | 10177255 | 10070261 | 10363960 | 4.05 | cps |
| Bismuth | 209-2 | 8408631 | 8401638 | 8460390 | 8423553 | 0.38 | cps |
| Bromine | 81-1 | 25575 | 27158 | 27088 | 26607 | 3.36 | cps |
| Bromine | 81-2 | 2907 | 2700 | 2610 | 2739 | 5.55 | cps |
| Cadmium | 108-1 | 1560 | 1627 | 1707 | 1631 | 4.50 | cps |
| Cadmium | 106-1 | 7775 | 7319 | 7315 | 7470 | 3.54 | cps |
| Cadmium | 111-1 | 18999 | 19127 | 19175 | 19101 | 0.48 | cps |
| Calcium | 43-1 | 2629548 | 2727225 | 2666412 | 2674395 | 1.84 | cps |
| Calcium | 44-1 | 42092536 | 43722181 | 42955671 | 42923463 | 1.90 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5921718 | 5866592 | 5846492 | 5878267 | 0.66 | cps |
| Cobalt | 59-2 | 130212 | 128686 | 128645 | 129181 | 0.69 | cps |
| Copper | 63-2 | 534217 | 536579 | 530538 | 533778 | 0.57 | cps |
| Dysprosium | 156-1 | 19757 | 19771 | 20215 | 19914 | 1.31 | cps |
| Dysprosium | 156-2 | 16927 | 17141 | 17080 | 17049 | 0.65 | cps |
| Erbium | 164-1 | 20655 | 20211 | 20261 | 20376 | 1.19 | cps |
| Erbium | 164-2 | 14628 | 14688 | 14404 | 14573 | 1.03 | cps |
| Gadolinium | 160-1 | 18943 | 19734 | 19557 | 19411 | 2.14 | cps |
| Gadolinium | 160-2 | 15595 | 15295 | 15085 | 15325 | 1.67 | cps |
| Holmium | 165-1 | 17970595 | 16677704 | 16734931 | 17127743 | 4.26 | cps |
| Holmium | 165-2 | 11846720 | 11936946 | 11622482 | 11802049 | 1.37 | cps |
| Indium | 115-1 | 14351821 | 13177318 | 13322530 | 13617223 | 4.70 | cps |
| Indium | 115-2 | 4880780 | 4880821 | 4846825 | 4869476 | 0.40 | cps |
| Iron | 56-2 | 816717961 | 814119961 | 809708415 | 813515446 | 0.44 | cps |
| Iron | 57-2 | 20283216 | 20390233 | 19910892 | 20194780 | 1.25 | cps |
| Iron | 54-2 | 44685461 | 44305824 | 44000179 | 44330488 | 0.77 | cps |
| Krypton | 83-1 | 220 | 287 | 230 | 246 | 14.64 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01ARE2 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:09:51 | DataFile Name : | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 286062 | 288275 | 288925 | 287754 | 0.52 | cps |
| Vanadium | 51-2 | 900607 | 887026 | 887175 | 891603 | 0.87 | cps |
| Yttrium | 89-1 | 26290023 | 25542920 | 25391946 | 25741630 | 1.87 | cps |
| Yttrium | 89-2 | 6752663 | 6549149 | 6586643 | 6629485 | 1.63 | cps |
| Zinc | 66-2 | 9517235 | 9375715 | 9438149 | 9443700 | 0.75 | cps |
| Zirconium | 90-1 | 566434 | 586460 | 578405 | 577100 | 1.75 | cps |
| Zirconium | 91-1 | 127260 | 133700 | 130638 | 130533 | 2.47 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:12:49 | DataFile Name : | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8545499 | 8507968 | 8536321 | 8529929 | 0.23 | cps |
| Antimony | 121-1 | 2150 | 2254 | 2227 | 2210 | 2.43 | cps |
| Arsenic | 75-2 | 6201 | 6421 | 6612 | 6411 | 3.20 | cps |
| Barium | 135-1 | 723074 | 727312 | 723704 | 724696 | 0.32 | cps |
| Barium | 137-1 | 1244736 | 1254216 | 1254724 | 1251225 | 0.45 | cps |
| Beryllium | 9-1 | 1850 | 1617 | 1640 | 1702 | 7.55 | cps |
| Bismuth | 209-1 | 9958542 | 9925680 | 9956835 | 9947019 | 0.19 | cps |
| Bismuth | 209-2 | 8259471 | 8336704 | 8232957 | 8276377 | 0.65 | cps |
| Bromine | 81-1 | 22604 | 22060 | 20217 | 21627 | 5.78 | cps |
| Bromine | 81-2 | 1083 | 1090 | 950 | 1041 | 7.59 | cps |
| Cadmium | 108-1 | 1007 | 867 | 923 | 932 | 7.55 | cps |
| Cadmium | 106-1 | 7098 | 7459 | 7282 | 7280 | 2.47 | cps |
| Cadmium | 111-1 | 1960 | 2242 | 2073 | 2092 | 6.77 | cps |
| Calcium | 43-1 | 610141 | 623063 | 623636 | 618947 | 1.23 | cps |
| Calcium | 44-1 | 9635216 | 9869323 | 9722396 | 9742312 | 1.21 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 207808 | 209353 | 208707 | 208622 | 0.37 | cps |
| Cobalt | 59-2 | 277291 | 276656 | 277858 | 277269 | 0.22 | cps |
| Copper | 63-2 | 475485 | 477714 | 475163 | 476121 | 0.29 | cps |
| Dysprosium | 156-1 | 92989 | 94354 | 93589 | 93644 | 0.73 | cps |
| Dysprosium | 156-2 | 76755 | 78035 | 78099 | 77629 | 0.98 | cps |
| Erbium | 164-1 | 93406 | 94591 | 94469 | 94155 | 0.69 | cps |
| Erbium | 164-2 | 66678 | 68450 | 67455 | 67528 | 1.32 | cps |
| Gadolinium | 160-1 | 94771 | 94757 | 96043 | 95190 | 0.78 | cps |
| Gadolinium | 160-2 | 72104 | 72204 | 71535 | 71948 | 0.50 | cps |
| Holmium | 165-1 | 16834306 | 16521482 | 16591444 | 16649077 | 0.99 | cps |
| Holmium | 165-2 | 11871159 | 11900135 | 11787282 | 11852858 | 0.49 | cps |
| Indium | 115-1 | 13151266 | 13190119 | 13292983 | 13211456 | 0.55 | cps |
| Indium | 115-2 | 4902523 | 4895935 | 4904693 | 4901050 | 0.09 | cps |
| Iron | 56-2 | 322922955 | 322651042 | 322407475 | 322660491 | 0.08 | cps |
| Iron | 57-2 | 7955586 | 7964449 | 8011601 | 7977212 | 0.38 | cps |
| Iron | 54-2 | 17592389 | 17576309 | 17560168 | 17576289 | 0.09 | cps |
| Krypton | 83-1 | 340 | 360 | 307 | 336 | 8.03 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18558542 | 18344263 | 18439779 | 18447528 | 0.58 | cps |
| Antimony | 121-1 | 1317 | 1303 | 1280 | 1300 | 1.43 | cps |
| Arsenic | 75-2 | 4631 | 4924 | 4591 | 4715 | 3.86 | cps |
| Barium | 135-1 | 686549 | 694100 | 689940 | 690196 | 0.55 | cps |
| Barium | 137-1 | 1197904 | 1203732 | 1199170 | 1200268 | 0.26 | cps |
| Beryllium | 9-1 | 1983 | 1957 | 1930 | 1957 | 1.36 | cps |
| Bismuth | 209-1 | 9734605 | 9826948 | 9677580 | 9746377 | 0.77 | cps |
| Bismuth | 209-2 | 8381388 | 8132247 | 8243196 | 8252277 | 1.51 | cps |
| Bromine | 81-1 | 16589 | 16700 | 16289 | 16526 | 1.29 | cps |
| Bromine | 81-2 | 687 | 610 | 753 | 683 | 10.50 | cps |
| Cadmium | 108-1 | 1067 | 1137 | 1240 | 1148 | 7.60 | cps |
| Cadmium | 106-1 | 7762 | 7922 | 7769 | 7818 | 1.16 | cps |
| Cadmium | 111-1 | 2477 | 2455 | 2324 | 2418 | 3.42 | cps |
| Calcium | 43-1 | 496451 | 490990 | 491923 | 493122 | 0.59 | cps |
| Calcium | 44-1 | 7714054 | 7659833 | 7638896 | 7670927 | 0.51 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 285241 | 283105 | 284455 | 284267 | 0.38 | cps |
| Cobalt | 59-2 | 284847 | 281839 | 284683 | 283790 | 0.60 | cps |
| Copper | 63-2 | 590705 | 587657 | 586887 | 588416 | 0.34 | cps |
| Dysprosium | 156-1 | 93398 | 91468 | 91955 | 92274 | 1.09 | cps |
| Dysprosium | 156-2 | 77841 | 77274 | 78082 | 77732 | 0.53 | cps |
| Erbium | 164-1 | 80825 | 81982 | 81067 | 81291 | 0.75 | cps |
| Erbium | 164-2 | 58164 | 58258 | 57628 | 58016 | 0.59 | cps |
| Gadolinium | 160-1 | 90493 | 91838 | 91067 | 91133 | 0.74 | cps |
| Gadolinium | 160-2 | 69092 | 68041 | 68620 | 68584 | 0.77 | cps |
| Holmium | 165-1 | 16327269 | 16243925 | 16384991 | 16318728 | 0.43 | cps |
| Holmium | 165-2 | 11804972 | 11706112 | 11803485 | 11771523 | 0.48 | cps |
| Indium | 115-1 | 13006797 | 12990460 | 13128072 | 13041776 | 0.58 | cps |
| Indium | 115-2 | 4908255 | 4821873 | 4844250 | 4858126 | 0.92 | cps |
| Iron | 56-2 | 346108675 | 343260982 | 341860542 | 343743399 | 0.63 | cps |
| Iron | 57-2 | 8574527 | 8399674 | 8451809 | 8475337 | 1.06 | cps |
| Iron | 54-2 | 18774348 | 18431568 | 18569338 | 18591751 | 0.93 | cps |
| Krypton | 83-1 | 317 | 323 | 287 | 309 | 6.32 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:16:03 | DataFile Name : | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 259776 | 260852 | 261623 | 260751 | 0.36 | cps |
| Lead | 207-1 | 218467 | 218554 | 219648 | 218890 | 0.30 | cps |
| Lead | 208-1 | 1010479 | 1011763 | 1015947 | 1012730 | 0.28 | cps |
| Lithium | 6-1 | 1981758 | 2027871 | 2027057 | 2012228 | 1.31 | cps |
| Magnesium | 24-2 | 10813777 | 10854520 | 10796144 | 10821481 | 0.28 | cps |
| Manganese | 55-2 | 4793320 | 4694545 | 4784173 | 4757346 | 1.15 | cps |
| Molybdenum | 94-1 | 516874 | 511292 | 515011 | 514392 | 0.55 | cps |
| Molybdenum | 95-1 | 3954 | 4061 | 3994 | 4003 | 1.35 | cps |
| Molybdenum | 96-1 | 93258 | 95240 | 93073 | 93857 | 1.28 | cps |
| Molybdenum | 97-1 | 2564 | 2557 | 2354 | 2491 | 4.79 | cps |
| Molybdenum | 98-1 | 6191 | 6448 | 6271 | 6304 | 2.08 | cps |
| Neodymium | 150-1 | 153269 | 153337 | 151369 | 152658 | 0.73 | cps |
| Neodymium | 150-2 | 93467 | 93440 | 92732 | 93213 | 0.45 | cps |
| Nickel | 60-2 | 112605 | 111886 | 111430 | 111974 | 0.53 | cps |
| Phosphorus | 31-2 | 23271 | 22894 | 22854 | 23006 | 1.00 | cps |
| Potassium | 39-2 | 1335365 | 1315998 | 1310445 | 1320603 | 0.99 | cps |
| Rhodium | 103-1 | 11862490 | 11810890 | 11841734 | 11838372 | 0.22 | cps |
| Rhodium | 103-2 | 7124586 | 6957399 | 7075197 | 7052394 | 1.22 | cps |
| Scandium | 45-1 | 7322567 | 7319470 | 7240768 | 7294268 | 0.64 | cps |
| Scandium | 45-2 | 636512 | 634035 | 641179 | 637242 | 0.57 | cps |
| Selenium | 82-1 | 290 | 242 | 273 | 268 | 8.97 | cps |
| Selenium | 77-2 | 260 | 200 | 273 | 244 | 15.98 | cps |
| Selenium | 78-2 | 607 | 683 | 587 | 626 | 8.16 | cps |
| Silicon | 28-1 | 28113882 | 27776341 | 27837467 | 27909230 | 0.64 | cps |
| Silver | 107-1 | 2164 | 2090 | 1960 | 2071 | 4.97 | cps |
| Silver | 109-1 | 1320 | 1323 | 1257 | 1300 | 2.89 | cps |
| Sodium | 23-2 | 600961 | 598414 | 602640 | 600672 | 0.35 | cps |
| Strontium | 86-1 | 522244 | 522887 | 520680 | 521937 | 0.22 | cps |
| Strontium | 88-1 | 4648671 | 4699231 | 4617084 | 4654995 | 0.89 | cps |
| Sulfur | 34-1 | 155320 | 151583 | 151792 | 152899 | 1.37 | cps |
| Terbium | 159-1 | 16921306 | 16792909 | 16530876 | 16748364 | 1.19 | cps |
| Terbium | 159-2 | 11607303 | 11494077 | 11490510 | 11530630 | 0.58 | cps |
| Thallium | 203-1 | 2610 | 2480 | 2417 | 2502 | 3.94 | cps |
| Thallium | 205-1 | 5621 | 5995 | 5908 | 5841 | 3.35 | cps |
| Tin | 118-1 | 14698 | 13990 | 13680 | 14123 | 3.69 | cps |
| Titanium | 47-1 | 3854858 | 3839075 | 3835476 | 3843136 | 0.27 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5256-01A | Instrumnet Name : | P7 |
| Client Sample ID : | MJNL92A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:20:18 | DataFile Name : | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 51838 | 51884 | 51409 | 51710 | 0.51 | cps |
| Vanadium | 51-2 | 163130 | 162935 | 162803 | 162956 | 0.10 | cps |
| Yttrium | 89-1 | 20631289 | 20437475 | 20459433 | 20509399 | 0.52 | cps |
| Yttrium | 89-2 | 5671319 | 5664961 | 5591244 | 5642508 | 0.79 | cps |
| Zinc | 66-2 | 1684962 | 1675787 | 1666913 | 1675887 | 0.54 | cps |
| Zirconium | 90-1 | 103531 | 102477 | 101810 | 102606 | 0.85 | cps |
| Zirconium | 91-1 | 22975 | 23726 | 23078 | 23260 | 1.75 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:23:23 | DataFile Name : | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 40505 | 41214 | 40793 | 40837 | 0.87 | cps |
| Vanadium | 51-2 | 552876 | 550215 | 547875 | 550322 | 0.45 | cps |
| Yttrium | 89-1 | 20457575 | 20348613 | 20009857 | 20272015 | 1.15 | cps |
| Yttrium | 89-2 | 5596297 | 5529100 | 5516189 | 5547195 | 0.78 | cps |
| Zinc | 66-2 | 336445 | 335946 | 337605 | 336666 | 0.25 | cps |
| Zirconium | 90-1 | 1168777 | 1170865 | 1171063 | 1170235 | 0.11 | cps |
| Zirconium | 91-1 | 260941 | 261978 | 261153 | 261357 | 0.21 | cps |



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Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:29:50 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 6451677 | 6506299 | 6470157 | 6476044 | 0.43 | cps |
| Antimony | 121-1 | 1717 | 1867 | 1900 | 1828 | 5.34 | cps |
| Arsenic | 75-2 | 4284 | 4517 | 4161 | 4321 | 4.19 | cps |
| Barium | 135-1 | 627920 | 642980 | 642339 | 637746 | 1.34 | cps |
| Barium | 137-1 | 1094412 | 1110887 | 1120485 | 1108595 | 1.19 | cps |
| Beryllium | 9-1 | 1237 | 1247 | 1300 | 1261 | 2.70 | cps |
| Bismuth | 209-1 | 10127639 | 9620493 | 9162358 | 9636830 | 5.01 | cps |
| Bismuth | 209-2 | 8225235 | 8168023 | 8157575 | 8183611 | 0.45 | cps |
| Bromine | 81-1 | 15054 | 15435 | 15565 | 15351 | 1.73 | cps |
| Bromine | 81-2 | 483 | 477 | 463 | 474 | 2.15 | cps |
| Cadmium | 108-1 | 877 | 893 | 943 | 904 | 3.84 | cps |
| Cadmium | 106-1 | 7329 | 6962 | 6722 | 7004 | 4.36 | cps |
| Cadmium | 111-1 | 2851 | 2794 | 2784 | 2810 | 1.29 | cps |
| Calcium | 43-1 | 343676 | 354845 | 351722 | 350081 | 1.65 | cps |
| Calcium | 44-1 | 5443508 | 5553814 | 5551423 | 5516249 | 1.14 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 153741 | 154380 | 152434 | 153518 | 0.65 | cps |
| Cobalt | 59-2 | 191173 | 191707 | 189801 | 190894 | 0.52 | cps |
| Copper | 63-2 | 262470 | 261734 | 262202 | 262136 | 0.14 | cps |
| Dysprosium | 156-1 | 75860 | 76265 | 77153 | 76426 | 0.87 | cps |
| Dysprosium | 156-2 | 64366 | 65294 | 65355 | 65005 | 0.85 | cps |
| Erbium | 164-1 | 74648 | 75888 | 75650 | 75395 | 0.87 | cps |
| Erbium | 164-2 | 54773 | 54325 | 54355 | 54485 | 0.46 | cps |
| Gadolinium | 160-1 | 75207 | 77345 | 77637 | 76730 | 1.73 | cps |
| Gadolinium | 160-2 | 59298 | 58458 | 58853 | 58870 | 0.71 | cps |
| Holmium | 165-1 | 16877369 | 16075961 | 15518540 | 16157290 | 4.23 | cps |
| Holmium | 165-2 | 11600541 | 11508619 | 11615562 | 11574907 | 0.50 | cps |
| Indium | 115-1 | 13595213 | 12911280 | 12197811 | 12901434 | 5.42 | cps |
| Indium | 115-2 | 4883098 | 4932128 | 4879347 | 4898191 | 0.60 | cps |
| Iron | 56-2 | 267591016 | 264978303 | 267256076 | 266608465 | 0.53 | cps |
| Iron | 57-2 | 6557999 | 6584450 | 6612404 | 6584951 | 0.41 | cps |
| Iron | 54-2 | 14554323 | 14366761 | 14378141 | 14433075 | 0.73 | cps |
| Krypton | 83-1 | 293 | 247 | 327 | 289 | 13.91 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:33:02 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 39786 | 39137 | 39438 | 39454 | 0.82 | cps |
| Vanadium | 51-2 | 617599 | 618119 | 616344 | 617354 | 0.15 | cps |
| Yttrium | 89-1 | 20991254 | 21248010 | 20938827 | 21059363 | 0.79 | cps |
| Yttrium | 89-2 | 5916110 | 5805142 | 5886554 | 5869269 | 0.98 | cps |
| Zinc | 66-2 | 119446 | 117914 | 120427 | 119262 | 1.06 | cps |
| Zirconium | 90-1 | 855683 | 863293 | 859970 | 859648 | 0.44 | cps |
| Zirconium | 91-1 | 190135 | 191275 | 189537 | 190316 | 0.46 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5756192 | 5786465 | 5718334 | 5753664 | 0.59 | cps |
| Antimony | 121-1 | 1590 | 1520 | 1600 | 1570 | 2.78 | cps |
| Arsenic | 75-2 | 6241 | 6612 | 6498 | 6450 | 2.94 | cps |
| Barium | 135-1 | 458963 | 463640 | 460110 | 460905 | 0.53 | cps |
| Barium | 137-1 | 791309 | 800608 | 792936 | 794951 | 0.62 | cps |
| Beryllium | 9-1 | 1120 | 1017 | 1193 | 1110 | 8.00 | cps |
| Bismuth | 209-1 | 10246850 | 9707840 | 9675853 | 9876848 | 3.25 | cps |
| Bismuth | 209-2 | 8283488 | 8196806 | 8245132 | 8241809 | 0.53 | cps |
| Bromine | 81-1 | 15018 | 14707 | 15121 | 14949 | 1.44 | cps |
| Bromine | 81-2 | 380 | 360 | 347 | 362 | 4.63 | cps |
| Cadmium | 108-1 | 860 | 750 | 813 | 808 | 6.83 | cps |
| Cadmium | 106-1 | 7395 | 6955 | 6952 | 7101 | 3.59 | cps |
| Cadmium | 111-1 | 1873 | 2039 | 1947 | 1953 | 4.28 | cps |
| Calcium | 43-1 | 443944 | 445639 | 444319 | 444634 | 0.20 | cps |
| Calcium | 44-1 | 6981502 | 7025389 | 6956188 | 6987693 | 0.50 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 136222 | 134315 | 132681 | 134406 | 1.32 | cps |
| Cobalt | 59-2 | 194681 | 194989 | 193369 | 194346 | 0.44 | cps |
| Copper | 63-2 | 349343 | 348894 | 350224 | 349487 | 0.19 | cps |
| Dysprosium | 156-1 | 102114 | 102289 | 103921 | 102775 | 0.97 | cps |
| Dysprosium | 156-2 | 86159 | 85401 | 84881 | 85480 | 0.75 | cps |
| Erbium | 164-1 | 102459 | 102385 | 102042 | 102295 | 0.22 | cps |
| Erbium | 164-2 | 74464 | 74229 | 74530 | 74408 | 0.21 | cps |
| Gadolinium | 160-1 | 105661 | 107380 | 105718 | 106253 | 0.92 | cps |
| Gadolinium | 160-2 | 80637 | 80017 | 80506 | 80386 | 0.41 | cps |
| Holmium | 165-1 | 17278398 | 15985602 | 16067669 | 16443890 | 4.40 | cps |
| Holmium | 165-2 | 11643890 | 11642956 | 11586453 | 11624433 | 0.28 | cps |
| Indium | 115-1 | 13842476 | 12960163 | 12901770 | 13234803 | 3.98 | cps |
| Indium | 115-2 | 4995936 | 4972622 | 4896908 | 4955155 | 1.04 | cps |
| Iron | 56-2 | 259243643 | 260218469 | 256499050 | 258653721 | 0.75 | cps |
| Iron | 57-2 | 6388374 | 6426985 | 6331823 | 6382394 | 0.75 | cps |
| Iron | 54-2 | 14218313 | 14061208 | 14065453 | 14114991 | 0.63 | cps |
| Krypton | 83-1 | 347 | 353 | 323 | 341 | 4.62 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5250-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ2D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:36:16 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 383081 | 389766 | 392324 | 388390 | 1.23 | cps |
| Lead | 207-1 | 325282 | 333537 | 328614 | 329144 | 1.26 | cps |
| Lead | 208-1 | 1506677 | 1530518 | 1523154 | 1520117 | 0.80 | cps |
| Lithium | 6-1 | 2081580 | 1976679 | 2003143 | 2020468 | 2.70 | cps |
| Magnesium | 24-2 | 5996260 | 6016144 | 5993488 | 6001964 | 0.21 | cps |
| Manganese | 55-2 | 3451928 | 3447904 | 3366325 | 3422052 | 1.41 | cps |
| Molybdenum | 94-1 | 317065 | 321873 | 321266 | 320068 | 0.82 | cps |
| Molybdenum | 95-1 | 5498 | 5431 | 5444 | 5458 | 0.65 | cps |
| Molybdenum | 96-1 | 60638 | 63166 | 62593 | 62132 | 2.13 | cps |
| Molybdenum | 97-1 | 3447 | 3644 | 3584 | 3558 | 2.83 | cps |
| Molybdenum | 98-1 | 8886 | 8849 | 8846 | 8861 | 0.25 | cps |
| Neodymium | 150-1 | 151349 | 152845 | 151446 | 151880 | 0.55 | cps |
| Neodymium | 150-2 | 94299 | 94675 | 94111 | 94362 | 0.30 | cps |
| Nickel | 60-2 | 93093 | 93526 | 93006 | 93208 | 0.30 | cps |
| Phosphorus | 31-2 | 37680 | 37683 | 37195 | 37519 | 0.75 | cps |
| Potassium | 39-2 | 724069 | 721652 | 712934 | 719552 | 0.81 | cps |
| Rhodium | 103-1 | 12765374 | 11860209 | 11876824 | 12167469 | 4.26 | cps |
| Rhodium | 103-2 | 7321651 | 7135885 | 7148289 | 7201942 | 1.44 | cps |
| Scandium | 45-1 | 7714707 | 7275032 | 7232275 | 7407338 | 3.61 | cps |
| Scandium | 45-2 | 647958 | 646337 | 644047 | 646114 | 0.30 | cps |
| Selenium | 82-1 | 262 | 298 | 293 | 284 | 6.77 | cps |
| Selenium | 77-2 | 233 | 283 | 237 | 251 | 11.13 | cps |
| Selenium | 78-2 | 597 | 737 | 720 | 684 | 11.17 | cps |
| Silicon | 28-1 | 15284698 | 15242035 | 15041935 | 15189556 | 0.85 | cps |
| Silver | 107-1 | 1513 | 1590 | 1590 | 1565 | 2.83 | cps |
| Silver | 109-1 | 930 | 973 | 930 | 944 | 2.65 | cps |
| Sodium | 23-2 | 574031 | 564589 | 566477 | 568366 | 0.88 | cps |
| Strontium | 86-1 | 318626 | 322306 | 321635 | 320855 | 0.61 | cps |
| Strontium | 88-1 | 2890148 | 2883321 | 2853914 | 2875794 | 0.67 | cps |
| Sulfur | 34-1 | 159947 | 160119 | 159708 | 159924 | 0.13 | cps |
| Terbium | 159-1 | 17529925 | 16588653 | 16536397 | 16884992 | 3.31 | cps |
| Terbium | 159-2 | 11448243 | 11503297 | 11433616 | 11461718 | 0.32 | cps |
| Thallium | 203-1 | 2470 | 2460 | 2247 | 2392 | 5.27 | cps |
| Thallium | 205-1 | 5675 | 5861 | 5828 | 5788 | 1.72 | cps |
| Tin | 118-1 | 20591 | 22065 | 22268 | 21641 | 4.23 | cps |
| Titanium | 47-1 | 4727748 | 4811113 | 4744155 | 4761005 | 0.93 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BL | Instrumnet Name : | P7 |
| Client Sample ID : | PBW859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:52:30 | DataFile Name : | 056CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30 | 30 | 20 | 27 | 21.65 | cps |
| Vanadium | 51-2 | 13 | 40 | 23 | 26 | 52.73 | cps |
| Yttrium | 89-1 | 19499572 | 19544810 | 19388066 | 19477482 | 0.41 | cps |
| Yttrium | 89-2 | 5540381 | 5579457 | 5514526 | 5544788 | 0.59 | cps |
| Zinc | 66-2 | 513 | 513 | 487 | 504 | 3.05 | cps |
| Zirconium | 90-1 | 923 | 870 | 967 | 920 | 5.26 | cps |
| Zirconium | 91-1 | 227 | 237 | 230 | 231 | 2.20 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165859BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS859 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 17:55:52 | DataFile Name : | 057LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12125 | 12008 | 12038 | 12057 | 0.50 | cps |
| Antimony | 121-1 | 49953 | 51144 | 51863 | 50987 | 1.89 | cps |
| Arsenic | 75-2 | 1600 | 1463 | 1487 | 1517 | 4.82 | cps |
| Barium | 135-1 | 63039 | 63678 | 63862 | 63526 | 0.68 | cps |
| Barium | 137-1 | 108853 | 110179 | 111127 | 110053 | 1.04 | cps |
| Beryllium | 9-1 | 3360 | 3297 | 3354 | 3337 | 1.04 | cps |
| Bismuth | 209-1 | 9947199 | 9462155 | 9433517 | 9614290 | 3.00 | cps |
| Bismuth | 209-2 | 8320242 | 8246630 | 8307151 | 8291341 | 0.47 | cps |
| Bromine | 81-1 | 15211 | 14778 | 15358 | 15116 | 2.00 | cps |
| Bromine | 81-2 | 147 | 167 | 163 | 159 | 6.74 | cps |
| Cadmium | 108-1 | 423 | 510 | 483 | 472 | 9.40 | cps |
| Cadmium | 106-1 | 6061 | 5448 | 5034 | 5514 | 9.37 | cps |
| Cadmium | 111-1 | 7839 | 8203 | 8121 | 8054 | 2.37 | cps |
| Calcium | 43-1 | 34068 | 35786 | 35976 | 35277 | 2.98 | cps |
| Calcium | 44-1 | 556350 | 574643 | 578526 | 569840 | 2.08 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 22914 | 22377 | 22467 | 22586 | 1.27 | cps |
| Cobalt | 59-2 | 17454 | 17333 | 17363 | 17383 | 0.36 | cps |
| Copper | 63-2 | 26450 | 25769 | 25989 | 26069 | 1.33 | cps |
| Dysprosium | 156-1 | 13 | 13 | 30 | 19 | 50.96 | cps |
| Dysprosium | 156-2 | 20 | 13 | 10 | 14 | 35.26 | cps |
| Erbium | 164-1 | 53 | 70 | 90 | 71 | 25.82 | cps |
| Erbium | 164-2 | 47 | 60 | 57 | 54 | 12.74 | cps |
| Gadolinium | 160-1 | 53 | 37 | 40 | 43 | 20.34 | cps |
| Gadolinium | 160-2 | 660 | 660 | 693 | 671 | 2.87 | cps |
| Holmium | 165-1 | 16419648 | 15865505 | 15669176 | 15984776 | 2.43 | cps |
| Holmium | 165-2 | 11477737 | 11571927 | 11470722 | 11506795 | 0.49 | cps |
| Indium | 115-1 | 13891629 | 12996601 | 13007959 | 13298730 | 3.86 | cps |
| Indium | 115-2 | 5119193 | 5070078 | 4970096 | 5053123 | 1.50 | cps |
| Iron | 56-2 | 2115019 | 2102107 | 2114835 | 2110653 | 0.35 | cps |
| Iron | 57-2 | 53140 | 53281 | 53662 | 53361 | 0.51 | cps |
| Iron | 54-2 | 117252 | 118229 | 117023 | 117501 | 0.55 | cps |
| Krypton | 83-1 | 177 | 237 | 210 | 208 | 14.47 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV023 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV023 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV023 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB023 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB023 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB023 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB023 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165867BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS867 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:18:03 | DataFile Name : | 064LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10957 | 10911 | 10831 | 10900 | 0.59 | cps |
| Antimony | 121-1 | 46746 | 46398 | 46809 | 46651 | 0.47 | cps |
| Arsenic | 75-2 | 1353 | 1440 | 1300 | 1365 | 5.18 | cps |
| Barium | 135-1 | 57964 | 57227 | 57134 | 57442 | 0.79 | cps |
| Barium | 137-1 | 100441 | 99348 | 99005 | 99598 | 0.75 | cps |
| Beryllium | 9-1 | 3120 | 3204 | 2987 | 3104 | 3.52 | cps |
| Bismuth | 209-1 | 9528337 | 9662512 | 9689463 | 9626771 | 0.90 | cps |
| Bismuth | 209-2 | 8277848 | 8225464 | 8145359 | 8216224 | 0.81 | cps |
| Bromine | 81-1 | 14240 | 14671 | 13847 | 14253 | 2.89 | cps |
| Bromine | 81-2 | 130 | 150 | 107 | 129 | 16.83 | cps |
| Cadmium | 108-1 | 520 | 447 | 440 | 469 | 9.47 | cps |
| Cadmium | 106-1 | 5538 | 5188 | 5018 | 5248 | 5.05 | cps |
| Cadmium | 111-1 | 7082 | 7260 | 7298 | 7214 | 1.60 | cps |
| Calcium | 43-1 | 31837 | 31162 | 31062 | 31354 | 1.34 | cps |
| Calcium | 44-1 | 507102 | 507642 | 509033 | 507926 | 0.20 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 19813 | 19279 | 19079 | 19390 | 1.96 | cps |
| Cobalt | 59-2 | 15161 | 15561 | 15038 | 15253 | 1.80 | cps |
| Copper | 63-2 | 22537 | 22604 | 22841 | 22661 | 0.70 | cps |
| Dysprosium | 156-1 | 7 | 10 | 3 | 7 | 50.03 | cps |
| Dysprosium | 156-2 | 23 | 17 | 3 | 14 | 70.51 | cps |
| Erbium | 164-1 | 67 | 70 | 97 | 78 | 21.14 | cps |
| Erbium | 164-2 | 70 | 70 | 63 | 68 | 5.68 | cps |
| Gadolinium | 160-1 | 47 | 37 | 47 | 43 | 13.32 | cps |
| Gadolinium | 160-2 | 710 | 683 | 680 | 691 | 2.38 | cps |
| Holmium | 165-1 | 15841181 | 15643098 | 15663934 | 15716071 | 0.69 | cps |
| Holmium | 165-2 | 11397386 | 11501527 | 11453832 | 11450915 | 0.46 | cps |
| Indium | 115-1 | 12690050 | 12724874 | 12852915 | 12755947 | 0.67 | cps |
| Indium | 115-2 | 4946220 | 4943750 | 4903744 | 4931238 | 0.48 | cps |
| Iron | 56-2 | 1850331 | 1823109 | 1810288 | 1827909 | 1.12 | cps |
| Iron | 57-2 | 46890 | 45736 | 46629 | 46418 | 1.30 | cps |
| Iron | 54-2 | 103083 | 102922 | 101405 | 102470 | 0.90 | cps |
| Krypton | 83-1 | 170 | 210 | 200 | 193 | 10.77 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12342 | 12195 | 12035 | 12190 | 1.26 | cps |
| Antimony | 121-1 | 50742 | 52442 | 52382 | 51855 | 1.86 | cps |
| Arsenic | 75-2 | 1463 | 1477 | 1580 | 1507 | 4.24 | cps |
| Barium | 135-1 | 63625 | 64106 | 63785 | 63839 | 0.38 | cps |
| Barium | 137-1 | 110609 | 111127 | 111012 | 110916 | 0.25 | cps |
| Beryllium | 9-1 | 3390 | 3430 | 3367 | 3396 | 0.94 | cps |
| Bismuth | 209-1 | 9788862 | 9600347 | 9482863 | 9624024 | 1.60 | cps |
| Bismuth | 209-2 | 8331293 | 8348859 | 8377059 | 8352404 | 0.28 | cps |
| Bromine | 81-1 | 14908 | 14951 | 14898 | 14919 | 0.19 | cps |
| Bromine | 81-2 | 133 | 140 | 147 | 140 | 4.76 | cps |
| Cadmium | 108-1 | 527 | 430 | 460 | 472 | 10.48 | cps |
| Cadmium | 106-1 | 5638 | 5514 | 5161 | 5438 | 4.55 | cps |
| Cadmium | 111-1 | 7714 | 7890 | 8156 | 7920 | 2.81 | cps |
| Calcium | 43-1 | 34930 | 34800 | 35401 | 35044 | 0.90 | cps |
| Calcium | 44-1 | 563358 | 566692 | 566831 | 565627 | 0.35 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 22410 | 21919 | 21752 | 22027 | 1.55 | cps |
| Cobalt | 59-2 | 16769 | 17070 | 17427 | 17089 | 1.93 | cps |
| Copper | 63-2 | 25442 | 25876 | 26063 | 25793 | 1.24 | cps |
| Dysprosium | 156-1 | 23 | 17 | 13 | 18 | 28.64 | cps |
| Dysprosium | 156-2 | 3 | 13 | 7 | 8 | 65.47 | cps |
| Erbium | 164-1 | 97 | 70 | 60 | 76 | 25.09 | cps |
| Erbium | 164-2 | 67 | 57 | 53 | 59 | 11.79 | cps |
| Gadolinium | 160-1 | 107 | 43 | 53 | 68 | 50.24 | cps |
| Gadolinium | 160-2 | 663 | 640 | 707 | 670 | 5.05 | cps |
| Holmium | 165-1 | 15926660 | 15694949 | 15550318 | 15723976 | 1.21 | cps |
| Holmium | 165-2 | 11696714 | 11636246 | 11535821 | 11622927 | 0.70 | cps |
| Indium | 115-1 | 13151808 | 12962746 | 12843980 | 12986178 | 1.20 | cps |
| Indium | 115-2 | 4983864 | 4978855 | 4948114 | 4970278 | 0.39 | cps |
| Iron | 56-2 | 2050830 | 2085838 | 2041860 | 2059510 | 1.13 | cps |
| Iron | 57-2 | 52254 | 52558 | 52973 | 52595 | 0.69 | cps |
| Iron | 54-2 | 115122 | 113792 | 114336 | 114417 | 0.58 | cps |
| Krypton | 83-1 | 183 | 177 | 200 | 187 | 6.44 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | PB165866BS | Instrumnet Name : | P7 |
| Client Sample ID : | LCS866 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:24:46 | DataFile Name : | 066LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19958 | 19868 | 20192 | 20006 | 0.84 | cps |
| Lead | 207-1 | 17017 | 17168 | 17518 | 17234 | 1.49 | cps |
| Lead | 208-1 | 78663 | 78726 | 79788 | 79059 | 0.80 | cps |
| Lithium | 6-1 | 2067256 | 2013075 | 2024132 | 2034821 | 1.41 | cps |
| Magnesium | 24-2 | 454523 | 453673 | 452288 | 453495 | 0.25 | cps |
| Manganese | 55-2 | 9413 | 9286 | 9136 | 9278 | 1.49 | cps |
| Molybdenum | 94-1 | 52045 | 52651 | 52614 | 52437 | 0.65 | cps |
| Molybdenum | 95-1 | 62650 | 63657 | 63534 | 63280 | 0.87 | cps |
| Molybdenum | 96-1 | 69866 | 70740 | 70552 | 70386 | 0.65 | cps |
| Molybdenum | 97-1 | 39189 | 39904 | 40045 | 39713 | 1.16 | cps |
| Molybdenum | 98-1 | 100516 | 102295 | 102732 | 101847 | 1.15 | cps |
| Neodymium | 150-1 | 0 | 17 | 3 | 7 | 132.33 | cps |
| Neodymium | 150-2 | 10 | 0 | 23 | 11 | 105.35 | cps |
| Nickel | 60-2 | 4908 | 4804 | 4894 | 4869 | 1.15 | cps |
| Phosphorus | 31-2 | 910 | 877 | 907 | 898 | 2.05 | cps |
| Potassium | 39-2 | 700326 | 695599 | 695769 | 697231 | 0.38 | cps |
| Rhodium | 103-1 | 12291851 | 11955759 | 12040941 | 12096184 | 1.44 | cps |
| Rhodium | 103-2 | 7399902 | 7331950 | 7350495 | 7360783 | 0.48 | cps |
| Scandium | 45-1 | 7104355 | 6953312 | 7036471 | 7031380 | 1.08 | cps |
| Scandium | 45-2 | 632209 | 625880 | 633044 | 630378 | 0.62 | cps |
| Selenium | 82-1 | 2177 | 2245 | 2139 | 2187 | 2.46 | cps |
| Selenium | 77-2 | 230 | 177 | 203 | 203 | 13.11 | cps |
| Selenium | 78-2 | 1147 | 1197 | 1283 | 1209 | 5.72 | cps |
| Silicon | 28-1 | 731495 | 732658 | 736027 | 733394 | 0.32 | cps |
| Silver | 107-1 | 32012 | 32880 | 33686 | 32859 | 2.55 | cps |
| Silver | 109-1 | 31257 | 31788 | 31611 | 31552 | 0.86 | cps |
| Sodium | 23-2 | 742543 | 738906 | 742044 | 741165 | 0.27 | cps |
| Strontium | 86-1 | 8469 | 8553 | 8342 | 8455 | 1.25 | cps |
| Strontium | 88-1 | 70779 | 70960 | 70243 | 70661 | 0.53 | cps |
| Sulfur | 34-1 | 190688 | 193177 | 193559 | 192475 | 0.81 | cps |
| Terbium | 159-1 | 16442794 | 16084303 | 16210747 | 16245948 | 1.12 | cps |
| Terbium | 159-2 | 11398333 | 11480858 | 11361794 | 11413662 | 0.53 | cps |
| Thallium | 203-1 | 24509 | 24358 | 24265 | 24377 | 0.50 | cps |
| Thallium | 205-1 | 57009 | 57876 | 57762 | 57549 | 0.82 | cps |
| Tin | 118-1 | 107924 | 108622 | 108824 | 108457 | 0.44 | cps |
| Titanium | 47-1 | 3647 | 3757 | 3931 | 3778 | 3.78 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5347-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:28:09 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 38238 | 38649 | 37947 | 38278 | 0.92 | cps |
| Vanadium | 51-2 | 584500 | 578251 | 582313 | 581688 | 0.55 | cps |
| Yttrium | 89-1 | 21141965 | 21668667 | 21563030 | 21457887 | 1.30 | cps |
| Yttrium | 89-2 | 6105083 | 5962033 | 6019383 | 6028833 | 1.19 | cps |
| Zinc | 66-2 | 126574 | 126449 | 126197 | 126407 | 0.15 | cps |
| Zirconium | 90-1 | 117781 | 121519 | 121182 | 120161 | 1.72 | cps |
| Zirconium | 91-1 | 26448 | 26327 | 26397 | 26391 | 0.23 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 18:40:56 | DataFile Name : | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 181135 | 183575 | 180159 | 181623 | 0.97 | cps |
| Vanadium | 51-2 | 209317 | 209604 | 210398 | 209773 | 0.27 | cps |
| Yttrium | 89-1 | 21009773 | 21256766 | 21272903 | 21179814 | 0.70 | cps |
| Yttrium | 89-2 | 5883196 | 5951045 | 6001174 | 5945138 | 1.00 | cps |
| Zinc | 66-2 | 11849616 | 11821625 | 11867594 | 11846279 | 0.20 | cps |
| Zirconium | 90-1 | 390642 | 400378 | 403805 | 398275 | 1.71 | cps |
| Zirconium | 91-1 | 92834 | 94981 | 96035 | 94617 | 1.72 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-06LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB1L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:46:48 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6588119 | 6651203 | 6605833 | 6615052 | 0.49 | cps |
| Lead | 207-1 | 5708505 | 5759275 | 5755287 | 5741023 | 0.49 | cps |
| Lead | 208-1 | 26003150 | 26471595 | 26168248 | 26214331 | 0.91 | cps |
| Lithium | 6-1 | 2099998 | 1960855 | 1995407 | 2018753 | 3.59 | cps |
| Magnesium | 24-2 | 610188 | 614339 | 612730 | 612419 | 0.34 | cps |
| Manganese | 55-2 | 599207 | 599176 | 601384 | 599922 | 0.21 | cps |
| Molybdenum | 94-1 | 327302 | 333415 | 331986 | 330901 | 0.97 | cps |
| Molybdenum | 95-1 | 521050 | 537713 | 535970 | 531577 | 1.72 | cps |
| Molybdenum | 96-1 | 566640 | 581755 | 580532 | 576309 | 1.46 | cps |
| Molybdenum | 97-1 | 329310 | 335551 | 333585 | 332816 | 0.96 | cps |
| Molybdenum | 98-1 | 843548 | 864271 | 862798 | 856872 | 1.35 | cps |
| Neodymium | 150-1 | 8626 | 8843 | 8803 | 8757 | 1.32 | cps |
| Neodymium | 150-2 | 5645 | 5454 | 5364 | 5488 | 2.61 | cps |
| Nickel | 60-2 | 32144 | 32412 | 32024 | 32193 | 0.62 | cps |
| Phosphorus | 31-2 | 3344 | 3180 | 3100 | 3208 | 3.87 | cps |
| Potassium | 39-2 | 516856 | 523834 | 514645 | 518445 | 0.93 | cps |
| Rhodium | 103-1 | 13167224 | 12488250 | 12517568 | 12724348 | 3.02 | cps |
| Rhodium | 103-2 | 7597915 | 7543806 | 7652059 | 7597926 | 0.71 | cps |
| Scandium | 45-1 | 7744823 | 7504203 | 7404115 | 7551047 | 2.32 | cps |
| Scandium | 45-2 | 666909 | 668485 | 664561 | 666652 | 0.30 | cps |
| Selenium | 82-1 | 398 | 265 | 274 | 313 | 23.77 | cps |
| Selenium | 77-2 | 33 | 37 | 20 | 30 | 29.40 | cps |
| Selenium | 78-2 | 560 | 530 | 470 | 520 | 8.81 | cps |
| Silicon | 28-1 | 10405906 | 10741552 | 11044949 | 10730802 | 2.98 | cps |
| Silver | 107-1 | 17083 | 17214 | 17614 | 17304 | 1.60 | cps |
| Silver | 109-1 | 16429 | 16943 | 16897 | 16756 | 1.70 | cps |
| Sodium | 23-2 | 1828106 | 1873112 | 1857568 | 1852929 | 1.23 | cps |
| Strontium | 86-1 | 187582 | 194131 | 192673 | 191462 | 1.80 | cps |
| Strontium | 88-1 | 1692027 | 1721745 | 1711938 | 1708570 | 0.89 | cps |
| Sulfur | 34-1 | 218073 | 222209 | 221245 | 220509 | 0.98 | cps |
| Terbium | 159-1 | 17579703 | 16988829 | 16857295 | 17141942 | 2.24 | cps |
| Terbium | 159-2 | 11821117 | 11894422 | 11727062 | 11814200 | 0.71 | cps |
| Thallium | 203-1 | 9684 | 9914 | 9747 | 9781 | 1.22 | cps |
| Thallium | 205-1 | 22966 | 23133 | 23307 | 23135 | 0.74 | cps |
| Tin | 118-1 | 1004391 | 1035982 | 1027906 | 1022760 | 1.60 | cps |
| Titanium | 47-1 | 225758 | 235990 | 230881 | 230876 | 2.22 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5352-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 18:59:14 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1318796 | 1319756 | 1330150 | 1322901 | 0.48 | cps |
| Antimony | 121-1 | 1930 | 1867 | 1787 | 1861 | 3.86 | cps |
| Arsenic | 75-2 | 2384 | 2280 | 2070 | 2245 | 7.11 | cps |
| Barium | 135-1 | 161269 | 161845 | 159926 | 161013 | 0.61 | cps |
| Barium | 137-1 | 281184 | 283277 | 281142 | 281868 | 0.43 | cps |
| Beryllium | 9-1 | 453 | 477 | 533 | 488 | 8.43 | cps |
| Bismuth | 209-1 | 9782972 | 9825782 | 9725281 | 9778012 | 0.52 | cps |
| Bismuth | 209-2 | 8240324 | 8403074 | 8323177 | 8322191 | 0.98 | cps |
| Bromine | 81-1 | 15155 | 15081 | 14577 | 14938 | 2.10 | cps |
| Bromine | 81-2 | 243 | 267 | 233 | 248 | 6.90 | cps |
| Cadmium | 108-1 | 50 | 47 | 60 | 52 | 13.28 | cps |
| Cadmium | 106-1 | 4951 | 4828 | 4898 | 4892 | 1.27 | cps |
| Cadmium | 111-1 | 1317 | 1309 | 1307 | 1311 | 0.41 | cps |
| Calcium | 43-1 | 597262 | 604484 | 598577 | 600107 | 0.64 | cps |
| Calcium | 44-1 | 9372715 | 9527557 | 9491923 | 9464065 | 0.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 46000 | 47438 | 46471 | 46636 | 1.57 | cps |
| Cobalt | 59-2 | 45803 | 45215 | 45151 | 45390 | 0.79 | cps |
| Copper | 63-2 | 57734 | 58119 | 58560 | 58138 | 0.71 | cps |
| Dysprosium | 156-1 | 15702 | 15812 | 15916 | 15810 | 0.68 | cps |
| Dysprosium | 156-2 | 13226 | 13577 | 13777 | 13527 | 2.06 | cps |
| Erbium | 164-1 | 13350 | 13203 | 13353 | 13302 | 0.64 | cps |
| Erbium | 164-2 | 9753 | 9610 | 9537 | 9633 | 1.14 | cps |
| Gadolinium | 160-1 | 16400 | 15796 | 15849 | 16015 | 2.09 | cps |
| Gadolinium | 160-2 | 12509 | 12786 | 12559 | 12618 | 1.17 | cps |
| Holmium | 165-1 | 16159724 | 15944503 | 16184220 | 16096149 | 0.82 | cps |
| Holmium | 165-2 | 11587025 | 11631099 | 11635026 | 11617716 | 0.23 | cps |
| Indium | 115-1 | 12965619 | 13147417 | 12900329 | 13004455 | 0.98 | cps |
| Indium | 115-2 | 4920223 | 4891072 | 4927539 | 4912945 | 0.39 | cps |
| Iron | 56-2 | 51590553 | 50826753 | 50892809 | 51103371 | 0.83 | cps |
| Iron | 57-2 | 1287139 | 1277623 | 1277392 | 1280718 | 0.43 | cps |
| Iron | 54-2 | 2803482 | 2801078 | 2792224 | 2798928 | 0.21 | cps |
| Krypton | 83-1 | 260 | 207 | 217 | 228 | 12.45 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5352-06 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2926S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:02:30 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 67396 | 68579 | 67089 | 67688 | 1.16 | cps |
| Vanadium | 51-2 | 664271 | 663518 | 663942 | 663910 | 0.06 | cps |
| Yttrium | 89-1 | 20598946 | 20782686 | 20717315 | 20699649 | 0.45 | cps |
| Yttrium | 89-2 | 5605459 | 5596037 | 5636580 | 5612692 | 0.38 | cps |
| Zinc | 66-2 | 250429 | 246590 | 248491 | 248503 | 0.77 | cps |
| Zirconium | 90-1 | 146266 | 149506 | 148633 | 148135 | 1.13 | cps |
| Zirconium | 91-1 | 32877 | 31808 | 32626 | 32437 | 1.72 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5363-06 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:05:37 | DataFile Name : | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2435130 | 2451907 | 2448367 | 2445135 | 0.36 | cps |
| Antimony | 121-1 | 1723296 | 1750907 | 1765385 | 1746529 | 1.22 | cps |
| Arsenic | 75-2 | 140518 | 139794 | 141685 | 140665 | 0.68 | cps |
| Barium | 135-1 | 320203 | 326150 | 325367 | 323907 | 1.00 | cps |
| Barium | 137-1 | 564444 | 564364 | 569525 | 566111 | 0.52 | cps |
| Beryllium | 9-1 | 460 | 423 | 490 | 458 | 7.29 | cps |
| Bismuth | 209-1 | 10177859 | 10214488 | 10152343 | 10181563 | 0.31 | cps |
| Bismuth | 209-2 | 8539455 | 8439037 | 8474813 | 8484435 | 0.60 | cps |
| Bromine | 81-1 | 49349 | 51175 | 52282 | 50935 | 2.91 | cps |
| Bromine | 81-2 | 7782 | 8276 | 8066 | 8041 | 3.08 | cps |
| Cadmium | 108-1 | 513 | 557 | 517 | 529 | 4.56 | cps |
| Cadmium | 106-1 | 5558 | 5805 | 5521 | 5628 | 2.74 | cps |
| Cadmium | 111-1 | 5415 | 5516 | 5529 | 5487 | 1.14 | cps |
| Calcium | 43-1 | 917290 | 926881 | 924001 | 922724 | 0.53 | cps |
| Calcium | 44-1 | 14546778 | 14641915 | 14441200 | 14543298 | 0.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 139464 | 138906 | 139357 | 139242 | 0.21 | cps |
| Cobalt | 59-2 | 262653 | 261510 | 264058 | 262741 | 0.49 | cps |
| Copper | 63-2 | 2815318 | 2774162 | 2776305 | 2788595 | 0.83 | cps |
| Dysprosium | 156-1 | 25967 | 26652 | 27026 | 26548 | 2.02 | cps |
| Dysprosium | 156-2 | 22622 | 22622 | 22097 | 22447 | 1.35 | cps |
| Erbium | 164-1 | 22902 | 23032 | 23486 | 23140 | 1.33 | cps |
| Erbium | 164-2 | 16296 | 16486 | 16630 | 16471 | 1.02 | cps |
| Gadolinium | 160-1 | 26175 | 25837 | 26579 | 26197 | 1.42 | cps |
| Gadolinium | 160-2 | 19894 | 20592 | 20458 | 20315 | 1.82 | cps |
| Holmium | 165-1 | 16292345 | 16448700 | 16537266 | 16426104 | 0.75 | cps |
| Holmium | 165-2 | 11853831 | 11945238 | 11848645 | 11882571 | 0.46 | cps |
| Indium | 115-1 | 13168652 | 13174514 | 13337871 | 13227012 | 0.73 | cps |
| Indium | 115-2 | 5026492 | 4998946 | 5002288 | 5009242 | 0.30 | cps |
| Iron | 56-2 | 146858038 | 147458024 | 147359774 | 147225279 | 0.22 | cps |
| Iron | 57-2 | 3637807 | 3646839 | 3670254 | 3651634 | 0.46 | cps |
| Iron | 54-2 | 7983980 | 7975202 | 7981972 | 7980385 | 0.06 | cps |
| Krypton | 83-1 | 250 | 210 | 210 | 223 | 10.34 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5363-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA6D | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:08:43 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 55244 | 55827 | 55562 | 55544 | 0.53 | cps |
| Vanadium | 51-2 | 171087 | 170986 | 170720 | 170931 | 0.11 | cps |
| Yttrium | 89-1 | 20462987 | 20446147 | 20442039 | 20450391 | 0.05 | cps |
| Yttrium | 89-2 | 5583223 | 5621892 | 5602622 | 5602579 | 0.35 | cps |
| Zinc | 66-2 | 1716079 | 1720714 | 1690947 | 1709247 | 0.94 | cps |
| Zirconium | 90-1 | 66771 | 68750 | 66882 | 67468 | 1.65 | cps |
| Zirconium | 91-1 | 15903 | 15322 | 15482 | 15569 | 1.93 | cps |



