284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# DATA PACKAGE

## METALS

**PROJECT NAME : AE1-CTY 3.2.Z-PR-DOCK-DES-ODC - 60693795-1719206**

**AECOM**

**605 3rd Avenue**

**29th Floor**

**New York, NY - 10158**

**Phone No: 212-973-2900**

**ORDER ID : Q3395**

**ATTENTION : Rob Forstner**

**Laboratory Certification ID # 20012**

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# Cover Page

**Order ID :** Q3395

**Project ID :** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

**Client :** AECOM

| Lab Sample Number | Client Sample Number |
|---|---|
| Q3395-01 | PR132-S09-000051-20251017 |
| Q3395-02 | PR132-S07-000102-20251017 |
| Q3395-03 | PR132-S07-000102-20251017MS |
| Q3395-04 | PR132-S07-000102-20251017MSD |
| Q3395-05 | PR132-S07-102116-20251017 |
| Q3395-06 | PR132-COMP03-2025-20251017 |
| Q3395-07 | PR132-S08-038048-20251017 |

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 manager or his designee, as verified by the following signature.

Signature : _____

Date: 10/31/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# CASE NARRATIVE

**AECOM**
**Project Name: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206**
**Project # N/A**
**Order ID # Q3395**
**Test Name: Mercury,Metals ICP-TAL**

**A. Number of Samples and Date of Receipt:**
7 Solid samples were received on 10/17/2025.
**B. Parameters:**
According to the Chain of Custody document, the following analyses were requested: Mercury,Metals ICP-TAL. This data package contains results for Mercury,Metals ICP-TAL.

**C. Analytical Techniques:**
The analysis of Metals ICP-TAL was based on method 6020B, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

**D. QA/ QC Samples:**
The Holding Times were met for all analysis.
Sample PR132-S09-000051-20251017 was diluted due to high concentrations for Chromium,Mercury & Sample PR132-S07-000102-20251017 was diluted due to high concentrations for Chromium,Mercury & Sample PR132-S07-102116-20251017 was diluted due to high concentrations for Aluminum,Chromium,Iron,Mercury.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike analysis met criteria for all compounds except for Barium, Lead, Nickel, Selenium and Silver due to Chemical Interference during Digestion process.
The Matrix Spike Duplicate analysis met criteria for all compounds except for Barium, Lead, Nickel, Selenium and Silver due to Chemical Interference during Digestion process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met criteria for all compounds.

**E. Additional Comments:**
The Post Digest Spike (PR132-S07-000102-20251017A) analysis met criteria for all compounds except for Selenium and Silver due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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.

---

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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Tel. 908-789-8900 Fax: 908-789-8922

# DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

| | |
|---|---|
| **J** | Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL). |
| **U** | Indicates the analyte was analyzed for, but not detected. |
| **ND** | Indicates the analyte was analyzed for, but not detected |
| **E** | Indicates the reported value is estimated because of the presence of interference |
| **M** | Indicates Duplicate injection precision not met. |
| **N** | Indicates the spiked sample recovery is not within control limits. |
| **S** | Indicates the reported value was determined by the Method of Standard Addition (MSA). |
| * | Indicates that the duplicate analysis is not within control limits. |
| + | Indicates the correlation coefficient for the MSA is less than 0.995. |
| **D** | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range. |
| **M** | Method qualifiers<br>**"P"** for ICP instrument<br>**"PM"** for ICP when Microwave Digestion is used<br>**"CV"** for Manual Cold Vapor AA<br>**"AV"** for automated Cold Vapor AA<br>**"CA"** for MIDI-Distillation Spectrophotometric<br>**"AS"** for Semi –Automated Spectrophotometric<br>**"C"** for Manual Spectrophotometric<br>**"T"** for Titrimetric<br>**"NR"** for analyte not required to be analyzed |
| **OR** | Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis. |
| **Q** | Indicates the LCS did not meet the control limits requirements |
| H | Sample Analysis Out Of Hold Time |

# ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

## METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3395 MATRIX: Solid

METHOD: 6020B,7471B

| | | NA | NO | YES |
|---|---|---|---|---|
| 1. | Calibration Summary met criteria. | | | ✓ |
| 2. | ICP Interference Check Sample Results Summary Submitted. | | | ✓ |
| 3. | Serial Dilution Summary (if applicable) Submitted. | | | ✓ |
| | The Serial Dilution met criteria for all compounds. | | | |
| 4. | Laboratory Control Sample Summary (if applicable) Submitted. | | | ✓ |
| 5. | Blank Contamination - If yes, list compounds and concentrations in each blank: | | ✓ | |
| 6. | Matrix Spike/Matrix Spike Duplicate Recoveries Met Criteria | | ✓ | |
| | If not met, list those compounds and their recoveries which fall outside the acceptable range. | | | |
| | The Matrix Spike analysis met criteria for all compounds except for Barium, Lead, Nickel, Selenium and Silver due to Chemical Interference during Digestion process. The Matrix Spike Duplicate analysis met criteria for all compounds except for Barium, Lead, Nickel, Selenium and Silver due to Chemical Interference during Digestion process. | | | |
| 7. | Sample Duplicate Analysis Met QC Criteria | | | ✓ |
| | If not met, list those compounds and their recoveries which fall outside the acceptable range. | | | |
| 8. | Digestion Holding Time Met | | | ✓ |
| | If not met, list number of days exceeded for each sample: | | | |
| 9. | Analysis Holding Time Met | | | ✓ |
| | If not met, list those compounds and their recoveries which fall outside the acceptable range. | | | |

## METALS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS: The Post Digest Spike (PR132-S07-000102-20251017A) analysis met criteria for all compounds except for Selenium and Silver due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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.

_____ _____

QA REVIEW Date

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## APPENDIX A

## QA REVIEW GENERAL DOCUMENTATION

**Project #:** Q3395

| | Completed |
|---|---|
| **For thorough review, the report must have the following:** | |
| **GENERAL:** | |
| **Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)** | ✓ |
| **Check chain-of-custody for proper relinquish/return of samples** | ✓ |
| **Is the chain of custody signed and complete** | ✓ |
| **Check internal chain-of-custody for proper relinquish/return of samples /sample extracts** | ✓ |
| **Collect information for each project id from server. Were all requirements followed** | ✓ |
| **COVER PAGE:** | |
| **Do numbers of samples correspond to the number of samples in the Chain of Custody on login page** | ✓ |
| **Do lab numbers and client Ids on cover page agree with the Chain of Custody** | ✓ |
| **CHAIN OF CUSTODY:** | |
| **Do requested analyses on Chain of Custody agree with form I results** | ✓ |
| **Do requested analyses on Chain of Custody agree with the log-in page** | ✓ |
| **Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody** | ✓ |
| **Were the samples received within hold time** | ✓ |
| **Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle** | ✓ |
| **ANALYTICAL:** | |
| **Was method requirement followed?** | ✓ |
| **Was client requirement followed?** | ✓ |
| **Does the case narrative summarize all QC failure?** | ✓ |
| **All runlogs and manual integration are reviewed for requirements** | ✓ |
| **All manual calculations and /or hand notations verified** | ✓ |

**QA Review Signature:** SOHIL JODHANI **Date:** 10/31/2025

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3395 | **OrderDate:** | 10/17/2025 4:25:00 PM |
| **Client:** | AECOM | **Project:** | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |
| **Contact:** | Rob Forstner | **Location:** | D31,VOA Ref. #2 Soil |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3395-01** | **PR132-S09-000051-2 0251017** | **SOIL** | | | **10/17/25** | | | **10/17/25** |
| | | | Mercury | 7471B | | 10/21/25 | 10/22/25 | |
| | | | Metals ICP-TAL | 6020B | | 10/21/25 | 10/22/25 | |
| **Q3395-02** | **PR132-S07-000102-2 0251017** | **SOIL** | | | **10/17/25** | | | **10/17/25** |
| | | | Mercury | 7471B | | 10/21/25 | 10/22/25 | |
| | | | Metals ICP-TAL | 6020B | | 10/21/25 | 10/22/25 | |
| **Q3395-05** | **PR132-S07-102116-2 0251017** | **SOIL** | | | **10/17/25** | | | **10/17/25** |
| | | | Mercury | 7471B | | 10/21/25 | 10/22/25 | |
| | | | Metals ICP-TAL | 6020B | | 10/21/25 | 10/22/25 | |
| **Q3395-06** | **PR132-COMP03-2025-20251017** | **SOIL** | | | **10/17/25** | | | **10/17/25** |
| | | | Mercury | 7471B | | 10/21/25 | 10/22/25 | |
| | | | Metals ICP-TAL | 6020B | | 10/21/25 | 10/22/25 | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3395 **Order ID:** Q3395

**Client:** AECOM **Project ID:** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID : PR132-S09-000051-20251017** | | | | | | | | |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Aluminum | 11600 | | 0.58 | 3.20 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Antimony | 0.16 | J | 0.072 | 0.32 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Arsenic | 17.2 | | 0.019 | 0.16 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Barium | 164 | | 0.053 | 1.60 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Beryllium | 1.08 | | 0.051 | 0.16 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Cadmium | 7.56 | | 0.029 | 0.16 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Calcium | 6220 | | 7.67 | 80.1 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Chromium | 249 | D | 0.21 | 1.60 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Cobalt | 12.6 | | 0.014 | 0.16 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Copper | 294 | | 0.10 | 0.32 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Iron | 33400 | | 1.47 | 8.01 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Lead | 667 | | 0.051 | 0.16 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Magnesium | 8400 | | 3.09 | 80.1 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Manganese | 316 | | 0.054 | 0.16 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Nickel | 69.4 | | 0.069 | 0.16 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Mercury | 5.65 | D | 0.12 | 0.22 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Potassium | 2920 | | 6.15 | 80.1 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Selenium | 1.69 | | 0.45 | 0.80 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Silver | 6.87 | | 0.042 | 0.16 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Sodium | 10500 | | 11.2 | 80.1 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Thallium | 0.30 | | 0.022 | 0.16 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Vanadium | 45.7 | | 0.018 | 0.80 | mg/Kg |
| Q3395-01 | PR132-S09-000051-20251017 | SOIL | Zinc | 549 | | 0.14 | 0.80 | mg/Kg |
| **Client ID : PR132-S07-000102-20251017** | | | | | | | | |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Aluminum | 15400 | | 0.65 | 3.60 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Antimony | 0.23 | J | 0.081 | 0.36 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Arsenic | 40.2 | | 0.022 | 0.18 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Barium | 294 | | 0.059 | 1.80 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Beryllium | 1.15 | | 0.058 | 0.18 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Cadmium | 10.4 | | 0.032 | 0.18 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Calcium | 6070 | | 8.62 | 90.0 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Chromium | 437 | D | 0.23 | 1.80 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Cobalt | 13.1 | | 0.016 | 0.18 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Copper | 417 | | 0.12 | 0.36 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Iron | 41500 | | 1.66 | 9.00 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Lead | 502 | | 0.058 | 0.18 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Magnesium | 8620 | | 3.47 | 90.0 | mg/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3395 **Order ID:** Q3395

**Client:** AECOM **Project ID:** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Manganese | 400 | | 0.061 | 0.18 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Nickel | 61.2 | | 0.077 | 0.18 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Mercury | 4.52 | D | 0.14 | 0.25 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Potassium | 3350 | | 6.91 | 90.0 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Selenium | 2.47 | | 0.50 | 0.90 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Silver | 8.09 | | 0.047 | 0.18 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Sodium | 9850 | | 12.6 | 90.0 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Thallium | 0.43 | | 0.025 | 0.18 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Vanadium | 66.4 | | 0.020 | 0.90 | mg/Kg |
| Q3395-02 | PR132-S07-000102-20251017 | SOIL | Zinc | 574 | | 0.16 | 0.90 | mg/Kg |
| **Client ID :** | **PR132-S07-102116-20251017** | | | | | | | |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Aluminum | 21600 | D | 3.24 | 18.0 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Antimony | 0.29 | J | 0.081 | 0.36 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Arsenic | 61.1 | | 0.022 | 0.18 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Barium | 602 | | 0.059 | 1.80 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Beryllium | 1.49 | | 0.058 | 0.18 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Cadmium | 8.72 | | 0.032 | 0.18 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Calcium | 8660 | | 8.63 | 90.1 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Chromium | 295 | D | 0.23 | 1.80 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Cobalt | 17.2 | | 0.016 | 0.18 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Copper | 481 | | 0.12 | 0.36 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Iron | 59400 | D | 8.29 | 45.0 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Lead | 784 | | 0.058 | 0.18 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Magnesium | 11400 | | 3.48 | 90.1 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Manganese | 529 | | 0.061 | 0.18 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Nickel | 79.8 | | 0.077 | 0.18 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Mercury | 6.11 | D | 0.13 | 0.24 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Potassium | 4110 | | 6.92 | 90.1 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Selenium | 3.97 | | 0.50 | 0.90 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Silver | 8.37 | | 0.047 | 0.18 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Sodium | 8680 | | 12.6 | 90.1 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Thallium | 0.73 | | 0.025 | 0.18 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Vanadium | 65.1 | | 0.020 | 0.90 | mg/Kg |
| Q3395-05 | PR132-S07-102116-20251017 | SOIL | Zinc | 853 | | 0.16 | 0.90 | mg/Kg |
| **Client ID :** | **PR132-COMP03-2025-20251017** | | | | | | | |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Aluminum | 8520 | | 0.44 | 2.43 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Antimony | 0.16 | J | 0.055 | 0.24 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Arsenic | 27.3 | | 0.015 | 0.12 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Barium | 246 | | 0.040 | 1.21 | mg/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3395 **Order ID:** Q3395