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Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV024 | 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 |



1700

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV024 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV024 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB024 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB024 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB024 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB024 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5347-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNBZ9S | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:34:24 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 203308 | 201642 | 204086 | 203012 | 0.62 | cps |
| Lead | 207-1 | 172915 | 173851 | 172757 | 173175 | 0.34 | cps |
| Lead | 208-1 | 801501 | 801880 | 806748 | 803376 | 0.36 | cps |
| Lithium | 6-1 | 1856318 | 1926238 | 1934541 | 1905699 | 2.25 | cps |
| Magnesium | 24-2 | 1894211 | 1897777 | 1931494 | 1907827 | 1.08 | cps |
| Manganese | 55-2 | 2040163 | 2033012 | 2064075 | 2045750 | 0.80 | cps |
| Molybdenum | 94-1 | 152579 | 153679 | 153805 | 153354 | 0.44 | cps |
| Molybdenum | 95-1 | 263813 | 264662 | 266814 | 265096 | 0.58 | cps |
| Molybdenum | 96-1 | 284014 | 282782 | 285043 | 283946 | 0.40 | cps |
| Molybdenum | 97-1 | 163799 | 165498 | 164299 | 164532 | 0.53 | cps |
| Molybdenum | 98-1 | 425484 | 427373 | 429697 | 427518 | 0.49 | cps |
| Neodymium | 150-1 | 980 | 960 | 1070 | 1003 | 5.84 | cps |
| Neodymium | 150-2 | 383 | 520 | 530 | 478 | 17.15 | cps |
| Nickel | 60-2 | 972199 | 980654 | 973015 | 975289 | 0.48 | cps |
| Phosphorus | 31-2 | 357 | 357 | 323 | 346 | 5.57 | cps |
| Potassium | 39-2 | 348505 | 350961 | 351530 | 350332 | 0.46 | cps |
| Rhodium | 103-1 | 10800017 | 11515380 | 11537206 | 11284201 | 3.72 | cps |
| Rhodium | 103-2 | 6999367 | 6946679 | 6962908 | 6969652 | 0.39 | cps |
| Scandium | 45-1 | 6048288 | 6501655 | 6589117 | 6379687 | 4.55 | cps |
| Scandium | 45-2 | 572038 | 572865 | 573359 | 572754 | 0.12 | cps |
| Selenium | 82-1 | 20139 | 20431 | 19929 | 20166 | 1.25 | cps |
| Selenium | 77-2 | 2230 | 2187 | 2080 | 2166 | 3.57 | cps |
| Selenium | 78-2 | 7832 | 7655 | 7909 | 7799 | 1.67 | cps |
| Silicon | 28-1 | 50519449 | 49939261 | 49727126 | 50061945 | 0.82 | cps |
| Silver | 107-1 | 806957 | 810742 | 808738 | 808812 | 0.23 | cps |
| Silver | 109-1 | 762532 | 771717 | 768152 | 767467 | 0.60 | cps |
| Sodium | 23-2 | 6426623 | 6463131 | 6491385 | 6460380 | 0.50 | cps |
| Strontium | 86-1 | 101064 | 101436 | 101060 | 101187 | 0.21 | cps |
| Strontium | 88-1 | 883269 | 883048 | 889108 | 885142 | 0.39 | cps |
| Sulfur | 34-1 | 308553 | 306259 | 305857 | 306890 | 0.47 | cps |
| Terbium | 159-1 | 15291219 | 16343914 | 16296501 | 15977211 | 3.72 | cps |
| Terbium | 159-2 | 11263158 | 11481234 | 11323151 | 11355848 | 0.99 | cps |
| Thallium | 203-1 | 622085 | 616990 | 621366 | 620147 | 0.44 | cps |
| Thallium | 205-1 | 1473105 | 1483360 | 1468463 | 1474976 | 0.52 | cps |
| Tin | 118-1 | 3477 | 3447 | 3497 | 3474 | 0.72 | cps |
| Titanium | 47-1 | 3828 | 3377 | 3444 | 3550 | 6.86 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:44:12 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 833 | 723 | 730 | 762 | 8.09 | cps |
| Lead | 207-1 | 670 | 683 | 630 | 661 | 4.20 | cps |
| Lead | 208-1 | 3160 | 3210 | 2967 | 3112 | 4.13 | cps |
| Lithium | 6-1 | 1945437 | 1938163 | 1902796 | 1928799 | 1.18 | cps |
| Magnesium | 24-2 | 4556 | 3170 | 3204 | 3643 | 21.70 | cps |
| Manganese | 55-2 | 2880 | 2674 | 2614 | 2722 | 5.14 | cps |
| Molybdenum | 94-1 | 407 | 413 | 433 | 418 | 3.32 | cps |
| Molybdenum | 95-1 | 240 | 313 | 277 | 277 | 13.25 | cps |
| Molybdenum | 96-1 | 347 | 383 | 313 | 348 | 10.07 | cps |
| Molybdenum | 97-1 | 157 | 123 | 163 | 148 | 14.50 | cps |
| Molybdenum | 98-1 | 480 | 473 | 440 | 464 | 4.61 | cps |
| Neodymium | 150-1 | 33 | 13 | 20 | 22 | 45.83 | cps |
| Neodymium | 150-2 | 27 | 10 | 33 | 23 | 51.50 | cps |
| Nickel | 60-2 | 15438 | 15768 | 15808 | 15672 | 1.30 | cps |
| Phosphorus | 31-2 | 250 | 220 | 280 | 250 | 12.00 | cps |
| Potassium | 39-2 | 54116 | 52159 | 52891 | 53055 | 1.86 | cps |
| Rhodium | 103-1 | 11656196 | 11660530 | 11659442 | 11658723 | 0.02 | cps |
| Rhodium | 103-2 | 6999420 | 6993823 | 6990121 | 6994455 | 0.07 | cps |
| Scandium | 45-1 | 6672794 | 6501248 | 6595969 | 6590004 | 1.30 | cps |
| Scandium | 45-2 | 576843 | 576580 | 577537 | 576987 | 0.09 | cps |
| Selenium | 82-1 | 227 | 99 | 162 | 163 | 39.10 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 467 | 480 | 343 | 430 | 17.52 | cps |
| Silicon | 28-1 | 597852 | 608201 | 597658 | 601237 | 1.00 | cps |
| Silver | 107-1 | 157 | 150 | 120 | 142 | 13.73 | cps |
| Silver | 109-1 | 80 | 83 | 80 | 81 | 2.37 | cps |
| Sodium | 23-2 | 44069 | 39313 | 39932 | 41105 | 6.29 | cps |
| Strontium | 86-1 | 630 | 580 | 633 | 614 | 4.86 | cps |
| Strontium | 88-1 | 2710 | 2624 | 2607 | 2647 | 2.10 | cps |
| Sulfur | 34-1 | 159549 | 159465 | 161577 | 160197 | 0.75 | cps |
| Terbium | 159-1 | 16182037 | 16124692 | 15963285 | 16090005 | 0.70 | cps |
| Terbium | 159-2 | 11091217 | 11166625 | 11127326 | 11128389 | 0.34 | cps |
| Thallium | 203-1 | 283 | 250 | 180 | 238 | 22.18 | cps |
| Thallium | 205-1 | 610 | 677 | 510 | 599 | 14.01 | cps |
| Tin | 118-1 | 1547 | 1407 | 1537 | 1497 | 5.22 | cps |
| Titanium | 47-1 | 273 | 257 | 260 | 263 | 3.35 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5354-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | ME2928L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2024-12-27 19:44:12 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 53 | 33 | 77 | 54 | 39.84 | cps |
| Vanadium | 51-2 | 167 | 77 | 100 | 114 | 40.81 | cps |
| Yttrium | 89-1 | 19065075 | 19076958 | 18846481 | 18996171 | 0.68 | cps |
| Yttrium | 89-2 | 5237816 | 5235974 | 5265497 | 5246429 | 0.32 | cps |
| Zinc | 66-2 | 883 | 707 | 710 | 767 | 13.18 | cps |
| Zirconium | 90-1 | 773 | 763 | 820 | 786 | 3.85 | cps |
| Zirconium | 91-1 | 163 | 163 | 137 | 154 | 9.97 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5254-12 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLG1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:50:45 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 943 | 990 | 1050 | 994 | 5.38 | cps |
| Antimony | 121-1 | 530 | 583 | 433 | 516 | 14.75 | cps |
| Arsenic | 75-2 | 13 | 13 | 20 | 16 | 24.76 | cps |
| Barium | 135-1 | 2114 | 1613 | 1213 | 1647 | 27.39 | cps |
| Barium | 137-1 | 3731 | 3110 | 2014 | 2951 | 29.46 | cps |
| Beryllium | 9-1 | 77 | 113 | 97 | 96 | 19.21 | cps |
| Bismuth | 209-1 | 9825616 | 9567880 | 9640410 | 9677968 | 1.37 | cps |
| Bismuth | 209-2 | 8232436 | 8267671 | 8284050 | 8261386 | 0.32 | cps |
| Bromine | 81-1 | 13700 | 13443 | 13393 | 13512 | 1.22 | cps |
| Bromine | 81-2 | 90 | 63 | 113 | 89 | 28.15 | cps |
| Cadmium | 108-1 | 10 | 23 | 10 | 14 | 53.28 | cps |
| Cadmium | 106-1 | 4554 | 4391 | 4354 | 4433 | 2.40 | cps |
| Cadmium | 111-1 | 991 | 912 | 921 | 941 | 4.59 | cps |
| Calcium | 43-1 | 677 | 743 | 720 | 713 | 4.74 | cps |
| Calcium | 44-1 | 14701 | 14674 | 14737 | 14704 | 0.22 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3010 | 2704 | 2997 | 2904 | 5.97 | cps |
| Cobalt | 59-2 | 430 | 353 | 293 | 359 | 19.09 | cps |
| Copper | 63-2 | 1480 | 1350 | 1410 | 1413 | 4.60 | cps |
| Dysprosium | 156-1 | 3 | 20 | 20 | 14 | 66.64 | cps |
| Dysprosium | 156-2 | 3 | 7 | 13 | 8 | 65.47 | cps |
| Erbium | 164-1 | 97 | 113 | 73 | 94 | 21.28 | cps |
| Erbium | 164-2 | 63 | 63 | 53 | 60 | 9.62 | cps |
| Gadolinium | 160-1 | 53 | 57 | 77 | 62 | 20.29 | cps |
| Gadolinium | 160-2 | 657 | 553 | 543 | 584 | 10.74 | cps |
| Holmium | 165-1 | 15908512 | 15551824 | 15203486 | 15554607 | 2.27 | cps |
| Holmium | 165-2 | 11479052 | 11386673 | 11385739 | 11417154 | 0.47 | cps |
| Indium | 115-1 | 12749953 | 12632810 | 12681315 | 12688026 | 0.46 | cps |
| Indium | 115-2 | 4903424 | 4849505 | 4794551 | 4849160 | 1.12 | cps |
| Iron | 56-2 | 50986 | 50605 | 50210 | 50600 | 0.77 | cps |
| Iron | 57-2 | 1863 | 1717 | 1757 | 1779 | 4.26 | cps |
| Iron | 54-2 | 4321 | 3951 | 4475 | 4249 | 6.34 | cps |
| Krypton | 83-1 | 123 | 150 | 150 | 141 | 10.91 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5255-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:54:04 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1067 | 1043 | 1010 | 1040 | 2.74 | cps |
| Antimony | 121-1 | 510 | 423 | 467 | 467 | 9.29 | cps |
| Arsenic | 75-2 | 293 | 280 | 273 | 282 | 3.61 | cps |
| Barium | 135-1 | 1333 | 1553 | 1557 | 1481 | 8.64 | cps |
| Barium | 137-1 | 2824 | 2780 | 2710 | 2771 | 2.06 | cps |
| Beryllium | 9-1 | 40 | 93 | 97 | 77 | 41.48 | cps |
| Bismuth | 209-1 | 10153300 | 10092467 | 10208369 | 10151379 | 0.57 | cps |
| Bismuth | 209-2 | 8673234 | 8780541 | 8610445 | 8688073 | 0.99 | cps |
| Bromine | 81-1 | 14484 | 14294 | 14627 | 14468 | 1.16 | cps |
| Bromine | 81-2 | 90 | 107 | 93 | 97 | 9.13 | cps |
| Cadmium | 108-1 | 13 | 3 | 27 | 14 | 81.07 | cps |
| Cadmium | 106-1 | 4647 | 4357 | 4247 | 4417 | 4.68 | cps |
| Cadmium | 111-1 | 970 | 889 | 868 | 909 | 5.96 | cps |
| Calcium | 43-1 | 2003 | 2194 | 2214 | 2137 | 5.42 | cps |
| Calcium | 44-1 | 38128 | 38809 | 39060 | 38666 | 1.25 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2897 | 2914 | 2924 | 2911 | 0.46 | cps |
| Cobalt | 59-2 | 120 | 107 | 127 | 118 | 8.65 | cps |
| Copper | 63-2 | 4041 | 3897 | 4201 | 4046 | 3.75 | cps |
| Dysprosium | 156-1 | 20 | 20 | 20 | 20 | 0.00 | cps |
| Dysprosium | 156-2 | 7 | 23 | 7 | 12 | 78.69 | cps |
| Erbium | 164-1 | 117 | 90 | 63 | 90 | 29.63 | cps |
| Erbium | 164-2 | 53 | 60 | 103 | 72 | 37.59 | cps |
| Gadolinium | 160-1 | 50 | 67 | 47 | 54 | 19.68 | cps |
| Gadolinium | 160-2 | 563 | 597 | 693 | 618 | 10.93 | cps |
| Holmium | 165-1 | 16539954 | 16326773 | 16692268 | 16519665 | 1.11 | cps |
| Holmium | 165-2 | 11880538 | 11933686 | 11811435 | 11875219 | 0.52 | cps |
| Indium | 115-1 | 13404025 | 13048093 | 13121512 | 13191210 | 1.42 | cps |
| Indium | 115-2 | 4957508 | 5039360 | 4916170 | 4971013 | 1.26 | cps |
| Iron | 56-2 | 55525 | 54224 | 54465 | 54738 | 1.26 | cps |
| Iron | 57-2 | 1837 | 1890 | 1927 | 1885 | 2.40 | cps |
| Iron | 54-2 | 4437 | 4397 | 4361 | 4398 | 0.87 | cps |
| Krypton | 83-1 | 117 | 187 | 157 | 153 | 22.90 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5255-07 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNLC3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 19:54:04 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2107 | 2227 | 2424 | 2252 | 7.10 | cps |
| Lead | 207-1 | 1717 | 1933 | 2097 | 1916 | 9.95 | cps |
| Lead | 208-1 | 8118 | 9071 | 9518 | 8902 | 8.04 | cps |
| Lithium | 6-1 | 1888407 | 1871071 | 1874350 | 1877943 | 0.49 | cps |
| Magnesium | 24-2 | 5268 | 5664 | 5568 | 5500 | 3.76 | cps |
| Manganese | 55-2 | 2507 | 2567 | 2670 | 2581 | 3.20 | cps |
| Molybdenum | 94-1 | 723 | 910 | 670 | 768 | 16.41 | cps |
| Molybdenum | 95-1 | 257 | 257 | 263 | 259 | 1.49 | cps |
| Molybdenum | 96-1 | 473 | 427 | 417 | 439 | 6.89 | cps |
| Molybdenum | 97-1 | 207 | 123 | 200 | 177 | 26.21 | cps |
| Molybdenum | 98-1 | 443 | 460 | 540 | 481 | 10.74 | cps |
| Neodymium | 150-1 | 10 | 20 | 20 | 17 | 34.64 | cps |
| Neodymium | 150-2 | 10 | 10 | 7 | 9 | 21.63 | cps |
| Nickel | 60-2 | 747 | 753 | 813 | 771 | 4.76 | cps |
| Phosphorus | 31-2 | 140 | 130 | 203 | 158 | 25.21 | cps |
| Potassium | 39-2 | 54638 | 54915 | 54494 | 54682 | 0.39 | cps |
| Rhodium | 103-1 | 12250603 | 12000254 | 12296097 | 12182318 | 1.31 | cps |
| Rhodium | 103-2 | 7347179 | 7412306 | 7375567 | 7378351 | 0.44 | cps |
| Scandium | 45-1 | 6775699 | 6807749 | 6735983 | 6773144 | 0.53 | cps |
| Scandium | 45-2 | 588062 | 589797 | 588591 | 588817 | 0.15 | cps |
| Selenium | 82-1 | 240 | 149 | 209 | 199 | 23.19 | cps |
| Selenium | 77-2 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Selenium | 78-2 | 397 | 397 | 427 | 407 | 4.26 | cps |
| Silicon | 28-1 | 579248 | 585397 | 588102 | 584249 | 0.78 | cps |
| Silver | 107-1 | 340 | 350 | 410 | 367 | 10.33 | cps |
| Silver | 109-1 | 250 | 323 | 263 | 279 | 14.01 | cps |
| Sodium | 23-2 | 123174 | 124958 | 124726 | 124286 | 0.78 | cps |
| Strontium | 86-1 | 680 | 713 | 697 | 697 | 2.39 | cps |
| Strontium | 88-1 | 4014 | 4017 | 4064 | 4032 | 0.69 | cps |
| Sulfur | 34-1 | 43686223 | 43497728 | 43964003 | 43715984 | 0.54 | cps |
| Terbium | 159-1 | 16852827 | 16756294 | 16969319 | 16859480 | 0.63 | cps |
| Terbium | 159-2 | 11753125 | 11764053 | 11699084 | 11738754 | 0.30 | cps |
| Thallium | 203-1 | 647 | 1183 | 1533 | 1121 | 39.84 | cps |
| Thallium | 205-1 | 1687 | 2667 | 3564 | 2639 | 35.57 | cps |
| Tin | 118-1 | 74796 | 75845 | 76793 | 75811 | 1.32 | cps |
| Titanium | 47-1 | 450 | 393 | 400 | 414 | 7.47 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |



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Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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
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Inst Id :P7

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|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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
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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |



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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-01 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:17:17 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7610677 | 7902517 | 7674556 | 7729250 | 1.98 | cps |
| Lead | 207-1 | 6713809 | 6830041 | 6740821 | 6761557 | 0.90 | cps |
| Lead | 208-1 | 30451107 | 31141348 | 30767975 | 30786810 | 1.12 | cps |
| Lithium | 6-1 | 2128808 | 2030560 | 2021796 | 2060388 | 2.88 | cps |
| Magnesium | 24-2 | 3473235 | 3482643 | 3464529 | 3473469 | 0.26 | cps |
| Manganese | 55-2 | 7261514 | 7346916 | 7310855 | 7306429 | 0.59 | cps |
| Molybdenum | 94-1 | 65834 | 67682 | 68610 | 67375 | 2.10 | cps |
| Molybdenum | 95-1 | 71430 | 72056 | 73992 | 72493 | 1.84 | cps |
| Molybdenum | 96-1 | 84097 | 84754 | 86996 | 85282 | 1.78 | cps |
| Molybdenum | 97-1 | 44942 | 46444 | 46009 | 45798 | 1.69 | cps |
| Molybdenum | 98-1 | 116261 | 118167 | 119104 | 117844 | 1.23 | cps |
| Neodymium | 150-1 | 34987 | 36140 | 36059 | 35729 | 1.80 | cps |
| Neodymium | 150-2 | 22441 | 22027 | 22007 | 22159 | 1.11 | cps |
| Nickel | 60-2 | 93063 | 94763 | 93425 | 93750 | 0.96 | cps |
| Phosphorus | 31-2 | 14007 | 14157 | 14360 | 14174 | 1.25 | cps |
| Potassium | 39-2 | 1649839 | 1649279 | 1645209 | 1648109 | 0.15 | cps |
| Rhodium | 103-1 | 12783971 | 12169352 | 11989341 | 12314221 | 3.38 | cps |
| Rhodium | 103-2 | 7295492 | 7373918 | 7445080 | 7371497 | 1.02 | cps |
| Scandium | 45-1 | 7392006 | 7032239 | 6946389 | 7123545 | 3.32 | cps |
| Scandium | 45-2 | 616570 | 623537 | 617877 | 619328 | 0.60 | cps |
| Selenium | 82-1 | 332 | 319 | 307 | 319 | 3.85 | cps |
| Selenium | 77-2 | 87 | 67 | 93 | 82 | 16.87 | cps |
| Selenium | 78-2 | 533 | 607 | 467 | 536 | 13.08 | cps |
| Silicon | 28-1 | 20642802 | 21279059 | 21303776 | 21075212 | 1.78 | cps |
| Silver | 107-1 | 15415 | 15358 | 15425 | 15399 | 0.23 | cps |
| Silver | 109-1 | 14881 | 14514 | 14824 | 14740 | 1.34 | cps |
| Sodium | 23-2 | 5337028 | 5381899 | 5314183 | 5344370 | 0.64 | cps |
| Strontium | 86-1 | 371289 | 379717 | 381926 | 377644 | 1.49 | cps |
| Strontium | 88-1 | 3312962 | 3393549 | 3420976 | 3375829 | 1.66 | cps |
| Sulfur | 34-1 | 231532 | 232941 | 233131 | 232535 | 0.38 | cps |
| Terbium | 159-1 | 18116106 | 17139420 | 17037649 | 17431058 | 3.42 | cps |
| Terbium | 159-2 | 11865693 | 11918475 | 11935600 | 11906589 | 0.31 | cps |
| Thallium | 203-1 | 4708 | 4884 | 5098 | 4896 | 3.99 | cps |
| Thallium | 205-1 | 11545 | 11612 | 12055 | 11737 | 2.36 | cps |
| Tin | 118-1 | 548814 | 560883 | 560932 | 556876 | 1.25 | cps |
| Titanium | 47-1 | 552126 | 565316 | 570240 | 562560 | 1.66 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-02 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:20:20 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3327054 | 3323064 | 3290540 | 3313552 | 0.60 | cps |
| Lead | 207-1 | 2896638 | 2922075 | 2875041 | 2897918 | 0.81 | cps |
| Lead | 208-1 | 13197985 | 13250620 | 13073071 | 13173892 | 0.69 | cps |
| Lithium | 6-1 | 2040321 | 1994293 | 2009175 | 2014596 | 1.17 | cps |
| Magnesium | 24-2 | 1814289 | 1814012 | 1805007 | 1811103 | 0.29 | cps |
| Manganese | 55-2 | 964140 | 959015 | 958281 | 960479 | 0.33 | cps |
| Molybdenum | 94-1 | 23489 | 23462 | 23489 | 23480 | 0.07 | cps |
| Molybdenum | 95-1 | 21466 | 21356 | 21556 | 21459 | 0.47 | cps |
| Molybdenum | 96-1 | 26320 | 26471 | 26541 | 26444 | 0.43 | cps |
| Molybdenum | 97-1 | 13503 | 13747 | 13827 | 13692 | 1.23 | cps |
| Molybdenum | 98-1 | 35694 | 35590 | 35643 | 35642 | 0.15 | cps |
| Neodymium | 150-1 | 36206 | 35688 | 35565 | 35820 | 0.95 | cps |
| Neodymium | 150-2 | 21513 | 21630 | 21486 | 21543 | 0.35 | cps |
| Nickel | 60-2 | 29519 | 29589 | 29275 | 29461 | 0.56 | cps |
| Phosphorus | 31-2 | 10630 | 10584 | 10254 | 10489 | 1.96 | cps |
| Potassium | 39-2 | 975602 | 969821 | 972584 | 972669 | 0.30 | cps |
| Rhodium | 103-1 | 12032642 | 11836313 | 11848068 | 11905674 | 0.92 | cps |
| Rhodium | 103-2 | 7047633 | 7071740 | 7055160 | 7058178 | 0.17 | cps |
| Scandium | 45-1 | 6821090 | 6636778 | 6682393 | 6713421 | 1.43 | cps |
| Scandium | 45-2 | 579998 | 577442 | 579655 | 579032 | 0.24 | cps |
| Selenium | 82-1 | 335 | 244 | 232 | 270 | 20.80 | cps |
| Selenium | 77-2 | 57 | 100 | 23 | 60 | 64.07 | cps |
| Selenium | 78-2 | 373 | 437 | 443 | 418 | 9.25 | cps |
| Silicon | 28-1 | 27202065 | 29436160 | 27719653 | 28119293 | 4.16 | cps |
| Silver | 107-1 | 21152 | 21773 | 20878 | 21268 | 2.16 | cps |
| Silver | 109-1 | 19981 | 20868 | 20338 | 20396 | 2.19 | cps |
| Sodium | 23-2 | 6743327 | 6626831 | 6681214 | 6683791 | 0.87 | cps |
| Strontium | 86-1 | 2354052 | 2358716 | 2395873 | 2369547 | 0.97 | cps |
| Strontium | 88-1 | 20678090 | 20697616 | 20479775 | 20618494 | 0.58 | cps |
| Sulfur | 34-1 | 262525 | 262610 | 263932 | 263022 | 0.30 | cps |
| Terbium | 159-1 | 17168431 | 16846330 | 16864018 | 16959593 | 1.07 | cps |
| Terbium | 159-2 | 11608918 | 11552249 | 11508235 | 11556467 | 0.44 | cps |
| Thallium | 203-1 | 3107 | 3080 | 3157 | 3115 | 1.25 | cps |
| Thallium | 205-1 | 7182 | 7159 | 7232 | 7191 | 0.52 | cps |
| Tin | 118-1 | 331860 | 330040 | 329221 | 330374 | 0.41 | cps |
| Titanium | 47-1 | 389465 | 386456 | 386852 | 387591 | 0.42 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8661039 | 8939573 | 8886807 | 8829140 | 1.68 | cps |
| Lead | 207-1 | 7631468 | 7758340 | 7737835 | 7709214 | 0.88 | cps |
| Lead | 208-1 | 34885784 | 35579041 | 35353427 | 35272751 | 1.00 | cps |
| Lithium | 6-1 | 2163960 | 2020789 | 1989933 | 2058227 | 4.51 | cps |
| Magnesium | 24-2 | 2157334 | 2117631 | 2165350 | 2146772 | 1.19 | cps |
| Manganese | 55-2 | 1460784 | 1466579 | 1487048 | 1471470 | 0.94 | cps |
| Molybdenum | 94-1 | 161566 | 170307 | 169471 | 167115 | 2.89 | cps |
| Molybdenum | 95-1 | 274504 | 282978 | 284519 | 280667 | 1.92 | cps |
| Molybdenum | 96-1 | 299157 | 308514 | 309891 | 305854 | 1.91 | cps |
| Molybdenum | 97-1 | 173534 | 177301 | 178918 | 176584 | 1.56 | cps |
| Molybdenum | 98-1 | 443392 | 460392 | 462989 | 455591 | 2.34 | cps |
| Neodymium | 150-1 | 42424 | 43791 | 42848 | 43021 | 1.63 | cps |
| Neodymium | 150-2 | 26355 | 26291 | 25784 | 26143 | 1.20 | cps |
| Nickel | 60-2 | 64149 | 64554 | 64501 | 64402 | 0.34 | cps |
| Phosphorus | 31-2 | 12095 | 12165 | 12325 | 12195 | 0.97 | cps |
| Potassium | 39-2 | 1636618 | 1633159 | 1659321 | 1643033 | 0.86 | cps |
| Rhodium | 103-1 | 12885802 | 12196635 | 12383506 | 12488648 | 2.85 | cps |
| Rhodium | 103-2 | 7433904 | 7455099 | 7359829 | 7416277 | 0.67 | cps |
| Scandium | 45-1 | 7404171 | 7077714 | 7039260 | 7173715 | 2.79 | cps |
| Scandium | 45-2 | 615689 | 612778 | 618354 | 615607 | 0.45 | cps |
| Selenium | 82-1 | 273 | 280 | 187 | 247 | 20.92 | cps |
| Selenium | 77-2 | 90 | 80 | 77 | 82 | 8.44 | cps |
| Selenium | 78-2 | 530 | 493 | 603 | 542 | 10.33 | cps |
| Silicon | 28-1 | 58196882 | 60958884 | 59583654 | 59579807 | 2.32 | cps |
| Silver | 107-1 | 13627 | 13633 | 14247 | 13836 | 2.58 | cps |
| Silver | 109-1 | 12405 | 13143 | 13229 | 12926 | 3.50 | cps |
| Sodium | 23-2 | 7539797 | 7405548 | 7546757 | 7497367 | 1.06 | cps |
| Strontium | 86-1 | 211474 | 220905 | 218530 | 216970 | 2.26 | cps |
| Strontium | 88-1 | 1891836 | 1988457 | 1964130 | 1948141 | 2.58 | cps |
| Sulfur | 34-1 | 216839 | 220951 | 217644 | 218478 | 1.00 | cps |
| Terbium | 159-1 | 18575541 | 17263517 | 17174758 | 17671272 | 4.44 | cps |
| Terbium | 159-2 | 11851347 | 11806058 | 11902496 | 11853300 | 0.41 | cps |
| Thallium | 203-1 | 10381 | 10671 | 10818 | 10623 | 2.09 | cps |
| Thallium | 205-1 | 25581 | 24906 | 25708 | 25398 | 1.70 | cps |
| Tin | 118-1 | 445643 | 465545 | 465274 | 458820 | 2.49 | cps |
| Titanium | 47-1 | 236373 | 244940 | 249055 | 243456 | 2.66 | cps |

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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-03 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:23:27 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 54116 | 56172 | 54301 | 54863 | 2.07 | cps |
| Vanadium | 51-2 | 126743 | 125681 | 127230 | 126551 | 0.63 | cps |
| Yttrium | 89-1 | 21718046 | 20662344 | 20574248 | 20984879 | 3.03 | cps |
| Yttrium | 89-2 | 5676275 | 5664766 | 5714748 | 5685263 | 0.46 | cps |
| Zinc | 66-2 | 2651188 | 2661545 | 2702043 | 2671592 | 1.01 | cps |
| Zirconium | 90-1 | 22110 | 23052 | 26607 | 23923 | 9.91 | cps |
| Zirconium | 91-1 | 5524 | 5644 | 6125 | 5765 | 5.51 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:26:30 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1620001 | 1628438 | 1613878 | 1620772 | 0.45 | cps |
| Antimony | 121-1 | 245803 | 246822 | 246109 | 246245 | 0.21 | cps |
| Arsenic | 75-2 | 23632 | 23539 | 23151 | 23441 | 1.09 | cps |
| Barium | 135-1 | 90757 | 90841 | 90599 | 90732 | 0.14 | cps |
| Barium | 137-1 | 157009 | 156467 | 157488 | 156988 | 0.33 | cps |
| Beryllium | 9-1 | 287 | 293 | 237 | 272 | 11.38 | cps |
| Bismuth | 209-1 | 10490309 | 10164976 | 10248848 | 10301378 | 1.64 | cps |
| Bismuth | 209-2 | 8680019 | 8609716 | 8538956 | 8609564 | 0.82 | cps |
| Bromine | 81-1 | 35957 | 36789 | 37247 | 36664 | 1.78 | cps |
| Bromine | 81-2 | 4431 | 4481 | 4791 | 4567 | 4.27 | cps |
| Cadmium | 108-1 | 230 | 257 | 197 | 228 | 13.20 | cps |
| Cadmium | 106-1 | 5168 | 4844 | 5094 | 5035 | 3.37 | cps |
| Cadmium | 111-1 | 2668 | 2696 | 2889 | 2751 | 4.37 | cps |
| Calcium | 43-1 | 482710 | 482330 | 477272 | 480771 | 0.63 | cps |
| Calcium | 44-1 | 7503937 | 7550418 | 7437451 | 7497268 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 88618 | 89674 | 89436 | 89243 | 0.62 | cps |
| Cobalt | 59-2 | 75495 | 75026 | 74229 | 74917 | 0.85 | cps |
| Copper | 63-2 | 820133 | 822080 | 815278 | 819164 | 0.43 | cps |
| Dysprosium | 156-1 | 24164 | 23924 | 23927 | 24005 | 0.57 | cps |
| Dysprosium | 156-2 | 19260 | 19861 | 20422 | 19847 | 2.93 | cps |
| Erbium | 164-1 | 20111 | 20075 | 20038 | 20075 | 0.18 | cps |
| Erbium | 164-2 | 14091 | 14377 | 14014 | 14161 | 1.35 | cps |
| Gadolinium | 160-1 | 23400 | 23677 | 23687 | 23588 | 0.69 | cps |
| Gadolinium | 160-2 | 18229 | 18175 | 17645 | 18016 | 1.79 | cps |
| Holmium | 165-1 | 17050976 | 16818579 | 16913208 | 16927588 | 0.69 | cps |
| Holmium | 165-2 | 11914336 | 11878365 | 11888621 | 11893774 | 0.16 | cps |
| Indium | 115-1 | 13702945 | 13386551 | 13437316 | 13508937 | 1.26 | cps |
| Indium | 115-2 | 4976842 | 4974596 | 4925182 | 4958873 | 0.59 | cps |
| Iron | 56-2 | 57419972 | 58000132 | 57843867 | 57754657 | 0.52 | cps |
| Iron | 57-2 | 1460991 | 1411590 | 1435061 | 1435881 | 1.72 | cps |
| Iron | 54-2 | 3185313 | 3153275 | 3172747 | 3170445 | 0.51 | cps |
| Krypton | 83-1 | 190 | 257 | 193 | 213 | 17.61 | cps |