**Client:** AECOM **Project ID:** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Beryllium | 0.67 | | 0.039 | 0.12 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Cadmium | 2.95 | | 0.022 | 0.12 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Calcium | 3710 | | 5.82 | 60.7 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Chromium | 104 | | 0.032 | 0.24 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Cobalt | 8.67 | | 0.011 | 0.12 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Copper | 193 | | 0.079 | 0.24 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Iron | 25800 | | 1.12 | 6.07 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Lead | 343 | | 0.039 | 0.12 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Magnesium | 4910 | | 2.34 | 60.7 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Manganese | 330 | | 0.041 | 0.12 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Nickel | 40.3 | | 0.052 | 0.12 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Mercury | 0.97 | | 0.011 | 0.020 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Potassium | 1630 | | 4.66 | 60.7 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Selenium | 1.66 | | 0.34 | 0.61 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Silver | 3.15 | | 0.032 | 0.12 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Sodium | 1300 | | 8.52 | 60.7 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Thallium | 0.28 | | 0.017 | 0.12 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Vanadium | 29.4 | | 0.013 | 0.61 | mg/Kg |
| Q3395-06 | PR132-COMP03-2025-20251017 | SOIL | Zinc | 324 | | 0.11 | 0.61 | mg/Kg |

# SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/17/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/17/25 |
| Client Sample ID: | PR132-S09-000051-20251017 | SDG No.: | Q3395 |
| Lab Sample ID: | Q3395-01 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 52.9 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 11600 | | 1 | 0.58 | 3.20 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-36-0 | Antimony | 0.16 | J | 1 | 0.072 | 0.32 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-38-2 | Arsenic | 17.2 | | 1 | 0.019 | 0.16 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-39-3 | Barium | 164 | N | 1 | 0.053 | 1.60 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-41-7 | Beryllium | 1.08 | | 1 | 0.051 | 0.16 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-43-9 | Cadmium | 7.56 | | 1 | 0.029 | 0.16 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-70-2 | Calcium | 6220 | | 1 | 7.67 | 80.1 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-47-3 | Chromium | 249 | D | 5 | 0.21 | 1.60 | mg/Kg | 10/21/25 10:45 | 10/22/25 20:35 | 6020B | SW3050 |
| 7440-48-4 | Cobalt | 12.6 | | 1 | 0.014 | 0.16 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-50-8 | Copper | 294 | | 1 | 0.10 | 0.32 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7439-89-6 | Iron | 33400 | | 1 | 1.47 | 8.01 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7439-92-1 | Lead | 667 | N | 1 | 0.051 | 0.16 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7439-95-4 | Magnesium | 8400 | | 1 | 3.09 | 80.1 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7439-96-5 | Manganese | 316 | | 1 | 0.054 | 0.16 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7439-97-6 | Mercury | 5.65 | D | 10 | 0.12 | 0.22 | mg/Kg | 10/21/25 11:20 | 10/22/25 13:43 | 7471B | 7471B |
| 7440-02-0 | Nickel | 69.4 | N | 1 | 0.069 | 0.16 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-09-7 | Potassium | 2920 | | 1 | 6.15 | 80.1 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7782-49-2 | Selenium | 1.69 | N | 1 | 0.45 | 0.80 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-22-4 | Silver | 6.87 | N | 1 | 0.042 | 0.16 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-23-5 | Sodium | 10500 | | 1 | 11.2 | 80.1 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-28-0 | Thallium | 0.30 | | 1 | 0.022 | 0.16 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-62-2 | Vanadium | 45.7 | | 1 | 0.018 | 0.80 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |
| 7440-66-6 | Zinc | 549 | | 1 | 0.14 | 0.80 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:31 | 6020B | SW3050 |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/17/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/17/25 |
| Client Sample ID: | PR132-S07-000102-20251017 | SDG No.: | Q3395 |
| Lab Sample ID: | Q3395-02 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 47.9 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 15400 | | 1 | 0.65 | 3.60 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-36-0 | Antimony | 0.23 | J | 1 | 0.081 | 0.36 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-38-2 | Arsenic | 40.2 | | 1 | 0.022 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-39-3 | Barium | 294 | N | 1 | 0.059 | 1.80 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-41-7 | Beryllium | 1.15 | | 1 | 0.058 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-43-9 | Cadmium | 10.4 | | 1 | 0.032 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-70-2 | Calcium | 6070 | | 1 | 8.62 | 90.0 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-47-3 | Chromium | 437 | D | 5 | 0.23 | 1.80 | mg/Kg | 10/21/25 10:45 | 10/22/25 20:38 | 6020B | SW3050 |
| 7440-48-4 | Cobalt | 13.1 | | 1 | 0.016 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-50-8 | Copper | 417 | | 1 | 0.12 | 0.36 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7439-89-6 | Iron | 41500 | | 1 | 1.66 | 9.00 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7439-92-1 | Lead | 502 | N | 1 | 0.058 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7439-95-4 | Magnesium | 8620 | | 1 | 3.47 | 90.0 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7439-96-5 | Manganese | 400 | | 1 | 0.061 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7439-97-6 | Mercury | 4.52 | D | 10 | 0.14 | 0.25 | mg/Kg | 10/21/25 11:20 | 10/22/25 13:45 | 7471B | 7471B |
| 7440-02-0 | Nickel | 61.2 | N | 1 | 0.077 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-09-7 | Potassium | 3350 | | 1 | 6.91 | 90.0 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7782-49-2 | Selenium | 2.47 | N | 1 | 0.50 | 0.90 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-22-4 | Silver | 8.09 | N | 1 | 0.047 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-23-5 | Sodium | 9850 | | 1 | 12.6 | 90.0 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-28-0 | Thallium | 0.43 | | 1 | 0.025 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-62-2 | Vanadium | 66.4 | | 1 | 0.020 | 0.90 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |
| 7440-66-6 | Zinc | 574 | | 1 | 0.16 | 0.90 | mg/Kg | 10/21/25 10:45 | 10/22/25 17:34 | 6020B | SW3050 |

U = Not Detected
LOQ = Limit of Quantitation
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/17/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/17/25 |
| Client Sample ID: | PR132-S07-102116-20251017 | SDG No.: | Q3395 |
| Lab Sample ID: | Q3395-05 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 51.4 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 21600 | D | 5 | 3.24 | 18.0 | mg/Kg | 10/21/25 10:45 | 10/22/25 20:57 | 6020B | SW3050 |
| 7440-36-0 | Antimony | 0.29 | J | 1 | 0.081 | 0.36 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-38-2 | Arsenic | 61.1 | | 1 | 0.022 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-39-3 | Barium | 602 | N | 1 | 0.059 | 1.80 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-41-7 | Beryllium | 1.49 | | 1 | 0.058 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-43-9 | Cadmium | 8.72 | | 1 | 0.032 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-70-2 | Calcium | 8660 | | 1 | 8.63 | 90.1 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-47-3 | Chromium | 295 | D | 5 | 0.23 | 1.80 | mg/Kg | 10/21/25 10:45 | 10/22/25 20:57 | 6020B | SW3050 |
| 7440-48-4 | Cobalt | 17.2 | | 1 | 0.016 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-50-8 | Copper | 481 | | 1 | 0.12 | 0.36 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7439-89-6 | Iron | 59400 | D | 5 | 8.29 | 45.0 | mg/Kg | 10/21/25 10:45 | 10/22/25 20:57 | 6020B | SW3050 |
| 7439-92-1 | Lead | 784 | N | 1 | 0.058 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7439-95-4 | Magnesium | 11400 | | 1 | 3.48 | 90.1 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7439-96-5 | Manganese | 529 | | 1 | 0.061 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7439-97-6 | Mercury | 6.11 | D | 10 | 0.13 | 0.24 | mg/Kg | 10/21/25 11:20 | 10/22/25 14:00 | 7471B | 7471B |
| 7440-02-0 | Nickel | 79.8 | N | 1 | 0.077 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-09-7 | Potassium | 4110 | | 1 | 6.92 | 90.1 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7782-49-2 | Selenium | 3.97 | N | 1 | 0.50 | 0.90 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-22-4 | Silver | 8.37 | N | 1 | 0.047 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-23-5 | Sodium | 8680 | | 1 | 12.6 | 90.1 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-28-0 | Thallium | 0.73 | | 1 | 0.025 | 0.18 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-62-2 | Vanadium | 65.1 | | 1 | 0.020 | 0.90 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |
| 7440-66-6 | Zinc | 853 | | 1 | 0.16 | 0.90 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:23 | 6020B | SW3050 |

U = Not Detected
LOQ = Limit of Quantitation
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D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
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OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | AECOM | Date Collected: | 10/17/25 |
| Project: | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: | 10/17/25 |
| Client Sample ID: | PR132-COMP03-2025-20251017 | SDG No.: | Q3395 |
| Lab Sample ID: | Q3395-06 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 69.8 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8520 | | 1 | 0.44 | 2.43 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-36-0 | Antimony | 0.16 | J | 1 | 0.055 | 0.24 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-38-2 | Arsenic | 27.3 | | 1 | 0.015 | 0.12 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-39-3 | Barium | 246 | N | 1 | 0.040 | 1.21 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-41-7 | Beryllium | 0.67 | | 1 | 0.039 | 0.12 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-43-9 | Cadmium | 2.95 | | 1 | 0.022 | 0.12 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-70-2 | Calcium | 3710 | | 1 | 5.82 | 60.7 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-47-3 | Chromium | 104 | | 1 | 0.032 | 0.24 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-48-4 | Cobalt | 8.67 | | 1 | 0.011 | 0.12 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-50-8 | Copper | 193 | | 1 | 0.079 | 0.24 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7439-89-6 | Iron | 25800 | | 1 | 1.12 | 6.07 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7439-92-1 | Lead | 343 | N | 1 | 0.039 | 0.12 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7439-95-4 | Magnesium | 4910 | | 1 | 2.34 | 60.7 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7439-96-5 | Manganese | 330 | | 1 | 0.041 | 0.12 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7439-97-6 | Mercury | 0.97 | | 1 | 0.011 | 0.020 | mg/Kg | 10/21/25 11:20 | 10/22/25 12:37 | 7471B | 7471B |
| 7440-02-0 | Nickel | 40.3 | N | 1 | 0.052 | 0.12 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-09-7 | Potassium | 1630 | | 1 | 4.66 | 60.7 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7782-49-2 | Selenium | 1.66 | N | 1 | 0.34 | 0.61 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-22-4 | Silver | 3.15 | N | 1 | 0.032 | 0.12 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-23-5 | Sodium | 1300 | | 1 | 8.52 | 60.7 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-28-0 | Thallium | 0.28 | | 1 | 0.017 | 0.12 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-62-2 | Vanadium | 29.4 | | 1 | 0.013 | 0.61 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |
| 7440-66-6 | Zinc | 324 | | 1 | 0.11 | 0.61 | mg/Kg | 10/21/25 10:45 | 10/22/25 18:26 | 6020B | SW3050 |

U = Not Detected
LOQ = Limit of Quantitation
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J = Estimated Value
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* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

# METAL CALIBRATION DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV83 | Mercury | 3.78 | 4.0 | 94 | 90 - 110 | CV | 10/22/2025 | 11:29 | LB137610 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV71 | Mercury | 4.98 | 5.0 | 100 | 90 - 110 | CV | 10/22/2025 | 11:34 | LB137610 |
| CCV72 | Mercury | 4.71 | 5.0 | 94 | 90 - 110 | CV | 10/22/2025 | 12:14 | LB137610 |
| CCV73 | Mercury | 4.89 | 5.0 | 98 | 90 - 110 | CV | 10/22/2025 | 12:48 | LB137610 |
| CCV74 | Mercury | 5.24 | 5.0 | 105 | 90 - 110 | CV | 10/22/2025 | 13:23 | LB137610 |
| CCV75 | Mercury | 5.38 | 5.0 | 108 | 90 - 110 | CV | 10/22/2025 | 14:11 | LB137610 |
| CCV76 | Mercury | 5.22 | 5.0 | 104 | 90 - 110 | CV | 10/22/2025 | 14:42 | LB137610 |
| CCV77 | Mercury | 5.43 | 5.0 | 109 | 90 - 110 | CV | 10/22/2025 | 14:59 | LB137610 |