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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-04 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKA9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:26:30 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 690122 | 691937 | 694474 | 692178 | 0.32 | cps |
| Lead | 207-1 | 596580 | 597620 | 600703 | 598301 | 0.36 | cps |
| Lead | 208-1 | 2726256 | 2724217 | 2728966 | 2726480 | 0.09 | cps |
| Lithium | 6-1 | 2019107 | 1973969 | 1992236 | 1995104 | 1.14 | cps |
| Magnesium | 24-2 | 1650478 | 1663595 | 1666511 | 1660195 | 0.51 | cps |
| Manganese | 55-2 | 510269 | 507039 | 507229 | 508179 | 0.36 | cps |
| Molybdenum | 94-1 | 27276 | 28060 | 27897 | 27744 | 1.49 | cps |
| Molybdenum | 95-1 | 12389 | 12586 | 12926 | 12633 | 2.15 | cps |
| Molybdenum | 96-1 | 17527 | 17841 | 16876 | 17415 | 2.83 | cps |
| Molybdenum | 97-1 | 7652 | 7906 | 8066 | 7874 | 2.65 | cps |
| Molybdenum | 98-1 | 20144 | 20501 | 20815 | 20487 | 1.64 | cps |
| Neodymium | 150-1 | 40628 | 41397 | 40444 | 40823 | 1.24 | cps |
| Neodymium | 150-2 | 25189 | 24027 | 24919 | 24712 | 2.46 | cps |
| Nickel | 60-2 | 35769 | 35643 | 35742 | 35718 | 0.19 | cps |
| Phosphorus | 31-2 | 11484 | 11681 | 11631 | 11599 | 0.88 | cps |
| Potassium | 39-2 | 667370 | 667350 | 667268 | 667329 | 0.01 | cps |
| Rhodium | 103-1 | 12576922 | 12025378 | 12141754 | 12248018 | 2.37 | cps |
| Rhodium | 103-2 | 7296579 | 7355022 | 7295263 | 7315622 | 0.47 | cps |
| Scandium | 45-1 | 7010503 | 6935192 | 6776960 | 6907552 | 1.73 | cps |
| Scandium | 45-2 | 594649 | 591235 | 592153 | 592679 | 0.30 | cps |
| Selenium | 82-1 | 293 | 267 | 295 | 285 | 5.41 | cps |
| Selenium | 77-2 | 83 | 87 | 73 | 81 | 8.56 | cps |
| Selenium | 78-2 | 480 | 470 | 450 | 467 | 3.27 | cps |
| Silicon | 28-1 | 5215225 | 5170016 | 5250248 | 5211830 | 0.77 | cps |
| Silver | 107-1 | 8546 | 8196 | 8656 | 8466 | 2.84 | cps |
| Silver | 109-1 | 8039 | 7635 | 7836 | 7837 | 2.57 | cps |
| Sodium | 23-2 | 5435831 | 5419799 | 5468358 | 5441329 | 0.45 | cps |
| Strontium | 86-1 | 259394 | 262370 | 259461 | 260408 | 0.65 | cps |
| Strontium | 88-1 | 2321593 | 2351905 | 2331591 | 2335030 | 0.66 | cps |
| Sulfur | 34-1 | 262189 | 266513 | 265997 | 264900 | 0.89 | cps |
| Terbium | 159-1 | 17456545 | 17071504 | 17022815 | 17183621 | 1.38 | cps |
| Terbium | 159-2 | 11904505 | 11629366 | 11615996 | 11716622 | 1.39 | cps |
| Thallium | 203-1 | 2894 | 3134 | 3064 | 3030 | 4.07 | cps |
| Thallium | 205-1 | 6795 | 7055 | 6959 | 6936 | 1.90 | cps |
| Tin | 118-1 | 58555 | 58719 | 58605 | 58626 | 0.14 | cps |
| Titanium | 47-1 | 795009 | 796885 | 788619 | 793504 | 0.55 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-05 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:29:41 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3356442 | 3385340 | 3381744 | 3374509 | 0.47 | cps |
| Antimony | 121-1 | 10200723 | 10399405 | 10449772 | 10349967 | 1.27 | cps |
| Arsenic | 75-2 | 730889 | 731861 | 730492 | 731081 | 0.10 | cps |
| Barium | 135-1 | 323786 | 328395 | 331175 | 327785 | 1.14 | cps |
| Barium | 137-1 | 564177 | 576118 | 574277 | 571524 | 1.12 | cps |
| Beryllium | 9-1 | 990 | 1067 | 1130 | 1062 | 6.60 | cps |
| Bismuth | 209-1 | 10669584 | 10374678 | 10494180 | 10512814 | 1.41 | cps |
| Bismuth | 209-2 | 8704182 | 8720311 | 8576646 | 8667046 | 0.91 | cps |
| Bromine | 81-1 | 35539 | 36017 | 37234 | 36263 | 2.41 | cps |
| Bromine | 81-2 | 4541 | 4604 | 4397 | 4514 | 2.35 | cps |
| Cadmium | 108-1 | 663 | 607 | 633 | 634 | 4.47 | cps |
| Cadmium | 106-1 | 5925 | 5768 | 5761 | 5818 | 1.59 | cps |
| Cadmium | 111-1 | 5816 | 5846 | 5804 | 5822 | 0.38 | cps |
| Calcium | 43-1 | 205724 | 212189 | 211773 | 209895 | 1.72 | cps |
| Calcium | 44-1 | 3203854 | 3316430 | 3302936 | 3274407 | 1.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 227716 | 229020 | 230517 | 229084 | 0.61 | cps |
| Cobalt | 59-2 | 414772 | 413231 | 415247 | 414417 | 0.25 | cps |
| Copper | 63-2 | 2891025 | 2874490 | 2821346 | 2862287 | 1.27 | cps |
| Dysprosium | 156-1 | 25780 | 26569 | 26402 | 26250 | 1.58 | cps |
| Dysprosium | 156-2 | 21316 | 21737 | 21457 | 21503 | 1.00 | cps |
| Erbium | 164-1 | 25804 | 25654 | 25517 | 25658 | 0.56 | cps |
| Erbium | 164-2 | 18309 | 18292 | 18175 | 18259 | 0.40 | cps |
| Gadolinium | 160-1 | 26422 | 27036 | 26852 | 26770 | 1.18 | cps |
| Gadolinium | 160-2 | 20775 | 20535 | 20789 | 20700 | 0.69 | cps |
| Holmium | 165-1 | 17177802 | 17017235 | 17065312 | 17086783 | 0.48 | cps |
| Holmium | 165-2 | 12178321 | 12216199 | 12138422 | 12177648 | 0.32 | cps |
| Indium | 115-1 | 14540116 | 14417665 | 14273417 | 14410399 | 0.93 | cps |
| Indium | 115-2 | 5383579 | 5458220 | 5427267 | 5423022 | 0.69 | cps |
| Iron | 56-2 | 256634516 | 258070189 | 257223956 | 257309554 | 0.28 | cps |
| Iron | 57-2 | 6266592 | 6277786 | 6348613 | 6297663 | 0.71 | cps |
| Iron | 54-2 | 14012740 | 13884326 | 13939231 | 13945432 | 0.46 | cps |
| Krypton | 83-1 | 220 | 263 | 247 | 243 | 8.98 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-09 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:32:42 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 347110 | 353743 | 352711 | 351188 | 1.02 | cps |
| Vanadium | 51-2 | 276024 | 274538 | 274813 | 275125 | 0.29 | cps |
| Yttrium | 89-1 | 21328901 | 21118198 | 21030623 | 21159241 | 0.72 | cps |
| Yttrium | 89-2 | 5833475 | 5894298 | 5868671 | 5865481 | 0.52 | cps |
| Zinc | 66-2 | 16493044 | 16424745 | 16391524 | 16436438 | 0.31 | cps |
| Zirconium | 90-1 | 386603 | 392236 | 394713 | 391184 | 1.06 | cps |
| Zirconium | 91-1 | 94894 | 95495 | 94841 | 95076 | 0.38 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3020663 | 3047068 | 3009646 | 3025792 | 0.64 | cps |
| Antimony | 121-1 | 6883225 | 6932354 | 6897761 | 6904447 | 0.37 | cps |
| Arsenic | 75-2 | 470734 | 468153 | 467158 | 468682 | 0.39 | cps |
| Barium | 135-1 | 275324 | 281855 | 282133 | 279771 | 1.38 | cps |
| Barium | 137-1 | 485611 | 483961 | 488475 | 486016 | 0.47 | cps |
| Beryllium | 9-1 | 630 | 653 | 697 | 660 | 5.13 | cps |
| Bismuth | 209-1 | 10560217 | 10473951 | 10393388 | 10475852 | 0.80 | cps |
| Bismuth | 209-2 | 8653879 | 8715774 | 8733797 | 8701150 | 0.48 | cps |
| Bromine | 81-1 | 34544 | 36381 | 36706 | 35877 | 3.25 | cps |
| Bromine | 81-2 | 4587 | 4287 | 4224 | 4366 | 4.45 | cps |
| Cadmium | 108-1 | 450 | 573 | 507 | 510 | 12.11 | cps |
| Cadmium | 106-1 | 5835 | 5808 | 5424 | 5689 | 4.03 | cps |
| Cadmium | 111-1 | 4433 | 4469 | 4591 | 4497 | 1.84 | cps |
| Calcium | 43-1 | 191243 | 193746 | 192494 | 192494 | 0.65 | cps |
| Calcium | 44-1 | 2929912 | 3002342 | 2992198 | 2974817 | 1.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 179369 | 178141 | 178344 | 178618 | 0.37 | cps |
| Cobalt | 59-2 | 341827 | 340135 | 341094 | 341019 | 0.25 | cps |
| Copper | 63-2 | 1714570 | 1681194 | 1716545 | 1704103 | 1.17 | cps |
| Dysprosium | 156-1 | 22742 | 23022 | 23112 | 22959 | 0.84 | cps |
| Dysprosium | 156-2 | 19073 | 19390 | 18626 | 19030 | 2.02 | cps |
| Erbium | 164-1 | 21911 | 22315 | 22719 | 22315 | 1.81 | cps |
| Erbium | 164-2 | 15956 | 15729 | 15999 | 15895 | 0.91 | cps |
| Gadolinium | 160-1 | 23299 | 23500 | 23213 | 23337 | 0.63 | cps |
| Gadolinium | 160-2 | 18282 | 17825 | 18482 | 18196 | 1.85 | cps |
| Holmium | 165-1 | 17249842 | 17131251 | 16870831 | 17083975 | 1.13 | cps |
| Holmium | 165-2 | 12038742 | 12168847 | 12187891 | 12131827 | 0.67 | cps |
| Indium | 115-1 | 14592976 | 14324674 | 14215907 | 14377852 | 1.35 | cps |
| Indium | 115-2 | 5418641 | 5335055 | 5343435 | 5365710 | 0.86 | cps |
| Iron | 56-2 | 218198057 | 218499250 | 215813910 | 217503739 | 0.68 | cps |
| Iron | 57-2 | 5386144 | 5365382 | 5345708 | 5365745 | 0.38 | cps |
| Iron | 54-2 | 11800861 | 11878736 | 11724811 | 11801469 | 0.65 | cps |
| Krypton | 83-1 | 240 | 277 | 207 | 241 | 14.52 | cps |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-10 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:36:36 | DataFile Name : | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6644081 | 6769728 | 6789238 | 6734349 | 1.17 | cps |
| Lead | 207-1 | 5842472 | 5976921 | 6023682 | 5947691 | 1.58 | cps |
| Lead | 208-1 | 26824156 | 27299012 | 27353105 | 27158758 | 1.07 | cps |
| Lithium | 6-1 | 2051292 | 2013503 | 1987854 | 2017550 | 1.58 | cps |
| Magnesium | 24-2 | 3738023 | 3691202 | 3660193 | 3696473 | 1.06 | cps |
| Manganese | 55-2 | 2040070 | 2029150 | 2056724 | 2041981 | 0.68 | cps |
| Molybdenum | 94-1 | 96767 | 97033 | 96119 | 96639 | 0.49 | cps |
| Molybdenum | 95-1 | 105241 | 107296 | 106920 | 106486 | 1.03 | cps |
| Molybdenum | 96-1 | 122794 | 123267 | 122773 | 122945 | 0.23 | cps |
| Molybdenum | 97-1 | 66142 | 66694 | 67518 | 66785 | 1.04 | cps |
| Molybdenum | 98-1 | 170664 | 172250 | 172373 | 171762 | 0.55 | cps |
| Neodymium | 150-1 | 34282 | 33810 | 34241 | 34111 | 0.77 | cps |
| Neodymium | 150-2 | 21256 | 20936 | 20662 | 20951 | 1.42 | cps |
| Nickel | 60-2 | 108028 | 108099 | 108525 | 108218 | 0.25 | cps |
| Phosphorus | 31-2 | 15945 | 16663 | 16242 | 16283 | 2.21 | cps |
| Potassium | 39-2 | 1601451 | 1598053 | 1590980 | 1596828 | 0.33 | cps |
| Rhodium | 103-1 | 12895241 | 12791796 | 12688281 | 12791773 | 0.81 | cps |
| Rhodium | 103-2 | 7700676 | 7601617 | 7621916 | 7641403 | 0.68 | cps |
| Scandium | 45-1 | 7464515 | 7419026 | 7356187 | 7413243 | 0.73 | cps |
| Scandium | 45-2 | 650420 | 650395 | 655534 | 652116 | 0.45 | cps |
| Selenium | 82-1 | 368 | 376 | 441 | 395 | 10.12 | cps |
| Selenium | 77-2 | 97 | 70 | 57 | 74 | 27.36 | cps |
| Selenium | 78-2 | 630 | 553 | 493 | 559 | 12.26 | cps |
| Silicon | 28-1 | 5672606 | 5755611 | 7071093 | 6166437 | 12.72 | cps |
| Silver | 107-1 | 14030 | 14371 | 13867 | 14089 | 1.82 | cps |
| Silver | 109-1 | 13366 | 13083 | 13516 | 13322 | 1.65 | cps |
| Sodium | 23-2 | 5759310 | 5710251 | 5705245 | 5724935 | 0.52 | cps |
| Strontium | 86-1 | 196033 | 198135 | 198225 | 197464 | 0.63 | cps |
| Strontium | 88-1 | 1737297 | 1765791 | 1754439 | 1752509 | 0.82 | cps |
| Sulfur | 34-1 | 226517 | 226365 | 226459 | 226447 | 0.03 | cps |
| Terbium | 159-1 | 17578539 | 17589054 | 17475509 | 17547701 | 0.36 | cps |
| Terbium | 159-2 | 12011027 | 11797269 | 11929967 | 11912754 | 0.91 | cps |
| Thallium | 203-1 | 5161 | 5208 | 5288 | 5219 | 1.23 | cps |
| Thallium | 205-1 | 12282 | 12429 | 12129 | 12280 | 1.22 | cps |
| Tin | 118-1 | 1110099 | 1120085 | 1122310 | 1117498 | 0.58 | cps |
| Titanium | 47-1 | 529991 | 536831 | 537891 | 534904 | 0.80 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5580901 | 5568196 | 5545522 | 5564873 | 0.32 | cps |
| Antimony | 121-1 | 32041142 | 31998133 | 32155412 | 32064896 | 0.25 | cps |
| Arsenic | 75-2 | 3596853 | 3617194 | 3618791 | 3610946 | 0.34 | cps |
| Barium | 135-1 | 2259430 | 2261706 | 2263707 | 2261614 | 0.09 | cps |
| Barium | 137-1 | 3907629 | 3940776 | 3900609 | 3916338 | 0.55 | cps |
| Beryllium | 9-1 | 1800 | 1900 | 1990 | 1897 | 5.01 | cps |
| Bismuth | 209-1 | 10706983 | 10358445 | 10393409 | 10486279 | 1.83 | cps |
| Bismuth | 209-2 | 8835922 | 8639873 | 8643994 | 8706596 | 1.29 | cps |
| Bromine | 81-1 | 45798 | 47957 | 49974 | 47910 | 4.36 | cps |
| Bromine | 81-2 | 7385 | 7008 | 6845 | 7080 | 3.91 | cps |
| Cadmium | 108-1 | 3054 | 2934 | 3080 | 3023 | 2.59 | cps |
| Cadmium | 106-1 | 9797 | 10097 | 9487 | 9793 | 3.12 | cps |
| Cadmium | 111-1 | 20912 | 21785 | 21122 | 21273 | 2.14 | cps |
| Calcium | 43-1 | 2435749 | 2494766 | 2482649 | 2471054 | 1.26 | cps |
| Calcium | 44-1 | 39273417 | 39561733 | 39768741 | 39534630 | 0.63 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 257566 | 257109 | 258821 | 257832 | 0.34 | cps |
| Cobalt | 59-2 | 1164183 | 1165368 | 1164138 | 1164563 | 0.06 | cps |
| Copper | 63-2 | 13945089 | 14049790 | 13987151 | 13994010 | 0.38 | cps |
| Dysprosium | 156-1 | 27681 | 28736 | 28035 | 28151 | 1.91 | cps |
| Dysprosium | 156-2 | 23794 | 23383 | 23767 | 23648 | 0.97 | cps |
| Erbium | 164-1 | 29785 | 30837 | 30737 | 30453 | 1.91 | cps |
| Erbium | 164-2 | 22441 | 22435 | 22448 | 22441 | 0.03 | cps |
| Gadolinium | 160-1 | 28679 | 29134 | 28439 | 28751 | 1.23 | cps |
| Gadolinium | 160-2 | 22054 | 22198 | 22592 | 22281 | 1.25 | cps |
| Holmium | 165-1 | 17229425 | 16712665 | 16881888 | 16941326 | 1.56 | cps |
| Holmium | 165-2 | 12068194 | 12160230 | 12002103 | 12076842 | 0.66 | cps |
| Indium | 115-1 | 18362346 | 18227799 | 18290750 | 18293632 | 0.37 | cps |
| Indium | 115-2 | 6836840 | 6752785 | 6825873 | 6805166 | 0.67 | cps |
| Iron | 56-2 | 732405109 | 729075456 | 732558736 | 731346434 | 0.27 | cps |
| Iron | 57-2 | 17989879 | 18101986 | 18054926 | 18048930 | 0.31 | cps |
| Iron | 54-2 | 39616799 | 39526204 | 39645035 | 39596013 | 0.16 | cps |
| Krypton | 83-1 | 263 | 297 | 303 | 288 | 7.45 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-11 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:39:39 | DataFile Name : | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 47765664 | 48350174 | 48380514 | 48165451 | 0.72 | cps |
| Lead | 207-1 | 42500992 | 42772999 | 42604990 | 42626327 | 0.32 | cps |
| Lead | 208-1 | 192593998 | 194433982 | 193840516 | 193622832 | 0.49 | cps |
| Lithium | 6-1 | 2020135 | 1992236 | 1996865 | 2003079 | 0.75 | cps |
| Magnesium | 24-2 | 4455078 | 4451487 | 4488105 | 4464890 | 0.45 | cps |
| Manganese | 55-2 | 5894895 | 5870860 | 5880997 | 5882250 | 0.21 | cps |
| Molybdenum | 94-1 | 578111 | 587790 | 583911 | 583271 | 0.84 | cps |
| Molybdenum | 95-1 | 764885 | 777721 | 777046 | 773218 | 0.93 | cps |
| Molybdenum | 96-1 | 849482 | 866909 | 873643 | 863345 | 1.44 | cps |
| Molybdenum | 97-1 | 480146 | 486154 | 486548 | 484283 | 0.74 | cps |
| Molybdenum | 98-1 | 1235749 | 1258156 | 1260856 | 1251587 | 1.10 | cps |
| Neodymium | 150-1 | 40876 | 41524 | 40899 | 41100 | 0.90 | cps |
| Neodymium | 150-2 | 25436 | 24942 | 24732 | 25037 | 1.44 | cps |
| Nickel | 60-2 | 169714 | 170530 | 170304 | 170183 | 0.25 | cps |
| Phosphorus | 31-2 | 16446 | 16773 | 16883 | 16700 | 1.36 | cps |
| Potassium | 39-2 | 2832467 | 2882014 | 2879409 | 2864630 | 0.97 | cps |
| Rhodium | 103-1 | 12864801 | 12451107 | 12431843 | 12582584 | 1.94 | cps |
| Rhodium | 103-2 | 7473363 | 7460818 | 7398849 | 7444343 | 0.54 | cps |
| Scandium | 45-1 | 7490665 | 7213244 | 7296081 | 7333330 | 1.94 | cps |
| Scandium | 45-2 | 644552 | 647536 | 650535 | 647541 | 0.46 | cps |
| Selenium | 82-1 | 1024 | 1084 | 1039 | 1049 | 2.96 | cps |
| Selenium | 77-2 | 130 | 117 | 167 | 138 | 18.79 | cps |
| Selenium | 78-2 | 783 | 753 | 853 | 797 | 6.44 | cps |
| Silicon | 28-1 | 24639550 | 25321735 | 25002685 | 24987990 | 1.37 | cps |
| Silver | 107-1 | 110590 | 113382 | 112609 | 112194 | 1.28 | cps |
| Silver | 109-1 | 105916 | 107535 | 106688 | 106713 | 0.76 | cps |
| Sodium | 23-2 | 12439963 | 12321379 | 12434603 | 12398649 | 0.54 | cps |
| Strontium | 86-1 | 1877862 | 1942644 | 1940190 | 1920232 | 1.91 | cps |
| Strontium | 88-1 | 16243987 | 16595776 | 16745493 | 16528419 | 1.56 | cps |
| Sulfur | 34-1 | 350476 | 357237 | 359350 | 355688 | 1.30 | cps |
| Terbium | 159-1 | 17808557 | 17206773 | 17431083 | 17482138 | 1.74 | cps |
| Terbium | 159-2 | 12077535 | 11835049 | 11883325 | 11931970 | 1.08 | cps |
| Thallium | 203-1 | 17238 | 17351 | 17401 | 17330 | 0.48 | cps |
| Thallium | 205-1 | 40116 | 40577 | 40557 | 40417 | 0.65 | cps |
| Tin | 118-1 | 8764709 | 8913601 | 8779335 | 8819215 | 0.93 | cps |
| Titanium | 47-1 | 1014801 | 1028719 | 1040166 | 1027895 | 1.24 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1735846 | 1741548 | 1721002 | 1732799 | 0.61 | cps |
| Antimony | 121-1 | 33185 | 33743 | 33432 | 33453 | 0.84 | cps |
| Arsenic | 75-2 | 7719 | 8059 | 8022 | 7933 | 2.35 | cps |
| Barium | 135-1 | 37534 | 38335 | 37630 | 37833 | 1.16 | cps |
| Barium | 137-1 | 65403 | 65212 | 64495 | 65037 | 0.74 | cps |
| Beryllium | 9-1 | 270 | 323 | 353 | 316 | 13.37 | cps |
| Bismuth | 209-1 | 10183520 | 9615248 | 10293678 | 10030815 | 3.63 | cps |
| Bismuth | 209-2 | 8571068 | 8531172 | 8447903 | 8516714 | 0.74 | cps |
| Bromine | 81-1 | 30658 | 31607 | 31631 | 31299 | 1.77 | cps |
| Bromine | 81-2 | 3370 | 3460 | 3337 | 3389 | 1.88 | cps |
| Cadmium | 108-1 | 63 | 110 | 77 | 83 | 28.85 | cps |
| Cadmium | 106-1 | 4978 | 4821 | 5254 | 5018 | 4.37 | cps |
| Cadmium | 111-1 | 1204 | 1157 | 1261 | 1208 | 4.31 | cps |
| Calcium | 43-1 | 141458 | 140015 | 140025 | 140499 | 0.59 | cps |
| Calcium | 44-1 | 2216811 | 2234993 | 2181704 | 2211170 | 1.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 81582 | 82735 | 83044 | 82454 | 0.93 | cps |
| Cobalt | 59-2 | 54258 | 54117 | 53960 | 54112 | 0.28 | cps |
| Copper | 63-2 | 173587 | 169801 | 170074 | 171154 | 1.23 | cps |
| Dysprosium | 156-1 | 32698 | 33019 | 33139 | 32952 | 0.69 | cps |
| Dysprosium | 156-2 | 28375 | 28402 | 27965 | 28247 | 0.87 | cps |
| Erbium | 164-1 | 25380 | 26291 | 25660 | 25777 | 1.81 | cps |
| Erbium | 164-2 | 18355 | 18713 | 19020 | 18696 | 1.78 | cps |
| Gadolinium | 160-1 | 32287 | 32157 | 31786 | 32077 | 0.81 | cps |
| Gadolinium | 160-2 | 24481 | 24729 | 24622 | 24611 | 0.50 | cps |
| Holmium | 165-1 | 16863491 | 15733933 | 16870774 | 16489399 | 3.97 | cps |
| Holmium | 165-2 | 11940815 | 12075400 | 11941883 | 11986033 | 0.65 | cps |
| Indium | 115-1 | 13554582 | 12913936 | 13848497 | 13439005 | 3.56 | cps |
| Indium | 115-2 | 5120023 | 5034260 | 5033716 | 5062666 | 0.98 | cps |
| Iron | 56-2 | 72805429 | 72176311 | 71867169 | 72282969 | 0.66 | cps |
| Iron | 57-2 | 1794293 | 1779353 | 1797693 | 1790446 | 0.54 | cps |
| Iron | 54-2 | 3944244 | 3973483 | 3901176 | 3939634 | 0.92 | cps |
| Krypton | 83-1 | 260 | 230 | 240 | 243 | 6.28 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 140090 | 142239 | 139612 | 140647 | 0.99 | cps |
| Lead | 207-1 | 119063 | 120142 | 119177 | 119461 | 0.50 | cps |
| Lead | 208-1 | 550295 | 557217 | 548876 | 552130 | 0.81 | cps |
| Lithium | 6-1 | 1987843 | 1942073 | 2033785 | 1987901 | 2.31 | cps |
| Magnesium | 24-2 | 1938794 | 1901759 | 1921330 | 1920628 | 0.96 | cps |
| Manganese | 55-2 | 1662665 | 1682544 | 1634336 | 1659849 | 1.46 | cps |
| Molybdenum | 94-1 | 25930 | 27079 | 25663 | 26224 | 2.87 | cps |
| Molybdenum | 95-1 | 5248 | 5094 | 5091 | 5144 | 1.74 | cps |
| Molybdenum | 96-1 | 10544 | 10214 | 10571 | 10443 | 1.90 | cps |
| Molybdenum | 97-1 | 3280 | 3384 | 3320 | 3328 | 1.57 | cps |
| Molybdenum | 98-1 | 8352 | 8589 | 8716 | 8553 | 2.16 | cps |
| Neodymium | 150-1 | 58233 | 57015 | 57962 | 57736 | 1.11 | cps |
| Neodymium | 150-2 | 34913 | 35254 | 35257 | 35141 | 0.56 | cps |
| Nickel | 60-2 | 28454 | 29045 | 28394 | 28631 | 1.26 | cps |
| Phosphorus | 31-2 | 16549 | 16255 | 16315 | 16373 | 0.95 | cps |
| Potassium | 39-2 | 719326 | 712272 | 712547 | 714715 | 0.56 | cps |
| Rhodium | 103-1 | 12682824 | 11949689 | 12732038 | 12454850 | 3.52 | cps |
| Rhodium | 103-2 | 7497294 | 7565632 | 7511909 | 7524945 | 0.48 | cps |
| Scandium | 45-1 | 7361106 | 6883256 | 7349824 | 7198062 | 3.79 | cps |
| Scandium | 45-2 | 633423 | 626979 | 629210 | 629870 | 0.52 | cps |
| Selenium | 82-1 | 193 | 258 | 261 | 237 | 16.16 | cps |
| Selenium | 77-2 | 77 | 77 | 123 | 92 | 29.22 | cps |
| Selenium | 78-2 | 607 | 550 | 530 | 562 | 7.07 | cps |
| Silicon | 28-1 | 4738659 | 5048428 | 5282472 | 5023186 | 5.43 | cps |
| Silver | 107-1 | 1213 | 1387 | 1307 | 1302 | 6.66 | cps |
| Silver | 109-1 | 1227 | 1297 | 1200 | 1241 | 4.02 | cps |
| Sodium | 23-2 | 5777589 | 5701093 | 5768981 | 5749221 | 0.73 | cps |
| Strontium | 86-1 | 146961 | 144013 | 144359 | 145111 | 1.11 | cps |
| Strontium | 88-1 | 1250744 | 1255421 | 1250540 | 1252235 | 0.22 | cps |
| Sulfur | 34-1 | 224251 | 224424 | 226469 | 225048 | 0.55 | cps |
| Terbium | 159-1 | 17360820 | 16441028 | 17475434 | 17092427 | 3.32 | cps |
| Terbium | 159-2 | 11792763 | 11814056 | 11822713 | 11809844 | 0.13 | cps |
| Thallium | 203-1 | 933 | 1043 | 953 | 977 | 6.00 | cps |
| Thallium | 205-1 | 2390 | 2557 | 2400 | 2449 | 3.82 | cps |
| Tin | 118-1 | 13473 | 13687 | 13556 | 13572 | 0.79 | cps |
| Titanium | 47-1 | 852324 | 849696 | 848278 | 850099 | 0.24 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-13 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKB9 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:45:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13290 | 13337 | 13460 | 13362 | 0.66 | cps |
| Vanadium | 51-2 | 204850 | 205410 | 202935 | 204398 | 0.63 | cps |
| Yttrium | 89-1 | 21012120 | 19978590 | 21404347 | 20798352 | 3.54 | cps |
| Yttrium | 89-2 | 5724757 | 5701461 | 5704347 | 5710188 | 0.22 | cps |
| Zinc | 66-2 | 48913 | 48542 | 49074 | 48843 | 0.56 | cps |
| Zirconium | 90-1 | 62629 | 63302 | 65834 | 63922 | 2.64 | cps |
| Zirconium | 91-1 | 13743 | 14097 | 14087 | 13976 | 1.44 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | P5364-14 | Instrumnet Name : | P7 |
| Client Sample ID : | MJNKC1 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:49:29 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1630304 | 1620651 | 1599761 | 1616905 | 0.97 | cps |
| Antimony | 121-1 | 60393 | 61846 | 59747 | 60662 | 1.77 | cps |
| Arsenic | 75-2 | 15508 | 15582 | 15962 | 15684 | 1.55 | cps |
| Barium | 135-1 | 38556 | 39027 | 39157 | 38913 | 0.81 | cps |
| Barium | 137-1 | 68145 | 68404 | 66900 | 67816 | 1.19 | cps |
| Beryllium | 9-1 | 307 | 327 | 300 | 311 | 4.46 | cps |
| Bismuth | 209-1 | 10028824 | 10035192 | 10045307 | 10036441 | 0.08 | cps |
| Bismuth | 209-2 | 8483970 | 8406404 | 8458038 | 8449471 | 0.47 | cps |
| Bromine | 81-1 | 30177 | 30532 | 30638 | 30449 | 0.79 | cps |
| Bromine | 81-2 | 3220 | 3440 | 3460 | 3374 | 3.95 | cps |
| Cadmium | 108-1 | 60 | 87 | 67 | 71 | 19.52 | cps |
| Cadmium | 106-1 | 4954 | 4941 | 4624 | 4840 | 3.86 | cps |
| Cadmium | 111-1 | 1365 | 1302 | 1249 | 1305 | 4.44 | cps |
| Calcium | 43-1 | 105809 | 104839 | 105117 | 105255 | 0.47 | cps |
| Calcium | 44-1 | 1653098 | 1656326 | 1671565 | 1660329 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 84639 | 84304 | 84391 | 84445 | 0.21 | cps |
| Cobalt | 59-2 | 55198 | 54147 | 54177 | 54507 | 1.10 | cps |
| Copper | 63-2 | 292527 | 292121 | 293406 | 292685 | 0.22 | cps |
| Dysprosium | 156-1 | 22241 | 22495 | 22919 | 22552 | 1.52 | cps |
| Dysprosium | 156-2 | 18996 | 18693 | 18672 | 18787 | 0.97 | cps |
| Erbium | 164-1 | 18232 | 18496 | 18506 | 18411 | 0.84 | cps |
| Erbium | 164-2 | 13483 | 13113 | 13407 | 13334 | 1.47 | cps |
| Gadolinium | 160-1 | 21954 | 22224 | 21804 | 21994 | 0.97 | cps |
| Gadolinium | 160-2 | 17368 | 17244 | 17424 | 17345 | 0.53 | cps |
| Holmium | 165-1 | 16624632 | 16809410 | 16650501 | 16694848 | 0.60 | cps |
| Holmium | 165-2 | 11894740 | 11746049 | 11898343 | 11846377 | 0.73 | cps |
| Indium | 115-1 | 13509430 | 13413520 | 13515474 | 13479475 | 0.42 | cps |
| Indium | 115-2 | 5029221 | 4932645 | 4996657 | 4986174 | 0.99 | cps |
| Iron | 56-2 | 63177292 | 62895066 | 63584557 | 63218972 | 0.55 | cps |
| Iron | 57-2 | 1592202 | 1571707 | 1590710 | 1584873 | 0.72 | cps |
| Iron | 54-2 | 3455892 | 3466784 | 3459086 | 3460587 | 0.16 | cps |
| Krypton | 83-1 | 250 | 267 | 233 | 250 | 6.67 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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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Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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 |

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV025 | 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:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV025 | 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
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCV025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 20:55:52 | DataFile Name : | 113CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18256803 | 18675569 | 18436324 | 18456232 | 1.14 | cps |
| Vanadium | 51-2 | 1936731 | 1902562 | 1948320 | 1929204 | 1.23 | cps |
| Yttrium | 89-1 | 18278421 | 17946562 | 17671645 | 17965543 | 1.69 | cps |
| Yttrium | 89-2 | 4867044 | 4901685 | 4749343 | 4839357 | 1.65 | cps |
| Zinc | 66-2 | 4050940 | 4024704 | 4040841 | 4038828 | 0.33 | cps |
| Zirconium | 90-1 | 10088168 | 9993173 | 9864380 | 9981907 | 1.13 | cps |
| Zirconium | 91-1 | 2214391 | 2232808 | 2197324 | 2214841 | 0.80 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB025 | 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 |

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On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1970 | 1607 | 1497 | 1691 | 14.65 | cps |
| Lead | 207-1 | 1800 | 1343 | 1427 | 1523 | 15.97 | cps |
| Lead | 208-1 | 7571 | 6174 | 6157 | 6634 | 12.23 | cps |
| Lithium | 6-1 | 1927299 | 1949851 | 1922542 | 1933231 | 0.75 | cps |
| Magnesium | 24-2 | 760 | 780 | 723 | 754 | 3.81 | cps |
| Manganese | 55-2 | 430 | 507 | 520 | 486 | 10.00 | cps |
| Molybdenum | 94-1 | 1354 | 370 | 437 | 720 | 76.36 | cps |
| Molybdenum | 95-1 | 1264 | 267 | 287 | 606 | 94.12 | cps |
| Molybdenum | 96-1 | 1141 | 380 | 503 | 675 | 60.51 | cps |
| Molybdenum | 97-1 | 610 | 243 | 183 | 346 | 66.86 | cps |
| Molybdenum | 98-1 | 1635 | 473 | 480 | 863 | 77.50 | cps |
| Neodymium | 150-1 | 7 | 7 | 7 | 7 | 0.00 | cps |
| Neodymium | 150-2 | 0 | 10 | 3 | 4 | 114.60 | cps |
| Nickel | 60-2 | 613 | 507 | 543 | 554 | 9.77 | cps |
| Phosphorus | 31-2 | 110 | 87 | 127 | 108 | 18.64 | cps |
| Potassium | 39-2 | 52534 | 52557 | 52199 | 52430 | 0.38 | cps |
| Rhodium | 103-1 | 11708076 | 11781134 | 11732833 | 11740681 | 0.32 | cps |
| Rhodium | 103-2 | 7042843 | 6973260 | 7103268 | 7039791 | 0.92 | cps |
| Scandium | 45-1 | 6613066 | 6550256 | 6565041 | 6576121 | 0.50 | cps |
| Scandium | 45-2 | 575615 | 574513 | 576769 | 575632 | 0.20 | cps |
| Selenium | 82-1 | 215 | 146 | 68 | 143 | 51.77 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 433 | 370 | 447 | 417 | 9.83 | cps |
| Silicon | 28-1 | 528236 | 532764 | 531581 | 530860 | 0.44 | cps |
| Silver | 107-1 | 300 | 153 | 143 | 199 | 44.10 | cps |
| Silver | 109-1 | 167 | 170 | 123 | 153 | 16.98 | cps |
| Sodium | 23-2 | 32197 | 31285 | 30777 | 31420 | 2.29 | cps |
| Strontium | 86-1 | 817 | 310 | 357 | 495 | 56.65 | cps |
| Strontium | 88-1 | 4004 | 307 | 247 | 1519 | 141.67 | cps |
| Sulfur | 34-1 | 170897 | 173429 | 173044 | 172457 | 0.79 | cps |
| Terbium | 159-1 | 16363742 | 16211141 | 16602624 | 16392502 | 1.20 | cps |
| Terbium | 159-2 | 11249357 | 11201213 | 11262332 | 11237634 | 0.29 | cps |
| Thallium | 203-1 | 340 | 330 | 333 | 334 | 1.52 | cps |
| Thallium | 205-1 | 817 | 840 | 830 | 829 | 1.41 | cps |
| Tin | 118-1 | 1320 | 1233 | 1197 | 1250 | 5.07 | cps |
| Titanium | 47-1 | 107 | 87 | 87 | 93 | 12.37 | cps |

Reviewed By:Mohan
On:1/2/2025 10:28:08 PM
Inst Id :P7

| | | | |
|---|---|---|---|
| LB Number : | LB134140 | Operator : | Jaswal |
| Lab Sample ID : | CCB025 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2024-12-27 21:06:06 | DataFile Name : | 116CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30 | 20 | 13 | 21 | 39.75 | cps |
| Vanadium | 51-2 | 37 | 23 | 30 | 30 | 22.23 | cps |
| Yttrium | 89-1 | 19092625 | 18996541 | 19112839 | 19067335 | 0.33 | cps |
| Yttrium | 89-2 | 5197420 | 5199148 | 5258878 | 5218482 | 0.67 | cps |
| Zinc | 66-2 | 263 | 217 | 213 | 231 | 12.10 | cps |
| Zirconium | 90-1 | 1284 | 737 | 703 | 908 | 35.89 | cps |
| Zirconium | 91-1 | 243 | 200 | 157 | 200 | 21.67 | cps |

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# Prep Standard - Chemical Standard Summary

**Order ID :** P5347

**Test :** Metals CLP MS,Metals CLP MS FULL

**Prepbatch ID :** PB165859,PB165880,

**Sequence ID/Qc Batch ID:** LB134112,LB134140,

**Standard ID :**
MP82128,MP83498,MP83499,MP83500,MP83619,MP83620,MP83621,MP83622,MP83623,MP83625,MP83626,MP836
27,MP83628,MP83629,MP83630,MP83631,MP83632,MP83633,MP83634,MP83635,MP83636,MP83670,MP83671,MP
83716,MP83723,MP83764,MP83781,MP83784,MP83835,

**Chemical ID :**
M5192,M5288,M5289,M5295,M5304,M5390,M5476,M5497,M5498,M5513,M5515,M5516,M5519,M5658,M5697,M5698
,M5739,M5751,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M582
0,M5873,M5874,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M5993,M5999,M6021,M6023,M6025,M6028,M60
30,M6033,M6040,M6055,M6121,M6126,W3112,

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 641 | 1:4 HCL | MP82128 | 09/03/2024 | 02/08/2025 | Janvi Patel | None | None | Sarabjit Jaswal 09/03/2024 |

**FROM** 1500.00000ml of W3112 + 500.00000ml of M6040 = Final Quantity: 2000.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 169 | 1:1HNO3 | MP83498 | 12/09/2024 | 01/03/2025 | Janvi Patel | None | None | Sarabjit Jaswal 12/09/2024 |

**FROM** 1250.00000ml of M6126 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 170 | 1:1HCL | MP83499 | 12/09/2024 | 01/17/2025 | Eman Mughal | None | None | Sarabjit Jaswal 12/09/2024 |

**FROM** 1250.00000ml of M6121 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 902 | ICP AES CAL BLK ( SO/ICB/CCB) | MP83500 | 12/06/2024 | 01/06/2025 | Kareem Khairalla | None | None | Sarabjit Jaswal 12/09/2024 |

**FROM** 125.00000ml of M6121 + 2350.00000ml of W3112 + 25.00000ml of M6126 = 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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# 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 |
|---|---|---|---|---|---|---|---|---|
| 3963 | CONC.LCSW SPIKE | MP83670 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5289 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.25000ml of M5192 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.00000ml of M5515 + 1.25000ml of M5816 + 1.25000ml of M5820 + 2.50000ml of M5497 + 2.50000ml of M5519 + 2.50000ml of M5768 + 2.50000ml of M5806 + 2.50000ml of M6121 + 225.50000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 250.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 870 | ICPMS SPIKE SOL.B | MP83671 | 12/13/2024 | 01/07/2025 | Sarabjit Jaswal | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/17/2024 |

**FROM** 0.45000ml of M5962 + 5.00000ml of M5993 + 5.00000ml of M5999 + 39.55000ml of MP83619 = Final Quantity: 50.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1051 | TL 1PPM | MP83716 | 12/19/2024 | 01/07/2025 | Janvi Patel | None | METALS_PIPETTE_3 (A) | Mohan Bera 12/20/2024 |

**FROM** 0.01000ml of M6023 + 9.99000ml of MP83619 = Final Quantity: 10.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1883 | SE 10PPM | MP83723 | 12/19/2024 | 01/07/2025 | Sarabjit Jaswal | None | None | Mohan Bera 12/20/2024 |

**FROM** 0.10000ml of M5962 + 9.90000ml of MP83619 = Final Quantity: 10.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1417 | AS 10PPM | MP83764 | 12/23/2024 | 01/07/2025 | Sarabjit Jaswal | None | None | Mohan Bera 12/25/2024 |

**FROM** 0.10000ml of M5801 + 9.90000ml of MP83619 = Final Quantity: 10.000 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

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1036 | CD 1PPM | MP83784 | 12/26/2024 | 01/07/2025 | Janvi Patel | None | None | Mohan Bera 12/26/2024 |

**FROM** 0.01000ml of M6028 + 9.99000ml of MP83619 = Final Quantity: 10.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 2662 | SB 100.00PPM | MP83835 | 12/27/2024 | 01/06/2025 | Sarabjit Jaswal | None | None | Mohan Bera 12/31/2024 |

**FROM** 1.00000ml of M5802 + 9.00000ml of MP83500 = Final Quantity: 10.000 ml

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57042 / Mo, 1000 PPM, 125 ml | 051722 | 05/17/2025 | 07/01/2022 / bin | 06/17/2022 / jaswal | M5192 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58119 / K, 10000 PPM, 500 ml | 071122 | 07/11/2025 | 09/01/2022 / jaswal | 07/21/2022 / jaswal | M5288 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58113 / Aluminum (Al) 10,000PPM | 070622 | 07/06/2025 | 09/02/2022 / jaswal | 07/12/2022 / jaswal | M5289 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| EPA | ICV-1 / ICV ( ICP/ICPMS ) STOCK SOLN | ICV-1014 | 02/05/2025 | 08/07/2024 / jaswal | 04/20/2021 / bin | M5295 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | 6020CAL-1 / Calibration Standard Method 6020 | S2-MEB711244 | 10/20/2026 | 08/07/2024 / jaswal | 04/01/2022 / jaswal | M5304 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57056 / Ba, 1000 PPM, 125 ml | 072122 | 07/21/2025 | 08/07/2024 / jaswal | 09/18/2022 / bin | M5390 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57138 / Sr, 10000 PPM, 125 ml | 082922 | 08/29/2025 | 07/29/2024 / jaswal | 03/16/2023 / jaswal | M5476 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58120 / Ca, 10000 PPM, 500 ml | 031523 | 03/15/2026 | 03/18/2023 / bin | 03/17/2023 / bin | M5497 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58120 / Ca, 10000 PPM, 500 ml | 031523 | 03/15/2026 | 08/15/2023 / jaswal | 03/17/2023 / bin | M5498 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57182 / Pb, 10000 PPM, 125 ml | 061522 | 06/15/2025 | 03/19/2023 / bin | 03/17/2023 / bin | M5513 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58126 / Fe, 10000 PPM, 500 ml | 092122 | 09/21/2025 | 08/01/2024 / Jaswal | 03/17/2023 / bin | M5515 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58111 / Na, 10000 PPM, 500 ml | 022123 | 11/06/2025 | 11/06/2024 / kareem | 03/17/2023 / bin | M5516 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57119 / Potassium (K) 10,000PPM | 120822 | 12/08/2025 | 01/08/2024 / bin | 03/17/2023 / bin | M5519 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58024 / Chromium, Cr, 500 ml, 1000 PPM | 060523 | 06/05/2026 | 08/28/2023 / jaswal | 08/25/2023 / jaswal | M5658 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58029 / Cu, 1000 PPM, 500 ml | 102523 | 10/25/2026 | 04/03/2024 / jaswal | 10/27/2023 / jaswal | M5697 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58025 / Mn, 1000 PPM, 500 ml | 102623 | 10/26/2026 | 04/18/2024 / jaswal | 10/27/2023 / jaswal | M5698 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | 6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y | T2-MEB709511 | 09/03/2026 | 08/07/2024 / jaswal | 04/11/2022 / jaswal | M5739 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58029 / Cu, 1000 PPM, 500 ml | 071723 | 07/17/2026 | 10/01/2024 / Jaswal | 08/25/2023 / jaswal | M5751 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58112 / Mg, 10000 PPM, 500 ml | 091823 | 09/18/2026 | 01/08/2024 / bin | 01/03/2024 / bin | M5768 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58112 / Mg, 10000 PPM, 500 ml | 091823 | 09/18/2026 | 05/24/2024 / Jaswal | 01/03/2024 / bin | M5769 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57004 / Be, 1000 PPM, 125 ml | 102523 | 10/25/2026 | 02/09/2024 / bin | 02/09/2024 / bin | M5798 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57050 / Sn, 1000 PPM, 125 ml | 071123 | 07/11/2026 | 02/09/2024 / bin | 02/09/2024 / bin | M5799 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57027 / CO, 1000 PPM, 125 ml | 091923 | 09/19/2026 | 05/31/2024 / bin | 02/09/2024 / bin | M5800 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57033 / As, 1000 PPM, 125 ml | 111323 | 11/13/2026 | 02/09/2024 / bin | 02/09/2024 / bin | M5801 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57051 / Sb, 1000 PPM, 125 ml | 120523 | 12/05/2026 | 08/07/2024 / jaswal | 01/03/2024 / jaswal | M5802 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58111 / Na, 10000 PPM, 500 ml | 122223 | 12/22/2026 | 08/01/2024 / Jaswal | 01/03/2024 / jaswal | M5806 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57115 / P, 10000 PPM, 125 ml | 041723 | 04/17/2026 | 05/21/2024 / Jaswal | 02/09/2024 / jaswal | M5815 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57016 / S, 1000 PPM, 125 ml | 122923 | 12/29/2026 | 05/20/2024 / Jaswal | 02/09/2024 / jaswal | M5816 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57116 / S, 10000 PPM, 125 ml | 071123 | 07/11/2026 | 03/01/2024 / jaswal | 02/09/2024 / jaswal | M5817 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57014 / Si, 1000 PPM, 125 ml | 122023 | 12/20/2026 | 03/06/2024 / jaswal | 02/09/2024 / jaswal | M5818 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58030 / Zinc, Zn, 500 ml, 1000 PPM | 111623 | 11/16/2026 | 03/20/2024 / jaswal | 02/09/2024 / jaswal | M5819 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57015 / P, 1000 PPM, 125 ml | 091123 | 09/11/2026 | 05/01/2024 / jaswal | 02/09/2024 / jaswal | M5820 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| EPA | PART A / ICSA ( ICPMS ) STOCK SOLN | CP-MS ICSA-0803 | 04/30/2025 | 04/17/2024 / jaswal | 07/14/2022 / jaswal | M5873 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| EPA | PART B / ICSB (ICPMS) STOCK SOLUTION | CP-MS ICSB-0803 | 04/30/2025 | 04/17/2024 / jaswal | 07/14/2022 / jaswal | M5874 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57028 / Ni, 1000 PPM, 125 ml | 041124 | 04/11/2027 | 07/02/2024 / Jaswal | 06/11/2024 / Jaswal | M5961 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57034 / Se, 1000 PPM, 125 ml | 060624 | 06/06/2027 | 07/02/2024 / Jaswal | 06/14/2024 / Jaswal | M5962 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL | T2-MO720876 | 07/17/2027 | 08/07/2024 / jaswal | 02/22/2024 / Jaswal | M5976 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CGTI1-1 / TITANIUM 125mL 1000ug/mL | T2-TI719972 | 06/17/2027 | 08/07/2024 / jaswal | 02/22/2024 / Jaswal | M5978 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57092 / U, 1000 PPM, 125 ml | 060724 | 06/07/2027 | 07/29/2024 / Jaswal | 06/11/2024 / Jaswal | M5981 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57038 / Sr, 1000 PPM, 125 ml | 031524 | 03/15/2027 | 07/01/2024 / Jaswal | 06/11/2024 / Jaswal | M5982 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57040 / Zr, 1000 PPM, 125 ml | 071423 | 07/14/2026 | 07/29/2024 / Jaswal | 06/11/2024 / Jaswal | M5983 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL | V2-MEB742036 | 03/12/2029 | 10/04/2024 / Jaswal | 02/22/2024 / Jaswal | M5993 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL | T2-MEB721963 | 07/27/2027 | 09/04/2024 / Jaswal | 02/22/2024 / kareem | M5999 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57023 / V, 1000 PPM, 125 ml | 062424 | 06/24/2027 | 09/28/2024 / jaswal | 08/05/2024 / Jaswal | M6021 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57081 / Tl, 1000 PPM, 125 ml | 0624724 | 06/27/2027 | 08/05/2024 / kareem | 08/05/2024 / Jaswal | M6023 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57082 / Pb, 1000 PPM, 125 ml | 061224 | 11/09/2026 | 08/05/2024 / Jaswal | 08/05/2024 / Jaswal | M6025 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57048 / Cd, 1000 PPM, 125 ml | 070124 | 07/01/2027 | 08/05/2024 / kareem | 08/05/2024 / Jaswal | M6028 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57047 / Ag, 1000 PPM, 125 ml | 122823 | 12/28/2026 | 08/05/2024 / kareem | 08/05/2024 / Jaswal | M6030 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58113 / Al, 10000 PPM, 500 ml | 011623 | 01/16/2026 | 08/07/2024 / Jaswal | 01/03/2024 / Jaswal | M6033 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L) | 24D1562005 | 02/08/2025 | 08/09/2024 / jaswal | 08/01/2024 / Janvi | M6040 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL | U2-MEB734294 | 06/21/2028 | 08/21/2024 / Jaswal | 08/19/2024 / Jaswal | M6055 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L) | 0000275677 | 05/13/2025 | 11/13/2024 / Eman | 10/13/2024 / Eman | M6121 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L) | 24D1062002 | 06/03/2025 | 12/03/2024 / Janvi | 11/12/2024 / Janvi | M6126 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | DIW / DI Water | Daily Lab-Certified | 07/03/2029 | 07/03/2024 / Iwona | 07/03/2024 / Iwona | W3112 |

INORGANIC VENTURES™

Refine your results. Redefine your industry.