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Fax : 908 789 8922

# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV01 | Aluminum | 1540 | 1600 | 96 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Antimony | 422 | 400 | 106 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Arsenic | 362 | 400 | 90 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Barium | 1640 | 1600 | 103 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Beryllium | 42.9 | 40.0 | 107 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Cadmium | 215 | 200 | 107 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Calcium | 4260 | 4000 | 106 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Chromium | 160 | 160 | 100 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Cobalt | 406 | 400 | 101 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Copper | 189 | 200 | 95 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Iron | 863 | 800 | 108 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Lead | 383 | 400 | 96 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Magnesium | 3720 | 4000 | 93 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Manganese | 363 | 400 | 91 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Nickel | 404 | 400 | 101 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Potassium | 4110 | 4000 | 103 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Selenium | 417 | 400 | 104 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Silver | 213 | 200 | 106 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Sodium | 4030 | 4000 | 101 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Thallium | 389 | 400 | 97 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Vanadium | 402 | 400 | 101 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |
| | Zinc | 380 | 400 | 95 | 90 - 110 | P | 10/22/2025 | 12:38 | LB137619 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| LLICV01 | Aluminum | 20.7 | 20.0 | 104 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Antimony | 2.09 | 2.0 | 104 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Arsenic | 1.20 | 1.0 | 120 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Barium | 9.64 | 10.0 | 96 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Beryllium | 1.11 | 1.0 | 111 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Cadmium | 0.81 | 1.0 | 81 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Calcium | 528 | 500 | 106 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Chromium | 1.93 | 2.0 | 96 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Cobalt | 1.03 | 1.0 | 103 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Copper | 1.95 | 2.0 | 98 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Iron | 59.8 | 50.0 | 120 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Lead | 0.82 | 1.0 | 82 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Magnesium | 479 | 500 | 96 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Manganese | 1.03 | 1.0 | 103 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Nickel | 1.07 | 1.0 | 107 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Potassium | 524 | 500 | 105 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Selenium | 4.39 | 5.0 | 88 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Silver | 1.10 | 1.0 | 110 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Sodium | 492 | 500 | 98 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Thallium | 0.95 | 1.0 | 95 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Vanadium | 4.93 | 5.0 | 99 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |
| | Zinc | 5.69 | 5.0 | 114 | 80 - 120 | P | 10/22/2025 | 13:12 | LB137619 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV01 | Aluminum | 50200 | 50000 | 100 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Antimony | 504 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Arsenic | 491 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Barium | 2490 | 2500 | 100 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Beryllium | 490 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Cadmium | 482 | 500 | 96 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Calcium | 241000 | 250000 | 96 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Chromium | 489 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Cobalt | 499 | 500 | 100 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Copper | 4850 | 5000 | 97 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Iron | 129000 | 125000 | 103 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Lead | 2470 | 2500 | 99 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Magnesium | 252000 | 250000 | 101 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Manganese | 4970 | 5000 | 99 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Nickel | 481 | 500 | 96 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Potassium | 126000 | 125000 | 101 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Selenium | 460 | 500 | 92 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Silver | 495 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Sodium | 252000 | 250000 | 101 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Thallium | 502 | 500 | 100 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Vanadium | 506 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| | Zinc | 4780 | 5000 | 96 | 90 - 110 | P | 10/22/2025 | 13:27 | LB137619 |
| CCV02 | Aluminum | 50600 | 50000 | 101 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Antimony | 515 | 500 | 103 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Arsenic | 488 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Barium | 2590 | 2500 | 104 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Beryllium | 504 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Cadmium | 497 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Calcium | 251000 | 250000 | 100 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Chromium | 494 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Cobalt | 494 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Copper | 4940 | 5000 | 99 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Iron | 129000 | 125000 | 103 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Lead | 2550 | 2500 | 102 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV02 | Magnesium | 252000 | 250000 | 101 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Manganese | 5010 | 5000 | 100 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Nickel | 486 | 500 | 97 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Potassium | 128000 | 125000 | 102 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Selenium | 469 | 500 | 94 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Silver | 511 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Sodium | 254000 | 250000 | 102 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Thallium | 527 | 500 | 106 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Vanadium | 507 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| | Zinc | 4770 | 5000 | 96 | 90 - 110 | P | 10/22/2025 | 14:11 | LB137619 |
| CCV03 | Aluminum | 49800 | 50000 | 100 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Antimony | 522 | 500 | 104 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Arsenic | 493 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Barium | 2570 | 2500 | 103 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Beryllium | 511 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Cadmium | 504 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Calcium | 256000 | 250000 | 102 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Chromium | 494 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Cobalt | 496 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Copper | 4940 | 5000 | 99 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Iron | 130000 | 125000 | 104 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Lead | 2570 | 2500 | 103 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Magnesium | 254000 | 250000 | 102 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Manganese | 5110 | 5000 | 102 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Nickel | 484 | 500 | 97 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Potassium | 126000 | 125000 | 101 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Selenium | 480 | 500 | 96 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Silver | 522 | 500 | 104 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Sodium | 251000 | 250000 | 100 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Thallium | 524 | 500 | 105 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Vanadium | 508 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| | Zinc | 4800 | 5000 | 96 | 90 - 110 | P | 10/22/2025 | 14:54 | LB137619 |
| CCV04 | Aluminum | 51200 | 50000 | 102 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Antimony | 514 | 500 | 103 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV04 | Arsenic | 493 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Barium | 2560 | 2500 | 102 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Beryllium | 511 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Cadmium | 497 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Calcium | 257000 | 250000 | 103 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Chromium | 505 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Cobalt | 497 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Copper | 5000 | 5000 | 100 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Iron | 131000 | 125000 | 105 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Lead | 2530 | 2500 | 101 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Magnesium | 253000 | 250000 | 101 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Manganese | 5090 | 5000 | 102 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Nickel | 487 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Potassium | 128000 | 125000 | 102 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Selenium | 480 | 500 | 96 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Silver | 513 | 500 | 103 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Sodium | 253000 | 250000 | 101 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Thallium | 522 | 500 | 104 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Vanadium | 508 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| | Zinc | 4860 | 5000 | 97 | 90 - 110 | P | 10/22/2025 | 15:45 | LB137619 |
| CCV05 | Aluminum | 50100 | 50000 | 100 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Antimony | 513 | 500 | 103 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Arsenic | 488 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Barium | 2570 | 2500 | 103 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Beryllium | 490 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Cadmium | 493 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Calcium | 248000 | 250000 | 99 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Chromium | 496 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Cobalt | 498 | 500 | 100 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Copper | 4940 | 5000 | 99 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Iron | 131000 | 125000 | 104 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Lead | 2580 | 2500 | 103 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Magnesium | 250000 | 250000 | 100 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Manganese | 4980 | 5000 | 100 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |

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Fax : 908 789 8922

# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV05 | Nickel | 481 | 500 | 96 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Potassium | 126000 | 125000 | 101 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Selenium | 473 | 500 | 95 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Silver | 508 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Sodium | 252000 | 250000 | 101 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Thallium | 518 | 500 | 104 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Vanadium | 503 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| | Zinc | 4810 | 5000 | 96 | 90 - 110 | P | 10/22/2025 | 16:46 | LB137619 |
| CCV06 | Aluminum | 50300 | 50000 | 101 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Antimony | 490 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Arsenic | 484 | 500 | 97 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Barium | 2460 | 2500 | 98 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Beryllium | 514 | 500 | 103 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Cadmium | 468 | 500 | 94 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Calcium | 255000 | 250000 | 102 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Chromium | 494 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Cobalt | 495 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Copper | 4930 | 5000 | 99 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Iron | 130000 | 125000 | 104 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Lead | 2550 | 2500 | 102 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Magnesium | 256000 | 250000 | 102 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Manganese | 5040 | 5000 | 101 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Nickel | 481 | 500 | 96 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Potassium | 125000 | 125000 | 100 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Selenium | 470 | 500 | 94 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Silver | 484 | 500 | 97 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Sodium | 252000 | 250000 | 101 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Thallium | 510 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Vanadium | 503 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| | Zinc | 4870 | 5000 | 98 | 90 - 110 | P | 10/22/2025 | 17:59 | LB137619 |
| CCV07 | Aluminum | 49700 | 50000 | 99 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Antimony | 505 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Arsenic | 487 | 500 | 97 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Barium | 2530 | 2500 | 101 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV07 | Beryllium | 504 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Cadmium | 484 | 500 | 97 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Calcium | 256000 | 250000 | 102 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Chromium | 496 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Cobalt | 497 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Copper | 5000 | 5000 | 100 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Iron | 132000 | 125000 | 105 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Lead | 2550 | 2500 | 102 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Magnesium | 253000 | 250000 | 101 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Manganese | 5030 | 5000 | 101 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Nickel | 482 | 500 | 96 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Potassium | 126000 | 125000 | 101 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Selenium | 467 | 500 | 93 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Silver | 500 | 500 | 100 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Sodium | 253000 | 250000 | 101 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Thallium | 530 | 500 | 106 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Vanadium | 502 | 500 | 100 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| | Zinc | 4890 | 5000 | 98 | 90 - 110 | P | 10/22/2025 | 18:41 | LB137619 |
| CCV08 | Aluminum | 50200 | 50000 | 100 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Antimony | 512 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Arsenic | 486 | 500 | 97 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Barium | 2540 | 2500 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Beryllium | 513 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Cadmium | 483 | 500 | 97 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Calcium | 256000 | 250000 | 103 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Chromium | 504 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Cobalt | 508 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Copper | 5120 | 5000 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Iron | 132000 | 125000 | 106 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Lead | 2560 | 2500 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Magnesium | 255000 | 250000 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Manganese | 5090 | 5000 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Nickel | 492 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Potassium | 128000 | 125000 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |

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# Metals

## - 2a -
## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV08 | Selenium | 473 | 500 | 95 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Silver | 504 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Sodium | 256000 | 250000 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Thallium | 525 | 500 | 105 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Vanadium | 510 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| | Zinc | 4950 | 5000 | 99 | 90 - 110 | P | 10/22/2025 | 19:44 | LB137619 |
| CCV09 | Aluminum | 52600 | 50000 | 105 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Antimony | 536 | 500 | 107 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Arsenic | 508 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Barium | 2660 | 2500 | 106 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Beryllium | 534 | 500 | 107 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Cadmium | 504 | 500 | 101 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Calcium | 261000 | 250000 | 104 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Chromium | 521 | 500 | 104 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Cobalt | 527 | 500 | 105 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Copper | 5240 | 5000 | 105 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Iron | 137000 | 125000 | 109 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Lead | 2650 | 2500 | 106 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Magnesium | 263000 | 250000 | 105 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Manganese | 5330 | 5000 | 107 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Nickel | 507 | 500 | 102 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Potassium | 130000 | 125000 | 104 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Selenium | 489 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Silver | 530 | 500 | 106 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Sodium | 262000 | 250000 | 105 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Thallium | 542 | 500 | 108 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Vanadium | 529 | 500 | 106 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| | Zinc | 5160 | 5000 | 103 | 90 - 110 | P | 10/22/2025 | 20:28 | LB137619 |
| CCV10 | Aluminum | 50800 | 50000 | 102 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Antimony | 520 | 500 | 104 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Arsenic | 496 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Barium | 2600 | 2500 | 104 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Beryllium | 519 | 500 | 104 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Cadmium | 492 | 500 | 98 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV10 | Calcium | 256000 | 250000 | 102 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Chromium | 516 | 500 | 103 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Cobalt | 528 | 500 | 106 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Copper | 5240 | 5000 | 105 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Iron | 137000 | 125000 | 110 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Lead | 2650 | 2500 | 106 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Magnesium | 259000 | 250000 | 104 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Manganese | 5280 | 5000 | 106 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Nickel | 501 | 500 | 100 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Potassium | 130000 | 125000 | 104 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Selenium | 495 | 500 | 99 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Silver | 516 | 500 | 103 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Sodium | 260000 | 250000 | 104 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Thallium | 535 | 500 | 107 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Vanadium | 527 | 500 | 106 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |
| | Zinc | 5100 | 5000 | 102 | 90 - 110 | P | 10/22/2025 | 21:03 | LB137619 |

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# Metals

## - 2b -
## CRDL STANDARD FOR AA & ICP

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Initial Calibration Source:**