# Certificate of Analysis

R: 02/22/24 M5991, M5992, M5993, M5994, M5995

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: | 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:**



1818

| 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***

M6028

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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R: 8/5/24

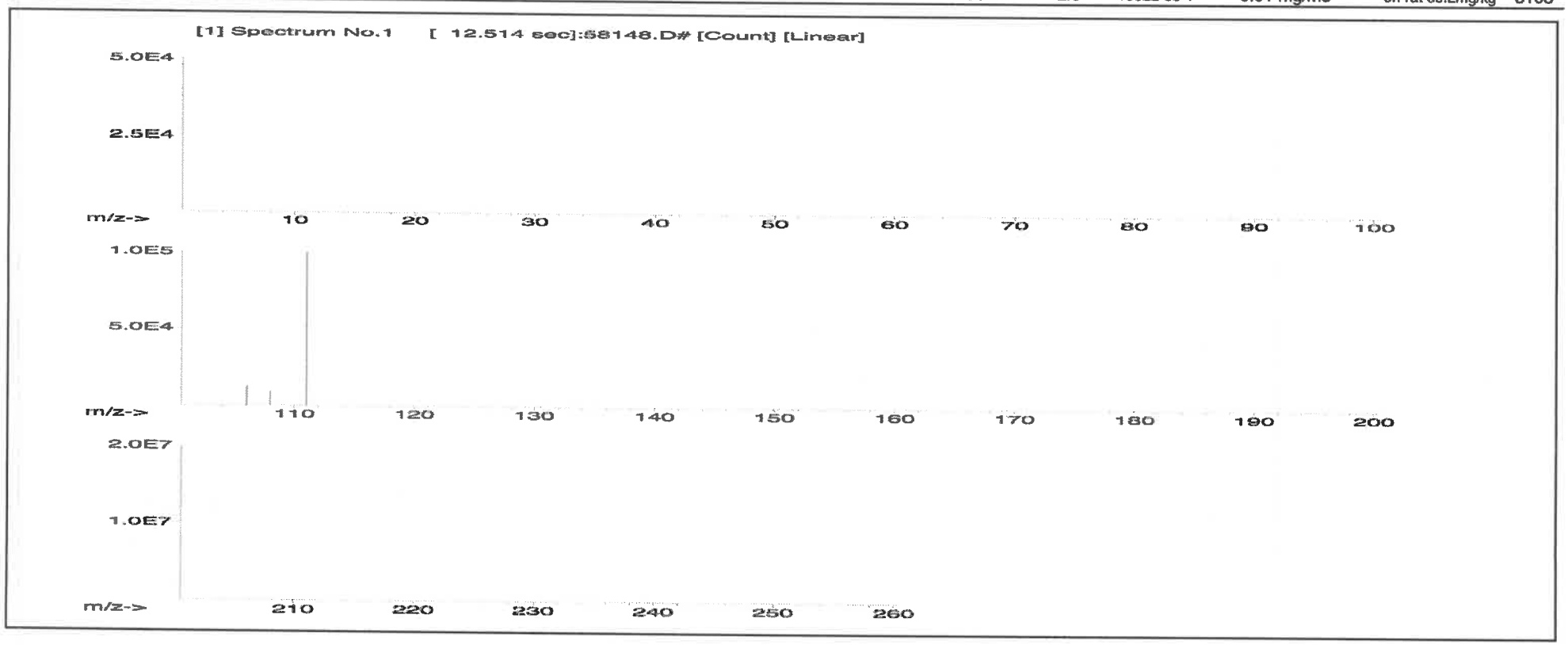
1822

## 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 |



1823

**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:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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***Certified Reference Material CRM***

R: 8/5/24 M6025

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1824

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

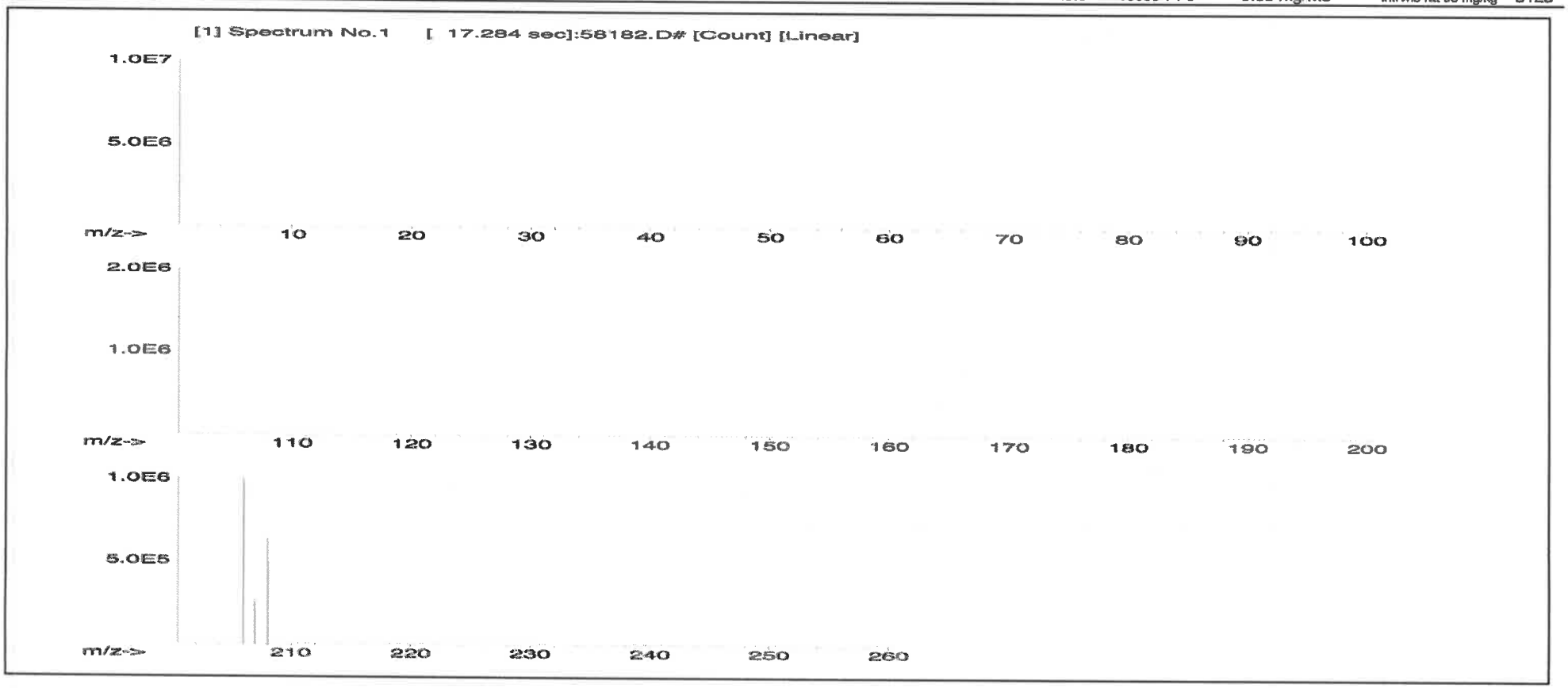
**Weight shown below was diluted to (mL):** 2000.02 0.058 Flask Uncertainty

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

5E-05 Balance 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 |



1825

**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*

M5192 R: 06/17/22

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1826

CERTIFIED WEIGHT REPORT:

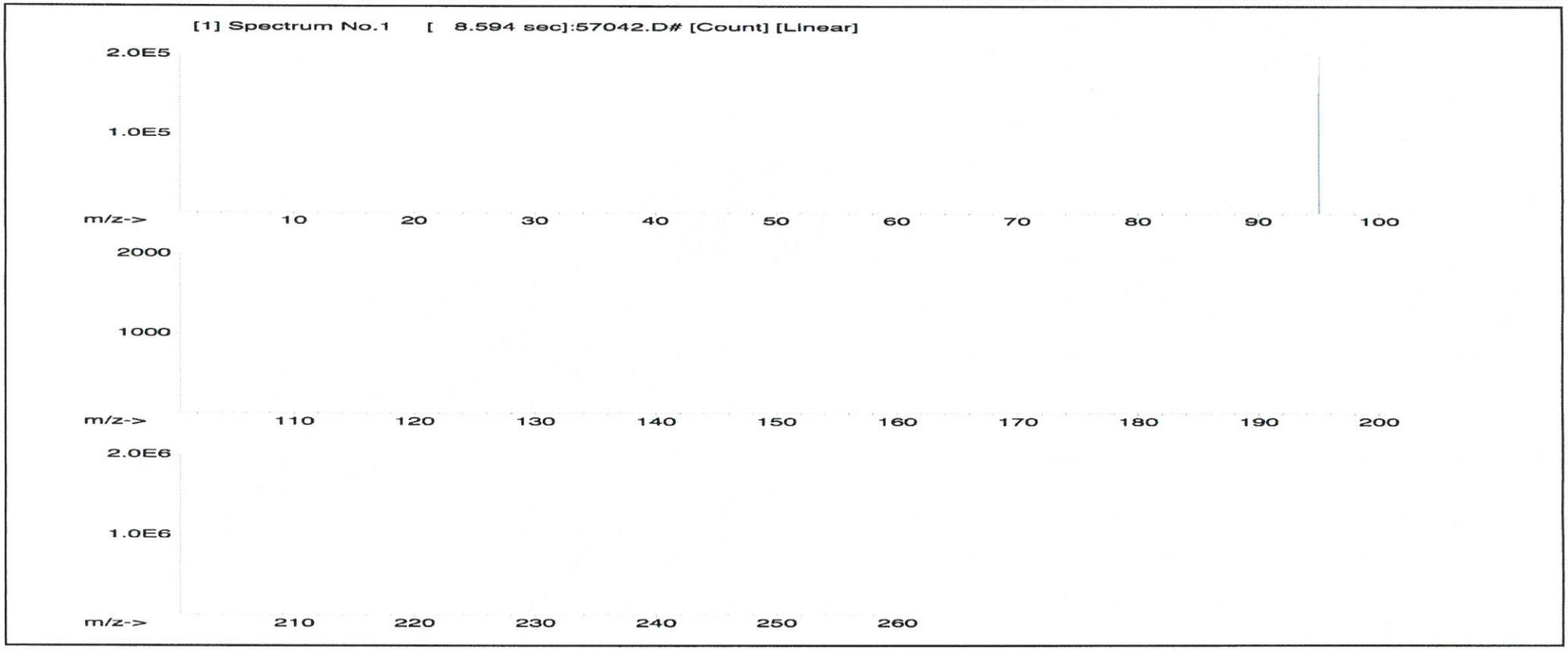
**Part Number:** 57042
**Lot Number:** 051722
**Description:** Molybdenum (Mo)
**Expiration Date:** 051725
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Volume shown below was diluted to (mL):** 3000.41

| Lot # | Solvent: | | |
|---|---|---|---|
| MKBQ8597V | Ammonium hydroxide | | |
| 0.5% | 15.0 (mL) | Ammonium hydroxide | |
| | 5E-05 | Balance Uncertainty | |
| | 0.058 | Flask Uncertainty | |

Formulated By: Lawrence Barry 051722

Reviewed By: Pedro L. Rentas 051722

| | Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Ammonium molybdate (Mo) | 58142 | 022222 | 0.1000 | 300.0 | 0.084 | 1000 | 10001.0 | **1000.0** | **2.1** | 13106-76-8 | 5 mg(Mo)/m3 | orl-rat 333 mg/kg | 3134 |



1827

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | T | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

**Absolute Standards, Inc.**
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***Certified Reference Material CRM***

M5288 R: 07/21/2022

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1828

CERTIFIED WEIGHT REPORT:

**Part Number:** 58119
**Lot Number:** 071122
**Description:** Potassium (K)

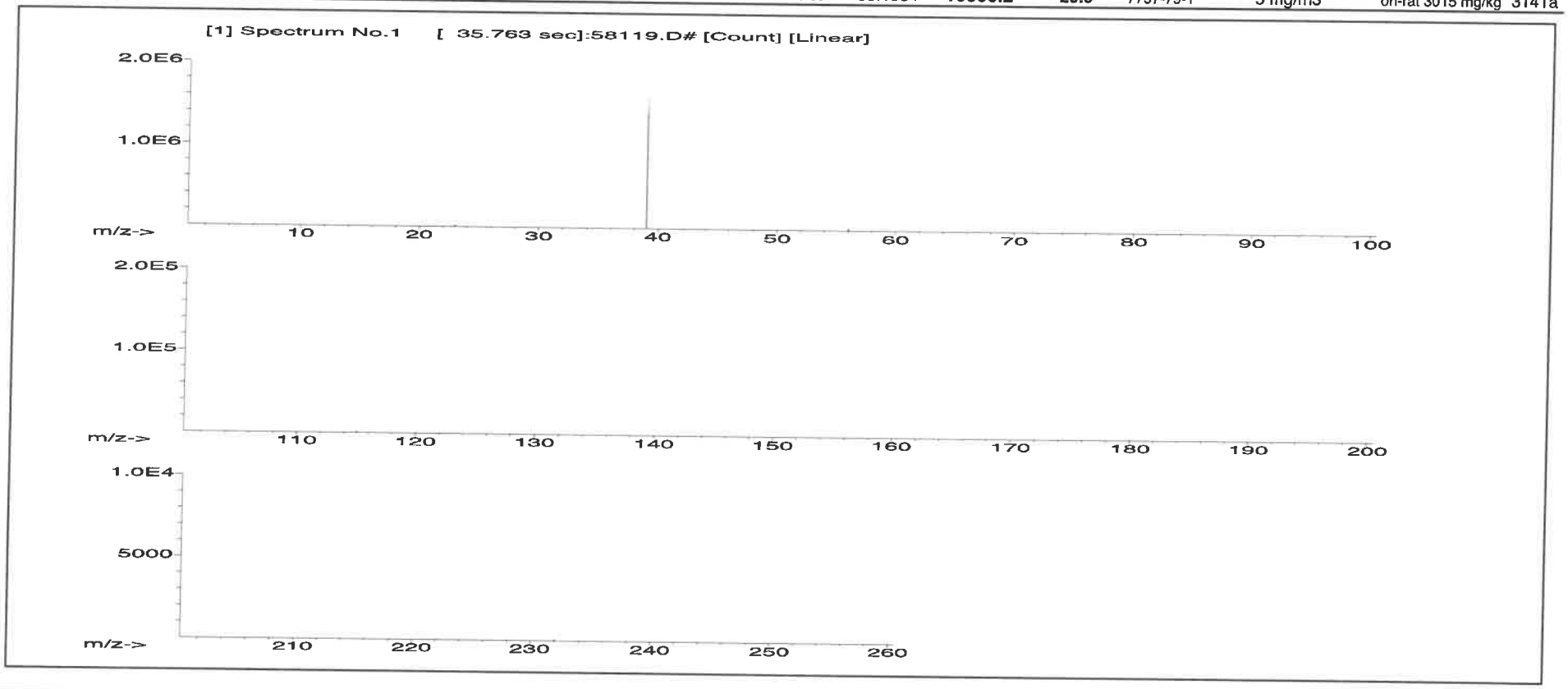
**Expiration Date:** 071125
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02

| | 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).

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

M5289 R: 07/12/22 BH

**Certified Reference Material CRM**

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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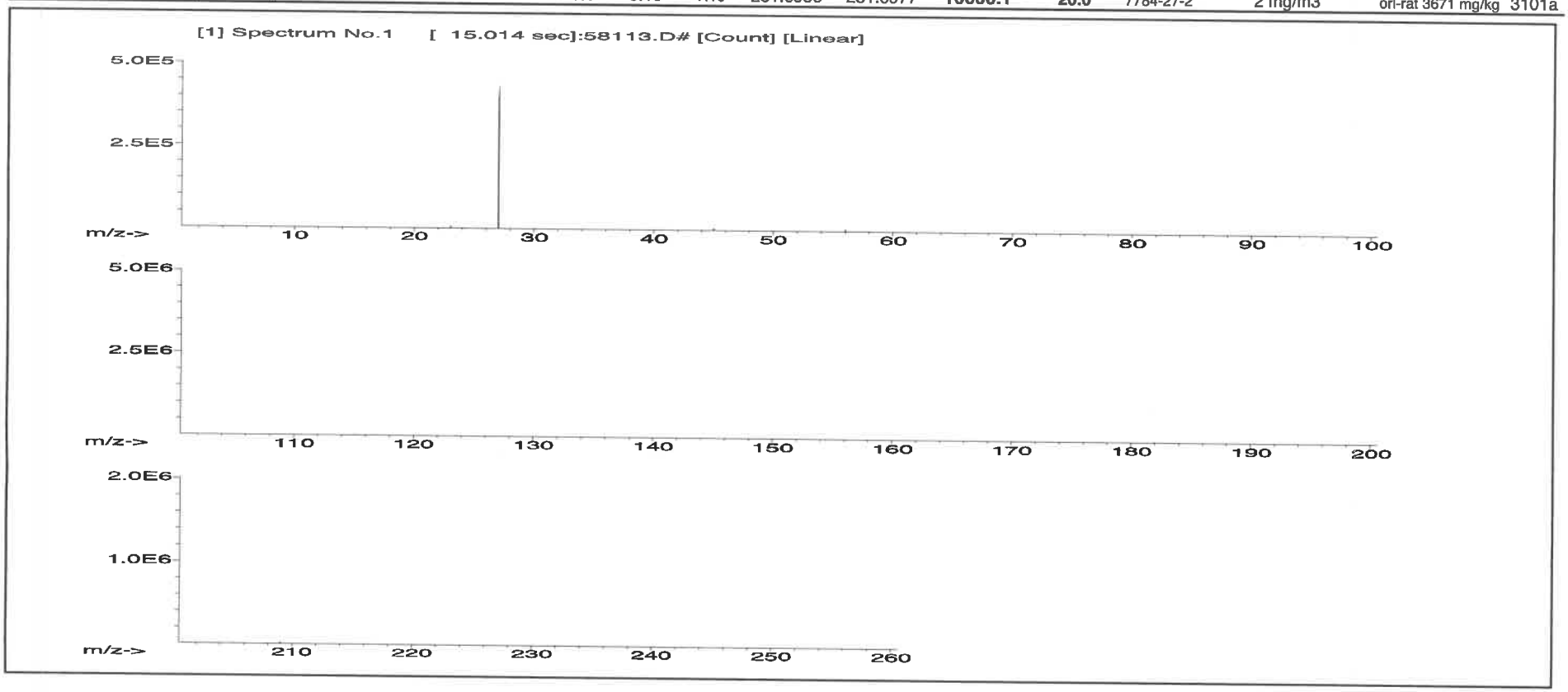
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **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 |



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**Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | T | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

## QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

**NOTE:** These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

***APPLICATION:*** For use with the CLP SFAM01.0 SOW and revisions.

***CAUTION:*** Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
**HAZARDOUS MATERIAL**

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

### (A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

### (B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

**QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY**
**APTIM Federal Services, LLC**
**2700 Chandler Avenue - Building C**
**Las Vegas, NV 89120**

### (C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

**ICV1-1014** For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.



*The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC.*

**ICV1-1014** For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

**ICV5-0415** For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

**ICV6-0400** For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

**NOTE:** USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

## (D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

| ICV1-1014 | | |
|---|---|---|
| **Element** | **Concentration (µg/L) (after 10-fold dilution)** | **Concentration (µg/L) (after 50-fold dilution)** |
| **Al** | 2500 | 500 |
| **Sb** | 1000 | 200 |
| **As** | 1000 | 200 |
| **Ba** | 520 | 100 |
| **Be** | 510 | 100 |
| **Cd** | 510 | 100 |
| **Ca** | 10000 | 2000 |
| **Cr** | 520 | 100 |
| **Co** | 520 | 100 |
| **Cu** | 510 | 100 |
| **Fe** | 10000 | 2000 |
| **Pb** | 1000 | 200 |
| **Mg** | 6000 | 1200 |
| **Mn** | 520 | 100 |
| **Ni** | 530 | 110 |
| **K** | 9900 | 2000 |
| **Se** | 1000 | 200 |
| **Ag** | 250 | 50 |
| **Na** | 10000 | 2000 |
| **Tl** | 1000 | 210 |
| **V** | 500 | 100 |
| **Zn** | 1000 | 200 |

| ICV5-0415 | | ICV6-0400 | |
|---|---|---|---|
| **Element** | **Concentration (µg/L) (after 100-fold dilution)** | **Analyte** | **Concentration (µg/L) (after 100-fold dilution)** |
| **Hg** | 4.0 | **$CN^-$** | 99 |

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | 6020CAL-1 |
| Lot Number: | S2-MEB711244 |
| Matrix: | 5% (v/v) HNO3<br>tr. HF |
| Value / Analyte(s): | 20 µg/mL ea: |

| | |
|---|---|
| Silver, | Aluminum, |
| Arsenic, | Barium, |
| Beryllium, | Calcium, |
| Cadmium, | Cobalt, |
| Chromium, | Copper, |
| Iron, | Potassium, |
| Magnesium, | Manganese, |
| Sodium, | Nickel, |
| Lead, | Antimony, |
| Selenium, | Thallium, |
| Vanadium, | Zinc |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| **Aluminum, Al** | **20.01 ± 0.08 µg/mL** | **Antimony, Sb** | **20.01 ± 0.12 µg/mL** |
| **Arsenic, As** | **20.01 ± 0.18 µg/mL** | **Barium, Ba** | **20.01 ± 0.11 µg/mL** |
| **Beryllium, Be** | **20.01 ± 0.14 µg/mL** | **Cadmium, Cd** | **20.01 ± 0.11 µg/mL** |
| **Calcium, Ca** | **20.01 ± 0.10 µg/mL** | **Chromium, Cr** | **20.01 ± 0.16 µg/mL** |
| **Cobalt, Co** | **20.01 ± 0.11 µg/mL** | **Copper, Cu** | **20.01 ± 0.10 µg/mL** |
| **Iron, Fe** | **20.01 ± 0.09 µg/mL** | **Lead, Pb** | **20.01 ± 0.11 µg/mL** |
| **Magnesium, Mg** | **19.99 ± 0.10 µg/mL** | **Manganese, Mn** | **20.01 ± 0.10 µg/mL** |
| **Nickel, Ni** | **20.01 ± 0.11 µg/mL** | **Potassium, K** | **20.01 ± 0.10 µg/mL** |
| **Selenium, Se** | **20.02 ± 0.14 µg/mL** | **Silver, Ag** | **20.02 ± 0.09 µg/mL** |
| **Sodium, Na** | **20.01 ± 0.10 µg/mL** | **Thallium, Tl** | **20.01 ± 0.13 µg/mL** |
| **Vanadium, V** | **20.01 ± 0.11 µg/mL** | **Zinc, Zn** | **20.01 ± 0.11 µg/mL** |



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**Density:** 1.026 g/mL (measured at 20 ± 4 ºC)

## Assay Information:

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Ag | ICP Assay | 3151 | 160729 |
| Ag | Volhard | 999c | 999c |
| Al | ICP Assay | 3101a | 140903 |
| Al | EDTA | 928 | 928 |
| As | ICP Assay | 3103a | 100818 |
| Ba | ICP Assay | 3104a | 140909 |
| Ba | Gravimetric | | See Sec. 4.2 |
| Be | ICP Assay | 3105a | 090514 |
| Ca | ICP Assay | 3109a | 130213 |
| Ca | EDTA | 928 | 928 |
| Cd | ICP Assay | 3108 | 130116 |
| Cd | EDTA | 928 | 928 |
| Co | ICP Assay | 3113 | 190630 |
| Co | EDTA | 928 | 928 |
| Cr | ICP Assay | 3112a | 170630 |
| Cu | ICP Assay | 3114 | 121207 |
| Cu | EDTA | 928 | 928 |
| Fe | ICP Assay | 3126a | 140812 |
| Fe | EDTA | 928 | 928 |
| Fe | Calculated | | See Sec. 4.2 |
| K | ICP Assay | 3141a | 140813 |
| K | Gravimetric | | See Sec. 4.2 |
| Mg | ICP Assay | 3131a | 140110 |
| Mg | EDTA | 928 | 928 |
| Mn | ICP Assay | 3132 | 050429 |
| Mn | EDTA | 928 | 928 |
| Na | ICP Assay | 3152a | 120715 |
| Na | Gravimetric | | See Sec. 4.2 |
| Ni | ICP Assay | 3136 | 120619 |
| Ni | EDTA | 928 | 928 |
| Pb | ICP Assay | 3128 | 101026 |
| Pb | EDTA | 928 | 928 |
| Se | ICP Assay | 3149 | 100901 |
| Se | Calculated | | See Sec. 4.2 |
| Tl | ICP Assay | 3158 | 151215 |
| Tl | Calculated | | See Sec. 4.2 |
| V | ICP Assay | 3165 | 160906 |
| V | EDTA | 928 | 928 |
| Zn | ICP Assay | 3168a | 120629 |
| Zn | EDTA | 928 | 928 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

**Characterization of CRM/RM by Two or More Methods**

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Characterization of CRM/RM by One Method**

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**HF Note:** This standard should not be prepared or stored in glass.

**Low Silver Note:** This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

### 11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

### 11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

### 11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Michael Booth
Director, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

*Certified Reference Material CRM*

M5387 . M5389 . M5390 . M5391 . M5392

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1838

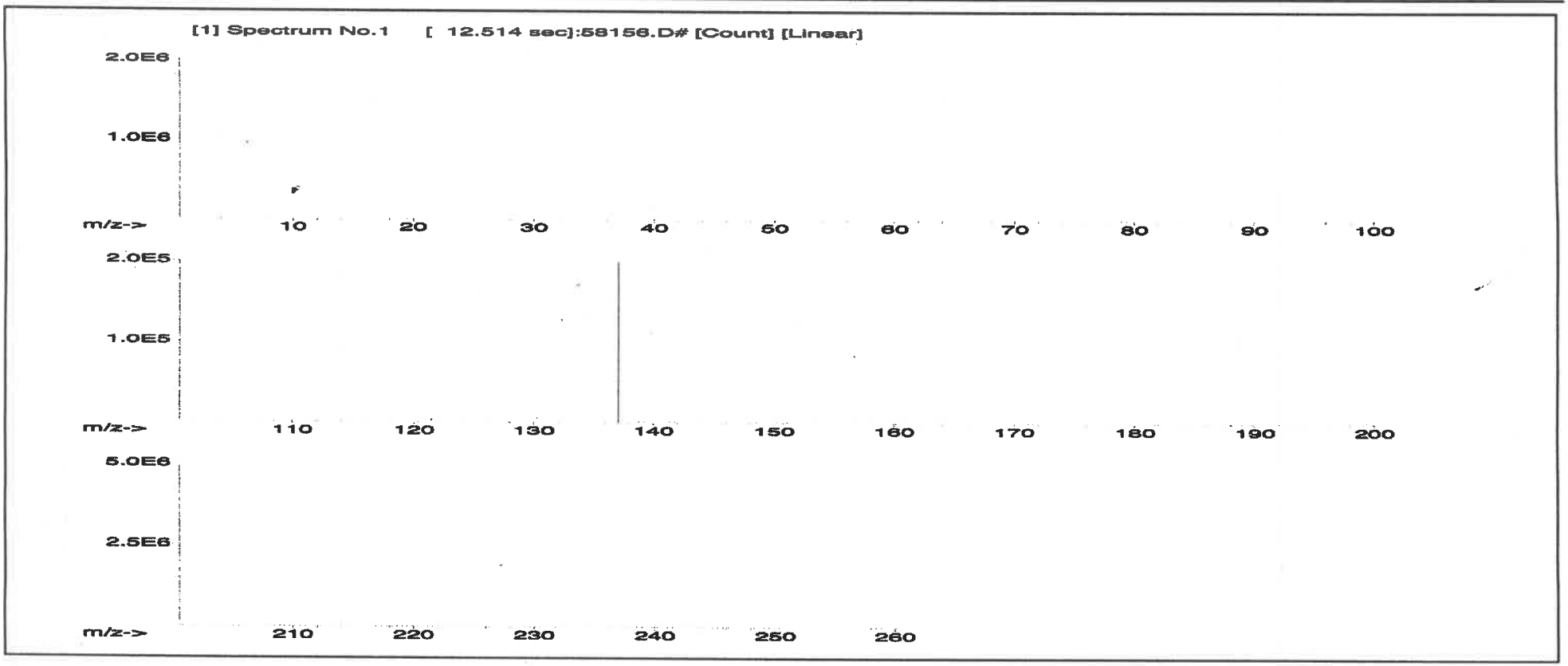
## CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **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).

T1339

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M5497 - M5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

**Part Number:** 58120
**Lot Number:** 031523
**Description:** Calcium (Ca)

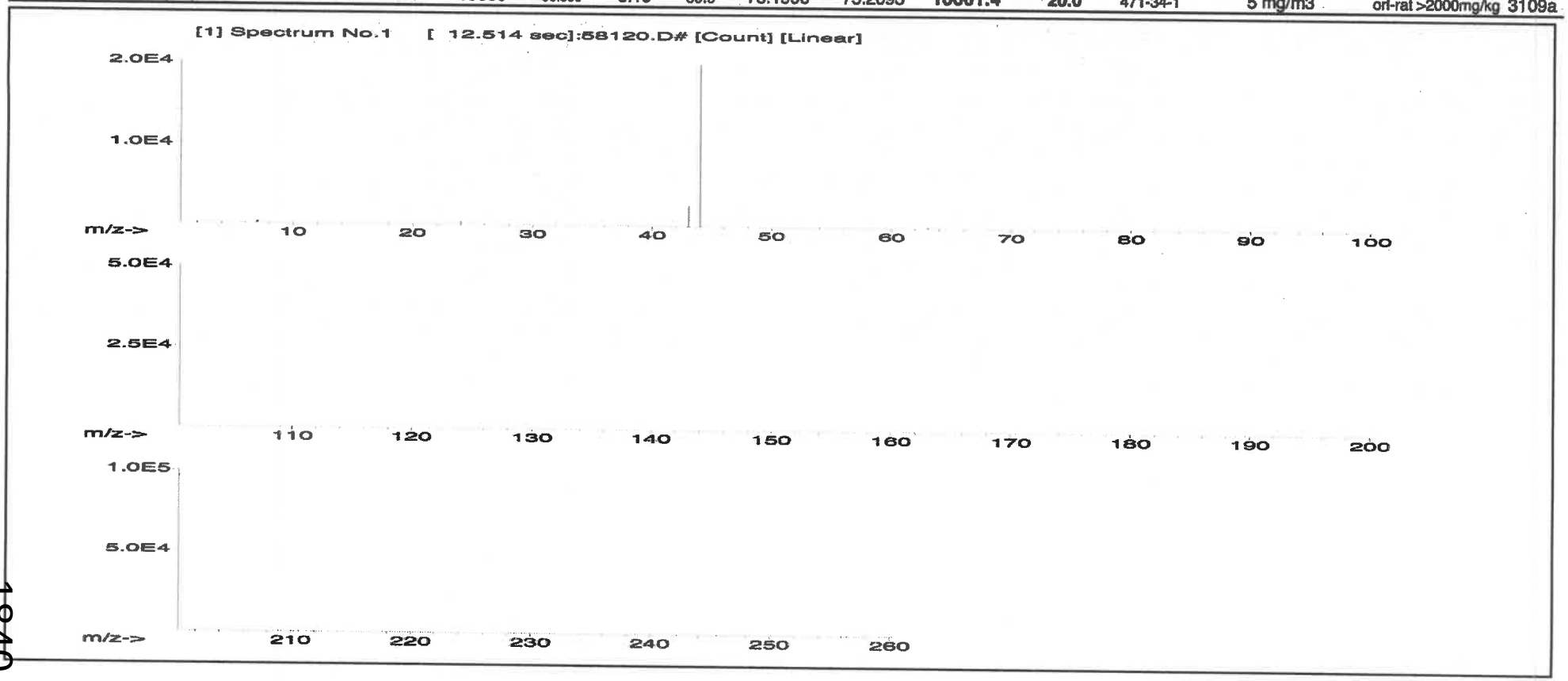
**Expiration Date:** 031526
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 3000.41

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 21110221 | Nitric Acid | |
| 2% | 60.0 (mL) | Nitric Acid | |
| | 5E-05 | Balance Uncertainty | |
| | 0.058 | Flask 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 |




1840

**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).

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CERTIFIED WEIGHT REPORT:

**Part Number:** 58120
**Lot Number:** 031523
**Description:** Calcium (Ca)

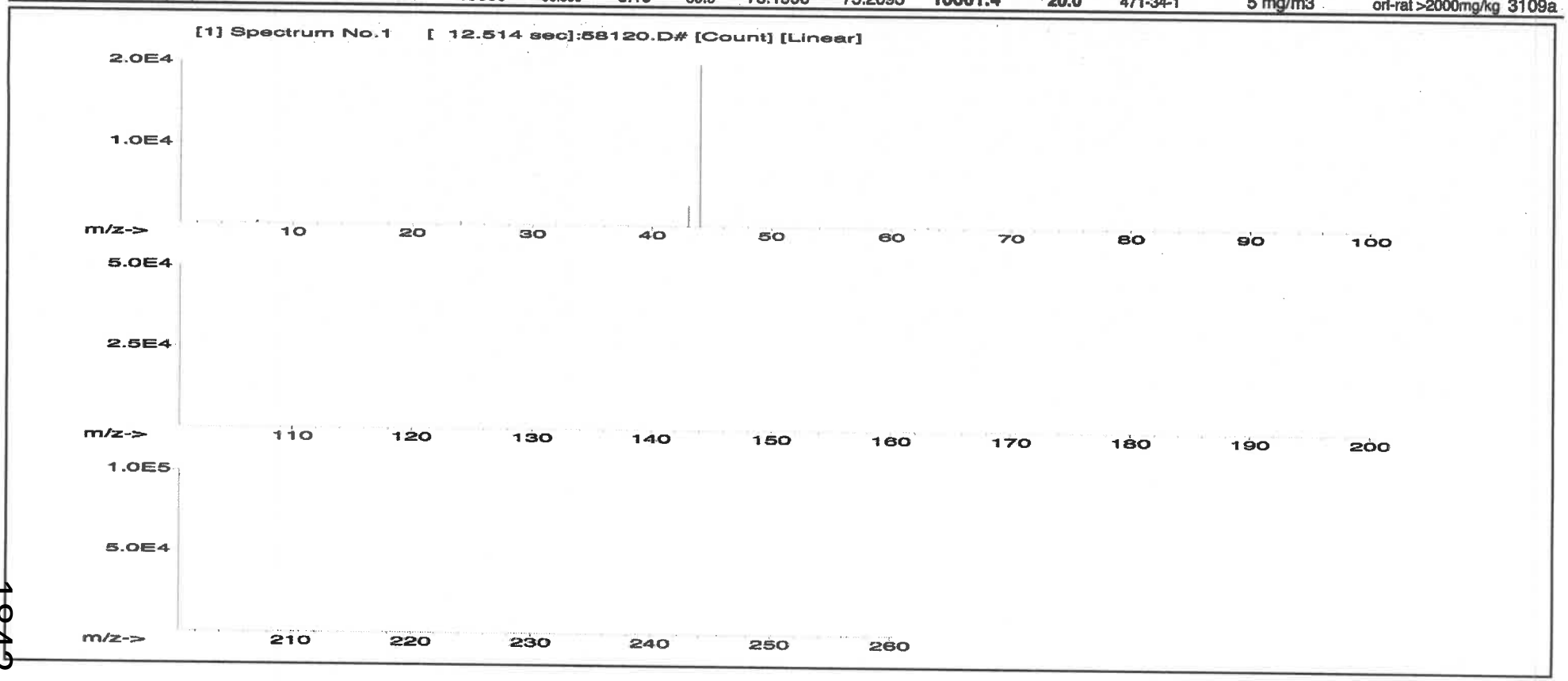
**Expiration Date:** 031526
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 3000.41

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 21110221 | Nitric Acid | |
| 2% | 60.0 (mL) | Nitric Acid | |
| | 5E-05 | Balance Uncertainty | |
| | 0.058 | Flask 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 |




1842

**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).

T8443

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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

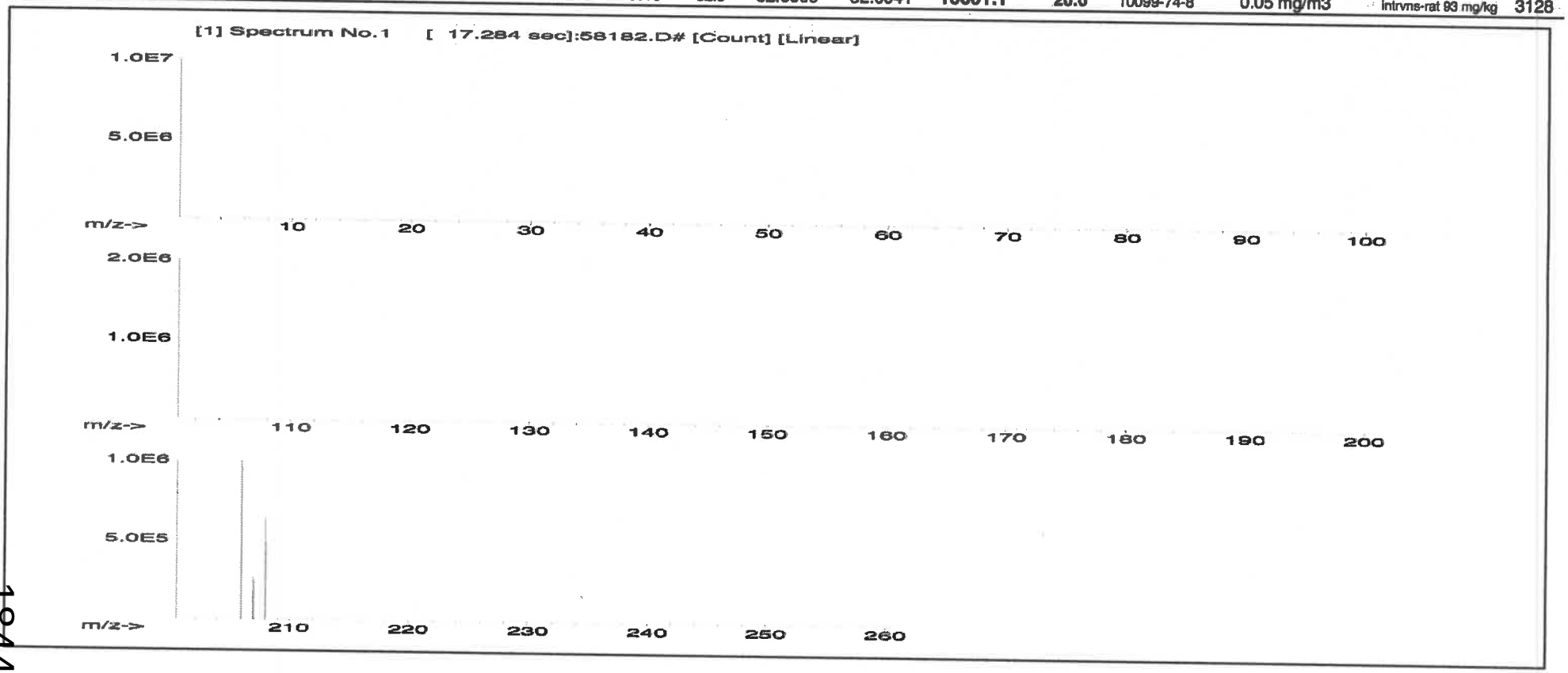
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

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 |




1844

**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.
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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).