**Continuing Calibration Source:**

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CRA | Mercury | 0.17 | 0.2 | 86 | 70 - 130 | CV | 10/22/2025 | 11:39 | LB137610 |
| CRI01 | Aluminum | 20.9 | 20.0 | 105 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Antimony | 2.06 | 2.0 | 103 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Arsenic | 1.12 | 1.0 | 112 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Barium | 9.63 | 10.0 | 96 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Beryllium | 1.08 | 1.0 | 108 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Cadmium | 0.86 | 1.0 | 86 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Calcium | 532 | 500 | 106 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Chromium | 1.99 | 2.0 | 100 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Cobalt | 1.05 | 1.0 | 105 | 50 - 150 | P | 10/22/2025 | 13:33 | LB137619 |
| | Copper | 2.06 | 2.0 | 103 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Iron | 60.0 | 50.0 | 120 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Lead | 0.86 | 1.0 | 86 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Magnesium | 489 | 500 | 98 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Manganese | 1.05 | 1.0 | 105 | 50 - 150 | P | 10/22/2025 | 13:33 | LB137619 |
| | Nickel | 1.13 | 1.0 | 113 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Potassium | 537 | 500 | 108 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Selenium | 4.66 | 5.0 | 93 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Silver | 1.12 | 1.0 | 112 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Sodium | 532 | 500 | 106 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Thallium | 1.00 | 1.0 | 100 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Vanadium | 4.93 | 5.0 | 99 | 70 - 130 | P | 10/22/2025 | 13:33 | LB137619 |
| | Zinc | 5.85 | 5.0 | 117 | 50 - 150 | P | 10/22/2025 | 13:33 | LB137619 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **ICB83** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 10/22/2025 | 11:31 | LB137610 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB71** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 10/22/2025 | 11:36 | LB137610 |
| **CCB72** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 10/22/2025 | 12:16 | LB137610 |
| **CCB73** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 10/22/2025 | 12:54 | LB137610 |
| **CCB74** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 10/22/2025 | 13:26 | LB137610 |
| **CCB75** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 10/22/2025 | 14:13 | LB137610 |
| **CCB76** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 10/22/2025 | 14:44 | LB137610 |
| **CCB77** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 10/22/2025 | 15:02 | LB137610 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICB01 | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 13:16 | LB137619 |
| | Antimony | 0.11 | +/-1 | U | 2.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 13:16 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 13:16 | LB137619 |
| | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 13:16 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 13:16 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Potassium | 36.4 | +/-250 | U | 500 | P | 10/22/2025 | 13:16 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Sodium | 128 | +/-250 | U | 500 | P | 10/22/2025 | 13:16 | LB137619 |
| | Thallium | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 13:16 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 13:16 | LB137619 |

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# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCB01 | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 13:30 | LB137619 |
| | Antimony | 0.17 | +/-1 | J | 2.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 13:30 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 13:30 | LB137619 |
| | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 13:30 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 13:30 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Potassium | 36.4 | +/-250 | U | 500 | P | 10/22/2025 | 13:30 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Sodium | 128 | +/-250 | U | 500 | P | 10/22/2025 | 13:30 | LB137619 |
| | Thallium | 0.080 | +/-0.5 | J | 1.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 13:30 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 13:30 | LB137619 |
| CCB02 | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 14:18 | LB137619 |
| | Antimony | 0.11 | +/-1 | U | 2.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 14:18 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 14:18 | LB137619 |
| | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 14:18 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 14:18 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Potassium | 36.4 | +/-250 | U | 500 | P | 10/22/2025 | 14:18 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 14:18 | LB137619 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB02** | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Sodium | 128 | +/-250 | U | 500 | P | 10/22/2025 | 14:18 | LB137619 |
| | Thallium | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 14:18 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 14:18 | LB137619 |
| **CCB03** | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 15:05 | LB137619 |
| | Antimony | 0.11 | +/-1 | U | 2.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 15:05 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 15:05 | LB137619 |
| | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 15:05 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 15:05 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Potassium | 36.4 | +/-250 | U | 500 | P | 10/22/2025 | 15:05 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Sodium | 128 | +/-250 | U | 500 | P | 10/22/2025 | 15:05 | LB137619 |
| | Thallium | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 15:05 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 15:05 | LB137619 |
| **CCB04** | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 16:00 | LB137619 |
| | Antimony | 0.11 | +/-1 | U | 2.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 16:00 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 16:00 | LB137619 |
| | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 16:00 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:00 | LB137619 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB04** | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 16:00 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Potassium | 36.4 | +/-250 | U | 500 | P | 10/22/2025 | 16:00 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Sodium | 128 | +/-250 | U | 500 | P | 10/22/2025 | 16:00 | LB137619 |
| | Thallium | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 16:00 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 16:00 | LB137619 |
| **CCB05** | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 16:55 | LB137619 |
| | Antimony | 0.11 | +/-1 | U | 2.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 16:55 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 16:55 | LB137619 |
| | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 16:55 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 16:55 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Potassium | 36.4 | +/-250 | U | 500 | P | 10/22/2025 | 16:55 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Sodium | 182 | +/-250 | J | 500 | P | 10/22/2025 | 16:55 | LB137619 |
| | Thallium | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 16:55 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 16:55 | LB137619 |
| **CCB06** | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 18:10 | LB137619 |
| | Antimony | 0.11 | +/-1 | U | 2.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 18:10 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 18:10 | LB137619 |

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# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB06** | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 18:10 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 18:10 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Potassium | 36.4 | +/-250 | U | 500 | P | 10/22/2025 | 18:10 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Sodium | 128 | +/-250 | U | 500 | P | 10/22/2025 | 18:10 | LB137619 |
| | Thallium | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 18:10 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 18:10 | LB137619 |
| **CCB07** | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 18:49 | LB137619 |
| | Antimony | 0.11 | +/-1 | U | 2.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 18:49 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 18:49 | LB137619 |
| | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 18:49 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 18:49 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Potassium | 36.4 | +/-250 | U | 500 | P | 10/22/2025 | 18:49 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Sodium | 128 | +/-250 | U | 500 | P | 10/22/2025 | 18:49 | LB137619 |
| | Thallium | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 18:49 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 18:49 | LB137619 |
| **CCB08** | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 19:52 | LB137619 |
| | Antimony | 0.11 | +/-1 | U | 2.00 | P | 10/22/2025 | 19:52 | LB137619 |

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# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB08** | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 19:52 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 19:52 | LB137619 |
| | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 19:52 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 19:52 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Potassium | 36.4 | +/-250 | U | 500 | P | 10/22/2025 | 19:52 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Sodium | 128 | +/-250 | U | 500 | P | 10/22/2025 | 19:52 | LB137619 |
| | Thallium | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 19:52 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 19:52 | LB137619 |
| **CCB09** | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 20:31 | LB137619 |
| | Antimony | 0.18 | +/-1 | J | 2.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 20:31 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 20:31 | LB137619 |
| | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 20:31 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 20:31 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Potassium | 43.9 | +/-250 | J | 500 | P | 10/22/2025 | 20:31 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Sodium | 128 | +/-250 | U | 500 | P | 10/22/2025 | 20:31 | LB137619 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB09** | Thallium | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 20:31 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 20:31 | LB137619 |
| **CCB10** | Aluminum | 1.94 | +/-10 | U | 20.0 | P | 10/22/2025 | 21:06 | LB137619 |
| | Antimony | 0.19 | +/-1 | J | 2.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Arsenic | 0.089 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Barium | 0.21 | +/-5 | U | 10.0 | P | 10/22/2025 | 21:06 | LB137619 |
| | Beryllium | 0.32 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Cadmium | 0.34 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Calcium | 45.7 | +/-250 | U | 500 | P | 10/22/2025 | 21:06 | LB137619 |
| | Chromium | 0.21 | +/-1 | U | 2.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Cobalt | 0.070 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Copper | 0.30 | +/-1 | U | 2.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Iron | 7.81 | +/-25 | U | 50.0 | P | 10/22/2025 | 21:06 | LB137619 |
| | Lead | 0.21 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Magnesium | 19.5 | +/-250 | U | 500 | P | 10/22/2025 | 21:06 | LB137619 |
| | Manganese | 0.43 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Nickel | 0.27 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Potassium | 36.4 | +/-250 | U | 500 | P | 10/22/2025 | 21:06 | LB137619 |
| | Selenium | 2.90 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Silver | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Sodium | 128 | +/-250 | U | 500 | P | 10/22/2025 | 21:06 | LB137619 |
| | Thallium | 0.060 | +/-0.5 | U | 1.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Vanadium | 0.077 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 21:06 | LB137619 |
| | Zinc | 1.25 | +/-2.5 | U | 5.00 | P | 10/22/2025 | 21:06 | LB137619 |

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# Metals
## - 3b -
## PREPARATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Instrument:** CV1

| Sample ID | Analyte | Result (mg/Kg) | Acceptance Limit | Conc Qual | CRQL mg/Kg | M | Analysis Date | Analysis Time | Run |
|---|---|---|---|---|---|---|---|---|---|
| **PB170201BL** | | **SOLID** | | **Batch Number:** | **PB170201** | | **Prep Date:** | **10/21/2025** | |
| | Mercury | 0.0070 | <0.013 | U | 0.013 | CV | 10/22/2025 | 11:49 | LB137610 |

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# Metals
## - 3b -
## PREPARATION BLANK SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Instrument:** P7

| Sample ID | Analyte | Result (mg/Kg) | Acceptance Limit | Conc Qual | CRQL mg/Kg | M | Analysis Date | Analysis Time | Run |
|---|---|---|---|---|---|---|---|---|---|
| **PB170186BL** | | **SOLID** | | **Batch Number:** | **PB170186** | | **Prep Date:** | **10/21/2025** | |
| | Aluminum | 0.36 | <1 | U | 2.00 | P | 10/22/2025 | 15:27 | LB137619 |
| | Antimony | 0.045 | <0.1 | U | 0.20 | P | 10/22/2025 | 15:27 | LB137619 |
| | Arsenic | 0.012 | <0.05 | U | 0.10 | P | 10/22/2025 | 15:27 | LB137619 |
| | Barium | 0.033 | <0.5 | U | 1.00 | P | 10/22/2025 | 15:27 | LB137619 |
| | Beryllium | 0.032 | <0.05 | U | 0.10 | P | 10/22/2025 | 15:27 | LB137619 |
| | Cadmium | 0.018 | <0.05 | U | 0.10 | P | 10/22/2025 | 15:27 | LB137619 |
| | Calcium | 4.79 | <25 | U | 50.0 | P | 10/22/2025 | 15:27 | LB137619 |
| | Chromium | 0.026 | <0.1 | U | 0.20 | P | 10/22/2025 | 15:27 | LB137619 |
| | Cobalt | 0.0090 | <0.05 | U | 0.10 | P | 10/22/2025 | 15:27 | LB137619 |
| | Copper | 0.065 | <0.1 | U | 0.20 | P | 10/22/2025 | 15:27 | LB137619 |
| | Iron | 0.92 | <2.5 | U | 5.00 | P | 10/22/2025 | 15:27 | LB137619 |
| | Lead | 0.032 | <0.05 | U | 0.10 | P | 10/22/2025 | 15:27 | LB137619 |
| | Magnesium | 1.93 | <25 | U | 50.0 | P | 10/22/2025 | 15:27 | LB137619 |
| | Manganese | 0.034 | <0.05 | U | 0.10 | P | 10/22/2025 | 15:27 | LB137619 |
| | Nickel | 0.043 | <0.05 | U | 0.10 | P | 10/22/2025 | 15:27 | LB137619 |
| | Potassium | 3.84 | <25 | U | 50.0 | P | 10/22/2025 | 15:27 | LB137619 |
| | Selenium | 0.28 | <0.25 | U | 0.50 | P | 10/22/2025 | 15:27 | LB137619 |
| | Silver | 0.026 | <0.05 | U | 0.10 | P | 10/22/2025 | 15:27 | LB137619 |
| | Sodium | 7.02 | <25 | U | 50.0 | P | 10/22/2025 | 15:27 | LB137619 |
| | Thallium | 0.014 | <0.05 | U | 0.10 | P | 10/22/2025 | 15:27 | LB137619 |
| | Vanadium | 0.011 | <0.25 | U | 0.50 | P | 10/22/2025 | 15:27 | LB137619 |
| | Zinc | 0.090 | <0.25 | U | 0.50 | P | 10/22/2025 | 15:27 | LB137619 |

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# Metals
## - 4 -
## INTERFERENCE CHECK SAMPLE

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**ICS Source:** EPA **Instrument ID:** P7

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Low Limit (ug/L) | High Limit (ug/L) | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICSA01 | Aluminum | 94400 | 100000 | 94 | 0 | 0 | 10/22/2025 | 13:20 | LB137619 |
| | Antimony | 1.18 | 1.5 | 79 | -2.5 | 5.5 | 10/22/2025 | 13:20 | LB137619 |
| | Arsenic | 0.41 | 0.1 | 410 | -1.9 | 2.1 | 10/22/2025 | 13:20 | LB137619 |
| | Barium | 1.43 | 1.2 | 119 | -18.8 | 21.2 | 10/22/2025 | 13:20 | LB137619 |
| | Beryllium | 0.34 | | | -2 | 2 | 10/22/2025 | 13:20 | LB137619 |
| | Cadmium | 0.22 | 0.7 | 31 | -1.3 | 2.7 | 10/22/2025 | 13:20 | LB137619 |
| | Calcium | 103000 | 100000 | 103 | 0 | 0 | 10/22/2025 | 13:20 | LB137619 |
| | Chromium | 20.4 | 21.0 | 97 | 17 | 25 | 10/22/2025 | 13:20 | LB137619 |
| | Cobalt | 1.30 | 1.0 | 130 | -1 | 3 | 10/22/2025 | 13:20 | LB137619 |
| | Copper | 7.49 | 8.0 | 94 | 4 | 12 | 10/22/2025 | 13:20 | LB137619 |
| | Iron | 106000 | 100000 | 106 | 0 | 0 | 10/22/2025 | 13:20 | LB137619 |
| | Lead | 4.32 | 4.0 | 108 | 2 | 6 | 10/22/2025 | 13:20 | LB137619 |
| | Magnesium | 96600 | 100000 | 97 | 0 | 0 | 10/22/2025 | 13:20 | LB137619 |
| | Manganese | 7.76 | 7.0 | 111 | 5 | 9 | 10/22/2025 | 13:20 | LB137619 |
| | Nickel | 5.51 | 6.0 | 92 | 4 | 8 | 10/22/2025 | 13:20 | LB137619 |
| | Potassium | 104000 | 100000 | 104 | 0 | 0 | 10/22/2025 | 13:20 | LB137619 |
| | Selenium | 0 | 0.3 | | -9.7 | 10 | 10/22/2025 | 13:20 | LB137619 |
| | Silver | 0.040 | | | -2 | 2 | 10/22/2025 | 13:20 | LB137619 |
| | Sodium | 104000 | 100000 | 104 | 0 | 0 | 10/22/2025 | 13:20 | LB137619 |
| | Thallium | 0.060 | | | -2 | 2 | 10/22/2025 | 13:20 | LB137619 |
| | Vanadium | 0.24 | 0.5 | 48 | -9.5 | 10.5 | 10/22/2025 | 13:20 | LB137619 |
| | Zinc | 10.7 | 11.0 | 98 | 1 | 21 | 10/22/2025 | 13:20 | LB137619 |
| ICSAB01 | Aluminum | 95400 | 100000 | 95 | 0 | 0 | 10/22/2025 | 13:23 | LB137619 |
| | Antimony | 21.2 | 22.0 | 96 | 18 | 26 | 10/22/2025 | 13:23 | LB137619 |
| | Arsenic | 18.9 | 19.0 | 100 | 16.2 | 21.9 | 10/22/2025 | 13:23 | LB137619 |
| | Barium | 21.4 | 22.0 | 97 | 2 | 42 | 10/22/2025 | 13:23 | LB137619 |
| | Beryllium | 21.6 | 19.0 | 114 | 16.2 | 21.9 | 10/22/2025 | 13:23 | LB137619 |
| | Cadmium | 20.1 | 20.0 | 100 | 17 | 23 | 10/22/2025 | 13:23 | LB137619 |
| | Calcium | 101000 | 100000 | 101 | 0 | 0 | 10/22/2025 | 13:23 | LB137619 |
| | Chromium | 41.2 | 40.0 | 103 | 34 | 46 | 10/22/2025 | 13:23 | LB137619 |
| | Cobalt | 22.1 | 20.0 | 110 | 17 | 23 | 10/22/2025 | 13:23 | LB137619 |
| | Copper | 26.8 | 25.0 | 107 | 21 | 29 | 10/22/2025 | 13:23 | LB137619 |
| | Iron | 106000 | 100000 | 106 | 0 | 0 | 10/22/2025 | 13:23 | LB137619 |
| | Lead | 23.0 | 25.0 | 92 | 21.3 | 28.8 | 10/22/2025 | 13:23 | LB137619 |
| | Magnesium | 96100 | 100000 | 96 | 0 | 0 | 10/22/2025 | 13:23 | LB137619 |
| | Manganese | 26.8 | 27.0 | 99 | 23 | 31.1 | 10/22/2025 | 13:23 | LB137619 |
| | Nickel | 26.6 | 24.0 | 111 | 20.4 | 27.6 | 10/22/2025 | 13:23 | LB137619 |
| | Potassium | 104000 | 100000 | 104 | 0 | 0 | 10/22/2025 | 13:23 | LB137619 |
| | Selenium | 19.1 | 19.0 | 100 | 9 | 29 | 10/22/2025 | 13:23 | LB137619 |
| | Silver | 19.8 | 18.0 | 110 | 15.3 | 20.7 | 10/22/2025 | 13:23 | LB137619 |
| | Sodium | 104000 | 100000 | 104 | 0 | 0 | 10/22/2025 | 13:23 | LB137619 |
| | Thallium | 19.9 | 21.0 | 95 | 17.9 | 24.2 | 10/22/2025 | 13:23 | LB137619 |

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# Metals
## - 4 -
## INTERFERENCE CHECK SAMPLE

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**ICS Source:** EPA **Instrument ID:** P7

| Sample ID | Analyte | Result ug/L | True Value ug/L | % Recovery | Low Limit (ug/L) | High Limit (ug/L) | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **ICSAB01** | Vanadium | 20.9 | 19.0 | 110 | 9 | 29 | 10/22/2025 | 13:23 | LB137619 |
| | Zinc | 31.0 | 29.0 | 107 | 19 | 39 | 10/22/2025 | 13:23 | LB137619 |

# METAL QC DATA

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# metals
## - 5a -
## MATRIX SPIKE SUMMARY

**client:** AECOM **level:** low **sdg no.:** Q3395

**contract:** AECO02 **lab code:** ACE

**matrix:** Solid **sample id:** Q3395-02 **client id:** PR132-S07-000102-20251017MS

**Percent Solids for Sample:** 47.9 **Spiked ID:** Q3395-03 **Percent Solids for Spike Sample:** 47.9

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 75 - 125 | 16800 | | 15400 | | 1700 | 84 | | P |
| Antimony | mg/Kg | 75 - 125 | 80.1 | | 0.23 | J | 87.0 | 92 | | P |
| Arsenic | mg/Kg | 75 - 125 | 118 | | 40.2 | | 87.0 | 89 | | P |
| Barium | mg/Kg | 75 - 125 | 850 | | 294 | | 430 | 128 | N | P |
| Beryllium | mg/Kg | 75 - 125 | 80.7 | | 1.15 | | 87.0 | 91 | | P |
| Cadmium | mg/Kg | 75 - 125 | 92.6 | | 10.4 | | 87.0 | 94 | | P |
| Calcium | mg/Kg | 75 - 125 | 16200 | | 6070 | | 8700 | 117 | | P |
| Chromium | mg/Kg | 75 - 125 | 599 | D | 437 | D | 87.0 | 186 | | P |
| Cobalt | mg/Kg | 75 - 125 | 91.2 | | 13.1 | | 87.0 | 90 | | P |
| Copper | mg/Kg | 75 - 125 | 1200 | | 417 | | 870 | 90 | | P |
| Iron | mg/Kg | 75 - 125 | 50900 | D | 48500 | D | 4300 | 56 | | P |
| Lead | mg/Kg | 75 - 125 | 1230 | D | 546 | D | 430 | 157 | N | P |
| Magnesium | mg/Kg | 75 - 125 | 19200 | | 8620 | | 8700 | 122 | | P |
| Manganese | mg/Kg | 75 - 125 | 1060 | | 400 | | 870 | 76 | | P |
| Nickel | mg/Kg | 75 - 125 | 205 | D | 72.8 | D | 87.0 | 152 | N | P |
| Mercury | mg/Kg | 80 - 120 | 8.41 | D | 4.52 | D | 0.5 | 777 | | CV |
| Potassium | mg/Kg | 75 - 125 | 6790 | | 3350 | | 4300 | 79 | | P |
| Selenium | mg/Kg | 75 - 125 | 65.5 | | 2.47 | | 87.0 | 72 | N | P |
| Silver | mg/Kg | 75 - 125 | 18.1 | | 8.09 | | 87.0 | 11 | N | P |
| Sodium | mg/Kg | 75 - 125 | 19800 | | 9850 | | 8700 | 114 | | P |
| Thallium | mg/Kg | 75 - 125 | 74.7 | | 0.43 | | 87.0 | 85 | | P |
| Vanadium | mg/Kg | 75 - 125 | 159 | | 66.4 | | 87.0 | 106 | | P |
| Zinc | mg/Kg | 75 - 125 | 1560 | | 574 | | 870 | 114 | | P |

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# metals
## - 5a -
## MATRIX SPIKE DUPLICATE SUMMARY

**client:** AECOM **level:** low **sdg no.:** Q3395

**contract:** AECO02 **lab code:** ACE

**matrix:** Solid **sample id:** Q3395-02 **client id:** PR132-S07-000102-20251017MSD

**Percent Solids for Sample:** 47.9 **Spiked ID:** Q3395-04 **Percent Solids for Spike Sample:** 47.9

| Analyte | Units | Acceptance Limit %R | MSD Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 75 - 125 | 16600 | | 15400 | | 1700 | 72 | | P |
| Antimony | mg/Kg | 75 - 125 | 81.8 | | 0.23 | J | 85.6 | 95 | | P |
| Arsenic | mg/Kg | 75 - 125 | 115 | | 40.2 | | 85.6 | 88 | | P |
| Barium | mg/Kg | 75 - 125 | 848 | | 294 | | 430 | 129 | N | P |
| Beryllium | mg/Kg | 75 - 125 | 77.1 | | 1.15 | | 85.6 | 89 | | P |
| Cadmium | mg/Kg | 75 - 125 | 93.0 | | 10.4 | | 85.6 | 96 | | P |
| Calcium | mg/Kg | 75 - 125 | 16200 | | 6070 | | 8600 | 119 | | P |
| Chromium | mg/Kg | 75 - 125 | 586 | D | 437 | D | 85.6 | 174 | | P |
| Cobalt | mg/Kg | 75 - 125 | 89.5 | | 13.1 | | 85.6 | 89 | | P |
| Copper | mg/Kg | 75 - 125 | 1180 | | 417 | | 860 | 90 | | P |
| Iron | mg/Kg | 75 - 125 | 49500 | D | 48500 | D | 4300 | 25 | | P |
| Lead | mg/Kg | 75 - 125 | 1210 | D | 546 | D | 430 | 154 | N | P |
| Magnesium | mg/Kg | 75 - 125 | 18900 | | 8620 | | 8600 | 121 | | P |
| Manganese | mg/Kg | 75 - 125 | 1050 | | 400 | | 860 | 76 | | P |
| Nickel | mg/Kg | 75 - 125 | 201 | D | 72.8 | D | 85.6 | 150 | N | P |
| Mercury | mg/Kg | 80 - 120 | 8.56 | D | 4.52 | D | 0.49 | 824 | | CV |
| Potassium | mg/Kg | 75 - 125 | 6680 | | 3350 | | 4300 | 78 | | P |
| Selenium | mg/Kg | 75 - 125 | 64.8 | | 2.47 | | 85.6 | 73 | N | P |
| Silver | mg/Kg | 75 - 125 | 18.6 | | 8.09 | | 85.6 | 12 | N | P |
| Sodium | mg/Kg | 75 - 125 | 19500 | | 9850 | | 8600 | 113 | | P |
| Thallium | mg/Kg | 75 - 125 | 71.9 | | 0.43 | | 85.6 | 83 | | P |
| Vanadium | mg/Kg | 75 - 125 | 154 | | 66.4 | | 85.6 | 102 | | P |
| Zinc | mg/Kg | 75 - 125 | 1540 | | 574 | | 860 | 113 | | P |

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# Metals
## - 5b -
## POST DIGEST SPIKE SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Matrix:** Solid **Level:** LOW **Client ID:** PR132-S07-000102-20251017A

**Sample ID:** Q3395-02 **Spiked ID:** Q3395-02A

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Barium | mg/Kg | 75 - 125 | 652 | | 294 | | 450 | 79 | | P |
| Lead | mg/Kg | 75 - 125 | 955 | D | 546 | D | 450 | 91 | | P |
| Nickel | mg/Kg | 75 - 125 | 148 | D | 72.8 | D | 90.0 | 84 | | P |
| Selenium | mg/Kg | 75 - 125 | 69.5 | | 2.47 | | 90.0 | 74 | N | P |
| Silver | mg/Kg | 75 - 125 | 20.7 | | 8.09 | | 90.0 | 14 | N | P |

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# Metals

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## DUPLICATE SAMPLE SUMMARY

**Client:** AECOM **Level:** LOW **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Matrix:** Solid **Sample ID:** Q3395-02 **Client ID:** PR132-S07-000102-20251017DUP