T1845

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1846

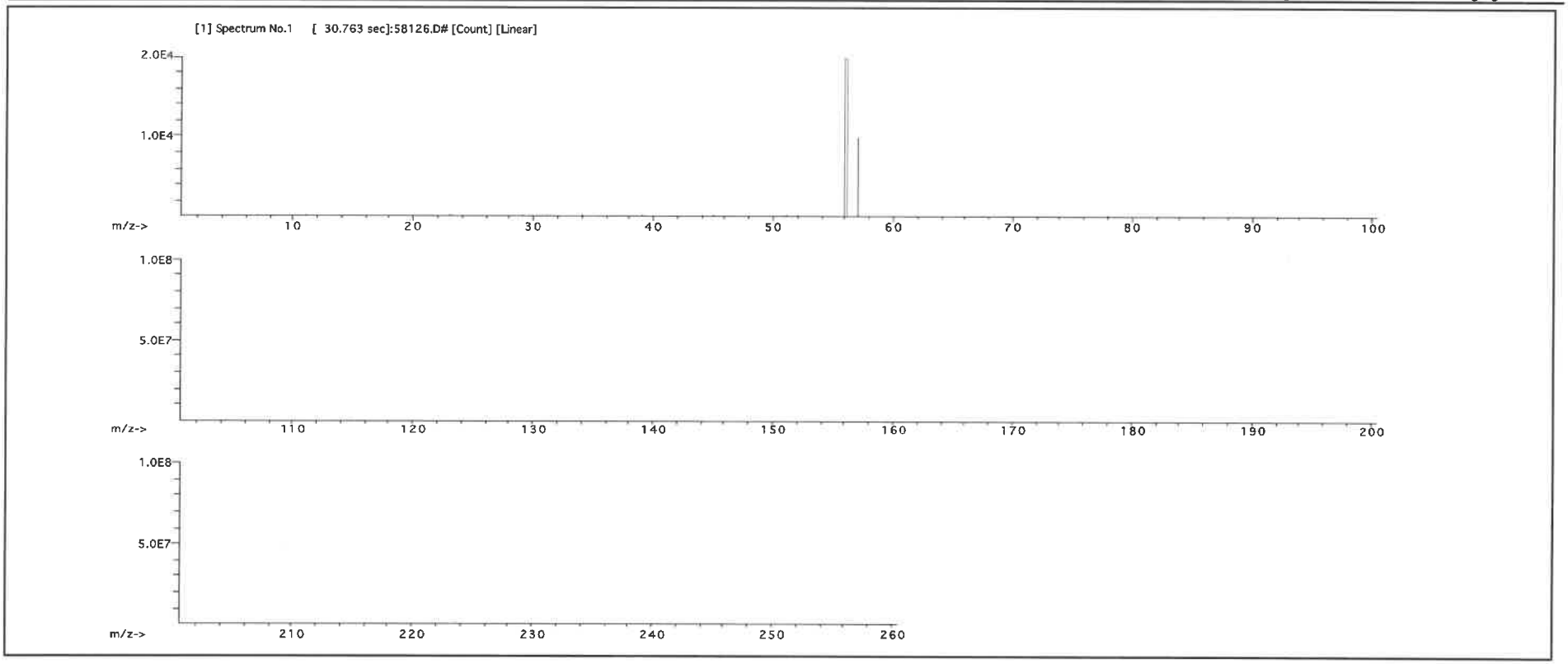
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **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:**

**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).

1847

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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)

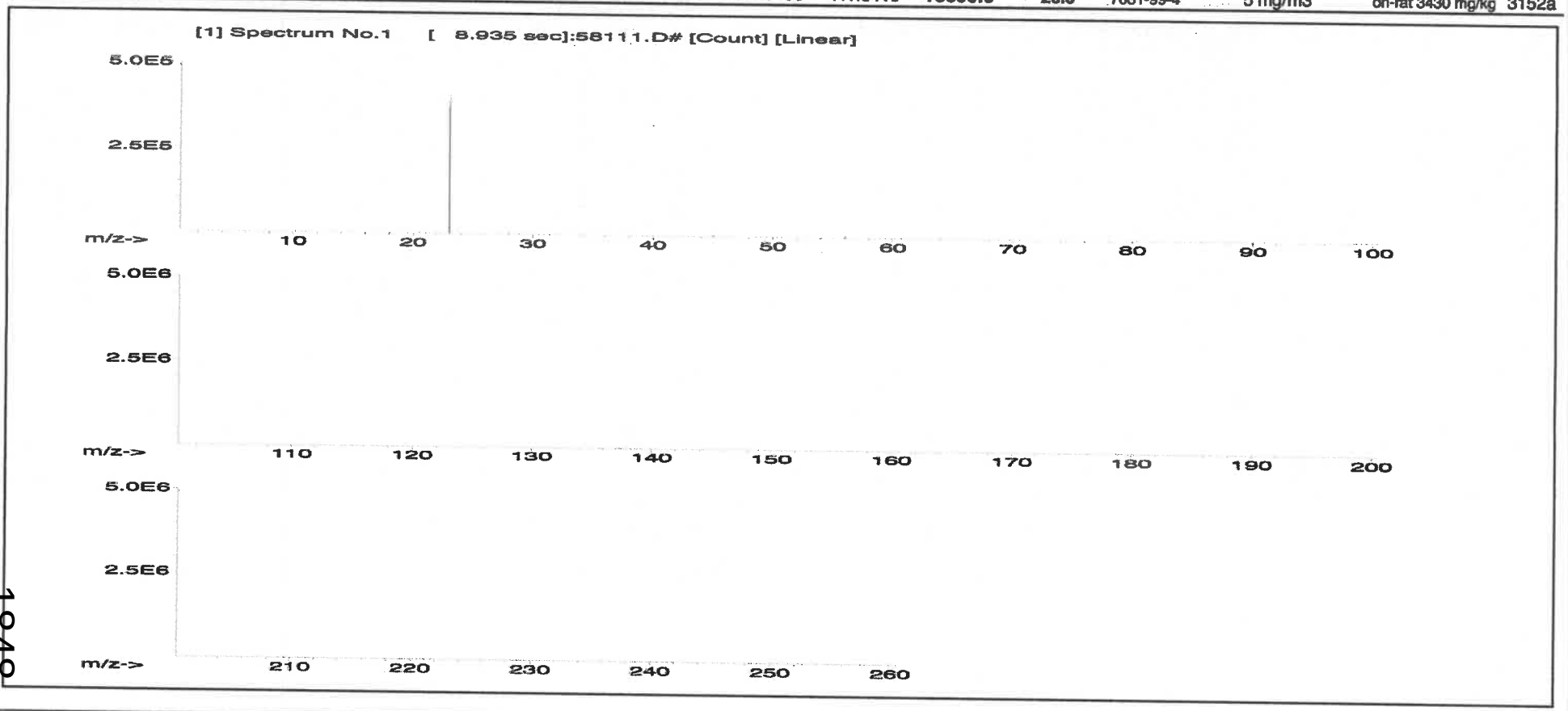
**Expiration Date:** 022126
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 3000.41 0.06 Flask Uncertainty

| | 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 |




1848

**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).
* 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).

1849

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1850

## CERTIFIED WEIGHT REPORT:

**Part Number:** 58119
**Lot Number:** 120822
**Description:** Potassium (K)

**Expiration Date:** 120825
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB

**Weight shown below was diluted to (mL):** 3000.4 ± 0.06 Flask Uncertainty

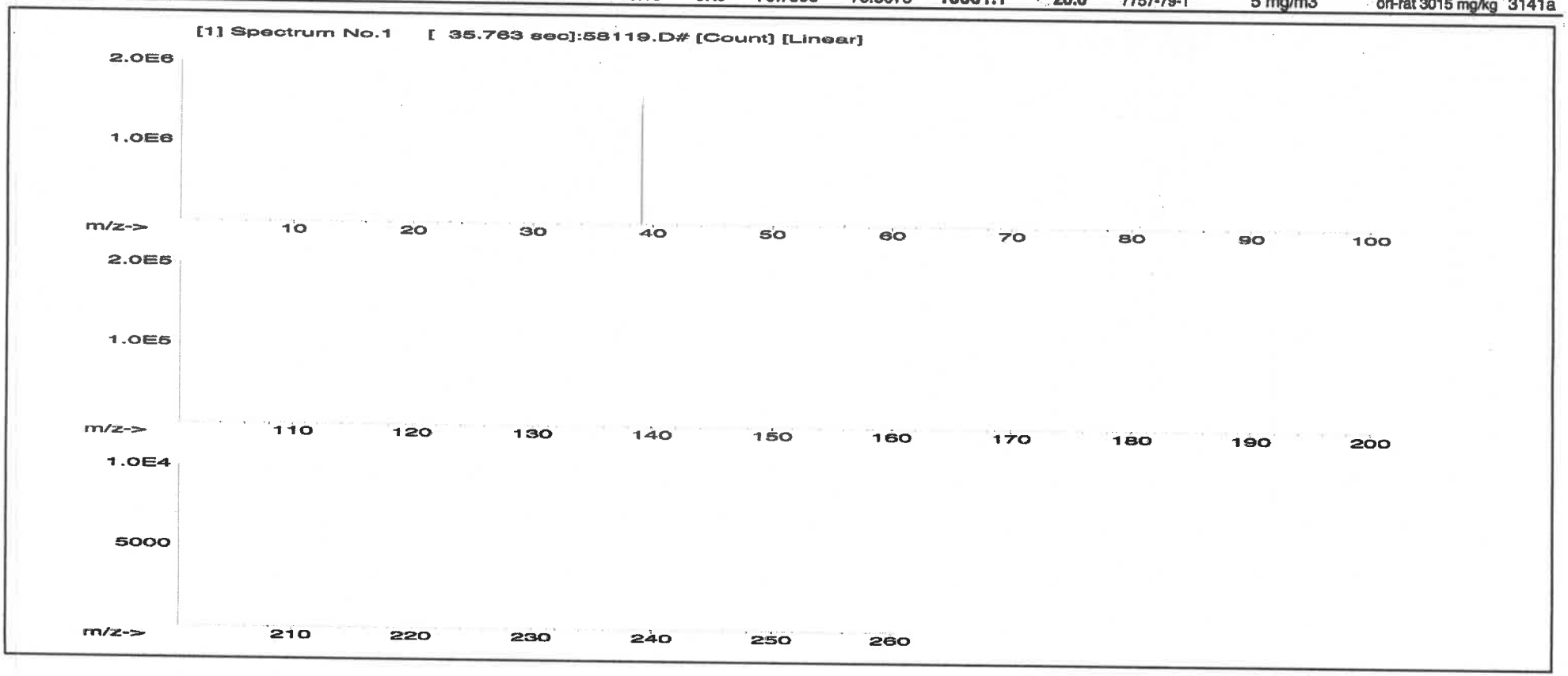
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 20510011 | Nitric Acid | |
| 2% | 60.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 120822 |
| Reviewed By: | Pedro L. Rentas | 120822 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Potassium nitrate (K) | IN034 | KD022021A1 | 10000 | 99.999 | 0.10 | 37.6 | 79.7990 | 79.8075 | **10001.1** | **20.0** | 7757-79-1 | 5 mg/m3 | orl-rat 3015 mg/kg | 3141a |



1851

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

## Trace Metals Verification by ICP-MS (µg/mL)

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | T | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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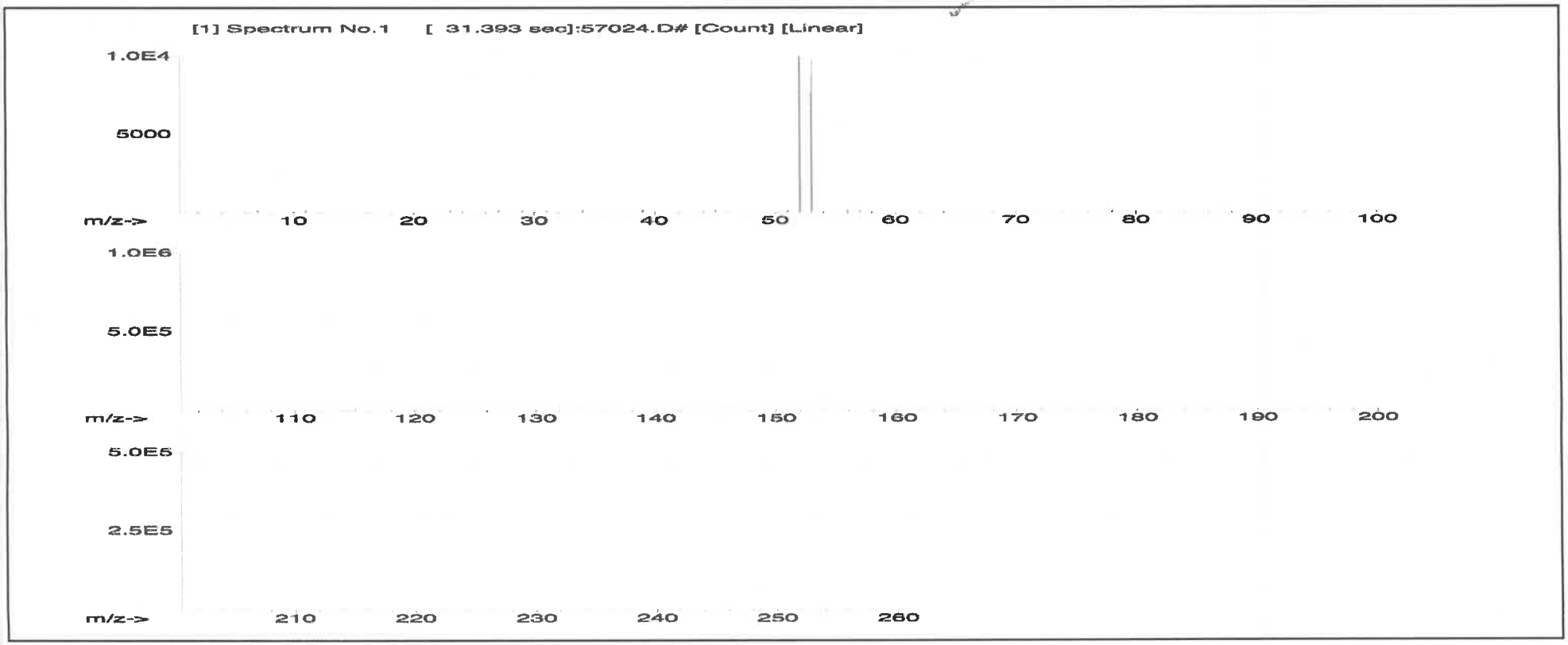
1852

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 |



1853

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | T | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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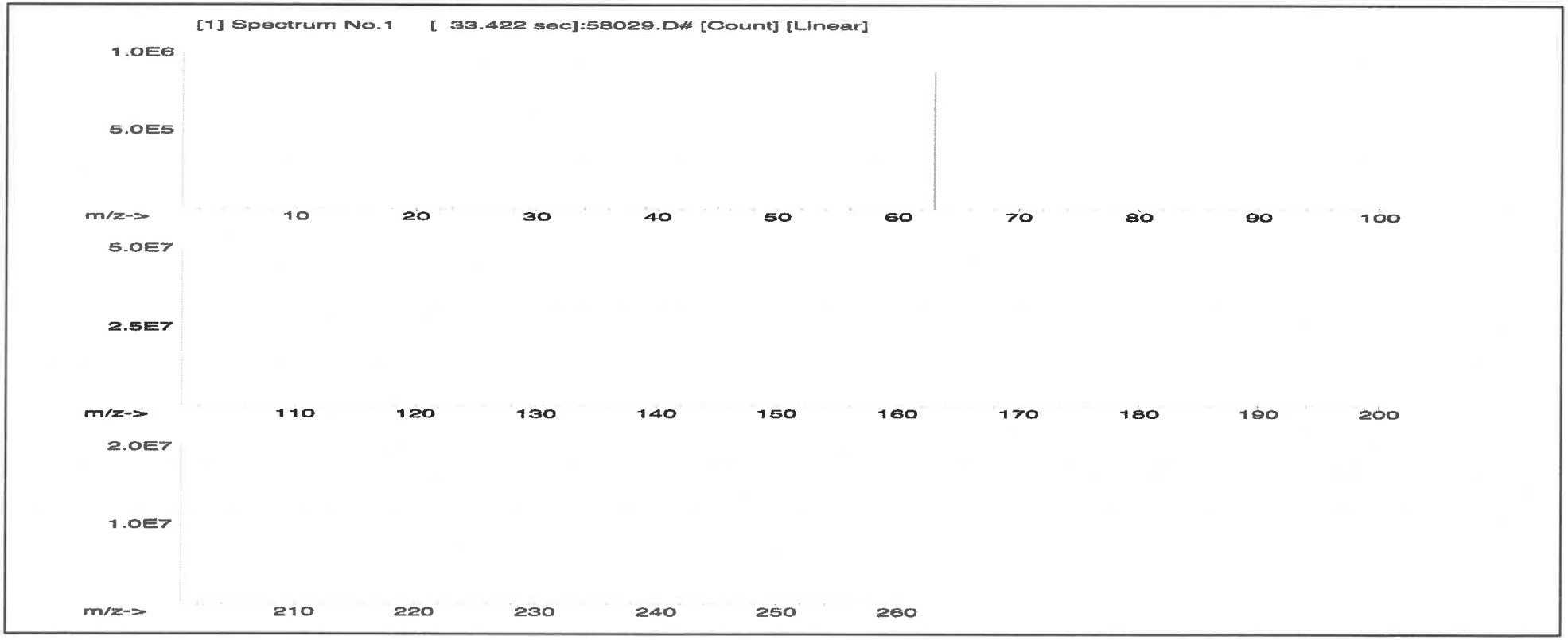
1854

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **58029** | 24002546 | Nitric Acid | |
| **Lot Number:** | **102523** | | | |
| **Description:** | **Copper (Cu)** | | | |
| | | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 102526 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 102523 |
| Reviewed By: | Pedro L. Rentas | 102523 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Copper(II) nitrate trihydrate (Cu) | 58129 | 100223 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.1 | **1000.0** | **2.2** | 10031-43-3 | 1 mg/m3 | orl-rat 794 mg/kg | 3114 |



1855

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | T | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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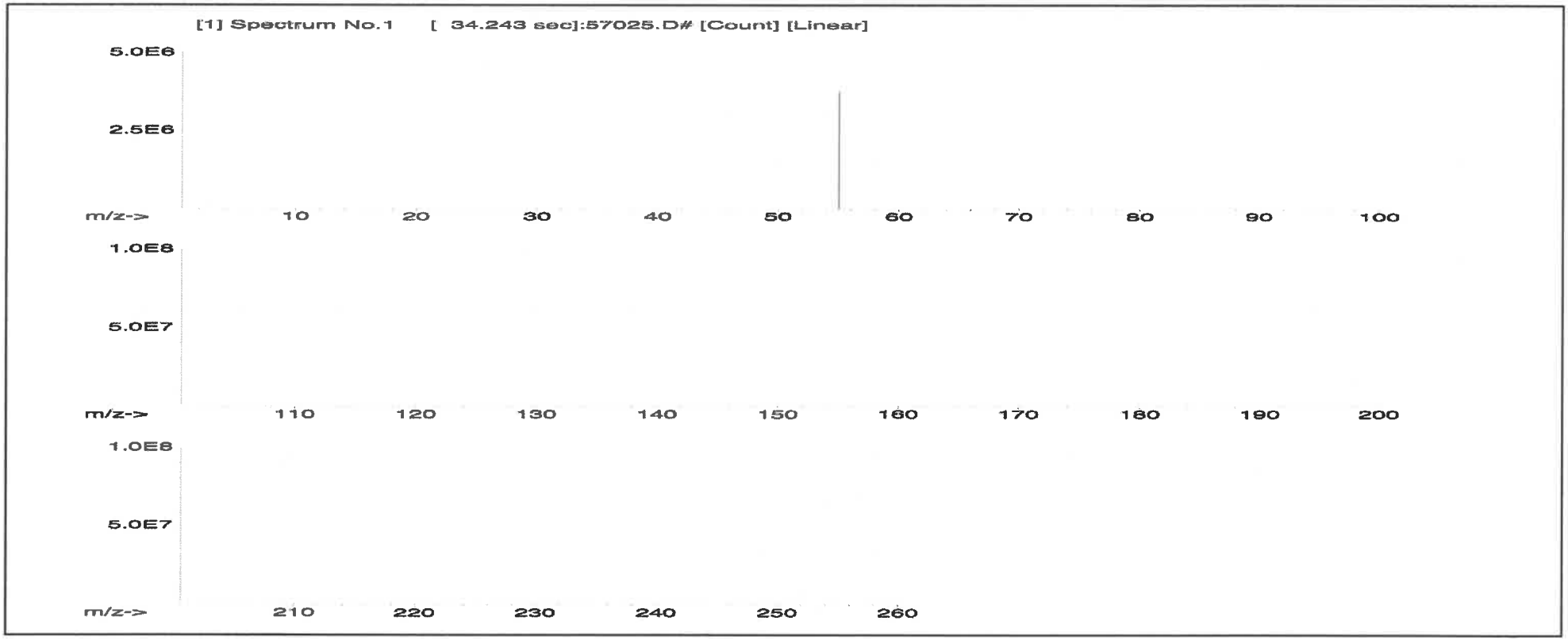
1856

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 |



**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:**

**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 balances that are calibrated with weights traceable to NIST (see above).
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
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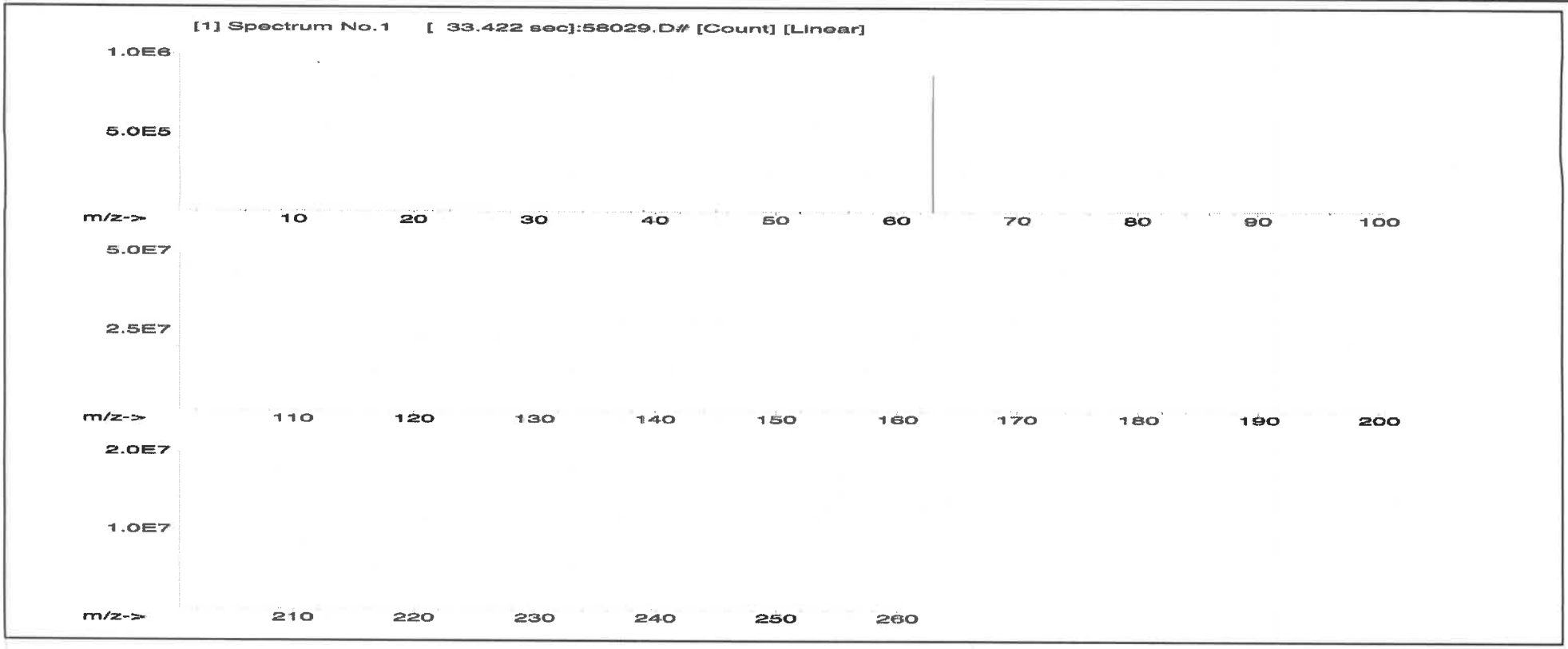
1858

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 |



18560

**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).
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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1860

## 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 | |

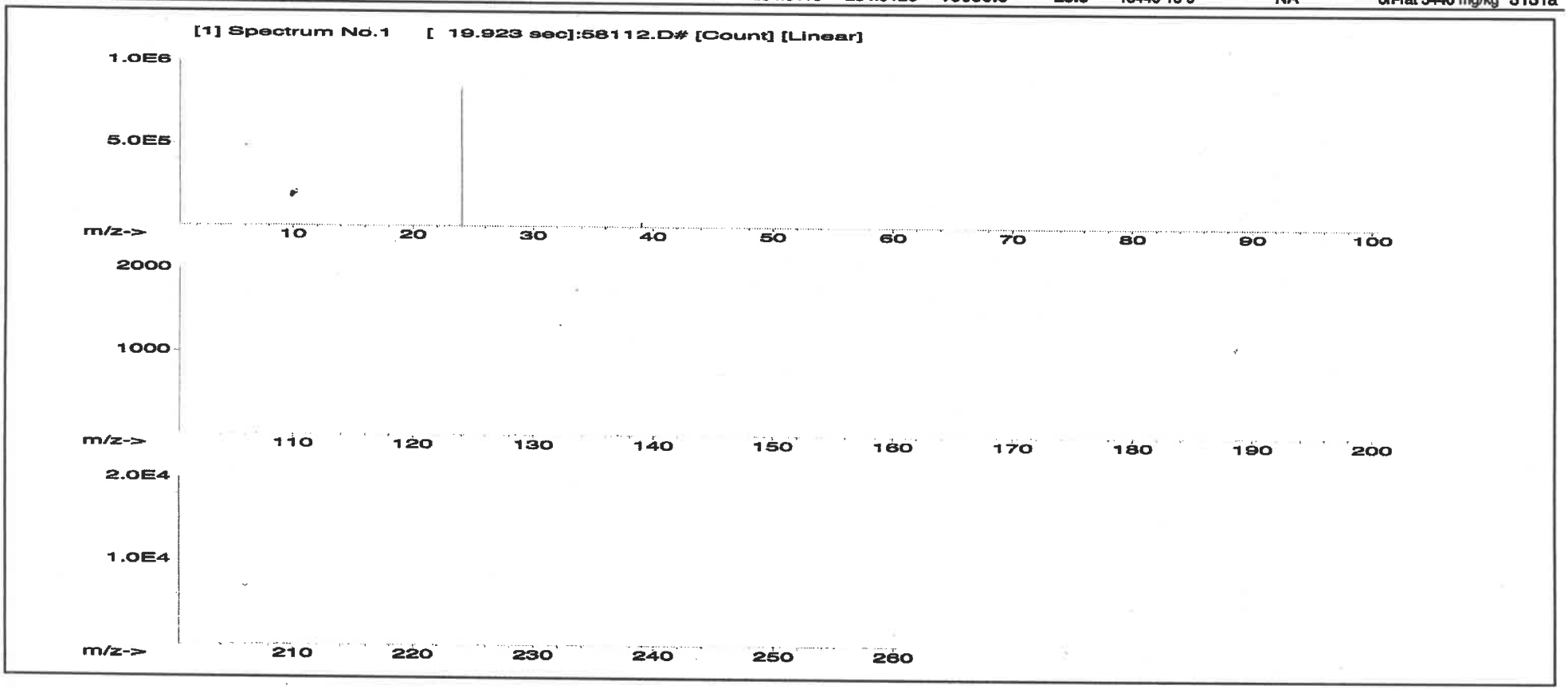
5E-05 Balance Uncertainty

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 |



**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.
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M5768 M5769 (BP) R:1/3/24

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1862

## CERTIFIED WEIGHT REPORT:

**Part Number:** 58112
**Lot Number:** 091823
**Description:** Magnesium (Mg)

**Expiration Date:** 091826
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB

**Weight shown below was diluted to (mL):** 2000.02 0.058 Flask Uncertainty

| | | Lot # | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| | 2% | 40.0 (mL) | Nitric Acid |

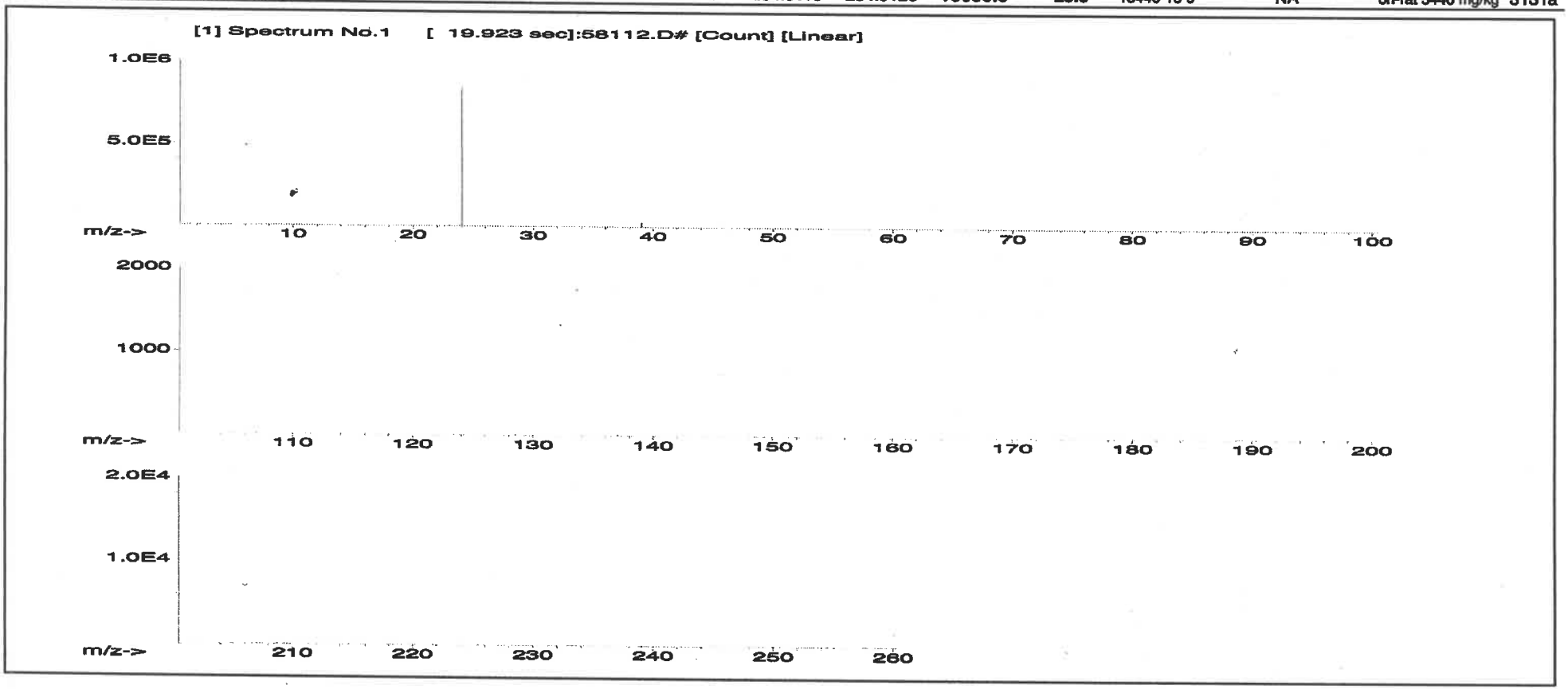
5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Magnesium nitrate hexahydrate (Mg) | IN030 | MGD052023A1 | 10000 | 99.999 | 0.10 | 8.51 | 234.9118 | 234.9126 | **10000.0** | **20.0** | 13446-18-9 | NA | ori-rat 5440 mg/kg | 3131a |



**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | T | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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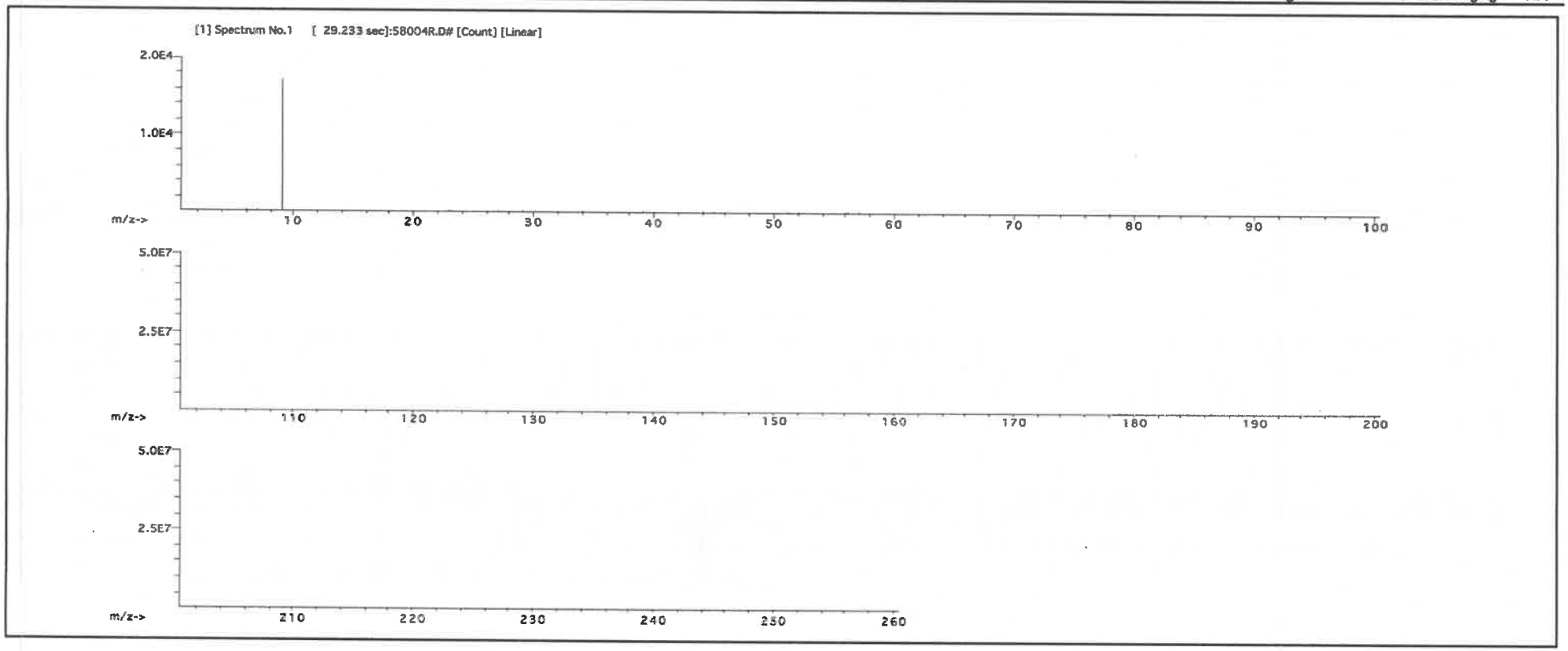
1864

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.

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1865

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1866

**CERTIFIED WEIGHT REPORT:**

**Part Number:** 57050
**Lot Number:** 071123
**Description:** Tin (Sn)

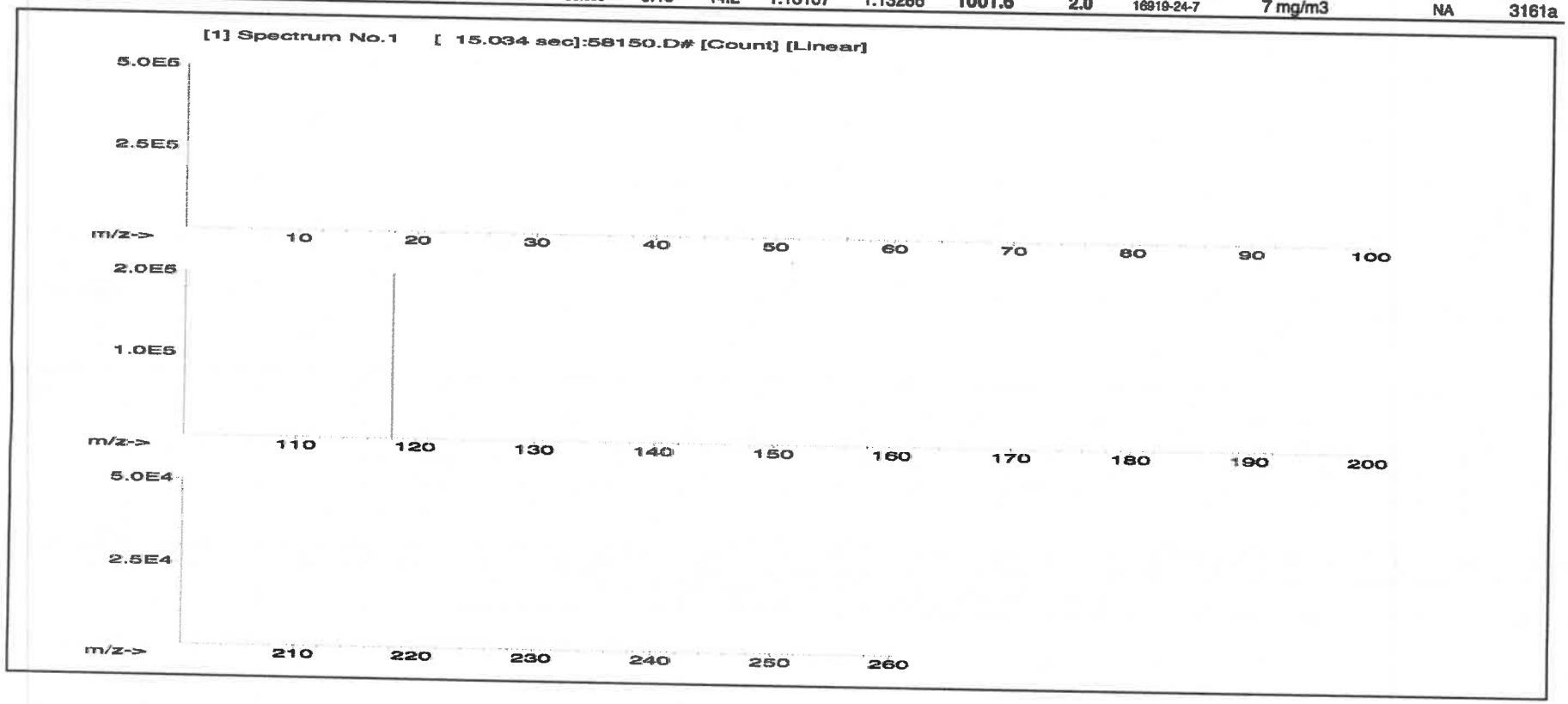
**Expiration Date:** 071126
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 499.93

| | 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 |



1867

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <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:

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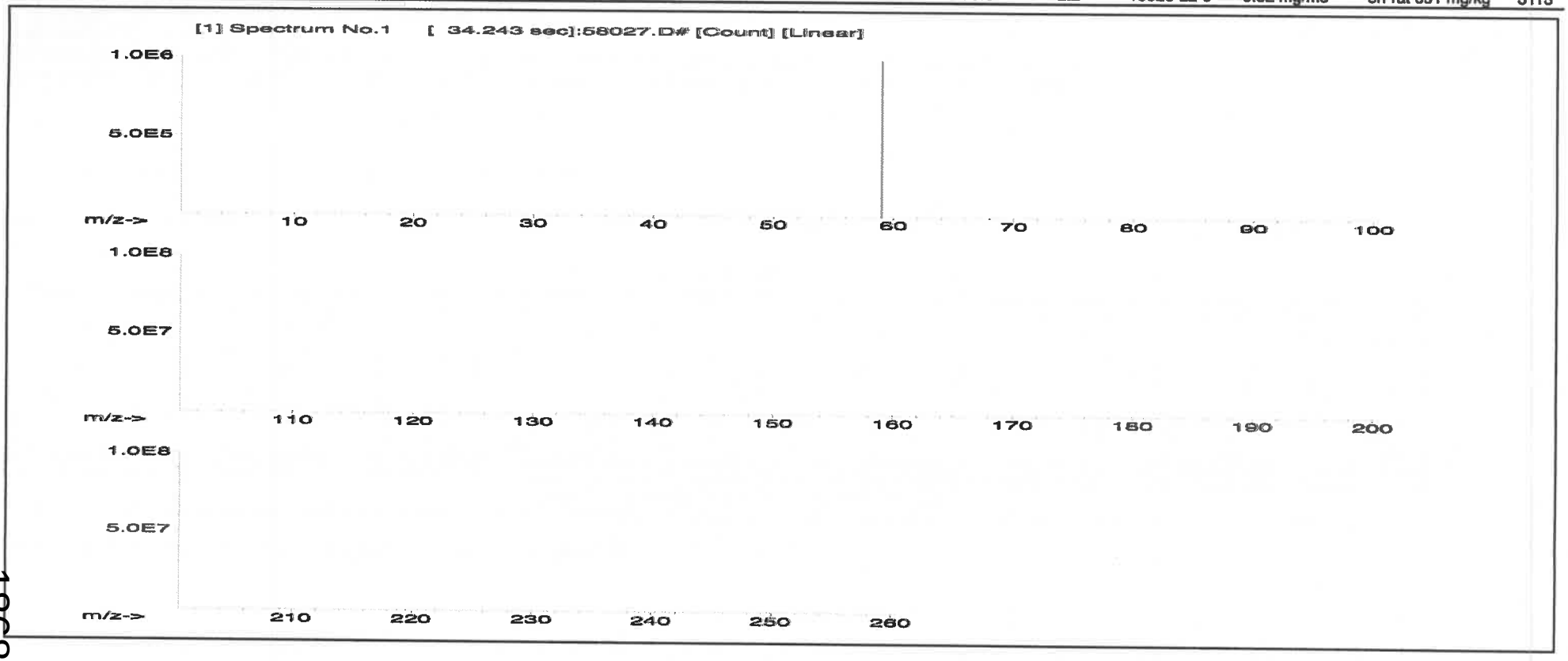
CERTIFIED WEIGHT REPORT:

| | | 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 |




1868

**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.

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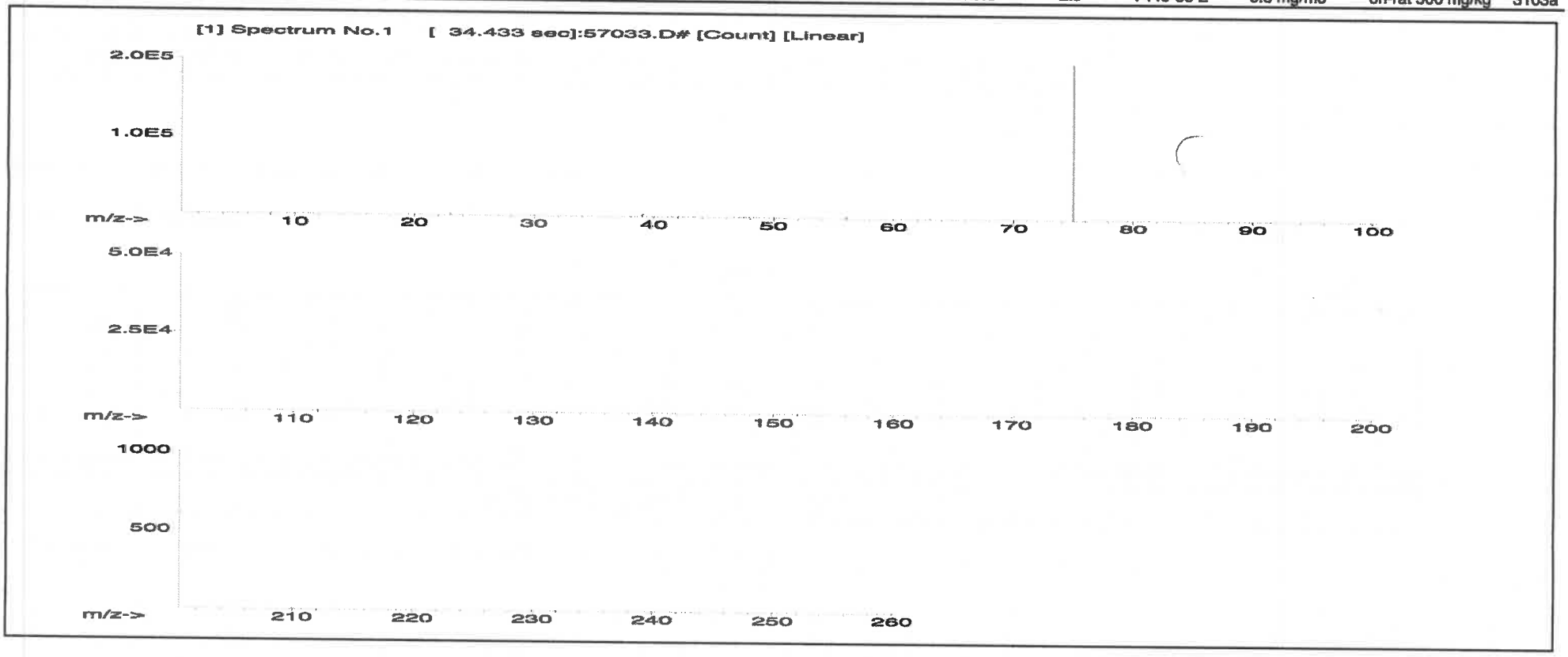
1870

CERTIFIED **WEIGHT** REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57033** | 24002546 | Nitric Acid | | |
| **Lot Number:** | **111323** | | | | |
| **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 |



18711

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | T | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge* | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* 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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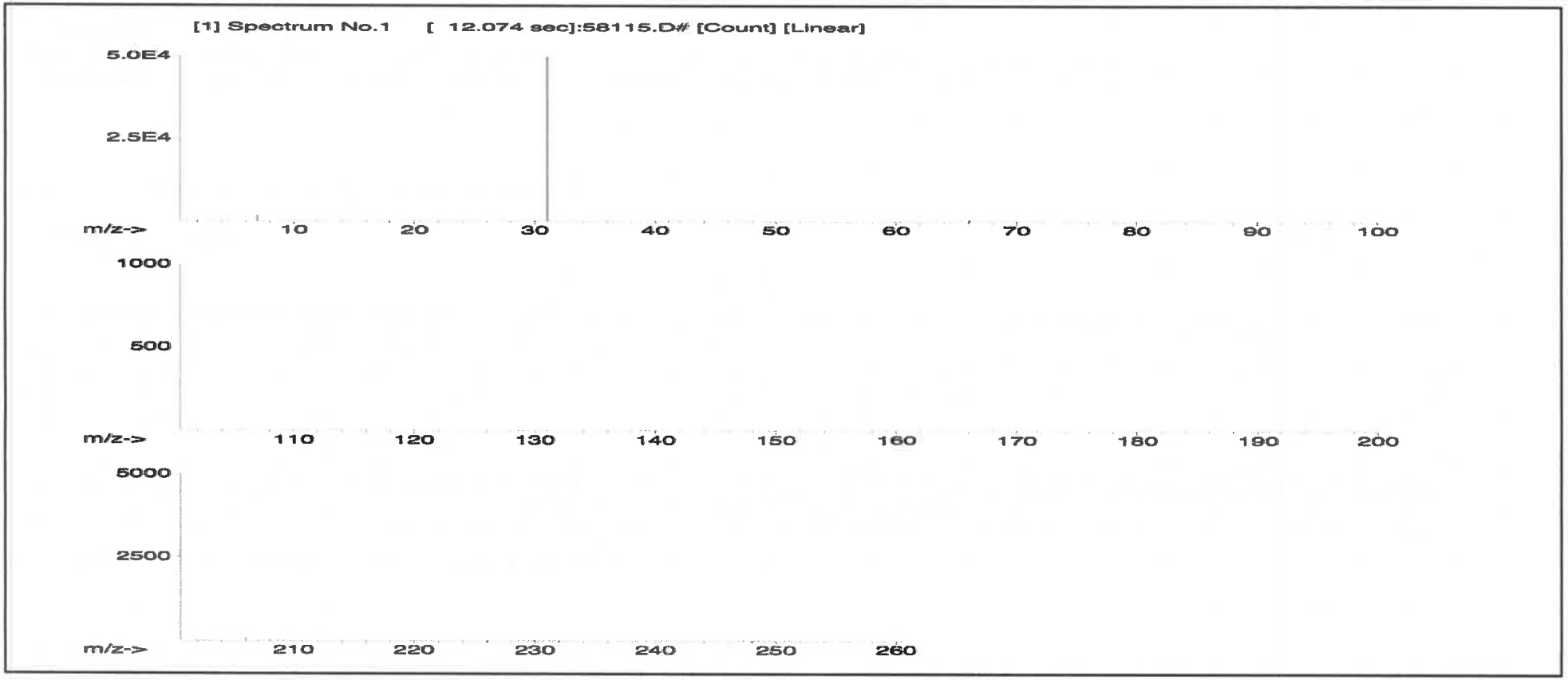
1872

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 |



18723

**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).
* 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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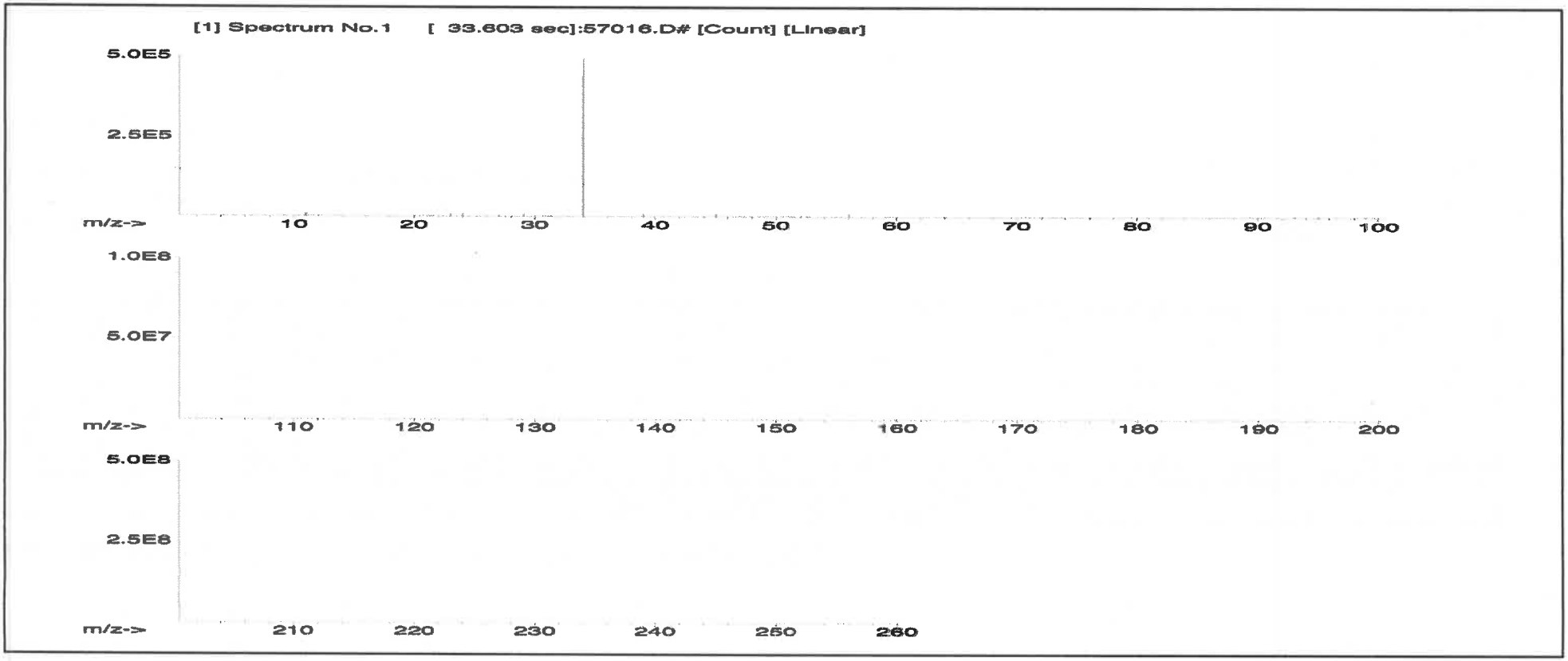
1874