**Percent Solids for Sample:** 47.9 **Duplicate ID** Q3395-02DUP **Percent Solids for Spike Sample:** 47.9

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 20 | 15400 | | 14800 | | 4 | | P |
| Antimony | mg/Kg | 20 | 0.23 | J | 0.29 | J | 22 | | P |
| Arsenic | mg/Kg | 20 | 40.2 | | 37.7 | | 6 | | P |
| Barium | mg/Kg | 20 | 294 | | 283 | | 4 | | P |
| Beryllium | mg/Kg | 20 | 1.15 | | 1.10 | | 4 | | P |
| Cadmium | mg/Kg | 20 | 10.4 | | 9.88 | | 5 | | P |
| Calcium | mg/Kg | 20 | 6070 | | 5820 | | 4 | | P |
| Chromium | mg/Kg | 20 | 437 | D | 411 | D | 6 | | P |
| Cobalt | mg/Kg | 20 | 13.1 | | 12.5 | | 5 | | P |
| Copper | mg/Kg | 20 | 417 | | 395 | | 5 | | P |
| Iron | mg/Kg | 20 | 41500 | | 40600 | | 2 | | P |
| Lead | mg/Kg | 20 | 502 | | 489 | | 3 | | P |
| Magnesium | mg/Kg | 20 | 8620 | | 8290 | | 4 | | P |
| Manganese | mg/Kg | 20 | 400 | | 383 | | 4 | | P |
| Nickel | mg/Kg | 20 | 61.2 | | 59.3 | | 3 | | P |
| Mercury | mg/Kg | 20 | 4.52 | D | 5.12 | D | 12 | | CV |
| Potassium | mg/Kg | 20 | 3350 | | 3220 | | 4 | | P |
| Selenium | mg/Kg | 20 | 2.47 | | 2.32 | | 6 | | P |
| Silver | mg/Kg | 20 | 8.09 | | 7.61 | | 6 | | P |
| Sodium | mg/Kg | 20 | 9850 | | 9460 | | 4 | | P |
| Thallium | mg/Kg | 20 | 0.43 | | 0.41 | | 3 | | P |
| Vanadium | mg/Kg | 20 | 66.4 | | 62.8 | | 6 | | P |
| Zinc | mg/Kg | 20 | 574 | | 545 | | 5 | | P |

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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# Metals

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## DUPLICATE SAMPLE SUMMARY

**Client:** AECOM **Level:** LOW **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

**Matrix:** Solid **Sample ID:** Q3395-03 **Client ID:** PR132-S07-000102-20251017MSD

**Percent Solids for Sample:** 47.9 **Duplicate ID** Q3395-04 **Percent Solids for Spike Sample:** 47.9

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 20 | 16800 | | 16600 | | 1 | | P |
| Antimony | mg/Kg | 20 | 80.1 | | 81.8 | | 2 | | P |
| Arsenic | mg/Kg | 20 | 118 | | 115 | | 3 | | P |
| Barium | mg/Kg | 20 | 850 | | 848 | | 0 | | P |
| Beryllium | mg/Kg | 20 | 80.7 | | 77.1 | | 5 | | P |
| Cadmium | mg/Kg | 20 | 92.6 | | 93.0 | | 0 | | P |
| Calcium | mg/Kg | 20 | 16200 | | 16200 | | 0 | | P |
| Chromium | mg/Kg | 20 | 599 | D | 586 | D | 2 | | P |
| Cobalt | mg/Kg | 20 | 91.2 | | 89.5 | | 2 | | P |
| Copper | mg/Kg | 20 | 1200 | | 1180 | | 2 | | P |
| Iron | mg/Kg | 20 | 50900 | D | 49500 | D | 3 | | P |
| Lead | mg/Kg | 20 | 1230 | D | 1210 | D | 2 | | P |
| Magnesium | mg/Kg | 20 | 19200 | | 18900 | | 2 | | P |
| Manganese | mg/Kg | 20 | 1060 | | 1050 | | 1 | | P |
| Nickel | mg/Kg | 20 | 205 | D | 201 | D | 2 | | P |
| Mercury | mg/Kg | 20 | 8.41 | D | 8.56 | D | 2 | | CV |
| Potassium | mg/Kg | 20 | 6790 | | 6680 | | 2 | | P |
| Selenium | mg/Kg | 20 | 65.5 | | 64.8 | | 1 | | P |
| Silver | mg/Kg | 20 | 18.1 | | 18.6 | | 3 | | P |
| Sodium | mg/Kg | 20 | 19800 | | 19500 | | 2 | | P |
| Thallium | mg/Kg | 20 | 74.7 | | 71.9 | | 4 | | P |
| Vanadium | mg/Kg | 20 | 159 | | 154 | | 3 | | P |
| Zinc | mg/Kg | 20 | 1560 | | 1540 | | 1 | | P |

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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## LABORATORY CONTROL SAMPLE SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Analyte | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|---|---|---|---|---|---|---|---|
| PB170186BS | | | | | | | |
| Aluminum | mg/Kg | 1000 | 1070 | | 107 | 80 - 120 | P |
| Antimony | mg/Kg | 50.0 | 52.8 | | 106 | 80 - 120 | P |
| Arsenic | mg/Kg | 50.0 | 51.2 | | 102 | 80 - 120 | P |
| Barium | mg/Kg | 250 | 261 | | 104 | 80 - 120 | P |
| Beryllium | mg/Kg | 50.0 | 52.4 | | 105 | 80 - 120 | P |
| Cadmium | mg/Kg | 50.0 | 52.9 | | 106 | 80 - 120 | P |
| Calcium | mg/Kg | 5000 | 5370 | | 107 | 80 - 120 | P |
| Chromium | mg/Kg | 50.0 | 55.3 | | 111 | 80 - 120 | P |
| Cobalt | mg/Kg | 50.0 | 52.4 | | 105 | 80 - 120 | P |
| Copper | mg/Kg | 500 | 531 | | 106 | 80 - 120 | P |
| Iron | mg/Kg | 2500 | 2800 | | 112 | 80 - 120 | P |
| Lead | mg/Kg | 250 | 260 | | 104 | 80 - 120 | P |
| Magnesium | mg/Kg | 5000 | 5270 | | 105 | 80 - 120 | P |
| Manganese | mg/Kg | 500 | 530 | | 106 | 80 - 120 | P |
| Nickel | mg/Kg | 50.0 | 54.6 | | 109 | 80 - 120 | P |
| Potassium | mg/Kg | 2500 | 2670 | | 107 | 80 - 120 | P |
| Selenium | mg/Kg | 50.0 | 52.5 | | 105 | 80 - 120 | P |
| Silver | mg/Kg | 50.0 | 49.7 | | 99 | 80 - 120 | P |
| Sodium | mg/Kg | 5000 | 5370 | | 107 | 80 - 120 | P |
| Thallium | mg/Kg | 50.0 | 52.8 | | 106 | 80 - 120 | P |
| Vanadium | mg/Kg | 50.0 | 52.0 | | 104 | 80 - 120 | P |
| Zinc | mg/Kg | 500 | 540 | | 108 | 80 - 120 | P |

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## LABORATORY CONTROL SAMPLE SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE

| Analyte | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|---|---|---|---|---|---|---|---|
| PB170201BS | | | | | | | |
| Mercury | mg/Kg | 0.25 | 0.20 | | 82 | 80 - 120 | CV |

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM Contract: AECO02

Lab Code: ACE SDG No.: Q3395

Instrument ID: P7 Start Date : 10/22/2025

Run Number: LB137619 End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Non-Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 6Li | Q | Element 45Sc | Q | Element 89Y | Q | Element 103Rh | Q | Element 159Tb | Q |
| S0 | S0 | 1154 | 100 | | 100 | | 100 | | 100 | | 100 | |
| S2 | S2 | 1157 | 99 | | 98 | | 101 | | 99 | | 99 | |
| S3 | S3 | 1204 | 98 | | 99 | | 99 | | 98 | | 97 | |
| S4 | S4 | 1207 | 96 | | 96 | | 99 | | 98 | | 99 | |
| S5 | S5 | 1210 | 96 | | 94 | | 96 | | 95 | | 99 | |
| S6 | S6 | 1213 | 97 | | 93 | | 96 | | 95 | | 100 | |
| S7 | S7 | 1216 | 98 | | 95 | | 97 | | 96 | | 102 | |
| S8 | S8 | 1219 | 101 | | 101 | | 101 | | 94 | | 104 | |
| ICV01 | ICV01 | 1238 | 96 | | 100 | | 102 | | 101 | | 100 | |
| LLICV01 | LLICV01 | 1312 | 92 | | 97 | | 100 | | 98 | | 97 | |
| ICB01 | ICB01 | 1316 | 93 | | 99 | | 99 | | 98 | | 97 | |
| ICSA01 | ICSA01 | 1320 | 94 | | 100 | | 101 | | 97 | | 102 | |
| ICSAB01 | ICSAB01 | 1323 | 95 | | 104 | | 107 | | 103 | | 108 | |
| CCV01 | CCV01 | 1327 | 95 | | 105 | | 106 | | 100 | | 105 | |
| CCB01 | CCB01 | 1330 | 90 | | 98 | | 101 | | 99 | | 99 | |
| CRI01 | CRI01 | 1333 | 92 | | 100 | | 101 | | 101 | | 101 | |
| ZZZZZZ | ZZZZZZ | 1340 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1343 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1346 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1349 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1353 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1356 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1359 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1402 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1408 | | | | | | | | | | |
| CCV02 | CCV02 | 1411 | 95 | | 104 | | 105 | | 99 | | 104 | |
| CCB02 | CCB02 | 1418 | 92 | | 99 | | 101 | | 103 | | 100 | |
| ZZZZZZ | ZZZZZZ | 1421 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1424 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1427 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1430 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1434 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1437 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1440 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1443 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1446 | | | | | | | | | | |

Internal Standard %RI Limit: 70 - 130

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM Contract: AECO02

Lab Code: ACE SDG No.: Q3395

Instrument ID: P7 Start Date : 10/22/2025

Run Number: LB137619 End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Non-Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 6Li | Q | Element 45Sc | Q | Element 89Y | Q | Element 103Rh | Q | Element 159Tb | Q |
| ZZZZZZ | ZZZZZZ | 1449 | | | | | | | | | | |
| CCV03 | CCV03 | 1454 | 90 | | 100 | | 102 | | 96 | | 101 | |
| CCB03 | CCB03 | 1505 | 89 | | 99 | | 101 | | 100 | | 100 | |
| ZZZZZZ | ZZZZZZ | 1514 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1517 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1520 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1524 | | | | | | | | | | |
| PB170186BL | PB170186BL | 1527 | 90 | | 96 | | 98 | | 98 | | 98 | |
| PB170186BS | PB170186BS | 1530 | 91 | | 95 | | 97 | | 97 | | 100 | |
| ZZZZZZ | ZZZZZZ | 1533 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1536 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1539 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1542 | | | | | | | | | | |
| CCV04 | CCV04 | 1545 | 92 | | 99 | | 101 | | 96 | | 101 | |
| CCB04 | CCB04 | 1600 | 87 | | 96 | | 98 | | 98 | | 97 | |
| ZZZZZZ | ZZZZZZ | 1603 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1606 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1609 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1613 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1616 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1619 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1625 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1631 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1640 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1643 | | | | | | | | | | |
| CCV05 | CCV05 | 1646 | 94 | | 102 | | 103 | | 99 | | 105 | |
| CCB05 | CCB05 | 1655 | 87 | | 95 | | 98 | | 98 | | 100 | |
| ZZZZZZ | ZZZZZZ | 1700 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1715 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1718 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1722 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1725 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1728 | | | | | | | | | | |
| Q3395-01 | PR132-S09-01 | 1731 | 90 | | 107 | | 121 | | 97 | | 103 | |
| Q3395-02 | PR132-S07-01 | 1734 | 89 | | 108 | | 123 | | 95 | | 102 | |
| Q3395-02DUP | PR132-S07-01 | 1741 | 92 | | 110 | | 126 | | 99 | | 106 | |

Internal Standard %RI Limit: 70 - 130

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM Contract: AECO02

Lab Code: ACE SDG No.: Q3395

Instrument ID: P7 Start Date : 10/22/2025

Run Number: LB137619 End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Non-Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 6Li | Q | Element 45Sc | Q | Element 89Y | Q | Element 103Rh | Q | Element 159Tb | Q |
| Q3395-02L | PR132-S07-01 | 1744 | 89 | | 100 | | 106 | | 97 | | 104 | |
| CCV06 | CCV06 | 1759 | 85 | | 95 | | 97 | | 93 | | 102 | |
| CCB06 | CCB06 | 1810 | 82 | | 90 | | 93 | | 94 | | 97 | |
| Q3395-03 | PR132-S07-01 | 1815 | 89 | | 107 | | 123 | | 92 | | 101 | |
| Q3395-04 | PR132-S07-01 | 1818 | 92 | | 108 | | 124 | | 95 | | 101 | |
| Q3395-02A | PR132-S07-01 | 1821 | 91 | | 105 | | 121 | | 95 | | 103 | |
| Q3395-05 | PR132-S07-10 | 1823 | 93 | | 108 | | 130 | | 95 | | 103 | |
| Q3395-06 | PR132-COMP01 | 1826 | 90 | | 104 | | 117 | | 94 | | 100 | |
| ZZZZZZ | ZZZZZZ | 1829 | | | | | | | | | | |
| CCV07 | CCV07 | 1841 | 84 | | 94 | | 98 | | 93 | | 99 | |
| CCB07 | CCB07 | 1849 | 80 | | 90 | | 94 | | 95 | | 96 | |
| ZZZZZZ | ZZZZZZ | 1912 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1915 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1918 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1922 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1925 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1928 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1931 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1934 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1937 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1941 | | | | | | | | | | |
| CCV08 | CCV08 | 1944 | 84 | | 92 | | 96 | | 92 | | 98 | |
| CCB08 | CCB08 | 1952 | 78 | | 89 | | 92 | | 92 | | 94 | |
| ZZZZZZ | ZZZZZZ | 1957 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2000 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2003 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2006 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2009 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2012 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2016 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2019 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2022 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2025 | | | | | | | | | | |
| CCV09 | CCV09 | 2028 | 83 | | 92 | | 94 | | 91 | | 97 | |
| CCB09 | CCB09 | 2031 | 80 | | 89 | | 92 | | 91 | | 95 | |
| Q3395-01 | PR132-S09-01 | 2035 | 81 | | 91 | | 98 | | 92 | | 95 | |

Internal Standard %RI Limit: 70 - 130

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM Contract: AECO02

Lab Code: ACE SDG No.: Q3395

Instrument ID: P7 Start Date : 10/22/2025

Run Number: LB137619 End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Non-Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 6Li | Q | Element 45Sc | Q | Element 89Y | Q | Element 103Rh | Q | Element 159Tb | Q |
| Q3395-02 | PR132-S07-02 | 2038 | 84 | | 93 | | 100 | | 95 | | 99 | |
| Q3395-02DUP | PR132-S07-02 | 2041 | 84 | | 95 | | 100 | | 95 | | 99 | |
| Q3395-02L | PR132-S07-02 | 2044 | 83 | | 93 | | 97 | | 97 | | 98 | |
| Q3395-03 | PR132-S07-02 | 2048 | 84 | | 96 | | 105 | | 97 | | 98 | |
| Q3395-04 | PR132-S07-02 | 2051 | 84 | | 96 | | 102 | | 94 | | 98 | |
| Q3395-02A | PR132-S07-02 | 2054 | 83 | | 95 | | 99 | | 95 | | 97 | |
| Q3395-05 | PR132-S07-12 | 2057 | 83 | | 95 | | 102 | | 95 | | 97 | |
| ZZZZZZ | ZZZZZZ | 2100 | | | | | | | | | | |
| CCV10 | CCV10 | 2103 | 83 | | 92 | | 94 | | 91 | | 99 | |
| CCB10 | CCB10 | 2106 | 83 | | 90 | | 93 | | 95 | | 99 | |

Internal Standard %RI Limit: 70 - 130

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM
Contract: AECO02
Lab Code: ACE
SDG No.: Q3395
Instrument ID: P7
Start Date : 10/22/2025
Run Number: LB137619
End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 45Sc | Q | Element 89Y | Q | Element 103Rh | Q | Element 159Tb | Q | Element 165Ho | Q |
| S0 | S0 | 1154 | 100 | | 100 | | 100 | | 100 | | 100 | |
| S2 | S2 | 1157 | 99 | | 99 | | 100 | | 98 | | 99 | |
| S3 | S3 | 1204 | 98 | | 97 | | 97 | | 98 | | 97 | |
| S4 | S4 | 1207 | 96 | | 97 | | 94 | | 97 | | 99 | |
| S5 | S5 | 1210 | 95 | | 95 | | 93 | | 96 | | 97 | |
| S6 | S6 | 1213 | 96 | | 95 | | 95 | | 99 | | 100 | |
| S7 | S7 | 1216 | 97 | | 95 | | 94 | | 100 | | 101 | |
| S8 | S8 | 1219 | 105 | | 104 | | 94 | | 103 | | 105 | |
| ICV01 | ICV01 | 1238 | 101 | | 102 | | 100 | | 101 | | 102 | |
| LLICV01 | LLICV01 | 1312 | 98 | | 99 | | 97 | | 98 | | 99 | |
| ICB01 | ICB01 | 1316 | 99 | | 101 | | 99 | | 99 | | 100 | |
| ICSA01 | ICSA01 | 1320 | 101 | | 100 | | 97 | | 101 | | 103 | |
| ICSAB01 | ICSAB01 | 1323 | 104 | | 102 | | 100 | | 104 | | 105 | |
| CCV01 | CCV01 | 1327 | 103 | | 102 | | 97 | | 103 | | 105 | |
| CCB01 | CCB01 | 1330 | 98 | | 100 | | 99 | | 99 | | 100 | |
| CRI01 | CRI01 | 1333 | 99 | | 99 | | 99 | | 101 | | 101 | |
| ZZZZZZ | ZZZZZZ | 1340 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1343 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1346 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1349 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1353 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1356 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1359 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1402 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1408 | | | | | | | | | | |
| CCV02 | CCV02 | 1411 | 104 | | 104 | | 98 | | 105 | | 105 | |
| CCB02 | CCB02 | 1418 | 100 | | 102 | | 102 | | 103 | | 104 | |
| ZZZZZZ | ZZZZZZ | 1421 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1424 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1427 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1430 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1434 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1437 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1440 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1443 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1446 | | | | | | | | | | |

Internal Standard %RI Limit: 70 - 130

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM Contract: AECO02

Lab Code: ACE SDG No.: Q3395

Instrument ID: P7 Start Date : 10/22/2025

Run Number: LB137619 End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 45Sc | Q | Element 89Y | Q | Element 103Rh | Q | Element 159Tb | Q | Element 165Ho | Q |
| ZZZZZZ | ZZZZZZ | 1449 | | | | | | | | | | |
| CCV03 | CCV03 | 1454 | 101 | | 101 | | 96 | | 104 | | 103 | |
| CCB03 | CCB03 | 1505 | 97 | | 100 | | 99 | | 102 | | 102 | |
| ZZZZZZ | ZZZZZZ | 1514 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1517 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1520 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1524 | | | | | | | | | | |
| PB170186BL | PB170186BL | 1527 | 94 | | 98 | | 98 | | 100 | | 100 | |
| PB170186BS | PB170186BS | 1530 | 96 | | 98 | | 95 | | 101 | | 104 | |
| ZZZZZZ | ZZZZZZ | 1533 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1536 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1539 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1542 | | | | | | | | | | |
| CCV04 | CCV04 | 1545 | 99 | | 98 | | 95 | | 101 | | 102 | |
| CCB04 | CCB04 | 1600 | 94 | | 97 | | 96 | | 98 | | 100 | |
| ZZZZZZ | ZZZZZZ | 1603 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1606 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1609 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1613 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1616 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1619 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1625 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1631 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1640 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1643 | | | | | | | | | | |
| CCV05 | CCV05 | 1646 | 103 | | 102 | | 99 | | 107 | | 108 | |
| CCB05 | CCB05 | 1655 | 94 | | 98 | | 98 | | 101 | | 102 | |
| ZZZZZZ | ZZZZZZ | 1700 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1715 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1718 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1722 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1725 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1728 | | | | | | | | | | |
| Q3395-01 | PR132-S09-01 | 1731 | 109 | | 122 | | 98 | | 106 | | 106 | |
| Q3395-02 | PR132-S07-01 | 1734 | 109 | | 123 | | 97 | | 105 | | 103 | |
| Q3395-02DUP | PR132-S07-01 | 1741 | 112 | | 127 | | 99 | | 106 | | 108 | |

Internal Standard %RI Limit: 70 - 130

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM Contract: AECO02

Lab Code: ACE SDG No.: Q3395

Instrument ID: P7 Start Date : 10/22/2025

Run Number: LB137619 End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 45Sc | Q | Element 89Y | Q | Element 103Rh | Q | Element 159Tb | Q | Element 165Ho | Q |
| Q3395-02L | PR132-S07-01 | 1744 | 101 | | 106 | | 102 | | 104 | | 106 | |
| CCV06 | CCV06 | 1759 | 96 | | 96 | | 93 | | 102 | | 102 | |
| CCB06 | CCB06 | 1810 | 89 | | 93 | | 93 | | 97 | | 97 | |
| Q3395-03 | PR132-S07-01 | 1815 | 108 | | 121 | | 94 | | 104 | | 103 | |
| Q3395-04 | PR132-S07-01 | 1818 | 109 | | 123 | | 97 | | 104 | | 104 | |
| Q3395-02A | PR132-S07-01 | 1821 | 107 | | 119 | | 96 | | 103 | | 103 | |
| Q3395-05 | PR132-S07-11 | 1823 | 112 | | 130 | | 97 | | 104 | | 105 | |
| Q3395-06 | PR132-COMP01 | 1826 | 104 | | 118 | | 97 | | 103 | | 102 | |
| ZZZZZZ | ZZZZZZ | 1829 | | | | | | | | | | |
| CCV07 | CCV07 | 1841 | 95 | | 95 | | 92 | | 99 | | 100 | |
| CCB07 | CCB07 | 1849 | 90 | | 94 | | 95 | | 97 | | 96 | |
| ZZZZZZ | ZZZZZZ | 1912 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1915 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1918 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1922 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1925 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1928 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1931 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1934 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1937 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1941 | | | | | | | | | | |
| CCV08 | CCV08 | 1944 | 93 | | 95 | | 91 | | 100 | | 100 | |
| CCB08 | CCB08 | 1952 | 89 | | 93 | | 93 | | 95 | | 95 | |
| ZZZZZZ | ZZZZZZ | 1957 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2000 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2003 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2006 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2009 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2012 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2016 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2019 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2022 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2025 | | | | | | | | | | |
| CCV09 | CCV09 | 2028 | 92 | | 93 | | 90 | | 98 | | 98 | |
| CCB09 | CCB09 | 2031 | 89 | | 94 | | 93 | | 97 | | 96 | |
| Q3395-01 | PR132-S09-01 | 2035 | 93 | | 98 | | 94 | | 97 | | 99 | |

Internal Standard %RI Limit: 70 - 130

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM Contract: AECO02

Lab Code: ACE SDG No.: Q3395

Instrument ID: P7 Start Date : 10/22/2025

Run Number: LB137619 End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 45Sc | Q | Element 89Y | Q | Element 103Rh | Q | Element 159Tb | Q | Element 165Ho | Q |
| Q3395-02 | PR132-S07-02 | 2038 | 95 | | 100 | | 96 | | 100 | | 100 | |
| Q3395-02DUP | PR132-S07-02 | 2041 | 95 | | 101 | | 95 | | 100 | | 100 | |
| Q3395-02L | PR132-S07-02 | 2044 | 94 | | 97 | | 96 | | 98 | | 99 | |
| Q3395-03 | PR132-S07-02 | 2048 | 96 | | 102 | | 95 | | 100 | | 100 | |
| Q3395-04 | PR132-S07-02 | 2051 | 96 | | 100 | | 96 | | 100 | | 100 | |
| Q3395-02A | PR132-S07-02 | 2054 | 96 | | 100 | | 95 | | 98 | | 99 | |
| Q3395-05 | PR132-S07-12 | 2057 | 97 | | 103 | | 96 | | 101 | | 100 | |
| ZZZZZZ | ZZZZZZ | 2100 | | | | | | | | | | |
| CCV10 | CCV10 | 2103 | 92 | | 94 | | 91 | | 101 | | 101 | |
| CCB10 | CCB10 | 2106 | 89 | | 94 | | 96 | | 99 | | 98 | |

Internal Standard %RI Limit: 70 - 130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM
Contract: AECO02
Lab Code: ACE
SDG No.: Q3395
Instrument ID: P7
Start Date : 10/22/2025
Run Number: LB137619
End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Non-Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 165Ho | Q | Element 209Bi | Q | Element | Q | Element | Q | Element | Q |
| S0 | S0 | 1154 | 100 | | 100 | | | | | | | |
| S2 | S2 | 1157 | 98 | | 99 | | | | | | | |
| S3 | S3 | 1204 | 97 | | 99 | | | | | | | |
| S4 | S4 | 1207 | 99 | | 100 | | | | | | | |
| S5 | S5 | 1210 | 99 | | 99 | | | | | | | |
| S6 | S6 | 1213 | 101 | | 102 | | | | | | | |
| S7 | S7 | 1216 | 102 | | 103 | | | | | | | |
| S8 | S8 | 1219 | 103 | | 95 | | | | | | | |
| ICV01 | ICV01 | 1238 | 100 | | 100 | | | | | | | |
| LLICV01 | LLICV01 | 1312 | 97 | | 96 | | | | | | | |
| ICB01 | ICB01 | 1316 | 97 | | 95 | | | | | | | |
| ICSA01 | ICSA01 | 1320 | 101 | | 98 | | | | | | | |
| ICSAB01 | ICSAB01 | 1323 | 105 | | 100 | | | | | | | |
| CCV01 | CCV01 | 1327 | 106 | | 100 | | | | | | | |
| CCB01 | CCB01 | 1330 | 99 | | 97 | | | | | | | |
| CRI01 | CRI01 | 1333 | 101 | | 99 | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1340 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1343 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1346 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1349 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1353 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1356 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1359 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1402 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1408 | | | | | | | | | | |
| CCV02 | CCV02 | 1411 | 104 | | 98 | | | | | | | |
| CCB02 | CCB02 | 1418 | 101 | | 99 | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1421 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1424 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1427 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1430 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1434 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1437 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1440 | | | | | | | | | | |

Internal Standard %RI Limit: 70 -130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM | Contract: AECO02