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 |



1875

**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:**

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.
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1876

CERTIFIED WEIGHT REPORT:

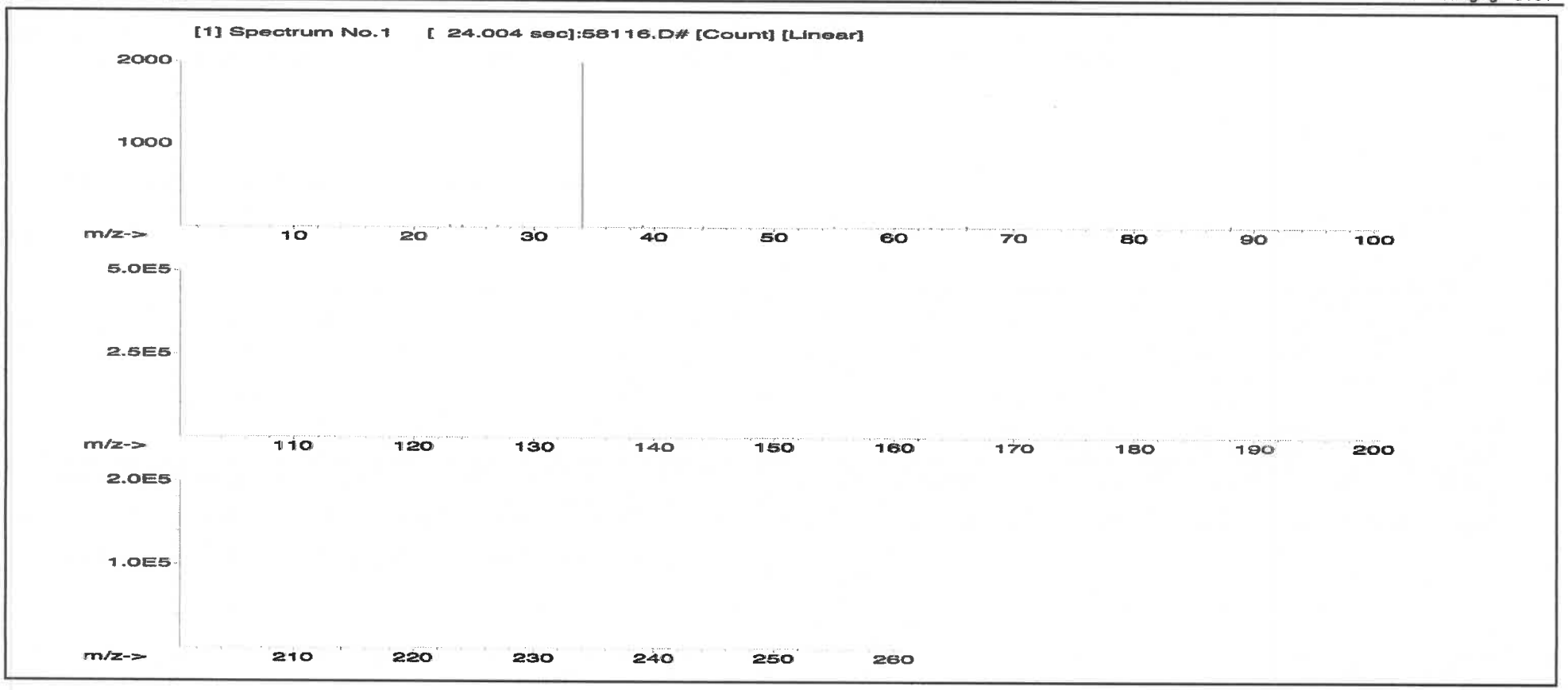
**Part Number:** 57116
**Lot Number:** 071123
**Description:** Sulfur (S)

**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 |



187

**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.
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1878

## 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

Lot #

**Solvent:** 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

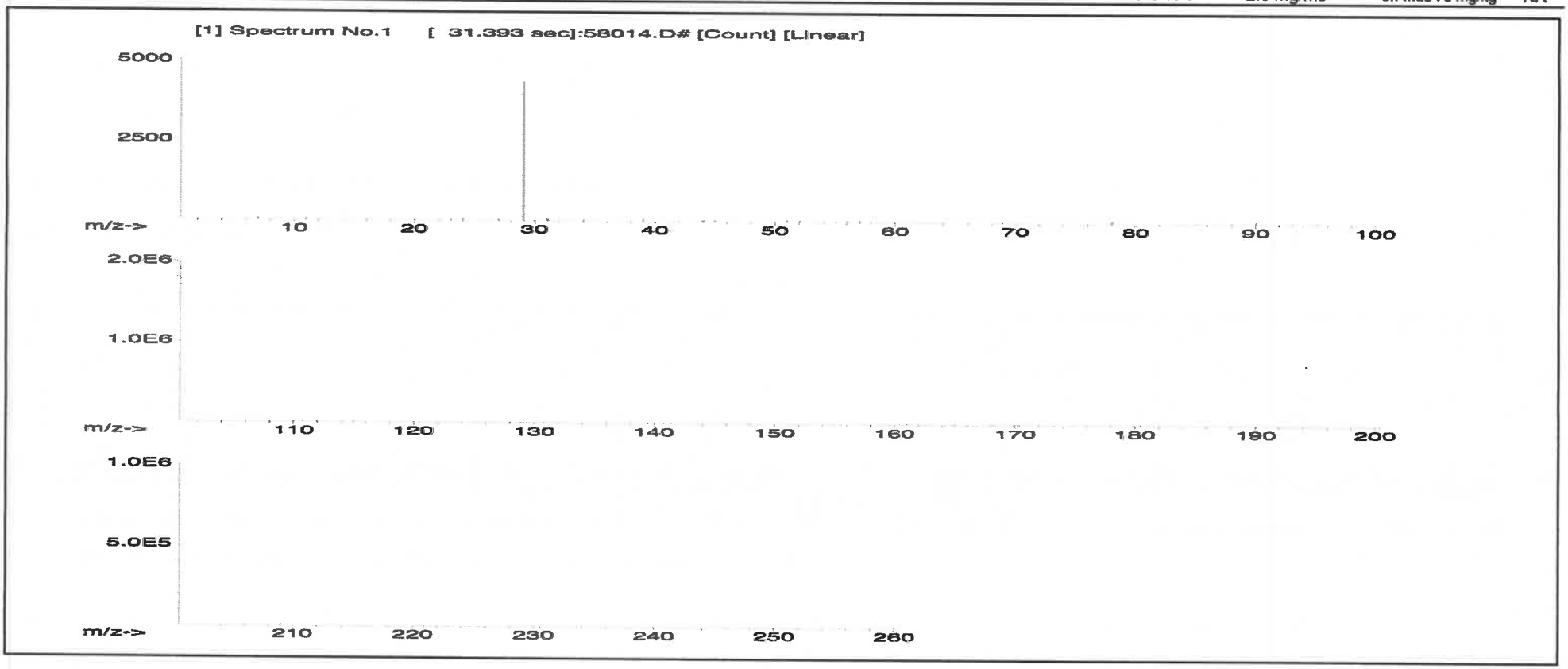
Aleah O'Brady

| 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 |



18795

**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.
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1880

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

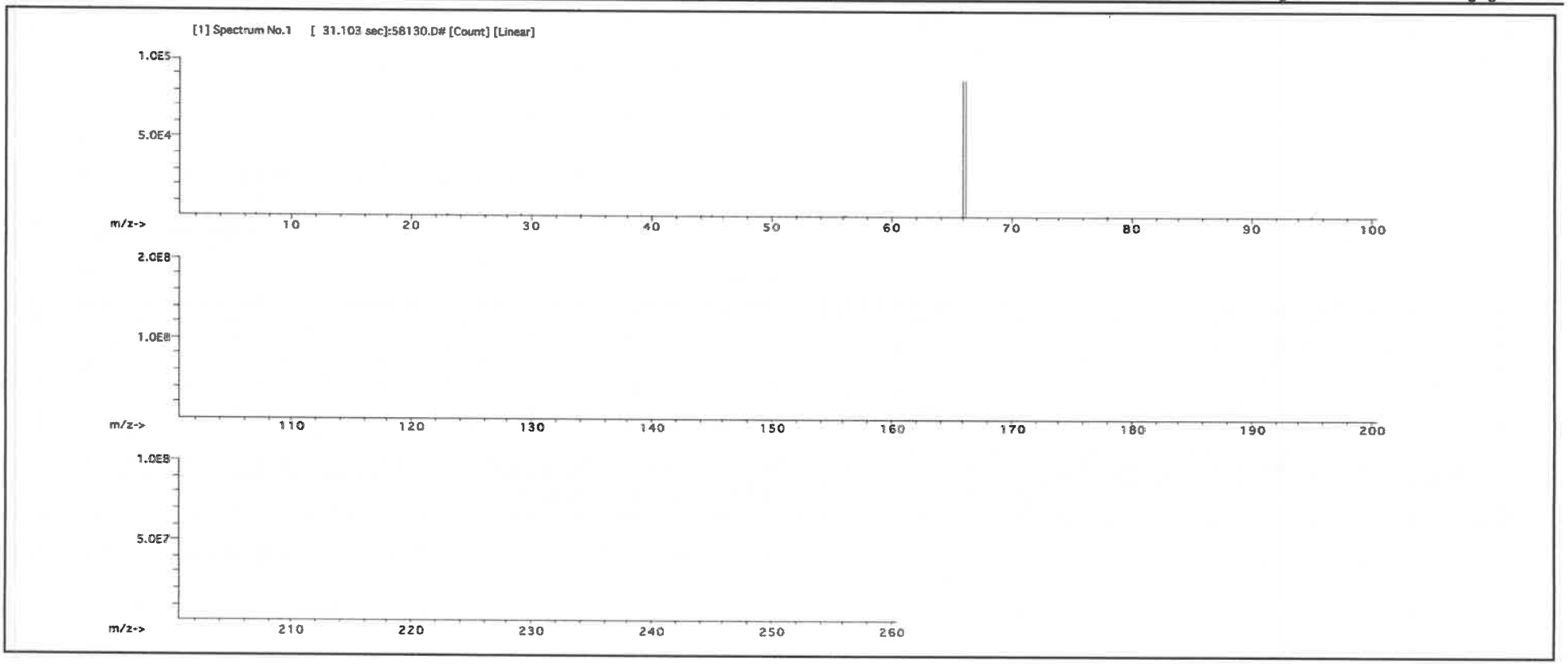
**Weight shown below was diluted to (mL):** 3000.4 0.06 Flask Uncertainty

| | | 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.
* 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: 02/09/24 M5820

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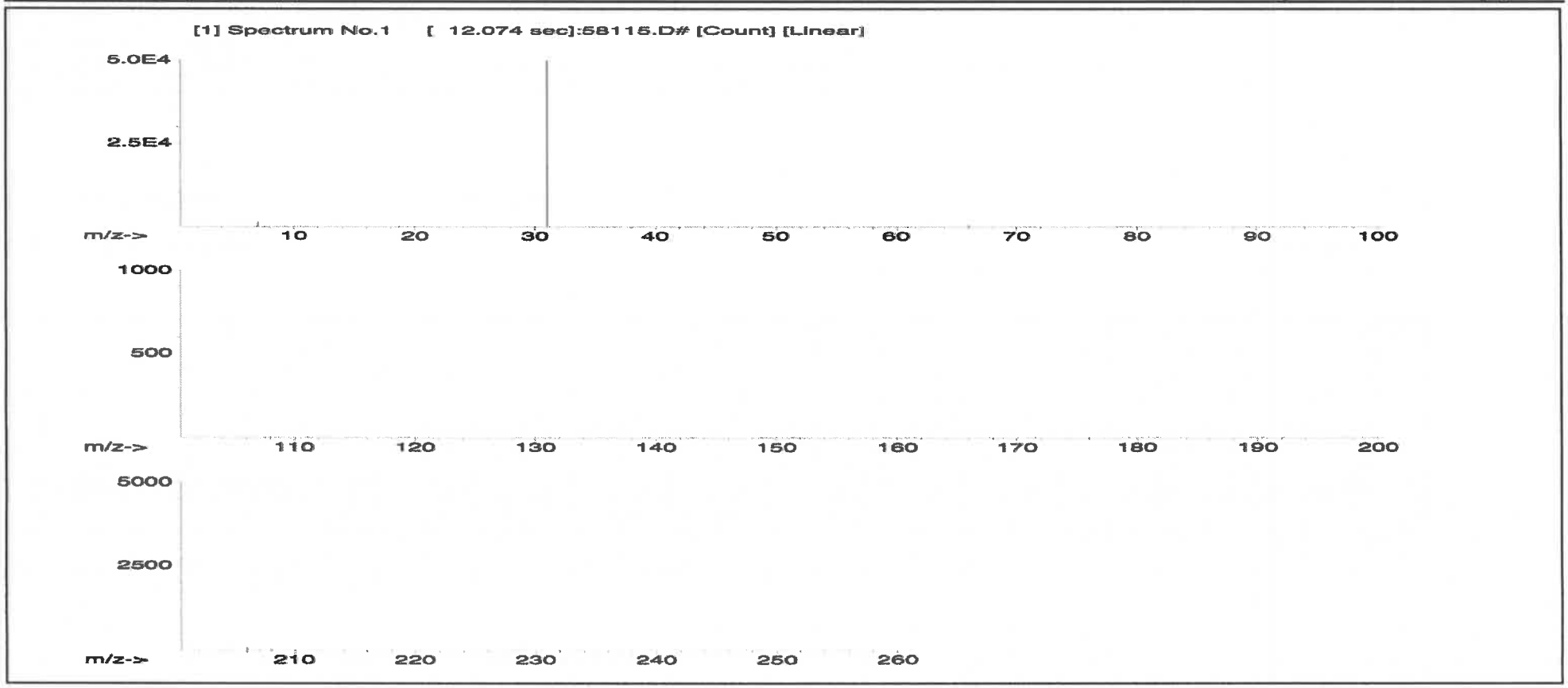
1882

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 | orl-rat >2000mg/k | 3186 |



1883

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | 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).
* 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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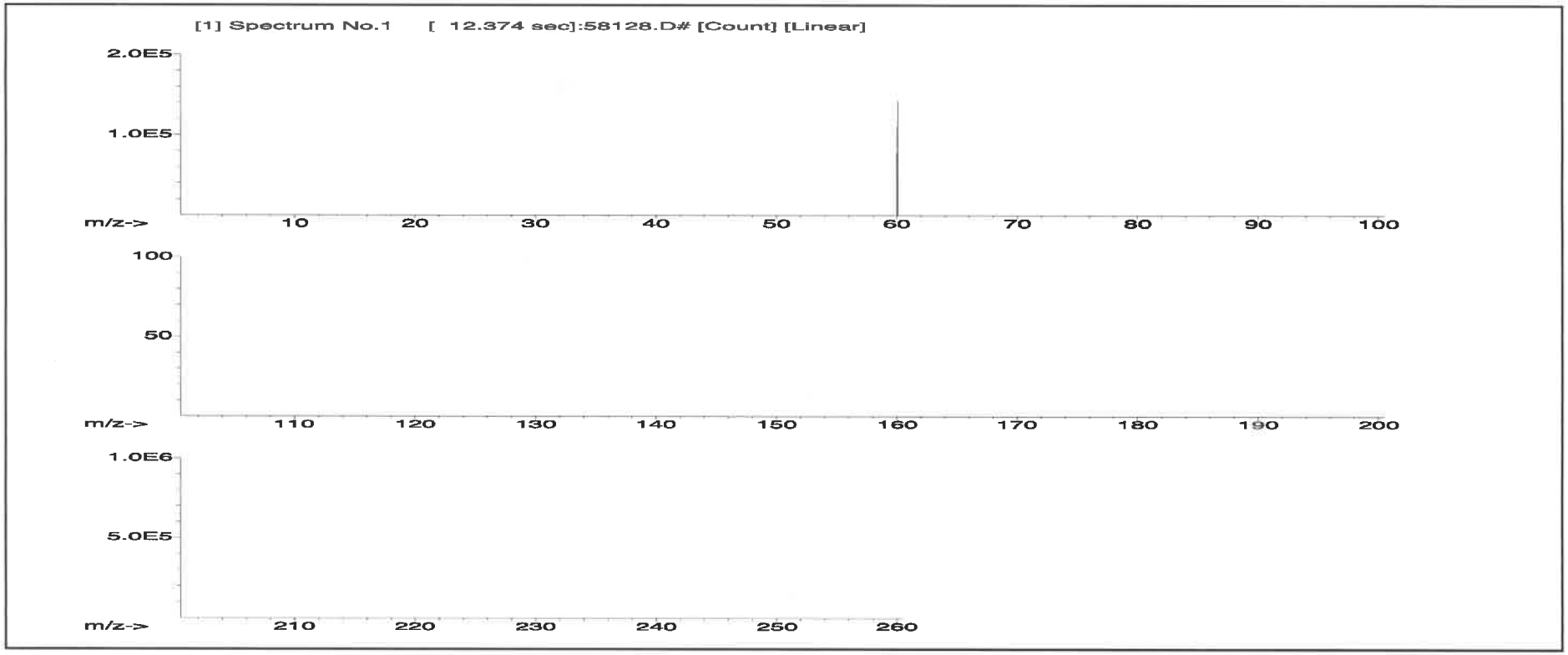
1884

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.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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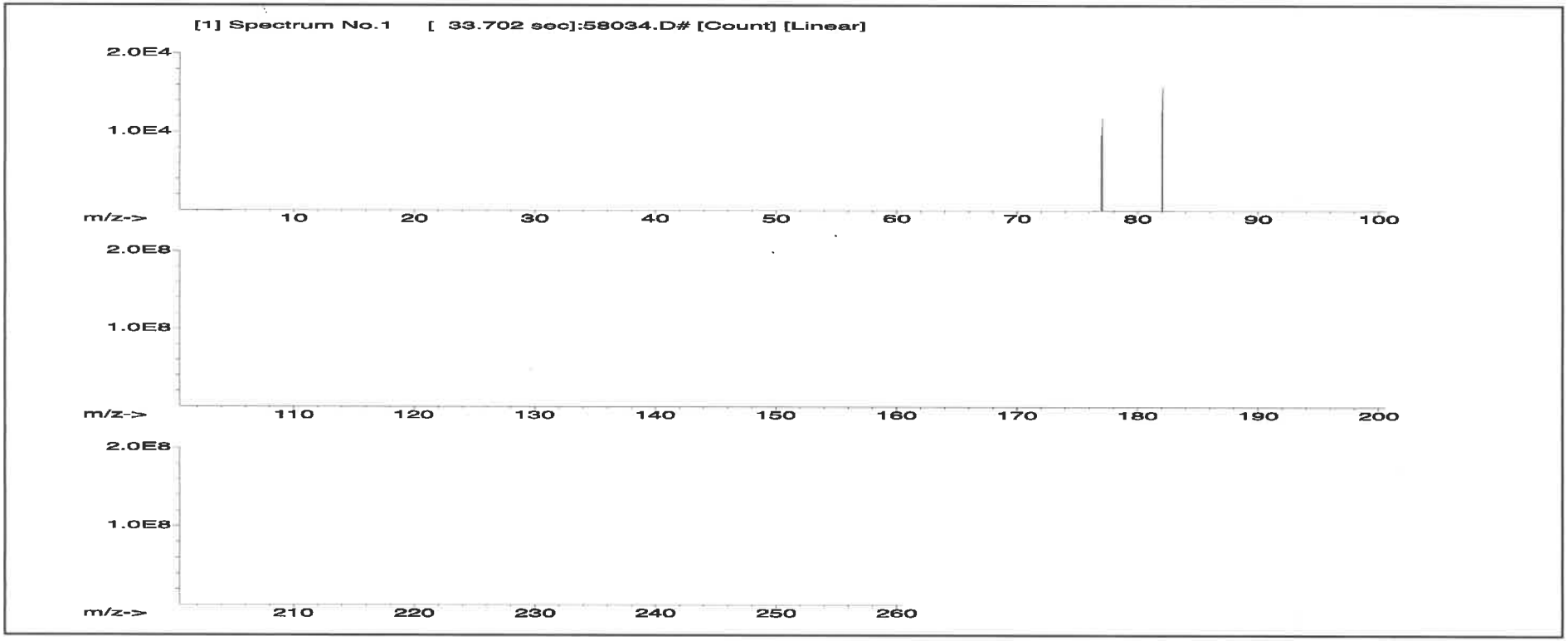
1886

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 |



1887

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | 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.
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# Certificate of Analysis

M5976, M5977
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inorganicventures.com

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F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 — ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Single Analyte Custom Grade Solution |
| Catalog Number: | CGMO1 |
| Lot Number: | T2-MO720876 |
| Matrix: | H2O<br>tr. NH4OH |
| Value / Analyte(s): | 1 000 µg/mL ea:<br>Molybdenum |
| Starting Material: | Ammonium Molybdate |
| Starting Material Lot#: | 2361 |
| Starting Material Purity: | 99.9893% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 998 ± 7 µg/mL

**Density:** 1.000 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

**Assay Method #1** **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty



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## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | Ag | < | 0.000590 | M | Eu | < | 0.000300 | M | Na | | 0.000879 | M | Se | < | 0.008000 | M | Zn | | 0.000598 |
| M | Al | | 0.000563 | M | Fe | < | 0.006500 | M | Nb | < | 0.029000 | i | Si | < | | M | Zr | < | 0.001800 |
| M | As | < | 0.002100 | M | Ga | < | 0.000300 | i | Nd | < | | M | Sm | < | 0.000300 | | | | |
| M | Au | < | 0.000300 | M | Gd | < | 0.000300 | M | Ni | < | 0.008000 | M | Sn | < | 0.008900 | | | | |
| M | B | < | 0.003300 | M | Ge | < | 0.000300 | M | Os | < | 0.000590 | M | Sr | | 0.000175 | | | | |
| M | Ba | | 0.001689 | M | Hf | < | 0.001800 | i | P | < | | M | Ta | < | 0.004200 | | | | |
| M | Be | < | 0.000890 | M | Hg | < | 0.003300 | M | Pb | < | 0.000300 | M | Tb | < | 0.000300 | | | | |
| M | Bi | < | 0.000890 | M | Ho | < | 0.000300 | M | Pd | < | 0.001800 | M | Te | < | 0.021000 | | | | |
| O | Ca | | 0.006334 | M | In | < | 0.032000 | M | Pr | < | 0.013000 | M | Th | < | 0.000300 | | | | |
| O | Cd | < | 0.026000 | M | Ir | < | 0.000300 | M | Pt | < | 0.000300 | O | Tl | < | 0.032000 | | | | |
| M | Ce | < | 0.008300 | M | K | | 0.130213 | M | Rb | | 0.004575 | M | Tl | | 0.001266 | | | | |
| M | Co | | 0.000598 | M | La | < | 0.000300 | M | Re | < | 0.000300 | M | Tm | < | 0.000300 | | | | |
| M | Cr | | 0.000527 | O | Li | | 0.000059 | M | Rh | < | 0.000300 | M | U | < | 0.005300 | | | | |
| M | Cs | | 0.000527 | M | Lu | < | 0.000300 | M | Ru | < | 0.079000 | M | V | < | 0.000890 | | | | |
| M | Cu | | 0.002252 | M | Mg | | 0.000563 | i | S | < | | M | W | | 0.087982 | | | | |
| M | Dy | < | 0.000300 | M | Mn | < | 0.005900 | M | Sb | | 0.001513 | M | Y | < | 0.000300 | | | | |
| M | Er | < | 0.000300 | s | Mo | < | | M | Sc | < | 0.001200 | M | Yb | < | 0.000300 | | | | |

M - Checked by ICP-MS  O - Checked by ICP-OES  i - Spectral Interference
n - Not Checked For  s - Solution Standard Element

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**Atomic Weight; Valence; Coordination Number; Chemical Form in Solution -** 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

**Chemical Compatibility -**Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

**Stability -** 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

**Mo Containing Samples (Preparation and Solution) -**Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl ).

**Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):**

| **Technique/Line** | **Estimated D.L.** | **Order** | **Interferences** (underlined indicates severe) |
|---|---|---|---|
| ICP-MS 95 amu | 3 ppt | n/a | 40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+ |
| ICP-OES 202.030 nm | 0.008 / 0.0002 µg/mL | 1 | Os, Hf |
| ICP-OES 203.844 nm | 0.012 / 0.002 µg/mL | 1 | |
| ICP-OES 204.598 nm | 0.012 / 0.001 µg/mL | 1 | Ir, Ta |

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02



## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- July 17, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Prepared By:**

Uyen Truong
Supervisor, Product Documentation

**Certificate Approved By:**

Michael Booth
Director, Technical

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

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M5978, M5979

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

R: 2/22/24

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Single Analyte Custom Grade Solution |
| Catalog Number: | CGTI1 |
| Lot Number: | T2-TI719972 |
| Matrix: | 2% (v/v) HNO3<br>tr. HF |
| Value / Analyte(s): | 1 000 µg/mL ea:<br>Titanium |
| Starting Material: | Ti Metal |
| Starting Material Lot#: | 2094 |
| Starting Material Purity: | 99.9975% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 1002 ± 5 µg/mL

**Density:** 1.012 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

**Assay Method #1** **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

**Characterization of CRM/RM by Two or More Methods**

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\ (u_{char\ i})^2)^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Characterization of CRM/RM by One Method**

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | Ag | < | 0.000536 | M | Eu | < | 0.000268 | O | Na | < | 0.032670 | M | Se | | 0.001204 | O | Zn | < | 0.003267 |
| O | Al | | 0.000872 | O | Fe | | 0.003225 | O | Nb | < | 0.043560 | O | Si | | 0.004735 | O | Zr | < | 0.043560 |
| M | As | < | 0.008586 | M | Ga | < | 0.000268 | M | Nd | < | 0.000268 | M | Sm | < | 0.000268 | | | | |
| M | Au | < | 0.004577 | M | Gd | < | 0.000268 | O | Ni | < | 0.010890 | M | Sn | | 0.000096 | | | | |
| O | B | < | 0.008929 | M | Ge | < | 0.002146 | M | Os | < | 0.000269 | O | Sr | | 0.000096 | | | | |
| M | Ba | < | 0.002683 | M | Hf | | 0.002161 | O | P | < | 0.054450 | M | Ta | | 0.010560 | | | | |
| M | Be | < | 0.005366 | M | Hg | < | 0.003231 | M | Pb | < | 0.001073 | M | Tb | < | 0.000268 | | | | |
| M | Bi | < | 0.001609 | M | Ho | < | 0.000268 | M | Pd | < | 0.000268 | M | Te | < | 0.001341 | | | | |
| O | Ca | | 0.000676 | M | In | < | 0.002683 | M | Pr | < | 0.000268 | M | Th | < | 0.053663 | | | | |
| M | Cd | < | 0.000268 | M | Ir | < | 0.000269 | M | Pt | < | 0.000536 | s | Ti | < | | | | | |
| M | Ce | < | 0.000268 | M | K | | 0.001172 | M | Rb | < | 0.000268 | M | Tl | < | 0.000268 | | | | |
| M | Co | < | 0.004293 | M | La | < | 0.000268 | M | Re | < | 0.000268 | M | Tm | < | 0.000268 | | | | |
| M | Cr | | 0.000752 | O | Li | < | 0.027225 | M | Rh | < | 0.000268 | M | U | < | 0.000268 | | | | |
| M | Cs | < | 0.000268 | M | Lu | < | 0.000268 | M | Ru | < | 0.000269 | M | V | < | 0.019855 | | | | |
| O | Cu | < | 0.010890 | O | Mg | < | 0.005445 | i | S | < | | M | W | | 0.000473 | | | | |
| M | Dy | < | 0.000268 | O | Mn | < | 0.003267 | M | Sb | < | 0.006976 | M | Y | < | 0.002146 | | | | |
| M | Er | < | 0.000268 | M | Mo | | 0.000774 | O | Sc | < | 0.004900 | M | Yb | < | 0.000536 | | | | |

M - Checked by ICP-MS  O - Checked by ICP-OES  i - Spectral Interference
n - Not Checked For  s - Solution Standard Element

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**Atomic Weight; Valence; Coordination Number; Chemical Form in Solution -** 47.87 +4 6 Ti(F)6-2

**Chemical Compatibility -** Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

**Stability -** 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

**Ti Containing Samples (Preparation and Solution) -** Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores ( fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

**Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):**

| Technique/Line | Estimated D.L. | Order | Interferences (underlined indicates severe) |
|---|---|---|---|
| ICP-MS 48 amu | 14 ppt | N/A | 32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)] |
| ICP-OES 323.452 nm | 0.0054 / 0.00092 µg/mL | 1 | Ce, Ar, Ni |
| ICP-OES 334.941 nm | 0.0038 / 0.000028 µg/mL | 1 | Nb, Ta, Cr, U |
| ICP-OES 336.121 nm | 0.0053 / 0.000034 µg/mL | 1 | W, Mo, Co |

**HF Note:** This standard should not be prepared or stored in glass.

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

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**10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"**

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- June 17, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Thomas Kozikowski
Manager, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57092** | 24002546 | Nitric Acid | | |
| **Lot Number:** | **060724** | | | | |
| **Description:** | **Uranium (U)** | 2.0% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 060727 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Volume shown below was diluted to (mL):** | 2000.07 | 0.100 | Flask Uncertainty | | |

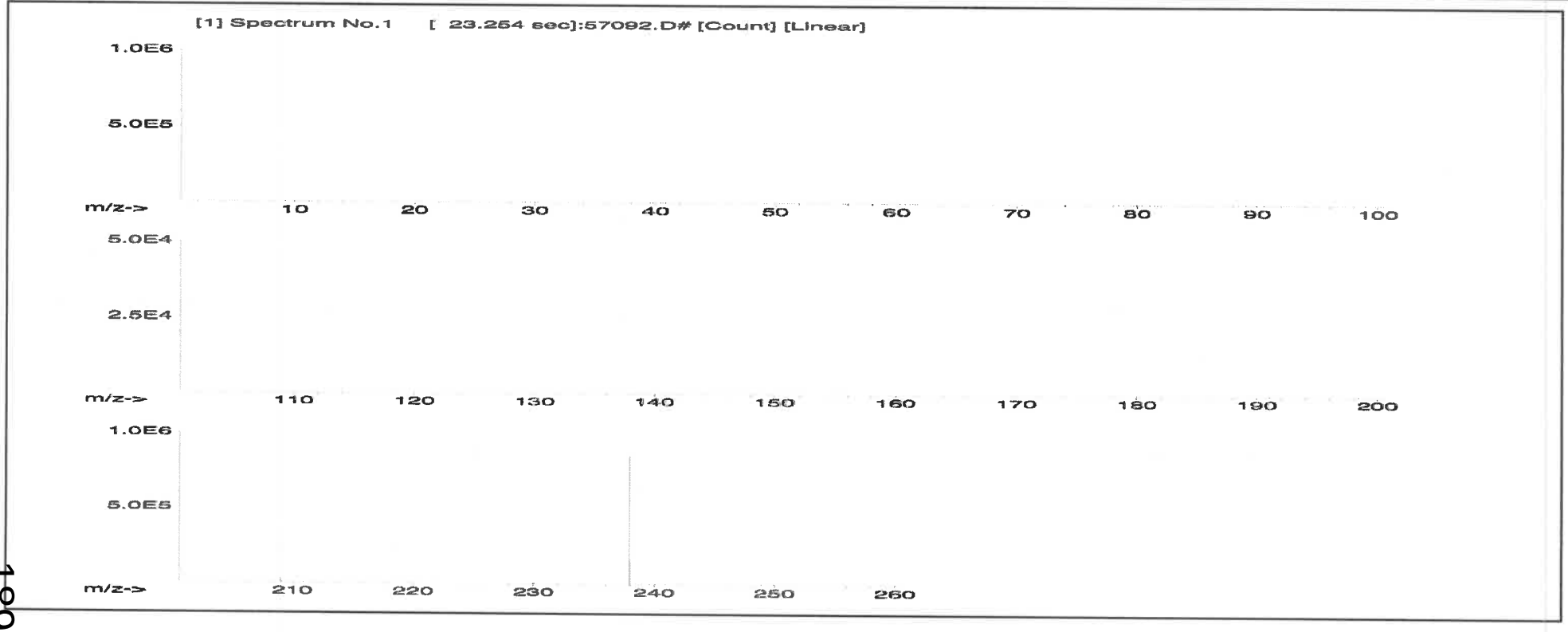
Giovanni Esposito

| Formulated By: | Giovanni Esposito | 060724 |
|---|---|---|

Pedro Rentas

| Reviewed By: | Pedro L. Rentas | 060724 |
|---|---|---|

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Uranyl nitrate hexahydrate (U) | 58192 | 041524 | 0.1000 | 200.0 | 0.084 | 1000 | 10001.5 | **1000.0** | **2.2** | 13520-83-7 | 0.05 mg/m3 | orl-rat 1040 mg/kg | 3164 |

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**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | T |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

45982 R: 6/11/24

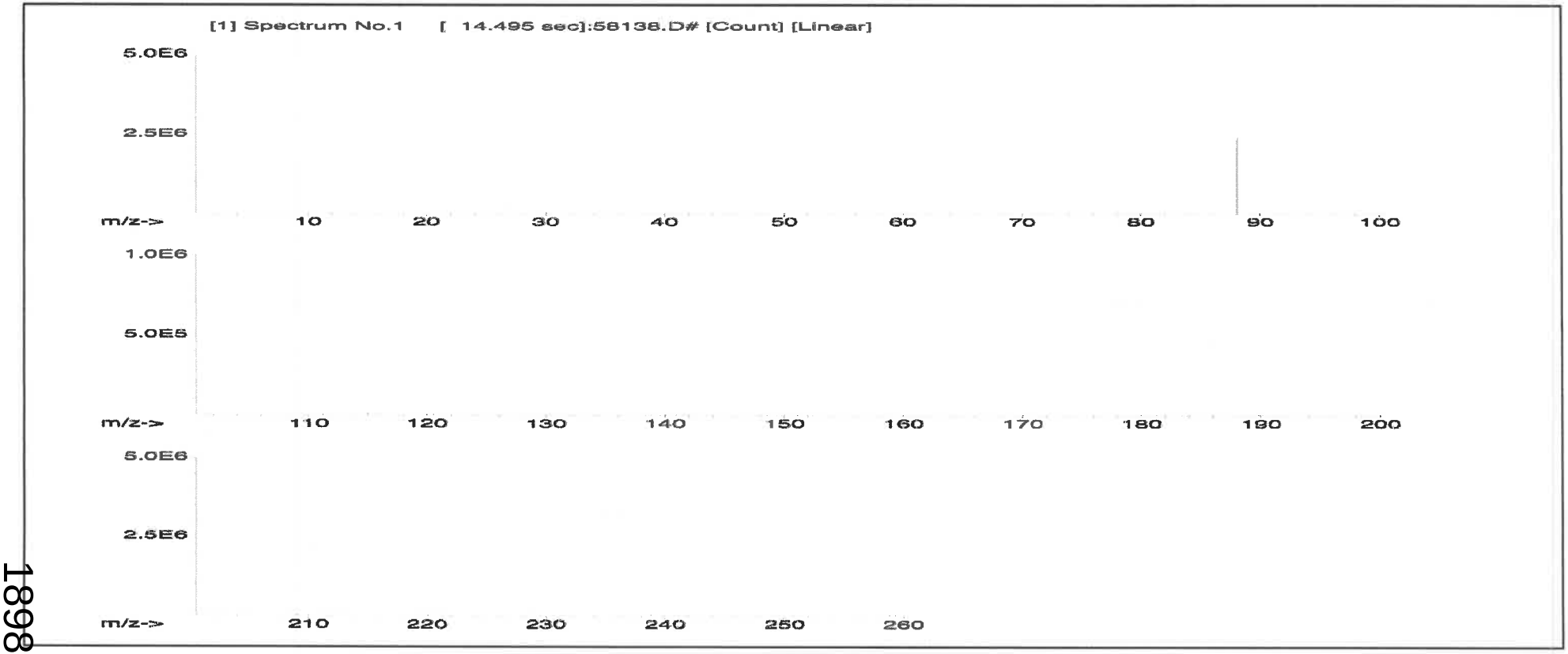
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

| | | | Lot # | |
|---|---|---|---|---|
| **Part Number:** | 57038 | **Solvent:** | 24002546 | Nitric Acid |
| **Lot Number:** | 031524 | | | |
| **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 |

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**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <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).

1899

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

M5983 R: 6/11/24

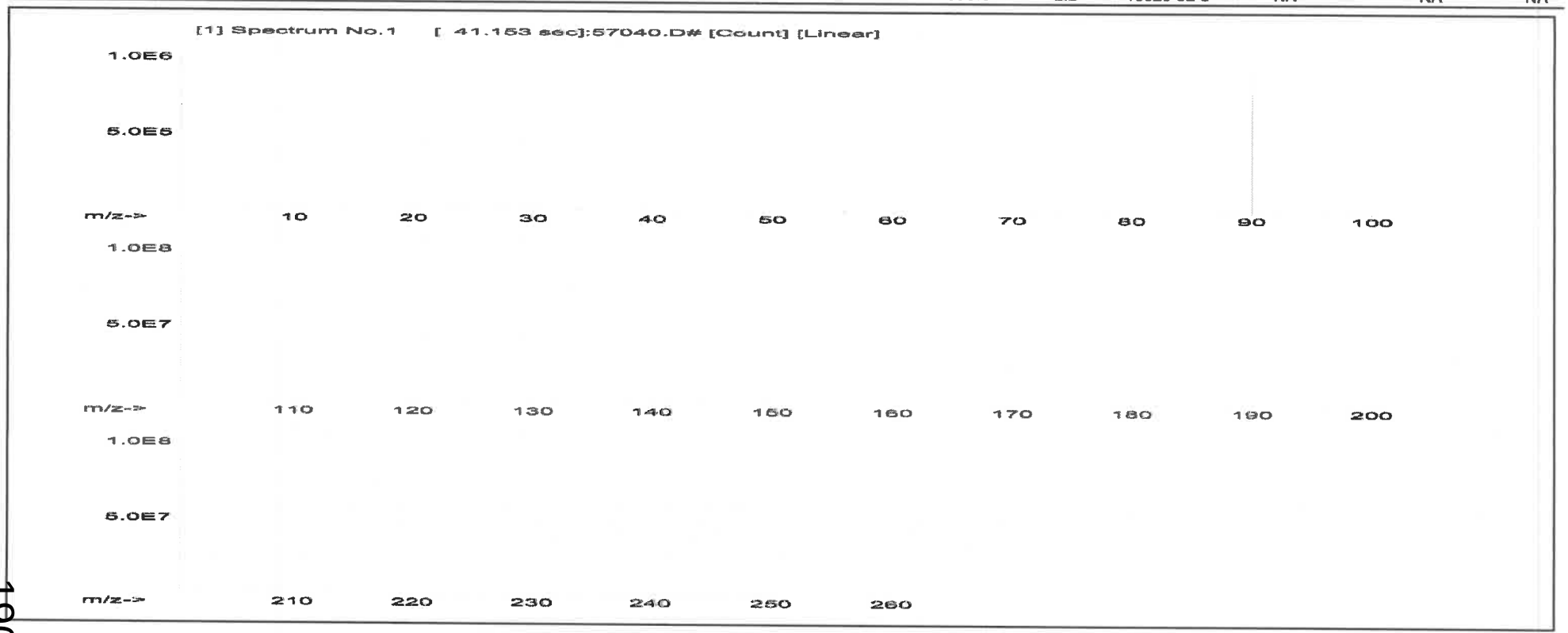
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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 |




1900

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <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:**

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).

1901

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Refine your results. Redefine your industry.

# Certificate of Analysis

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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:**



1902

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Ag | ICP Assay | 3151 | 160729 |
| Ag | Volhard | 999c | 999c |
| Ag | Calculated | | See Sec. 4.2 |
| Al | ICP Assay | 3101a | 140903 |
| Al | EDTA | 928 | 928 |
| Ba | ICP Assay | 3104a | 140909 |
| Ba | Gravimetric | | See Sec. 4.2 |
| Be | ICP Assay | 3105a | 090514 |
| Be | Calculated | | See Sec. 4.2 |
| Co | ICP Assay | 3113 | 190630 |
| Co | EDTA | 928 | 928 |
| Cr | ICP Assay | 3112a | 170630 |
| Cu | ICP Assay | 3114 | 121207 |
| Cu | EDTA | 928 | 928 |
| Fe | ICP Assay | 3126a | 140812 |
| Fe | EDTA | 928 | 928 |
| Mn | ICP Assay | 3132 | 050429 |
| Mn | EDTA | 928 | 928 |
| Ni | ICP Assay | 3136 | 120619 |
| Ni | EDTA | 928 | 928 |
| V | IC Assay | 3165 | 160906 |
| V | EDTA | 928 | 928 |
| Zn | ICP Assay | 3168a | 120629 |
| Zn | EDTA | 928 | 928 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)\,(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**Note**: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

### 11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

### 11.2 Lot Expiration Date

**- July 27, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

### 11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Thomas Kozikowski
Manager, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1906

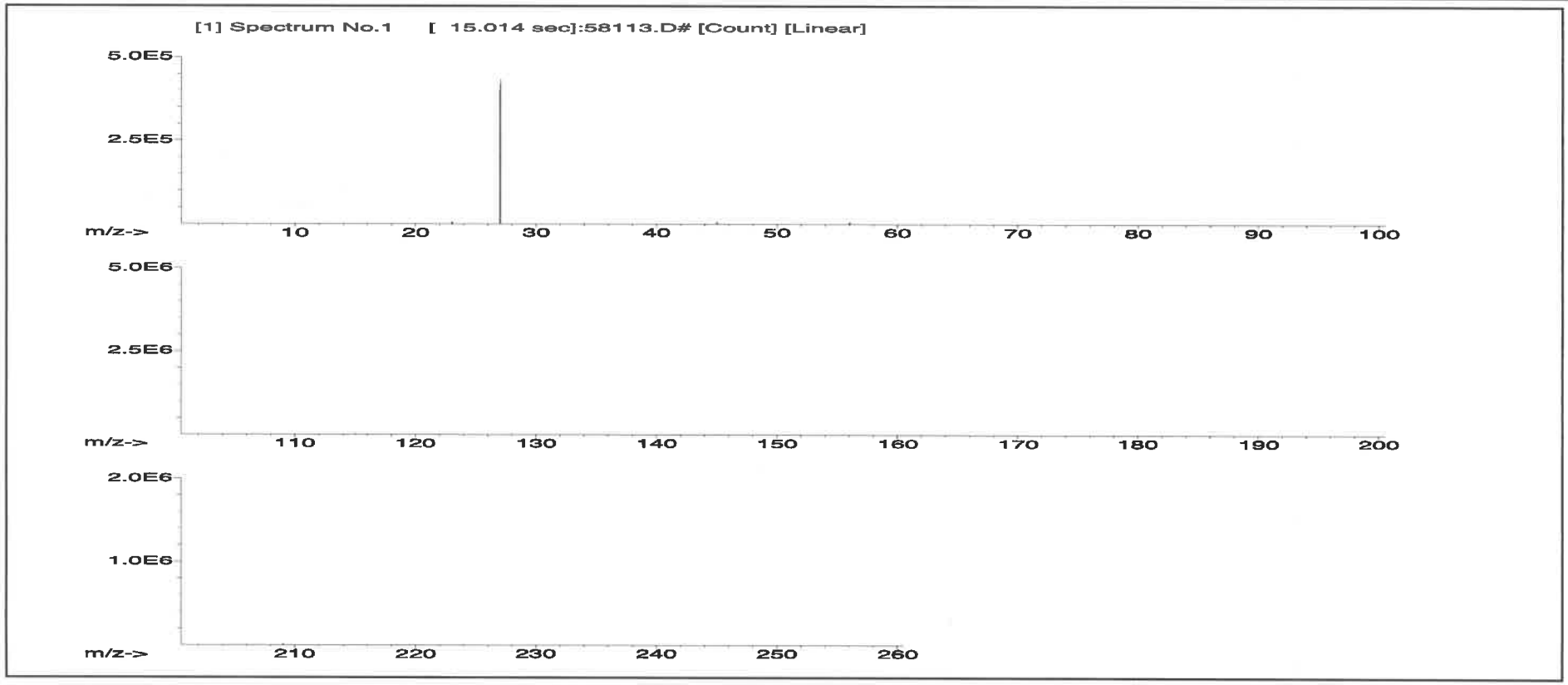
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **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 |
| 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 >>>



For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 386 1700

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

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# Certificate of Analysis

R 8/19/24, M60055

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## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | 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

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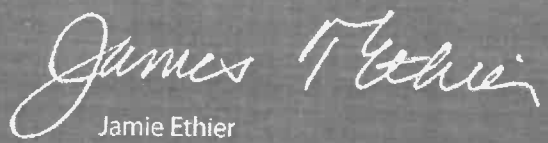
Material No.: 9530-33
Batch No.: 0000275677

| 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

1915

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

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## CERTIFIED WEIGHT REPORT:

**Part Number:** 58111
**Lot Number:** 122223
**Description:** Sodium (Na)

**Expiration Date:** 122226
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB

**Weight shown below was diluted to (mL):** 3000.4 0.06 Flask Uncertainty

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 60.0 (mL) | Nitric Acid | |

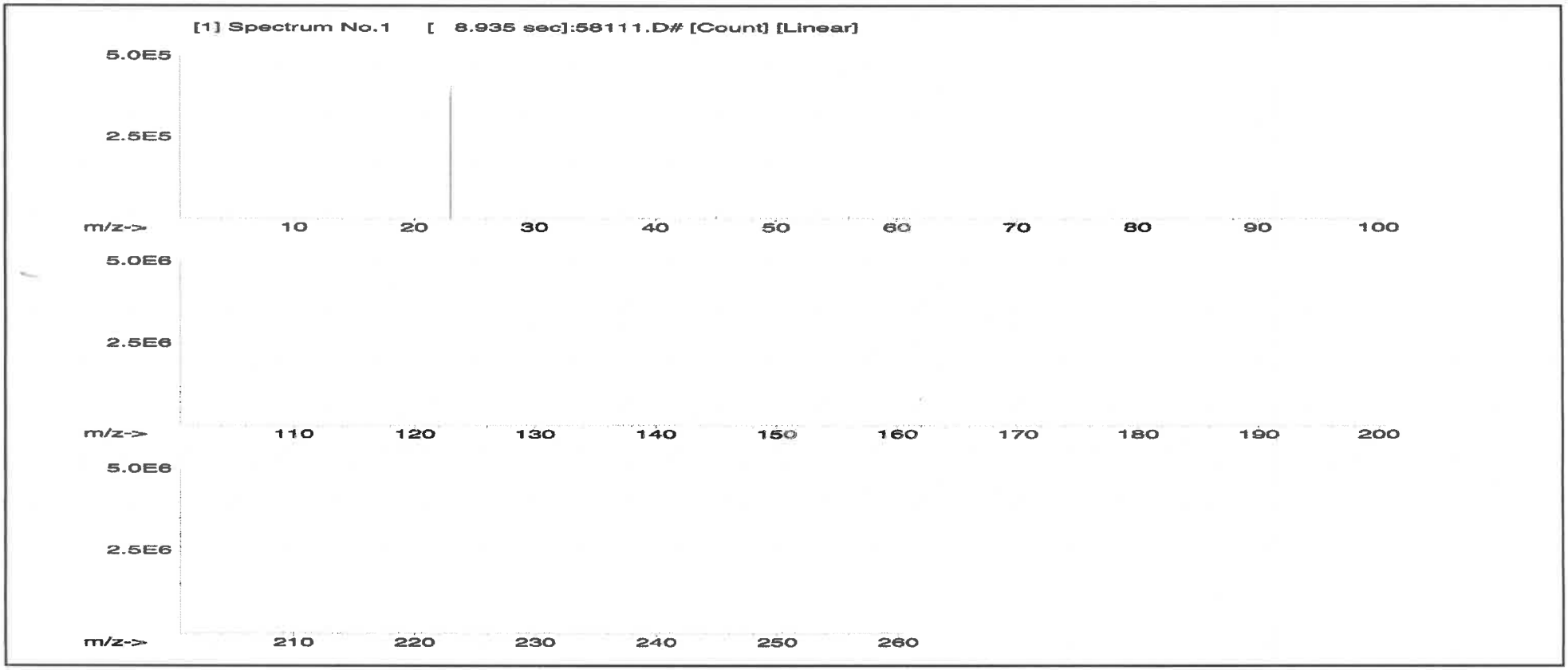
5E-05 Balance Uncertainty

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 |



1919

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | T | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES
Refine your results. Redefine your industry.

A: 4/11/22

# Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | 6020ISS |
| Lot Number: | S2-MEB709511 |
| Matrix: | 7% (v/v) HNO3 |
| Value / Analyte(s): | 10 µg/mL ea: |

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| 6-Lithium, Li6 | 10.00 ± 0.03 µg/mL | Bismuth, Bi | 10.00 ± 0.05 µg/mL |
| Holmium, Ho | 10.00 ± 0.05 µg/mL | Indium, In | 10.00 ± 0.04 µg/mL |
| Rhodium, Rh | 10.00 ± 0.07 µg/mL | Scandium, Sc | 10.00 ± 0.04 µg/mL |
| Terbium, Tb | 10.00 ± 0.04 µg/mL | Yttrium, Y | 10.00 ± 0.04 µg/mL |

**Density:** 1.035 g/mL (measured at 20 ± 4 °C)

**Assay Information:**



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| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Bi | ICP Assay | 3106 | 180815 |
| Bi | Calculated | | See Sec. 4.2 |
| Ho | ICP Assay | 3123a | 090408 |
| Ho | EDTA | 928 | 928 |
| In | ICP Assay | 3124a | 110516 |
| In | EDTA | 928 | 928 |
| In | Calculated | | See Sec. 4.2 |
| Li6 | Gravimetric | | See Sec. 4.2 |
| Rh | ICP Assay | 3144 | 070619 |
| Sc | ICP Assay | 3148a | 100701 |
| Sc | EDTA | 928 | 928 |
| Tb | ICP Assay | 3157a | 100518 |
| Tb | EDTA | 928 | 928 |
| Tb | Calculated | | See Sec. 4.2 |
| Y | ICP Assay | 3167a | 120314 |
| Y | EDTA | 928 | 928 |
| Y | Calculated | | See Sec. 4.2 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

**Characterization of CRM/RM by Two or More Methods**

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Characterization of CRM/RM by One Method**

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

**Certified Abundance:**

**IV's Certified Abundance**

| Isotope | Atom % |
|---|---|
| Lithium Li6 | 95.6 ± 0.3 |
| Lithium Li7 | 4.4 ± 0.1 |

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

## 6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- September 03, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Michael Booth
Director, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

# QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

**NOTE:** These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

***APPLICATION:*** For use with the CLP SFAM01.0 SOW and revisions.

***CAUTION:*** Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
**HAZARDOUS MATERIAL**

Safety Data Sheets
Available Upon Request

## (A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

***CAUTION:*** The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

## (B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

**QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY**
**APTIM Federal Services, LLC**
**2700 Chandler Avenue - Building C**
**Las Vegas, NV 89120**

## (C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

**ICSA-0803, Inferferents:** Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v $HNO_3$. Analyze this solution by ICP-MS.

**ICSB-0803, Analytes, mixed with ICSA-0803, Interferents:** Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v $HNO_3$. Analyze this ICSAB solution by ICP-MS.

## (D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

**Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803**

ICSA: M5873

ICSB: M5874

| Element | CRQL | Part A (µg/L) | Lower Limit (µg/L) | Upper Limit (µg/L) | Part A +Part B (µg/L) | Lower Limit (µg/L) | Upper Limit (µg/L) |
|---|---|---|---|---|---|---|---|
| Al | 20.0 | [100000] | | | [100000] | | |
| Sb | 2.0 | (1.5) | -2.5 | 5.5 | (22.0) | 18.0 | 26.0 |
| As | 1.0 | (0.1) | -1.9 | 2.1 | 19.0 | 16.2 | 21.9 |
| Ba | 10.0 | (1.2) | -18.8 | 21.2 | (22.0) | 2.0 | 42.0 |
| Be | 1.0 | (0) | -2.0 | 2.0 | 19.0 | 16.2 | 21.9 |
| Cd | 1.0 | (0.7) | -1.3 | 2.7 | 20.0 | 17.0 | 23.0 |
| Ca | 500 | [100000] | | | [100000] | | |
| C | | [200000] | | | [200000] | | |
| Cl | | [1000000] | | | [1000000] | | |
| Cr | 2.0 | (21.0) | 17.0 | 25.0 | 40.0 | 34.0 | 46.0 |
| Co | 1.0 | (1.0) | -1.0 | 3.0 | 20.0 | 17.0 | 23.0 |
| Cu | 2.0 | (8.0) | 4.0 | 12.0 | (25.0) | 21.0 | 29.0 |
| Fe | 200 | [100000] | | | [100000] | | |
| Pb | 1.0 | (4.0) | 2.0 | 6.0 | 25.0 | 21.3 | 28.8 |
| Mg | 500 | [100000] | | | [100000] | | |
| Mn | 1.0 | (7.0) | 5.0 | 9.0 | 27.0 | 23.0 | 31.1 |
| Mo | | [2000] | | | [2000] | | |
| Ni | 1.0 | (6.0) | 4.0 | 8.0 | 24.0 | 20.4 | 27.6 |
| P | | [100000] | | | [100000] | | |
| K | 500 | [100000] | | | [100000] | | |
| Se | 5.0 | (0.3) | -9.7 | 10.3 | (19.0) | 9.0 | 29.0 |
| Ag | 1.0 | (0) | -2.0 | 2.0 | 18.0 | 15.3 | 20.7 |
| Na | 500 | [100000] | | | [100000] | | |
| S | | [100000] | | | [100000] | | |
| Tl | 1.0 | (0) | -2.0 | 2.0 | 21.0 | 17.9 | 24.2 |
| Ti | | [2000] | | | [2000] | | |
| V | 5.0 | (0.5) | -9.5 | 10.5 | (19.0) | 9.0 | 29.0 |
| Zn | 5.0 | (11.0) | 1.0 | 21.0 | (29.0) | 19.0 | 39.0 |

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

# QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

**NOTE:** These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

***APPLICATION:*** For use with the CLP SFAM01.0 SOW and revisions.

***CAUTION:*** Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
**HAZARDOUS MATERIAL**

Safety Data Sheets
Available Upon Request

## (A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

***CAUTION:*** The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

## (B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

**QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY**
**APTIM Federal Services, LLC**
**2700 Chandler Avenue - Building C**
**Las Vegas, NV 89120**

## (C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

**ICSA-0803, Inferferents:** Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v $HNO_3$. Analyze this solution by ICP-MS.

**ICSB-0803, Analytes, mixed with ICSA-0803, Interferents:** Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v $HNO_3$. Analyze this ICSAB solution by ICP-MS.

## (D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

**Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803**

ICSA: M5873

ICSB: M5874

| Element | CRQL | Part A (µg/L) | Lower Limit (µg/L) | Upper Limit (µg/L) | Part A +Part B (µg/L) | Lower Limit (µg/L) | Upper Limit (µg/L) |
|---|---|---|---|---|---|---|---|
| Al | 20.0 | [100000] | | | [100000] | | |
| Sb | 2.0 | (1.5) | -2.5 | 5.5 | (22.0) | 18.0 | 26.0 |
| As | 1.0 | (0.1) | -1.9 | 2.1 | 19.0 | 16.2 | 21.9 |
| Ba | 10.0 | (1.2) | -18.8 | 21.2 | (22.0) | 2.0 | 42.0 |
| Be | 1.0 | (0) | -2.0 | 2.0 | 19.0 | 16.2 | 21.9 |
| Cd | 1.0 | (0.7) | -1.3 | 2.7 | 20.0 | 17.0 | 23.0 |
| Ca | 500 | [100000] | | | [100000] | | |
| C | | [200000] | | | [200000] | | |
| Cl | | [1000000] | | | [1000000] | | |
| Cr | 2.0 | (21.0) | 17.0 | 25.0 | 40.0 | 34.0 | 46.0 |
| Co | 1.0 | (1.0) | -1.0 | 3.0 | 20.0 | 17.0 | 23.0 |
| Cu | 2.0 | (8.0) | 4.0 | 12.0 | (25.0) | 21.0 | 29.0 |
| Fe | 200 | [100000] | | | [100000] | | |
| Pb | 1.0 | (4.0) | 2.0 | 6.0 | 25.0 | 21.3 | 28.8 |
| Mg | 500 | [100000] | | | [100000] | | |
| Mn | 1.0 | (7.0) | 5.0 | 9.0 | 27.0 | 23.0 | 31.1 |
| Mo | | [2000] | | | [2000] | | |
| Ni | 1.0 | (6.0) | 4.0 | 8.0 | 24.0 | 20.4 | 27.6 |
| P | | [100000] | | | [100000] | | |
| K | 500 | [100000] | | | [100000] | | |
| Se | 5.0 | (0.3) | -9.7 | 10.3 | (19.0) | 9.0 | 29.0 |
| Ag | 1.0 | (0) | -2.0 | 2.0 | 18.0 | 15.3 | 20.7 |
| Na | 500 | [100000] | | | [100000] | | |
| S | | [100000] | | | [100000] | | |
| Tl | 1.0 | (0) | -2.0 | 2.0 | 21.0 | 17.9 | 24.2 |
| Ti | | [2000] | | | [2000] | | |
| V | 5.0 | (0.5) | -9.5 | 10.5 | (19.0) | 9.0 | 29.0 |
| Zn | 5.0 | (11.0) | 1.0 | 21.0 | (29.0) | 19.0 | 39.0 |

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

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www.absolutestandards.com

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AR-1539 Certificate Number
https://Absolutestandards.com

R: 01/03/24 M5802, M5803

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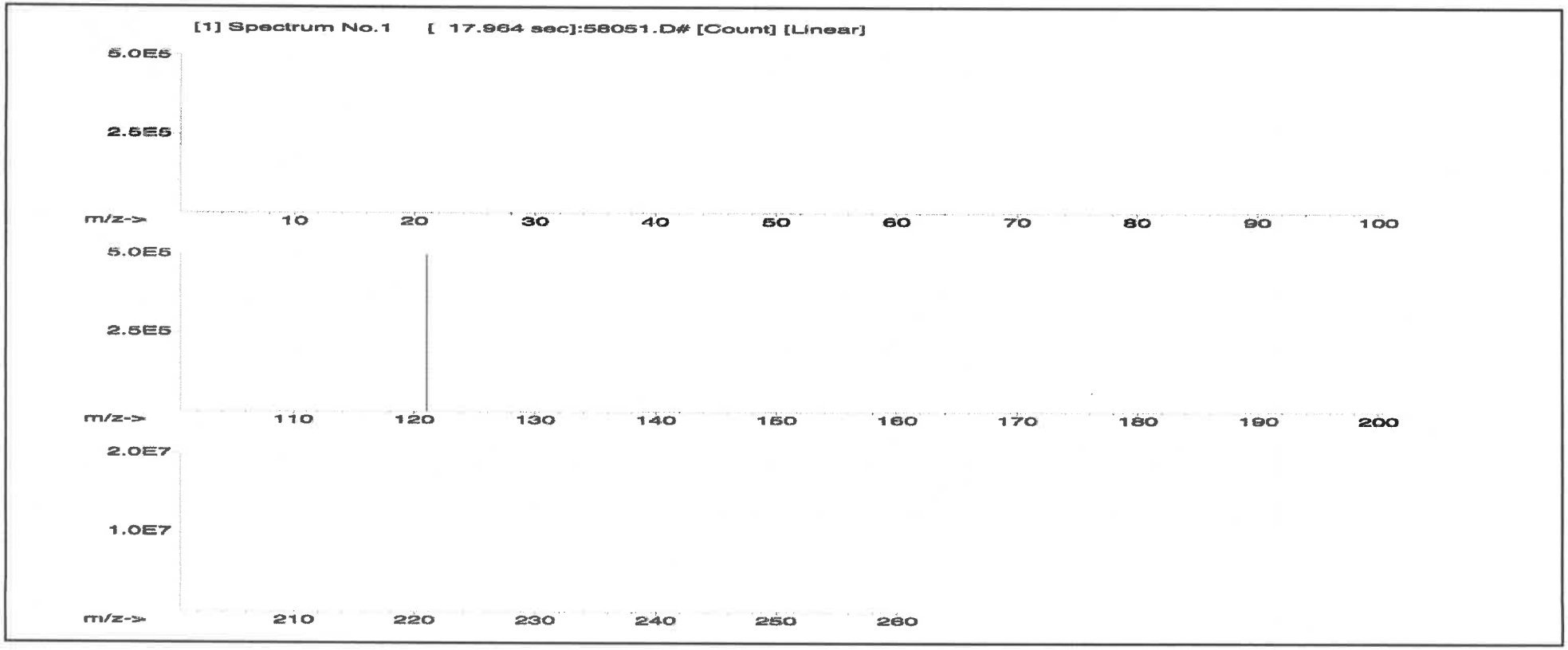
CERTIFIED WEIGHT REPORT:

| | | 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 |



1929

**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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***Certified Reference Material CRM***

M6030

R: 8/5/24

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AR-1539 Certificate Number
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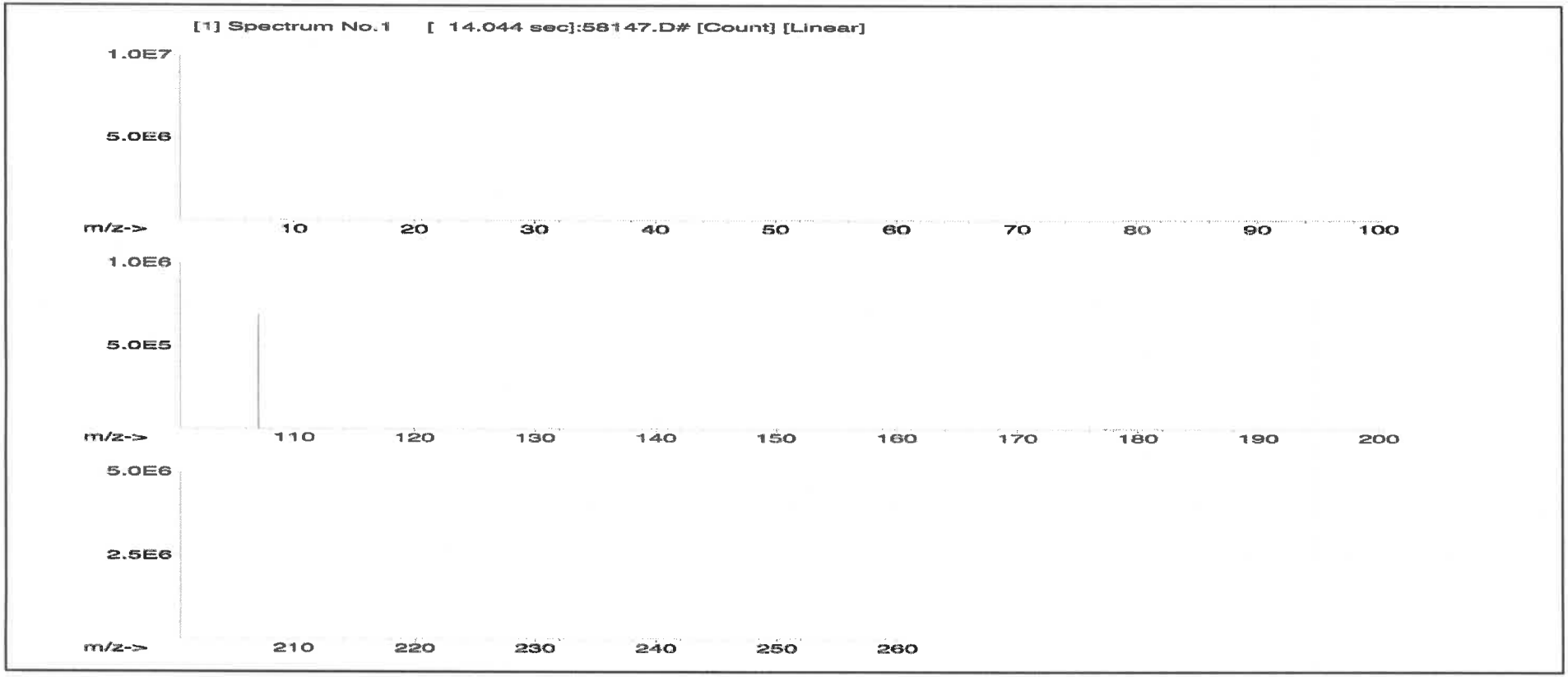
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **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 |



1931

**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:**

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***

R: 03/16/23 M5473, M5474, M5475, M5476

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AR-1539 Certificate Number
https://Absolutestandards.com

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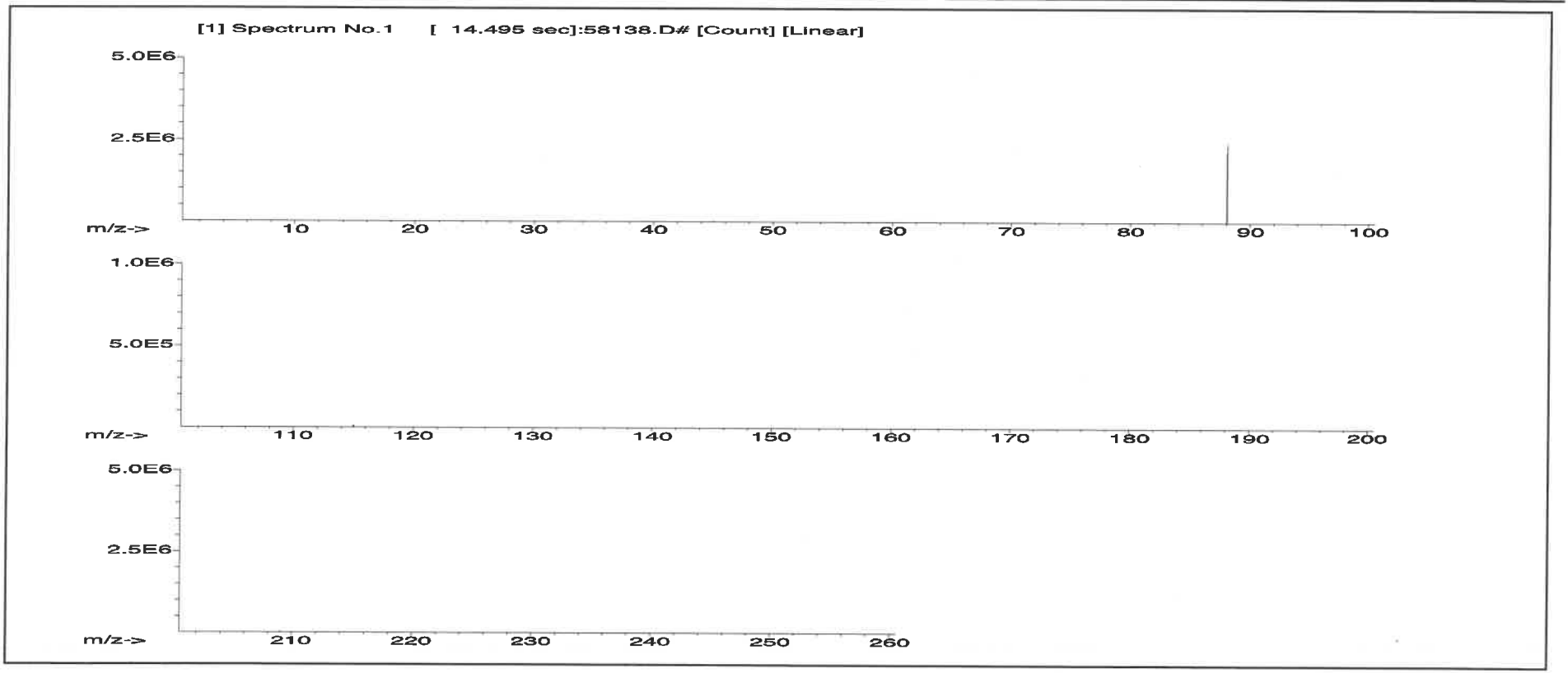
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **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 |



1933

**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.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

M6023

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R ! 8/5/24

1934

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 | | |

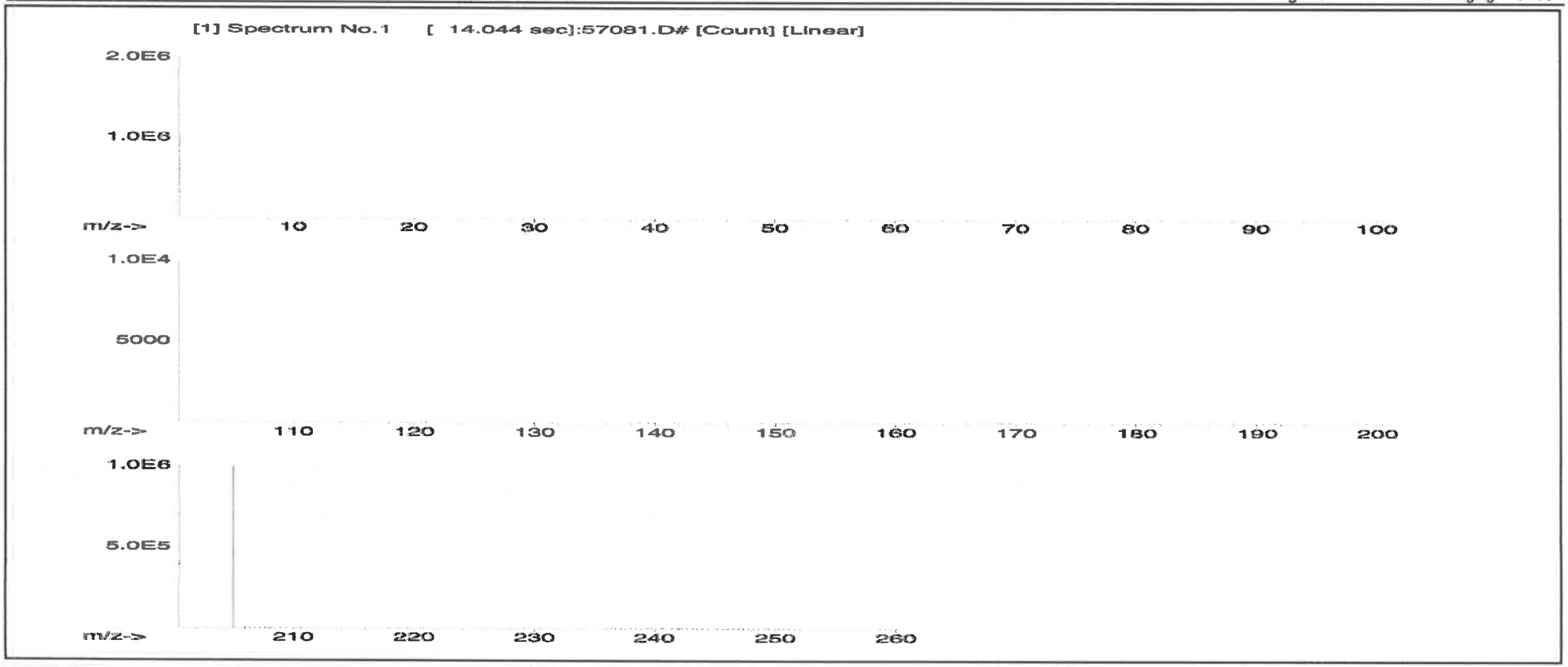
Aleah O'Brady

| | | |
|---|---|---|
| Formulated By: | Aleah O'Brady | 062724 |

Pedro Rentas

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



1935

**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.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

M6021

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Rc. 8/5/24

1936

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57023** | 24002546 | Nitric Acid | |
| **Lot Number:** | **062424** | | | |
| **Description:** | **Vanadium (V)** | | | |
| | | 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 | |

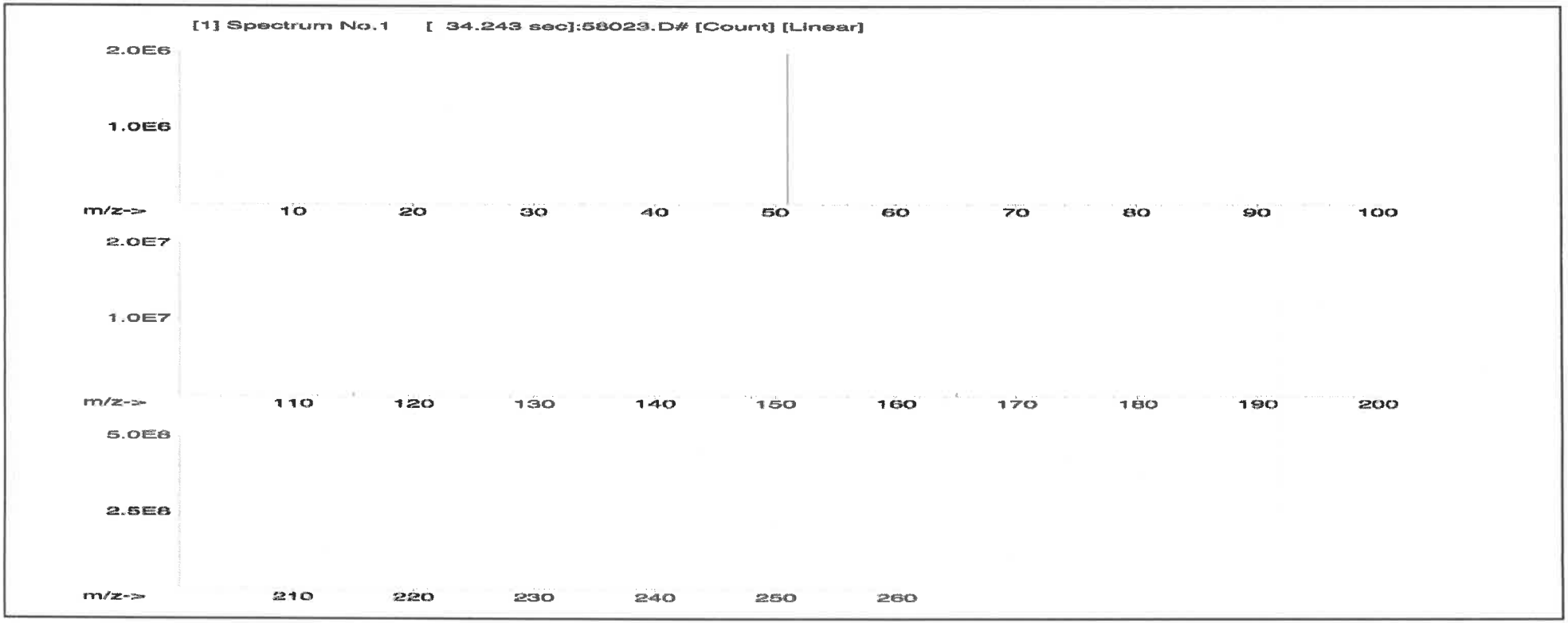
Aleah O'Brady

| 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 |



1937

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | 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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* 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).

Alliance TECHNICAL GROUP

**Water Metals Preparation Sheet**

PB165859

**SOP ID :** M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

**SDG No :** MJNKK3,MJNKA0,MJNKA1,MJNL27, ME2927 **Start Digest Date:** 12/26/2024 **Time :** 11:50 **Temp :** 96 °C

**Matrix :** WATER **End Digest Date:** 12/26/2024 **Time :** 14:00 **Temp :** 96 °C

**Pippete ID:** ICP A **Digestion tube ID:** M5595

**Balance ID :** N/A **Block thermometer ID:** MET-DIG. #1

**Filter paper ID :** N/A **Dig Technician Signature:** SKg

**pH Strip ID :** M6069 **Supervisor Signature:**

**Hood ID :** #3 **Temp :** **1.** 96°C **2.** N/A

**Block ID:** **1.** HOT BLOCK #1 **2.** N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| LCSW | 0.50 | MP83670, MP83802 |
| Spike Sol. B | 0.50 | MP83671 |
| Spike Sol 1 | 0.0025 | M5976 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| 1:1 HNO3 | 1.00 | MP83498 |
| 1:1 HCL | 050 | MP83499 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK#1 CELL#55 : 96

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 12/26/24 15:00 | SBS / dig. dept. | Metals Lab |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Water Metals Preparation Sheet**

**PB165859**

| Lab Sample ID | Client Sample ID | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| P5254-12 | MJNLG1 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 1 |
| P5255-07 | MJNLC3 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 2 |
| P5347-01 | MJNBZ9 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 3 |
| P5347-02 | MJNBZ9D | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 4 |
| P5347-03 | MJNBZ9S | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | MP83671 | 5 |
| P5347-04 | MJNC00 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 6 |
| P5354-01 | ME2927 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 7 |
| P5354-02 | ME2928 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 8 |
| P5354-03 | ME2928D | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 9 |
| P5354-04 | ME2928S | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | MP83671 | 10 |
| P5363-14 | MJNLE3 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 11 |
| P5363-15 | MJNLF9 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 12 |
| P5363-16 | MJNLG0 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 13 |
| P5364-20 | MJNLC4 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 14 |
| PB165859BL | PBW859 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | N/A | 15 |
| PB165859BS | LCS859 | <2 | 50 | 50 | Colorless | Colorless | Clear | Clear | MP83670,MP83802 | 16 |

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

PB165880

**SOP ID :** M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

**SDG No :** MJNBZ5

**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. HG HOT BLOCK #2 2. N/A

**Start Digest Date:** 12/27/2024 **Time :** 10:05 **Temp :** 96 °C

**End Digest Date:** 12/27/2024 **Time :** 10:35 **Temp :** 96 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** MET-DIG. #2

**Dig Technician Signature:** SJ

**Supervisor Signature:**

**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:**

HG HOT BLOCK #2 CELL #34 TEMP :96 C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 12/27/24 12:35 | SJ. met digestion | [signature] |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

**PB165880**

| Lab Sample ID | Client Sample ID | pH | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| P5347-05 | MJNBZ5 | N/A | 1.31 | 500 | Brown | Yellow | Medium | N/A | N/A | 1 |
| P5347-06 | MJNBZ5D | N/A | 1.39 | 500 | Brown | Yellow | Medium | N/A | N/A | 2 |
| P5347-07 | MJNBZ5S | N/A | 1.43 | 500 | Brown | Yellow | Medium | N/A | MP83671 | 3 |
| PB165880BL | PBS880 | N/A | 1.00 | 500 | Colorless | Colorless | Fine | N/A | N/A | 4 |
| PB165880BS | LCS880 | N/A | 1.00 | 500 | Colorless | Colorless | Fine | N/A | MP83781 | 5 |

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 | MP83670,MP83669 |
| 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 |

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 | MP83670,MP83669 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | P5306-02LDL | OU4-VSL-07-121224L | SD | 12/27/24 16:04 | Not Use | Jaswal | Not Ok |
| 20 | P5306-02MSDL | OU4-VSL-07-121224 | 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 | MP83670,MP83669 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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 | | Jaswal | OK |
| 53 | PB165859BS | LCS859 | LCS | 12/27/24 17:55 | | Jaswal | 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 | MP83670,MP83669 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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 | Not Use | Jaswal | Not Ok |
| 65 | P5364-07 | MJNKB1D | DUP | 12/27/24 18:43 | Not Use | Jaswal | Not Ok |
| 66 | P5364-06L | MJNKB1L | SD | 12/27/24 18:46 | Not Use | Jaswal | Not Ok |
| 67 | P5364-08 | MJNKB1S | MS | 12/27/24 18:49 | Not Use | Jaswal | Not Ok |
| 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 | MP83670,MP83669 |
| 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 | MP83670,MP83669 |
| 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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**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 | MP83670,MP83669 |
| Chk Standard | MP83635,MP83634 |

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|---|---|---|---|---|---|---|---|
| 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 | MP83670,MP83669 |
| 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 | Not Use | Jaswal | Not Ok |
| 138 | P5364-07DL | MJNKB1D | DUP | 12/27/24 23:57 | Not Use | Jaswal | Not Ok |
| 139 | P5364-06LDL | MJNKB1L | SD | 12/28/24 | Not Use | Jaswal | Not Ok |
| 140 | P5364-08DL | MJNKB1S | MS | 12/28/24 00:03 | Not Use | Jaswal | Not Ok |
| 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 | Not Use | Jaswal | Not Ok |
| 146 | P5364-07DL3 | MJNKB1D | DUP | 12/28/24 00:22 | Not Use | Jaswal | Not Ok |
| 147 | P5364-06LDL3 | MJNKB1L | SD | 12/28/24 00:25 | Not Use | Jaswal | Not Ok |
| 148 | P5364-08DL3 | MJNKB1S | MS | 12/28/24 00:28 | Not Use | Jaswal | Not Ok |
| 149 | P5364-05DL | MJNKB0 | SAM | 12/28/24 00:32 | 2X For As | Jaswal | Confirms |
| 150 | P5364-09DL | MJNKB2 | SAM | 12/28/24 00:35 | 5X For As,Zn , Still As High | Jaswal | Dilution |
| 151 | P5364-09DL2 | MJNKB2 | SAM | 12/28/24 00:38 | 20X for As | Jaswal | Confirms |
| 152 | P5364-11DL | MJNKB4 | SAM | 12/28/24 00:41 | 2X For As,Zn , Still As High | Jaswal | Dilution |
| 153 | P5364-11DL2 | MJNKB4 | SAM | 12/28/24 00:44 | Not Use | Jaswal | Not Ok |

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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 | MP83670,MP83669 |
| Chk Standard | MP83635,MP83634 |

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|---|---|---|---|---|---|---|---|
| 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 | MP83670,MP83669 |
| 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 | 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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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134140

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 1/2/2025 10:27:19 PM |
| Supervise By | Mohan Bera | Supervise On | 1/2/2025 10:28:08 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 | MP83802 |
| Chk Standard | MP83635,MP83634 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | TUNE | TUNE | TUNE | 12/27/24 14:06 | | Jaswal | OK |
| 2 | S00 | S00 | 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 | ICV003 | ICV003 | ICV | 12/27/24 15:30 | | Jaswal | OK |
| 12 | ICB003 | ICB003 | ICB | 12/27/24 15:38 | | Jaswal | OK |
| 13 | ICSA003 | ICSA003 | ICSA | 12/27/24 15:42 | | Jaswal | OK |
| 14 | ICSAB003 | ICSAB003 | ICSAB | 12/27/24 15:45 | | Jaswal | OK |
| 15 | CCV021 | CCV021 | CCV | 12/27/24 15:48 | | Jaswal | OK |
| 16 | CCB021 | CCB021 | 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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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134140

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 1/2/2025 10:27:19 PM |
| Supervise By | Mohan Bera | Supervise On | 1/2/2025 10:28:08 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 | MP83802 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | P5306-02LDL | OU4-VSL-07-121224L | SD | 12/27/24 16:04 | Not Use | Jaswal | Not Ok |
| 20 | P5306-02MSDL | OU4-VSL-07-121224 | MSD | 12/27/24 16:07 | Not Use | Jaswal | Not Ok |
| 21 | P5306-02MSDDL | OU4-VSL-07-121224 | MSD | 12/27/24 16:10 | Not Use | Jaswal | Not Ok |
| 22 | P5306-02ADL | OU4-VSL-07-121224A | PS | 12/27/24 16:13 | Not Use | Jaswal | Not Ok |
| 23 | P5306-08DL | OU4-VSL-10-121224 | SAM | 12/27/24 16:16 | Not Use | Jaswal | Not Ok |
| 24 | P5306-10DL | OU4-VSL-11-121224 | SAM | 12/27/24 16:19 | Not Use | Jaswal | Not Ok |
| 25 | CCV022 | CCV022 | CCV | 12/27/24 16:23 | | Jaswal | OK |
| 26 | CCB022 | CCB022 | CCB | 12/27/24 16:25 | | Jaswal | OK |
| 27 | PB165821BL | PBS821 | MB | 12/27/24 16:29 | Not Use | Jaswal | Not Ok |
| 28 | PB165821BS | LCS821 | LCS | 12/27/24 16:32 | Not Use | Jaswal | Not Ok |
| 29 | P5255-02A | MJNL72A | PS | 12/27/24 16:35 | Not Use | Jaswal | Not 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 | Not Use | Jaswal | Not Ok |
| 32 | P5271-06A | MJNKC7A | PS | 12/27/24 16:47 | Not Use | Jaswal | Not Ok |
| 33 | P5266-04 | ME28Y9 | SAM | 12/27/24 16:50 | Not Use | Jaswal | Not Ok |
| 34 | P5266-19 | ME28Y9D | DUP | 12/27/24 16:53 | Not Use | Jaswal | Not Ok |
| 35 | P5266-04L | ME28Y9L | SD | 12/27/24 16:57 | Not Use | Jaswal | Not Ok |
| 36 | P5266-20 | ME28Y9S | MS | 12/27/24 17:00 | Not Use | Jaswal | Not Ok |
| 37 | P5266-17 | ME2902 | SAM | 12/27/24 17:03 | Not Use | Jaswal | Not Ok |
| 38 | P5266-18 | ME2903 | SAM | 12/27/24 17:06 | Not Use | Jaswal | Not Ok |

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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134140

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 1/2/2025 10:27:19 PM |
| Supervise By | Mohan Bera | Supervise On | 1/2/2025 10:28:08 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 | MP83802 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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 | Not Use | Jaswal | Not Ok |
| 41 | P5250-02 | MJNBZ3 | SAM | 12/27/24 17:16 | Not Use | Jaswal | Not Ok |
| 42 | P5256-01A | MJNL92A | PS | 12/27/24 17:20 | Not Use | Jaswal | Not Ok |
| 43 | P5250-03 | MJNBZ4 | SAM | 12/27/24 17:23 | Not Use | Jaswal | Not Ok |
| 44 | P5250-04 | MJNBZ7 | SAM | 12/27/24 17:26 | Not Use | Jaswal | Not Ok |
| 45 | P5250-05 | MJNBZ8 | SAM | 12/27/24 17:29 | Not Use | Jaswal | Not 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 | Not Use | Jaswal | Not Ok |
| 51 | PB165880BS | LCS880 | LCS | 12/27/24 17:49 | Not Use | Jaswal | Not Ok |
| 52 | PB165859BL | PBW859 | MB | 12/27/24 17:52 | | Jaswal | OK |
| 53 | PB165859BS | LCS859 | LCS | 12/27/24 17:55 | | Jaswal | OK |
| 54 | CCV023 | CCV023 | CCV | 12/27/24 18:01 | | Jaswal | OK |
| 55 | CCB023 | CCB023 | CCB | 12/27/24 18:11 | | Jaswal | OK |
| 56 | PB165867BL | PBS867 | MB | 12/27/24 18:14 | Not Usem | Jaswal | Not Ok |
| 57 | PB165867BS | LCS867 | LCS | 12/27/24 18:18 | Not Use | Jaswal | Not Ok |
| 58 | PB165866BL | PBS866 | MB | 12/27/24 18:21 | Not Use | Jaswal | Not Ok |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134140

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 1/2/2025 10:27:19 PM |
| Supervise By | Mohan Bera | Supervise On | 1/2/2025 10:28:08 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 | MP83802 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 59 | PB165866BS | LCS866 | LCS | 12/27/24 18:24 | Not Use | Jaswal | Not Ok |
| 60 | P5347-05 | MJNBZ5 | SAM | 12/27/24 18:28 | Not Use | Jaswal | Not Ok |
| 61 | P5347-06 | MJNBZ5D | DUP | 12/27/24 18:31 | Not Use | Jaswal | Not Ok |
| 62 | P5347-05L | MJNBZ5L | SD | 12/27/24 18:34 | Not Use | Jaswal | Not Ok |
| 63 | P5347-07 | MJNBZ5S | MS | 12/27/24 18:37 | Not Use | Jaswal | Not Ok |
| 64 | P5364-06 | MJNKB1 | SAM | 12/27/24 18:40 | Not Use | Jaswal | Not Ok |
| 65 | P5364-07 | MJNKB1D | DUP | 12/27/24 18:43 | Not Use | Jaswal | Not Ok |
| 66 | P5364-06L | MJNKB1L | SD | 12/27/24 18:46 | Not Use | Jaswal | Not Ok |
| 67 | P5364-08 | MJNKB1S | MS | 12/27/24 18:49 | Not Use | Jaswal | Not Ok |
| 68 | P5352-04 | ME2926 | SAM | 12/27/24 18:52 | Not Use | Jaswal | Not Ok |
| 69 | P5352-05 | ME2926D | DUP | 12/27/24 18:56 | Not Use | Jaswal | Not Ok |
| 70 | P5352-04L | ME2926L | SD | 12/27/24 18:59 | Not Use | Jaswal | Not Ok |
| 71 | P5352-06 | ME2926S | MS | 12/27/24 19:02 | Not Use | Jaswal | Not Ok |
| 72 | P5363-06 | MJNKA6 | SAM | 12/27/24 19:05 | Not Use | Jaswal | Not Ok |
| 73 | P5363-07 | MJNKA6D | DUP | 12/27/24 19:08 | Not Use | Jaswal | Not Ok |
| 74 | P5363-06L | MJNKA6L | SD | 12/27/24 19:11 | Not Use | Jaswal | Not Ok |
| 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 | | Jaswal | OK |
| 77 | CCV024 | CCV024 | CCV | 12/27/24 19:21 | | Jaswal | OK |
| 78 | CCB024 | CCB024 | CCB | 12/27/24 19:24 | | Jaswal | OK |

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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134140

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 1/2/2025 10:27:19 PM |
| Supervise By | Mohan Bera | Supervise On | 1/2/2025 10:28:08 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 | MP83802 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 79 | P5347-02 | MJNBZ9D | DUP | 12/27/24 19:27 | | Jaswal | OK |
| 80 | P5347-01L | MJNBZ9L | SD | 12/27/24 19:31 | | Jaswal | OK |
| 81 | P5347-03 | MJNBZ9S | MS | 12/27/24 19:34 | | Jaswal | OK |
| 82 | P5354-02 | ME2928 | SAM | 12/27/24 19:37 | Not Use | Jaswal | Not Ok |
| 83 | P5354-03 | ME2928D | DUP | 12/27/24 19:40 | Not Use | Jaswal | Not Ok |
| 84 | P5354-02L | ME2928L | SD | 12/27/24 19:44 | Not Use | Jaswal | Not Ok |
| 85 | P5354-04 | ME2928S | MS | 12/27/24 19:47 | Not Use | Jaswal | Not Ok |
| 86 | P5254-12 | MJNLG1 | SAM | 12/27/24 19:50 | Not Use | Jaswal | Not Ok |
| 87 | P5255-07 | MJNLC3 | SAM | 12/27/24 19:54 | Not Use | Jaswal | Not Ok |
| 88 | P5347-04 | MJNC00 | SAM | 12/27/24 19:57 | | Jaswal | OK |
| 89 | P5354-01 | ME2927 | SAM | 12/27/24 20:00 | Not Use | Jaswal | Not Ok |
| 90 | P5363-14 | MJNLE3 | SAM | 12/27/24 20:04 | Not Use | Jaswal | Not Ok |
| 91 | P5363-15 | MJNLF9 | SAM | 12/27/24 20:07 | Not Use | Jaswal | Not Ok |
| 92 | P5363-16 | MJNLG0 | SAM | 12/27/24 20:10 | Not Use | Jaswal | Not Ok |
| 93 | P5364-20 | MJNLC4 | SAM | 12/27/24 20:13 | Not Use | Jaswal | Not Ok |
| 94 | P5364-01 | MJNKA1 | SAM | 12/27/24 20:17 | Not Use | Jaswal | Not Ok |
| 95 | P5364-02 | MJNKA7 | SAM | 12/27/24 20:20 | Not Use | Jaswal | Not Ok |
| 96 | P5364-03 | MJNKA8 | SAM | 12/27/24 20:23 | Not Use | Jaswal | Not Ok |
| 97 | P5364-04 | MJNKA9 | SAM | 12/27/24 20:26 | Not Use | Jaswal | Not Ok |
| 98 | P5364-05 | MJNKB0 | SAM | 12/27/24 20:29 | Not Use | Jaswal | Not Ok |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134140

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 1/2/2025 10:27:19 PM |
| Supervise By | Mohan Bera | Supervise On | 1/2/2025 10:28:08 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 | MP83802 |
| Chk Standard | MP83635,MP83634 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 99 | P5364-09 | MJNKB2 | SAM | 12/27/24 20:32 | Not Use | Jaswal | Not Ok |
| 100 | P5364-10 | MJNKB3 | SAM | 12/27/24 20:36 | Not Use | Jaswal | Not Ok |
| 101 | P5364-11 | MJNKB4 | SAM | 12/27/24 20:39 | Not Use | Jaswal | Not Ok |
| 102 | P5364-12 | MJNKB5 | SAM | 12/27/24 20:42 | Not Use | Jaswal | Not Ok |
| 103 | P5364-13 | MJNKB9 | SAM | 12/27/24 20:45 | Not Use | Jaswal | Not Ok |
| 104 | P5364-14 | MJNKC1 | SAM | 12/27/24 20:49 | Not Use | Jaswal | Not Ok |
| 105 | P5364-15 | MJNKC2 | SAM | 12/27/24 20:52 | Not Use | Jaswal | Not Ok |
| 106 | CCV025 | CCV025 | CCV | 12/27/24 20:55 | | Jaswal | OK |
| 107 | CCB025 | CCB025 | CCB | 12/27/24 21:06 | | Jaswal | OK |

EPA SAMPLE NO.

MJNBZ5

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.: MJNBZ5

Matrix: SOIL Lab Sample ID: P5347-05

% Solids: 62.5 Date Received: 12/19/2024

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 | 0.17 | | 01/07/2025 | 1018 |

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

Comments:

EPA SAMPLE NO.

MJNBZ9

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.: MJNBZ5

Matrix: Water Lab Sample ID: P5347-01

% Solids: Date Received: 12/19/2024

Analytical Method: Hg

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

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.20 | U | 01/02/2025 | 1423 |

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

Comments:

EPA SAMPLE NO.

MJNC00

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.: MJNBZ5

Matrix: Water Lab Sample ID: P5347-04

% Solids: Date Received: 12/19/2024

Analytical Method: Hg

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

| CAS No. | Analyte | Concentration | Q | Date Analyzed | Time Analyzed |
|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.20 | U | 01/02/2025 | 1425 |

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

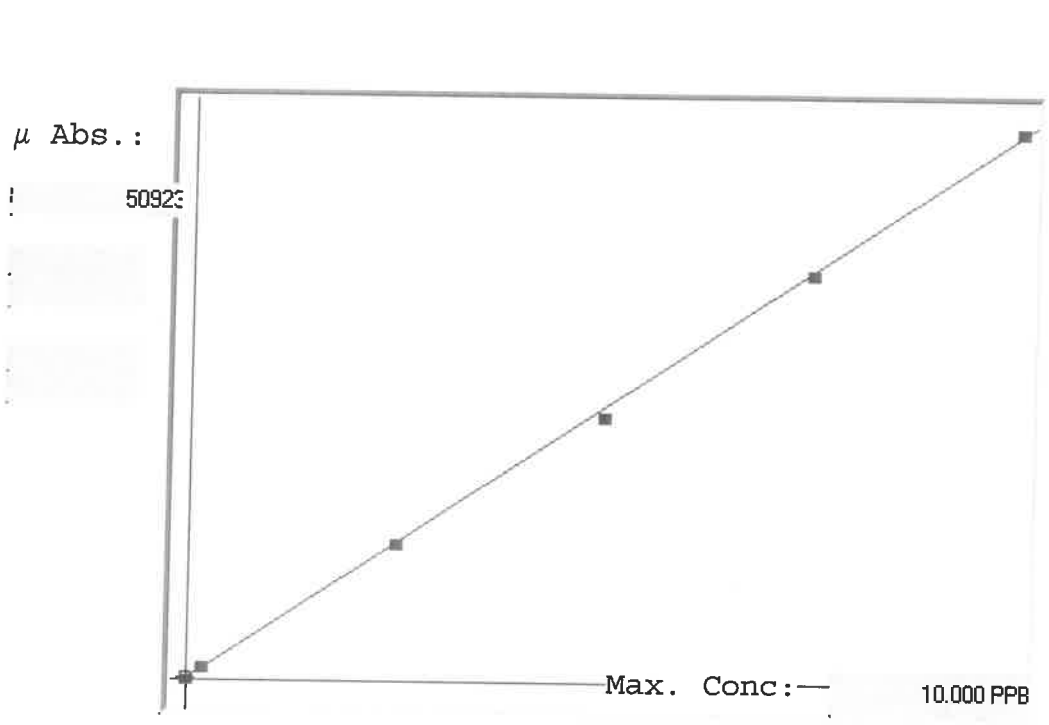
Comments:

Reviewed By:mohan
On:1/2/2025 10:58:15 PM
Inst Id :CV1

LB134147

SFAM01.1

INSTRUMENT ID: CV1




A= 0.0000e+000

B= 1.9840e-004 slope

C= -2.4278e-002 y-intercept

Rho= 0.9998018

Accept= Accepted

| Std ID | Conc. | Calc. | Dev. | Mean | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | % D |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.000 | 0.033 | 0.033 | 288 | 0.000 | 288 | 0 | | | | = |
| 0.05 | 0.050 | | | | | 442 | 0 | | | | 22 |
| 0.20 | 0.200 | 0.243 | 0.043 | 1349 | 0.0 % | 1349 | | | | | 0 |
| 2.50 | 2.500 | 2.509 | 0.009 | 12769 | 0.0 % | 12769 | | | | | -3 |
| 5.00 | 5.000 | 4.848 | -0.152 | 24560 | 0.0 % | 24560 | | | | | 0 |
| 7.50 | 7.500 | 7.488 | -0.012 | 37864 | 0.0 % | 37864 | | | | | |
| 10.0 | 10.000 | 10.079 | 0.079 | 50923 | 0.0 % | 50923 | | | | | 1 |

Reviewed By:mohan
On:1/2/2025 10:58:15 PM
Inst Id :CV1

LB134147

INSTRUMENT ID : CV1

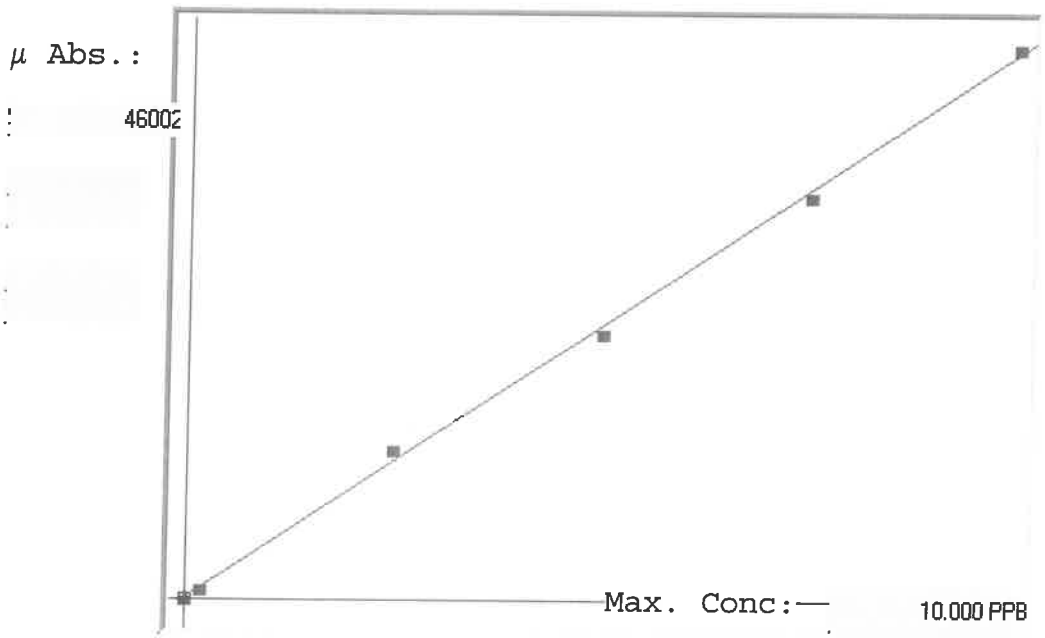
| Sample ID | Extended ID | µ Abs. | Conc. | | Stnd Conc | Method | Units | Date | Type |
|---|---|---|---|---|---|---|---|---|---|
| 0 | S0 | 288 | - | | 0 | SFAM01.1 | PPB | 1/2/2025 13:48 | Std |
| 0.2 | S01 | 1349 | - | | 0.2 | SFAM01.1 | PPB | 1/2/2025 13:50 | Std |
| 2.5 | S02 | 12769 | - | | 2.5 | SFAM01.1 | PPB | 1/2/2025 13:52 | Std |
| 5 | S03 | 24560 | - | | 5 | SFAM01.1 | PPB | 1/2/2025 13:55 | Std |
| 7.5 | S04 | 37864 | - | | 7.5 | SFAM01.1 | PPB | 1/2/2025 13:57 | Std |
| 10 | S05 | 50923 | - | | 10 | SFAM01.1 | PPB | 1/2/2025 14:06 | Std |
| ICV040 | ICV040 | 19947 | 3.9331 | - | | SFAM01.1 | PPB | 1/2/2025 14:12 | SMPL |
| ICB040 | ICB040 | 132 | 0.0019 | - | | SFAM01.1 | PPB | 1/2/2025 14:14 | SMPL |
| CCV094 | CCV094 | 24381 | 4.8128 | - | | SFAM01.1 | PPB | 1/2/2025 14:16 | SMPL |
| CCB094 | CCB094 | 50 | -0.0144 | - | | SFAM01.1 | PPB | 1/2/2025 14:19 | SMPL |
| PB165943BL | PBW943 | 59 | -0.0126 | - | | SFAM01.1 | PPB | 1/2/2025 14:21 | SMPL |
| P5347-01 | MJNBZ9 | 233 | 0.0219 | - | | SFAM01.1 | PPB | 1/2/2025 14:23 | SMPL |
| P5347-04 | MJNC00 | 132 | 0.0019 | - | | SFAM01.1 | PPB | 1/2/2025 14:25 | SMPL |
| P5347-08 | MJNC00D | 53 | -0.0138 | - | | SFAM01.1 | PPB | 1/2/2025 14:28 | SMPL |
| P5347-09 | MJNC00S | 4948 | 0.9574 | - | | SFAM01.1 | PPB | 1/2/2025 14:30 | SMPL |
| P5354-01 | ME2927 | 25 | -0.0193 | - | | SFAM01.1 | PPB | 1/2/2025 14:32 | SMPL |
| P5354-02 | ME2928 | 46 | -0.0152 | - | | SFAM01.1 | PPB | 1/2/2025 14:34 | SMPL |
| P5354-03 | ME2928D | 42 | -0.0159 | - | | SFAM01.1 | PPB | 1/2/2025 14:37 | SMPL |
| P5354-04 | ME2928S | 4702 | 0.9086 | - | | SFAM01.1 | PPB | 1/2/2025 14:39 | SMPL |
| CCV095 | CCV095 | 23695 | 4.6767 | - | | SFAM01.1 | PPB | 1/2/2025 14:41 | SMPL |
| CCB095 | CCB095 | 98 | -0.0048 | - | | SFAM01.1 | PPB | 1/2/2025 14:44 | SMPL |

Reviewed By:jaswal
On:1/7/2025 9:44:12 PM
Inst Id :CV1

LB134179

SFAM01.1 INSTRUMENT ID: CV1

Linear




A= 0.0000e+000

B= 2.2002e-004 slope

C= -2.6529e-002 y-intercept

Rho= 0.9994343

Accept=Accepted

| Std ID | Conc. | Calc. | Dev. | Mean | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | %D |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.000 | -0.019 | -0.019 | 36 | 0.000 | 36 | 0 | | | | = |
| 0.05 | 0.050 | | | | | 442 | 0 | | | | -19 |
| 0.20 | 0.200 | 0.162 | -0.038 | 859 | 0.0 % | 859 | | | | | 9 |
| 2.50 | 2.500 | 2.719 | 0.219 | 12480 | 0.0 % | 12480 | | | | | -3 |
| 5.00 | 5.000 | 4.859 | -0.141 | 22203 | 0.0 % | 22203 | | | | | -2 |
| 7.50 | 7.500 | 7.383 | -0.117 | 33679 | 0.0 % | 33679 | | | | | 1 |
| 10.0 | 10.000 | 10.095 | 0.095 | 46002 | 0.0 % | 46002 | | | | | |

Reviewed By:jaswal
On:1/7/2025 9:44:12 PM
Inst Id :CV1

LB134177

INSTRUMENT ID : CV1

| Sample ID | Extended ID | µ Abs. | Conc. | | Stnd Conc | Method | Units | Date | Type |
|---|---|---|---|---|---|---|---|---|---|
| 0 | S0 | 36 | - | | 0 | SFAM01.1 | PPB | 1/7/2025 9:24 | Std |
| 0.2 | S01 | 859 | - | | 0.2 | SFAM01.1 | PPB | 1/7/2025 9:26 | Std |
| 2.5 | S02 | 12480 | - | | 2.5 | SFAM01.1 | PPB | 1/7/2025 9:29 | Std |
| 5 | S03 | 22203 | - | | 5 | SFAM01.1 | PPB | 1/7/2025 9:34 | Std |
| 7.5 | S04 | 33679 | - | | 7.5 | SFAM01.1 | PPB | 1/7/2025 9:41 | Std |
| 10 | S05 | 46002 | - | | 10 | SFAM01.1 | PPB | 1/7/2025 9:53 | Std |
| ICV046 | ICV046 | 18813 | 4.1127 | - | | SFAM01.1 | PPB | 1/7/2025 9:58 | SMPL |
| ICB046 | ICB046 | 7 | -0.025 | - | | SFAM01.1 | PPB | 1/7/2025 10:04 | SMPL |
| CCV009 | CCV009 | 23712 | 5.1906 | - | | SFAM01.1 | PPB | 1/7/2025 10:06 | SMPL |
| CCB009 | CCB009 | -115 | -0.0518 | - | | SFAM01.1 | PPB | 1/7/2025 10:09 | SMPL |
| PB165969BL | PBS969 | 341 | 0.0485 | - | | SFAM01.1 | PPB | 1/7/2025 10:11 | SMPL |
| P5347-05 | MJNBZ5 | 2837 | 0.5977 | - | | SFAM01.1 | PPB | 1/7/2025 10:18 | SMPL |
| P5347-06 | MJNBZ5D | 2533 | 0.5308 | - | | SFAM01.1 | PPB | 1/7/2025 10:20 | SMPL |
| P5347-07 | MJNBZ5S | 13471 | 2.9373 | - | | SFAM01.1 | PPB | 1/7/2025 10:23 | SMPL |
| P5352-01 | ME2922 | 820 | 0.1539 | - | | SFAM01.1 | PPB | 1/7/2025 10:25 | SMPL |
| P5352-02 | ME2924 | 1003 | 0.1942 | - | | SFAM01.1 | PPB | 1/7/2025 10:27 | SMPL |
| P5352-03 | ME2925 | 1444 | 0.2912 | - | | SFAM01.1 | PPB | 1/7/2025 10:29 | SMPL |
| P5352-04 | ME2926 | 799 | 0.1493 | - | | SFAM01.1 | PPB | 1/7/2025 10:37 | SMPL |
| P5352-05 | ME2926D | 753 | 0.1391 | - | | SFAM01.1 | PPB | 1/7/2025 10:40 | SMPL |
| P5352-06 | ME2926S | 10587 | 2.3028 | - | | SFAM01.1 | PPB | 1/7/2025 10:42 | SMPL |
| CCV010 | CCV010 | 23129 | 5.0623 | - | | SFAM01.1 | PPB | 1/7/2025 10:47 | SMPL |
| CCB010 | CCB010 | 30 | -0.0199 | - | | SFAM01.1 | PPB | 1/7/2025 10:52 | SMPL |

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# Prep Standard - Chemical Standard Summary

**Order ID :** P5347

**Test :** Mercury

**Prepbatch ID :** PB165943,PB165969,

**Sequence ID/Qc Batch ID:** LB134147,LB134177,

**Standard ID :**
MP83691,MP83692,MP83693,MP83694,MP83837,MP83838,MP83839,MP83840,MP83841,MP83842,MP83843,MP838
45,MP838465,MP83847,MP83848,MP83852,MP83872,MP83873,MP83874,MP83875,MP83876,MP83877,MP83878,M
P83879,MP83880,MP83881,MP83885,MP838MP83882,MP83900,

**Chemical ID :**
M4371,M4465,M4916,M5062,M5532,M5882,M5884,M6041,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 |
|---|---|---|---|---|---|---|---|---|
| 3965 | 2:1 H2SO4 : HNO3 | MP83691 | 12/18/2024 | 06/03/2025 | Mohan Bera | None | None | Sarabjit Jaswal 12/18/2024 |

**FROM** 1600.00000ml of M6041 + 800.00000ml of M6126 = Final Quantity: 3200.000 ml

| 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

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 66 | POTASSIUM PERSULFATE SOLUTION 5 % | MP83693 | 12/18/2024 | 06/18/2025 | Mohan Bera | METALS_SCALE_3 (M SC-3) | None | Sarabjit Jaswal 12/18/2024 |

**FROM** 100.00000ml of M4465 + 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. | MP83837 | 01/02/2025 | 01/03/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/02/2025 |

**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 | MP83838 | 01/02/2025 | 01/03/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/02/2025 |

**FROM** 2.50000ml of M6126 + 247.50000ml of W3112 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1341 | Hg 0.2 PPB STD | MP83839 | 01/02/2025 | 01/03/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/02/2025 |

**FROM** 2.50000ml of M6126 + 247.30000ml of W3112 + 0.20000ml of MP83837 = 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 | MP83840 | 01/02/2025 | 01/03/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/02/2025 |

**FROM** 2.50000ml of M6126 + 245.00000ml of W3112 + 2.50000ml of MP83837 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1343 | Hg 5.0 PPB STD | MP83841 | 01/02/2025 | 01/03/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/02/2025 |

**FROM** 2.50000ml of M6126 + 242.50000ml of W3112 + 5.00000ml of MP83837 = 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 | MP83842 | 01/02/2025 | 01/03/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/02/2025 |

**FROM** 2.50000ml of M6126 + 240.00000ml of W3112 + 7.50000ml of MP83837 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1345 | Hg 10.0 PPB STD | MP83843 | 01/02/2025 | 01/03/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/02/2025 |

**FROM** 2.50000ml of M6126 + 237.50000ml of W3112 + 10.00000ml of MP83837 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1346 | Hg ICV SOLUTION | MP83845 | 01/02/2025 | 01/03/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/02/2025 |

**FROM** 2.50000ml of M5532 + 2.50000ml of M6126 + 245.00000ml of W3112 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1358 | CCV (Hg 5.0 PPB SOLUTION) | MP83847 | 01/02/2025 | 01/03/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/02/2025 |

**FROM** 485.00000ml of W3112 + 5.00000ml of M6126 + 10.00000ml of MP83837 = Final Quantity: 500.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1352 | CCB (Hg 0.00 PPB SOLUTION) | MP83848 | 01/02/2025 | 01/03/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/02/2025 |

**FROM** 495.00000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 500.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 68 | STANNOUS CHLORIDE SOLUTION | MP83852 | 01/02/2025 | 01/03/2025 | Mohan Bera | METALS_SCALE_3 (M SC-3) | None | Sarabjit Jaswal 01/02/2025 |

**FROM** 450.00000ml of W3112 + 50.00000gram of M5882 + 50.00000ml of M6121 = Final Quantity: 500.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 871 | MERCURY INTERMEDIATE B 250PPB WORKING STD. | MP83872 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**FROM** 1.00000ml of M6126 + 2.50000ml of M5062 + 96.50000ml of W3112 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1340 | Hg 0.00 PPB STD | MP83873 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|
| 1341 | Hg 0.2 PPB STD | MP83874 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**FROM** 2.50000ml of M6126 + 247.30000ml of W3112 + 0.20000ml of MP83872 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1342 | Hg 2.5 PPB STD | MP83875 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**FROM** 2.50000ml of M6126 + 245.00000ml of W3112 + 2.50000ml of MP83872 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1343 | Hg 5.0 PPB STD | MP83876 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**FROM** 2.50000ml of M6126 + 242.50000ml of W3112 + 5.00000ml of MP83872 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1344 | Hg 7.5 PPB STD | MP83877 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**FROM** 2.50000ml of M6126 + 240.00000ml of W3112 + 7.50000ml of MP83872 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1345 | Hg 10.0 PPB STD | MP83878 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**FROM** 2.50000ml of M6126 + 237.50000ml of W3112 + 10.00000ml of MP83872 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1346 | Hg ICV SOLUTION | MP83879 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**FROM** 2.50000ml of M5532 + 2.50000ml of M6126 + 245.00000ml of W3112 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1351 | ICB (Hg 0.00 PPB SOLUTION) | MP83880 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**FROM** 2.50000ml of M6126 + 247.50000ml of W3112 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1358 | CCV (Hg 5.0 PPB SOLUTION) | MP83881 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**FROM** 485.00000ml of W3112 + 5.00000ml of M6126 + 10.00000ml of MP83872 = 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 | MP83885 | 01/06/2025 | 01/07/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 01/07/2025 |

**FROM** 150.00000ml of M6121 + 50.00000ml of M6126 = Final Quantity: 200.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 68 | STANNOUS CHLORIDE SOLUTION | MP83900 | 01/07/2025 | 01/08/2025 | Mohan Bera | METALS_SCALE_3 (M SC-3) | None | Sarabjit Jaswal 01/07/2025 |

**FROM** 450.00000ml of W3112 + 50.00000gram of M5882 + 50.00000ml of M6121 = Final Quantity: 500.000 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 # |
|---|---|---|---|---|---|---|
| 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-3238-05 / Potassium Persulfate (2.5kg) | 0000234156 | 08/06/2025 | 07/23/2019 / jaswal | 07/25/2019 / manojkumar | M4465 |

| 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 # |
|---|---|---|---|---|---|---|
| EPA | ICV-5 / ICV ( HG ) STOCK SOLN | ICV5-0415 | 02/28/2025 | 01/02/2025 / jaswal | 03/30/2023 / mohan | M5532 |

| 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 |

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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-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 # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L) | 23D2462010 | 03/20/2028 | 08/16/2024 / mohan | 08/16/2024 / mohan | M6041 |

| 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

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.

1982

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

1983

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.

$$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$$

**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



1985

## 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

## 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

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 |

Sodium Chloride, Crystal
BAKER ANALYZED® A.C.S. Reagent

MF884
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

1991

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M 6041-46
MS

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 23D2462010
Manufactured Date: 2023-03-22
Retest Date: 2028-03-20
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| ACS – Assay ($H_2SO_4$) | 95.0 – 98.0 % | 96.1 % |
| Appearance | Passes Test | Passes Test |
| ACS – Color (APHA) | ≤ 10 | 5 |
| ACS – Residue after Ignition | ≤ 3 ppm | < 1 ppm |
| ACS – Substances Reducing Permanganate (as SO2) | ≤ 2 ppm | < 2 ppm |
| Ammonium ($NH_4$) | ≤ 1 ppm | 1 ppm |
| Chloride (Cl) | ≤ 0.1 ppm | < 0.1 ppm |
| Nitrate ($NO_3$) | ≤ 0.2 ppm | < 0.1 ppm |
| Phosphate ($PO_4$) | ≤ 0.5 ppm | < 0.1 ppm |
| Trace Impurities – Aluminum (Al) | ≤ 30.0 ppb | < 5.0 ppb |
| Arsenic and Antimony (as As) | ≤ 4.0 ppb | < 2.0 ppb |
| Trace Impurities – Boron (B) | ≤ 10.0 ppb | 8.5 ppb |
| Trace Impurities – Cadmium (Cd) | ≤ 2.0 ppb | < 0.3 ppb |
| Trace Impurities – Chromium (Cr) | ≤ 6.0 ppb | < 0.4 ppb |
| Trace Impurities – Cobalt (Co) | ≤ 0.5 ppb | < 0.3 ppb |
| Trace Impurities – Copper (Cu) | ≤ 1.0 ppb | < 0.1 ppb |
| Trace Impurities – Gold (Au) | ≤ 10.0 ppb | 0.5 ppb |
| Heavy Metals (as Pb) | ≤ 500.0 ppb | < 100.0 ppb |
| Trace Impurities – Iron (Fe) | ≤ 50.0 ppb | 1.3 ppb |
| Trace Impurities – Lead (Pb) | ≤ 0.5 ppb | < 0.5 ppb |
| Trace Impurities – Magnesium (Mg) | ≤ 7.0 ppb | 0.8 ppb |
| Trace Impurities – Manganese (Mn) | ≤ 1.0 ppb | < 0.4 ppb |
| Trace Impurities – Mercury (Hg) | ≤ 0.5 ppb | < 0.1 ppb |
| Trace Impurities – Nickel (Ni) | ≤ 2.0 ppb | 0.3 ppb |
| Trace Impurities – Potassium (K) | ≤ 500.0 ppb | < 2.0 ppb |
| Trace Impurities – Selenium (Se) | ≤ 50.0 ppb | < 0.1 ppb |
| Trace Impurities – Silicon (Si) | ≤ 100.0 ppb | 31.5 ppb |
| Trace Impurities – Silver (Ag) | ≤ 1.0 ppb | < 0.3 ppb |

>>> Continued on page 2 >>>



For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 386 1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 23D2462010

| Test | Specification | Result |
|---|---|---|
| Trace Impurities - Sodium (Na) | ≤ 500.0 ppb | 5.4 ppb |
| Trace Impurities - Strontium (Sr) | ≤ 5.0 ppb | < 0.2 ppb |
| Trace Impurities - Tin (Sn) | ≤ 5.0 ppb | < 0.8 ppb |
| Trace Impurities - Zinc (Zn) | ≤ 5.0 ppb | 0.4 ppb |

For Laboratory,Research,or Manufacturing Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier

Jamie Ethier
Vice President Global Quality

1993

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

1994

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

1995

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

1997

Alliance TECHNICAL GROUP

**Water Mercury Preparation Sheet**

PB165943

**SOP ID :** M7470A-Mercury-19, MSFAM01.1-Mercury in Water-2

**SDG No :** MJNBZ5/ME2927

**Matrix :** WATER

**Pippete ID:** HG A

**Balance ID :** N/A

**Filter paper ID :** NA

**pH Strip ID :** M6069

**Hood ID :** #1

**Block ID:** 1. HG HOT BLOCK#2 2. N/A

**Start Digest Date:** 01/02/2025 **Time :** 09:25 **Temp :** 94 °C

**End Digest Date:** 01/02/2025 **Time :** 11:25 **Temp :** 95 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** HG-DIG#2

**Dig Technician Signature:** MB

**Supervisor Signature:** IZ

**Temp :** 1. 94°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| ICV | 100mL | MP83845 |
| CCV | 100mL | MP83847 |
| Matrix Spike | 0.40mL | MP83837 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| HNO3/H2SO4(1:2) | 7.5mL | MP83691 |
| KMnO4 (5%) | 15.0mL | MP83692 |
| K2S2O8 (5%) | 8.0mL | MP83693 |
| 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 |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---|---|---|---|
| 0.0 ppb | S0 | 100mL | MP83838 |
| 0.05 ppb | S0.05 | N/A | N/A |
| 0.2 ppb | S0.2 | 100mL | MP83839 |
| 2.5 ppb | S2.5 | 100mL | MP83840 |
| 5.0 ppb | S5.0 | 100mL | MP83841 |
| 7.5 ppb | S7.5 | 100mL | MP83842 |
| 10.0 ppb | S10.0 | 100mL | MP83843 |
| ICV | ICV | 100mL | MP83845 |
| ICB | ICB | 100mL | MP83846 |
| CCV | CCV | 100mL | MP83847 |
| CCB | CCB | 100mL | MP83848 |
| 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 |
|---|---|---|
| 1/2/25 @ 12:15 | MB - Dig. Lab | MB - metal CAB |
| | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

**Water Mercury Preparation Sheet**

**PB165943**

| Lab Sample ID | Client Sample ID | Initial Vol (ml) | Final Vol (ml) | pH | Comment | Prep Pos |
|---|---|---|---|---|---|---|
| P5347-01 | MJNBZ9 | 100 | 100 | <2 | N/A | 2-1 |
| P5347-04 | MJNC00 | 100 | 100 | <2 | N/A | 2 |
| P5347-08 | MJNC00D | 100 | 100 | <2 | N/A | 3 |
| P5347-09 | MJNC00S | 100 | 100 | <2 | MP83837 | 4 |
| P5354-01 | ME2927 | 100 | 100 | <2 | N/A | 5 |
| P5354-02 | ME2928 | 100 | 100 | <2 | N/A | 6 |
| P5354-03 | ME2928D | 100 | 100 | <2 | N/A | 7 |
| P5354-04 | ME2928S | 100 | 100 | <2 | MP83837 | 8 |
| PB165943BL | PBW943 | 100 | 100 | <2 | N/A | 9 |

Alliance TECHNICAL GROUP

## Soil/Sludge Mercury Preparation Sheet

PB165969

**SOP ID :** M7471B-Mercury-18, MSFAM01.1-Mercury in Soil-2

**SDG No :** MJNBZ5/ME2922

**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#2 2. N/A

**Start Digest Date:** 01/06/2025 **Time :** 16:40 **Temp :** 94 °C

**End Digest Date:** 01/06/2025 **Time :** 17:10 **Temp :** 95 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** HG-DIG#2

**Dig Technician Signature:** MB

**Supervisor Signature:** MB

**Temp :** 1. 94°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| ICV | 100mL | MP83879 |
| CCV | 100mL | MP83881 |
| Matrix Spike | 1.0mL | MP83872 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| AQUA REGIA | 5.0mL | MP83885 |
| 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 | MP83873 |
| 0.05 ppb | S0.05 | N/A | N/A |
| 0.2 ppb | S0.2 | 100mL | MP83874 |
| 2.5 ppb | S2.5 | 100mL | MP83875 |
| 5.0 ppb | S5.0 | 100mL | MP83876 |
| 7.5 ppb | S7.5 | 100mL | MP83877 |
| 10.0 ppb | S10.0 | 100mL | MP83878 |
| ICV | ICV | 100mL | MP83879 |
| ICB | ICB | 100mL | MP83880 |
| CCV | CCV | 100mL | MP83881 |
| CCB | CCB | 100mL | MP83882 |
| 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 |
|---|---|---|
| 1/6/25 @ 17:40 | MB - Bldg. Lab | MB - Metals Lab |
| | Preparation Group | Analysis Group 2000 |

Alliance TECHNICAL GROUP

## Soil/Sludge Mercury Preparation Sheet

**PB165969**

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Comment | Prep Pos |
|---|---|---|---|---|---|---|
| P5347-05 | MJNBZ5 | 0.56 | 100 | NA | N/A | 2-1 |
| P5347-06 | MJNBZ5D | 0.53 | 100 | NA | N/A | 2 |
| P5347-07 | MJNBZ5S | 0.52 | 100 | NA | MP83872 | 3 |
| P5352-01 | ME2922 | 0.55 | 100 | NA | N/A | 4 |
| P5352-02 | ME2924 | 0.56 | 100 | NA | N/A | 5 |
| P5352-03 | ME2925 | 0.59 | 100 | NA | N/A | 6 |
| P5352-04 | ME2926 | 055 | 100 | NA | N/A | 7 |
| P5352-05 | ME2926D | 0.58 | 100 | NA | N/A | 8 |
| P5352-06 | ME2926S | 0.55 | 100 | NA | MP83872 | 9 |
| PB165969BL | PBS969 | 0.50 | 100 | NA | N/A | 10 |

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 # LB134147

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 1/2/2025 10:57:28 PM |
| Supervise By | Mohan Bera | Supervise On | 1/2/2025 10:58:15 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83838,MP83839,MP83840,MP83841,MP83842,MP83843 |
| ICV Standard | MP83845 |
| CCV Standard | MP83847 |
| ICSA Standard | |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP838465,MP83848,MP83852 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 01/02/25 13:48 | | Mohan | OK |
| 2 | S0.2 | S01 | CAL2 | 01/02/25 13:50 | | Mohan | OK |
| 3 | S2.5 | S02 | CAL3 | 01/02/25 13:52 | | Mohan | OK |
| 4 | S5 | S03 | CAL4 | 01/02/25 13:55 | | Mohan | OK |
| 5 | S7.5 | S04 | CAL5 | 01/02/25 13:57 | | Mohan | OK |
| 6 | S10 | S05 | CAL6 | 01/02/25 14:06 | | Mohan | OK |
| 7 | ICV040 | ICV040 | ICV | 01/02/25 14:12 | | Mohan | OK |
| 8 | ICB040 | ICB040 | ICB | 01/02/25 14:14 | | Mohan | OK |
| 9 | CCV094 | CCV094 | CCV | 01/02/25 14:16 | | Mohan | OK |
| 10 | CCB094 | CCB094 | CCB | 01/02/25 14:19 | | Mohan | OK |
| 11 | PB165943BL | PBW943 | MB | 01/02/25 14:21 | | Mohan | OK |
| 12 | P5347-01 | MJNBZ9 | SAM | 01/02/25 14:23 | | Mohan | OK |
| 13 | P5347-04 | MJNC00 | SAM | 01/02/25 14:25 | | Mohan | OK |
| 14 | P5347-08 | MJNC00D | DUP | 01/02/25 14:28 | | Mohan | OK |
| 15 | P5347-09 | MJNC00S | MS | 01/02/25 14:30 | | Mohan | OK |
| 16 | P5354-01 | ME2927 | SAM | 01/02/25 14:32 | | Mohan | OK |
| 17 | P5354-02 | ME2928 | SAM | 01/02/25 14:34 | | Mohan | OK |
| 18 | P5354-03 | ME2928D | DUP | 01/02/25 14:37 | | Mohan | OK |

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Fax : 908 789 8922

**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134147

| | | | |
|---|---|---|---|
| Review By | Sarabjit Jaswal | Review On | 1/2/2025 10:57:28 PM |
| Supervise By | Mohan Bera | Supervise On | 1/2/2025 10:58:15 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83838,MP83839,MP83840,MP83841,MP83842,MP83843 |
| ICV Standard | MP83845 |
| CCV Standard | MP83847 |
| ICSA Standard | |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP838465,MP83848,MP83852 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | P5354-04 | ME2928S | MS | 01/02/25 14:39 | | Mohan | OK |
| 20 | CCV095 | CCV095 | CCV | 01/02/25 14:41 | | Mohan | OK |
| 21 | CCB095 | CCB095 | CCB | 01/02/25 14:44 | | Mohan | OK |

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Fax : 908 789 8922

**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134177

| | | | |
|---|---|---|---|
| Review By | Mohan Bera | Review On | 1/7/2025 4:08:25 PM |
| Supervise By | Sarabjit Jaswal | Supervise On | 1/7/2025 9:44:12 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83873,MP83874,MP83875,MP83876,MP83877,MP83878 |
| ICV Standard | MP83879 |
| CCV Standard | MP83881 |
| ICSA Standard | |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83880,MP838MP83882,MP83900 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 01/07/25 09:24 | | Mohan | OK |
| 2 | S0.2 | S01 | CAL2 | 01/07/25 09:26 | | Mohan | OK |
| 3 | S2.5 | S02 | CAL3 | 01/07/25 09:29 | | Mohan | OK |
| 4 | S5 | S03 | CAL4 | 01/07/25 09:34 | | Mohan | OK |
| 5 | S7.5 | S04 | CAL5 | 01/07/25 09:41 | | Mohan | OK |
| 6 | S10 | S05 | CAL6 | 01/07/25 09:53 | | Mohan | OK |
| 7 | ICV046 | ICV046 | ICV | 01/07/25 09:58 | | Mohan | OK |
| 8 | ICB046 | ICB046 | ICB | 01/07/25 10:04 | | Mohan | OK |
| 9 | CCV009 | CCV009 | CCV | 01/07/25 10:06 | | Mohan | OK |
| 10 | CCB009 | CCB009 | CCB | 01/07/25 10:09 | | Mohan | OK |
| 11 | PB165969BL | PBS969 | MB | 01/07/25 10:11 | | Mohan | OK |
| 12 | P5347-05 | MJNBZ5 | SAM | 01/07/25 10:18 | | Mohan | OK |
| 13 | P5347-06 | MJNBZ5D | DUP | 01/07/25 10:20 | | Mohan | OK |
| 14 | P5347-07 | MJNBZ5S | MS | 01/07/25 10:23 | | Mohan | OK |
| 15 | P5352-01 | ME2922 | SAM | 01/07/25 10:25 | | Mohan | OK |
| 16 | P5352-02 | ME2924 | SAM | 01/07/25 10:27 | | Mohan | OK |
| 17 | P5352-03 | ME2925 | SAM | 01/07/25 10:29 | | Mohan | OK |
| 18 | P5352-04 | ME2926 | SAM | 01/07/25 10:37 | | Mohan | OK |

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Fax : 908 789 8922

**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB134177

| | | | |
|---|---|---|---|
| Review By | Mohan Bera | Review On | 1/7/2025 4:08:25 PM |
| Supervise By | Sarabjit Jaswal | Supervise On | 1/7/2025 9:44:12 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP83873,MP83874,MP83875,MP83876,MP83877,MP83878 |
| ICV Standard | MP83879 |
| CCV Standard | MP83881 |
| ICSA Standard | |
| CRI Standard | |
| LCS Standard | |
| Chk Standard | MP83880,MP838MP83882,MP83900 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | P5352-05 | ME2926D | DUP | 01/07/25 10:40 | | Mohan | OK |
| 20 | P5352-06 | ME2926S | MS | 01/07/25 10:42 | | Mohan | OK |
| 21 | CCV010 | CCV010 | CCV | 01/07/25 10:47 | | Mohan | OK |
| 22 | CCB010 | CCB010 | CCB | 01/07/25 10:52 | | Mohan | OK |

147918 REV 8/08 RRD

FedEx First Overnigh

ORIGIN ID:HQMA (256) 417-9261
EMILY ONG

909 SE 12TH AVENUE
APT.626
PORTLAND, OR 97214
UNITED STATES US

SHIP DATE: 18DEC24
ACTWGT: 23.00 LB
CAD: 6992055/SSFO2560
DIMS: 28x14x14 IN

BILL CREDIT CARD

Part # 158297-435 RRDR EXP 11/25

TO **ALLIANCE TECHNICAL GROUP LLC**

**284 SHEFFIELD STREET**

**MOUNTAINSIDE NJ 07092**

(908) 789-8900 REF:
INV:
PO: DEPT:

12-19-24
9:44
2-6

FedEx Express

REL# 3785346

TRK# 0201 **2834 8777 3168**

**THU - 19 DEC 9:30A**
**FIRST OVERNIGHT**

**X1 KBCA**

**AHS**
**07092**
NJ-US **EWR**

2006

Alliance TECHNICAL GROUP 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Login Summary Report

| | | | | | |
|---|---|---|---|---|---|
| Order ID : | P5347 | Order Date : | 12/19/2024 9:44:00 AM | Project Mgr : | Deepak |
| Client : | USEPA CLP SMO | Project : | 51918 | Report Type : | USEPA CLP |
| Contact : | Anita Kapadia | Receive Date : | 12/19/2024 9:44:00 AM | EDD Type : | EPA CLP |
| Date Sign Off : | 12/19/2024 2:24:24 PM | | | | |

| Sample ID | Client ID | Matrix | Sampling Date | Test | Test Group | Method | TAT Days | Fax Due Date | HC Due Date |
|---|---|---|---|---|---|---|---|---|---|
| P5347-01 | MJNBZ9 | Water | 12/16/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/09/2025 | 01/09/2025 |
| | | | | Metals CLP MS | | SFAM_MS | 15 | 01/09/2025 | 01/09/2025 |
| P5347-02 | MJNBZ9D | Water | 12/16/2024 | | | | | | |
| | | | | Metals CLP MS | | SFAM_MS | 15 | 01/09/2025 | 01/09/2025 |
| P5347-03 | MJNBZ9S | Water | 12/16/2024 | | | | | | |
| | | | | Metals CLP MS | | SFAM_MS | 15 | 01/09/2025 | 01/09/2025 |
| P5347-04 | MJNC00 | Water | 12/17/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/09/2025 | 01/09/2025 |
| | | | | Metals CLP MS | | SFAM_MS | 15 | 01/09/2025 | 01/09/2025 |
| P5347-05 | MJNBZ5 | Solid | 12/17/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/09/2025 | 01/09/2025 |
| | | | | Metals CLP MS FULL | | SFAM_MS | 15 | 01/09/2025 | 01/09/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/09/2025 | 01/09/2025 |
| P5347-06 | MJNBZ5D | Solid | 12/17/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/09/2025 | 01/09/2025 |
| | | | | Metals CLP MS FULL | | SFAM_MS | 15 | 01/09/2025 | 01/09/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/09/2025 | 01/09/2025 |
| P5347-07 | MJNBZ5S | Solid | 12/17/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/09/2025 | 01/09/2025 |
| | | | | Metals CLP MS FULL | | SFAM_MS | 15 | 01/09/2025 | 01/09/2025 |
| | | | | Percent Solids | | Chemtech -SOP | 15 | 01/09/2025 | 01/09/2025 |
| P5347-08 | MJNC00D | Water | 12/17/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/09/2025 | 01/09/2025 |
| P5347-09 | MJNC00S | Water | 12/17/2024 | | | | | | |
| | | | | Mercury | | SFAM_HG | 15 | 01/09/2025 | 01/09/2025 |

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** PB165859 **WorkList ID :** 186623 **Department :** Digestion **Date :** 12-26-2024 11:22:1

2008

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5254-12 | MJNLG1 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/09/2024 | SFAM_MS |
| P5255-07 | MJNLC3 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C12 | 12/05/2024 | SFAM_MS |
| P5347-01 | MJNBZ9 | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/16/2024 | SFAM_MS |
| P5347-02 | MJNBZ9D | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/16/2024 | SFAM_MS |
| P5347-03 | MJNBZ9S | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/16/2024 | SFAM_MS |
| P5347-04 | MJNC00 | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/16/2024 | SFAM_MS |
| P5354-01 | ME2927 | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/17/2024 | SFAM_MS |
| P5354-02 | ME2928 | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_MS |
| P5354-03 | ME2928D | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_MS |
| P5354-04 | ME2928S | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_MS |
| P5363-14 | MJNLE3 | Water | Metals CLP MS | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_MS |
| P5363-15 | MJNLF9 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C21 | 12/12/2024 | SFAM_MS |
| P5363-16 | MJNLG0 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C21 | 12/13/2024 | SFAM_MS |
| P5364-20 | MJNLC4 | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C21 | 12/16/2024 | SFAM_MS |
| | | Water | Metals CLP MS-CLP4 | 1:1 HNO3 to pH < 2 | USEP01 | C12 | 12/19/2024 | SFAM_MS |

**Date/Time** 12/26/24 11:38

**Raw Sample Received by:** SLD. met digestion

**Raw Sample Relinquished by:** CP



**Date/Time** 12/26/24 12:38

**Raw Sample Received by:** CP

**Raw Sample Relinquished by:** SLD. met digestion

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** PB165880 **WorkList ID :** 186656 **Department :** Digestion **Date :** 12-27-2024 09:17:45

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5347-05 | MJNBZ5 | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_MS |
| P5347-06 | MJNBZ5D | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_MS |
| P5347-07 | MJNBZ5S | Solid | Metals CLP MS FULL | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_MS |

2009

**Date/Time** 12/27/24 9:40

**Raw Sample Received by:** SLD. metdigestion

**Raw Sample Relinquished by:** RM 8m



**Date/Time** 12/27/24 10:40

**Raw Sample Received by:** RM 8m

**Raw Sample Relinquished by:** SLD. metdigestion

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** 010225_HgW **WorkList ID :** 186731 **Department :** Digestion **Date :** 01-02-2025 09:44:58

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5347-01 | MJNBZ9 | Water | Mercury | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/16/2024 | SFAM_HG |
| P5347-04 | MJNC00 | Water | Mercury | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5347-08 | MJNC00D | Water | Mercury | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5347-09 | MJNC00S | Water | Mercury | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5354-01 | ME2927 | Water | Mercury | 1:1 HNO3 to pH < 2 | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5354-02 | ME2928 | Water | Mercury | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_HG |
| P5354-03 | ME2928D | Water | Mercury | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_HG |
| P5354-04 | ME2928S | Water | Mercury | 1:1 HNO3 to pH < 2 | USEP01 | C43 | 12/17/2024 | SFAM_HG |

2010

**Date/Time** 1/2/25 @ 9:06

**Raw Sample Received by:** MG-DLG-CAS

**Raw Sample Relinquished by:** MG-DLG-CAS



**Date/Time** 1/2/25 @ 9:30

**Raw Sample Received by:** MG-DLG-CAS

**Raw Sample Relinquished by:** MG-DLG-CAS

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** P5352_HgS **WorkList ID :** 186770 **Department :** Digestion **Date :** 01-06-2025 11:07:58

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| P5347-05 | MJNBZ5 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5347-06 | MJNBZ5D | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5347-07 | MJNBZ5S | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5352-01 | ME2922 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5352-02 | ME2924 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5352-03 | ME2925 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5352-04 | ME2926 | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5352-05 | ME2926D | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_HG |
| P5352-06 | ME2926S | Solid | Mercury | Cool 4 deg C | USEP01 | C11 | 12/17/2024 | SFAM_HG |

2014

**Date/Time** 1/6/25 @ 16:20

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

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



**Date/Time** 1/6/25 @ 16:50

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

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