Lab Code: ACE | SDG No.: Q3395

Instrument ID: P7 | Start Date : 10/22/2025

Run Number: LB137619 | End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Non-Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 165Ho | Q | Element 209Bi | Q | Element | Q | Element | Q | Element | Q |
| ZZZZZZ | ZZZZZZ | 1443 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1446 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1449 | | | | | | | | | | |
| CCV03 | CCV03 | 1454 | 101 | | 94 | | | | | | | |
| CCB03 | CCB03 | 1505 | 100 | | 97 | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1514 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1517 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1520 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1524 | | | | | | | | | | |
| PB170186BL | PB170186BL | 1527 | 97 | | 97 | | | | | | | |
| PB170186BS | PB170186BS | 1530 | 101 | | 97 | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1533 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1536 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1539 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1542 | | | | | | | | | | |
| CCV04 | CCV04 | 1545 | 101 | | 96 | | | | | | | |
| CCB04 | CCB04 | 1600 | 95 | | 96 | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1603 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1606 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1609 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1613 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1616 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1619 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1625 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1631 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1640 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1643 | | | | | | | | | | |
| CCV05 | CCV05 | 1646 | 107 | | 99 | | | | | | | |
| CCB05 | CCB05 | 1655 | 100 | | 98 | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1700 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1715 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1718 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1722 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1725 | | | | | | | | | | |

Internal Standard %RI Limit: 70 -130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM | Contract: AECO02

Lab Code: ACE | SDG No.: Q3395

Instrument ID: P7 | Start Date : 10/22/2025

Run Number: LB137619 | End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Non-Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 165Ho | Q | Element 209Bi | Q | Element | Q | Element | Q | Element | Q |
| ZZZZZZ | ZZZZZZ | 1728 | | | | | | | | | | |
| Q3395-01 | PR132-S09-0( | 1731 | 102 | | 104 | | | | | | | |
| Q3395-02 | PR132-S07-0( | 1734 | 101 | | 104 | | | | | | | |
| Q3395-02DUP | PR132-S07-0( | 1741 | 106 | | 105 | | | | | | | |
| Q3395-02L | PR132-S07-0( | 1744 | 103 | | 101 | | | | | | | |
| CCV06 | CCV06 | 1759 | 101 | | 94 | | | | | | | |
| CCB06 | CCB06 | 1810 | 97 | | 95 | | | | | | | |
| Q3395-03 | PR132-S07-0( | 1815 | 101 | | 106 | | | | | | | |
| Q3395-04 | PR132-S07-0( | 1818 | 103 | | 111 | | | | | | | |
| Q3395-02A | PR132-S07-0( | 1821 | 103 | | 104 | | | | | | | |
| Q3395-05 | PR132-S07-1( | 1823 | 104 | | 110 | | | | | | | |
| Q3395-06 | PR132-COMP03 | 1826 | 101 | | 105 | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1829 | | | | | | | | | | |
| CCV07 | CCV07 | 1841 | 100 | | 93 | | | | | | | |
| CCB07 | CCB07 | 1849 | 96 | | 95 | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1912 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1915 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1918 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1922 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1925 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1928 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1931 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1934 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1937 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1941 | | | | | | | | | | |
| CCV08 | CCV08 | 1944 | 100 | | 93 | | | | | | | |
| CCB08 | CCB08 | 1952 | 93 | | 93 | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1957 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2000 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2003 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2006 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2009 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2012 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2016 | | | | | | | | | | |

Internal Standard %RI Limit: 70 -130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM
Contract: AECO02
Lab Code: ACE
SDG No.: Q3395
Instrument ID: P7
Start Date : 10/22/2025
Run Number: LB137619
End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Non-Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 165Ho | Q | Element 209Bi | Q | Element | Q | Element | Q | Element | Q |
| ZZZZZZ | ZZZZZZ | 2019 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2022 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2025 | | | | | | | | | | |
| CCV09 | CCV09 | 2028 | 98 | | 91 | | | | | | | |
| CCB09 | CCB09 | 2031 | 93 | | 92 | | | | | | | |
| Q3395-01 | PR132-S09-0( | 2035 | 95 | | 95 | | | | | | | |
| Q3395-02 | PR132-S07-0( | 2038 | 99 | | 98 | | | | | | | |
| Q3395-02DUP | PR132-S07-0( | 2041 | 98 | | 97 | | | | | | | |
| Q3395-02L | PR132-S07-0( | 2044 | 97 | | 95 | | | | | | | |
| Q3395-03 | PR132-S07-0( | 2048 | 99 | | 97 | | | | | | | |
| Q3395-04 | PR132-S07-0( | 2051 | 98 | | 99 | | | | | | | |
| Q3395-02A | PR132-S07-0( | 2054 | 97 | | 95 | | | | | | | |
| Q3395-05 | PR132-S07-1( | 2057 | 97 | | 97 | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2100 | | | | | | | | | | |
| CCV10 | CCV10 | 2103 | 98 | | 92 | | | | | | | |
| CCB10 | CCB10 | 2106 | 98 | | 97 | | | | | | | |

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM Contract: AECO02

Lab Code: ACE SDG No.: Q3395

Instrument ID: P7 Start Date : 10/22/2025

Run Number: LB137619 End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 209Bi | Q | Element | Q | Element | Q | Element | Q | Element | Q |
| S0 | S0 | 1154 | 100 | | | | | | | | | |
| S2 | S2 | 1157 | 101 | | | | | | | | | |
| S3 | S3 | 1204 | 99 | | | | | | | | | |
| S4 | S4 | 1207 | 97 | | | | | | | | | |
| S5 | S5 | 1210 | 97 | | | | | | | | | |
| S6 | S6 | 1213 | 98 | | | | | | | | | |
| S7 | S7 | 1216 | 97 | | | | | | | | | |
| S8 | S8 | 1219 | 94 | | | | | | | | | |
| ICV01 | ICV01 | 1238 | 102 | | | | | | | | | |
| LLICV01 | LLICV01 | 1312 | 97 | | | | | | | | | |
| ICB01 | ICB01 | 1316 | 99 | | | | | | | | | |
| ICSA01 | ICSA01 | 1320 | 95 | | | | | | | | | |
| ICSAB01 | ICSAB01 | 1323 | 99 | | | | | | | | | |
| CCV01 | CCV01 | 1327 | 96 | | | | | | | | | |
| CCB01 | CCB01 | 1330 | 98 | | | | | | | | | |
| CRI01 | CRI01 | 1333 | 99 | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1340 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1343 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1346 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1349 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1353 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1356 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1359 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1402 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1408 | | | | | | | | | | |
| CCV02 | CCV02 | 1411 | 97 | | | | | | | | | |
| CCB02 | CCB02 | 1418 | 100 | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1421 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1424 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1427 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1430 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1434 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1437 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1440 | | | | | | | | | | |

Internal Standard %RI Limit: 70 -130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM | Contract: AECO02

Lab Code: ACE | SDG No.: Q3395

Instrument ID: P7 | Start Date : 10/22/2025

Run Number: LB137619 | End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 209Bi | Q | Element | Q | Element | Q | Element | Q | Element | Q |
| ZZZZZZ | ZZZZZZ | 1443 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1446 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1449 | | | | | | | | | | |
| CCV03 | CCV03 | 1454 | 93 | | | | | | | | | |
| CCB03 | CCB03 | 1505 | 99 | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1514 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1517 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1520 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1524 | | | | | | | | | | |
| PB170186BL | PB170186BL | 1527 | 98 | | | | | | | | | |
| PB170186BS | PB170186BS | 1530 | 97 | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1533 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1536 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1539 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1542 | | | | | | | | | | |
| CCV04 | CCV04 | 1545 | 93 | | | | | | | | | |
| CCB04 | CCB04 | 1600 | 95 | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1603 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1606 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1609 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1613 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1616 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1619 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1625 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1631 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1640 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1643 | | | | | | | | | | |
| CCV05 | CCV05 | 1646 | 97 | | | | | | | | | |
| CCB05 | CCB05 | 1655 | 96 | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1700 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1715 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1718 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1722 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1725 | | | | | | | | | | |

Internal Standard %RI Limit: 70 -130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM Contract: AECO02

Lab Code: ACE SDG No.: Q3395

Instrument ID: P7 Start Date : 10/22/2025

Run Number: LB137619 End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 209Bi | Q | Element | Q | Element | Q | Element | Q | Element | Q |
| ZZZZZZ | ZZZZZZ | 1728 | | | | | | | | | | |
| Q3395-01 | PR132-S09-0( | 1731 | 102 | | | | | | | | | |
| Q3395-02 | PR132-S07-0( | 1734 | 101 | | | | | | | | | |
| Q3395-02DUP | PR132-S07-0( | 1741 | 103 | | | | | | | | | |
| Q3395-02L | PR132-S07-0( | 1744 | 99 | | | | | | | | | |
| CCV06 | CCV06 | 1759 | 93 | | | | | | | | | |
| CCB06 | CCB06 | 1810 | 93 | | | | | | | | | |
| Q3395-03 | PR132-S07-0( | 1815 | 106 | | | | | | | | | |
| Q3395-04 | PR132-S07-0( | 1818 | 107 | | | | | | | | | |
| Q3395-02A | PR132-S07-0( | 1821 | 100 | | | | | | | | | |
| Q3395-05 | PR132-S07-1( | 1823 | 109 | | | | | | | | | |
| Q3395-06 | PR132-COMP03 | 1826 | 102 | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1829 | | | | | | | | | | |
| CCV07 | CCV07 | 1841 | 91 | | | | | | | | | |
| CCB07 | CCB07 | 1849 | 93 | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1912 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1915 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1918 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1922 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1925 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1928 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1931 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1934 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1937 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1941 | | | | | | | | | | |
| CCV08 | CCV08 | 1944 | 89 | | | | | | | | | |
| CCB08 | CCB08 | 1952 | 93 | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 1957 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2000 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2003 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2006 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2009 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2012 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2016 | | | | | | | | | | |

Internal Standard %RI Limit: 70 -130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM Contract: AECO02

Lab Code: ACE SDG No.: Q3395

Instrument ID: P7 Start Date : 10/22/2025

Run Number: LB137619 End Date : 10/22/2025

| Lab SampleID | Client SampleID | Time | Internal Standard %RI For: Collision Cell | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Element 209Bi | Q | Element | Q | Element | Q | Element | Q | Element | Q |
| ZZZZZZ | ZZZZZZ | 2019 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2022 | | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2025 | | | | | | | | | | |
| CCV09 | CCV09 | 2028 | 88 | | | | | | | | | |
| CCB09 | CCB09 | 2031 | 93 | | | | | | | | | |
| Q3395-01 | PR132-S09-0( | 2035 | 96 | | | | | | | | | |
| Q3395-02 | PR132-S07-0( | 2038 | 96 | | | | | | | | | |
| Q3395-02DUP | PR132-S07-0( | 2041 | 96 | | | | | | | | | |
| Q3395-02L | PR132-S07-0( | 2044 | 93 | | | | | | | | | |
| Q3395-03 | PR132-S07-0( | 2048 | 97 | | | | | | | | | |
| Q3395-04 | PR132-S07-0( | 2051 | 97 | | | | | | | | | |
| Q3395-02A | PR132-S07-0( | 2054 | 94 | | | | | | | | | |
| Q3395-05 | PR132-S07-1( | 2057 | 97 | | | | | | | | | |
| ZZZZZZ | ZZZZZZ | 2100 | | | | | | | | | | |
| CCV10 | CCV10 | 2103 | 90 | | | | | | | | | |
| CCB10 | CCB10 | 2106 | 96 | | | | | | | | | |

Internal Standard %RI Limit: 70 -130

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# Metals

## -9 -

## ICP SERIAL DILUTIONS

SAMPLE NO.

PR132-S07-000102-20251017L

**Lab Name:** Alliance **Contract:** AECO02

**Lab Code:** ACE **Lb No.:** lb137619 **Lab Sample ID :** Q3395-02L **SDG No.:** Q3395

**Matrix (soil/water):** Solid **Level (low/med):** LOW

**Concentration Units:** mg/Kg

| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | M |
|---|---|---|---|---|---|---|---|
| Aluminum | 15400 | | 16500 | | 7 | | P |
| Antimony | 0.23 | J | 1.80 | U | 100.0 | | P |
| Arsenic | 40.2 | | 45.9 | | 14 | | P |
| Barium | 294 | | 275 | | 6 | | P |
| Beryllium | 1.15 | | 1.16 | | 1 | | P |
| Cadmium | 10.4 | | 10.3 | | 1 | | P |
| Calcium | 6070 | | 6560 | | 8 | | P |
| Chromium | 383 | OR | 407 | | 6 | | P |
| Cobalt | 13.1 | | 14.0 | | 8 | | P |
| Copper | 417 | | 446 | | 7 | | P |
| Iron | 41500 | | 44800 | | 8 | | P |
| Lead | 502 | | 516 | | 3 | | P |
| Magnesium | 8620 | | 9240 | | 7 | | P |
| Manganese | 400 | | 422 | | 6 | | P |
| Nickel | 61.2 | | 66.0 | | 8 | | P |
| Mercury | 5.01 | OR | 5.77 | | 15 | | CV |
| Potassium | 3350 | | 3600 | | 8 | | P |
| Selenium | 2.47 | | 3.07 | J | 24 | | P |
| Silver | 8.09 | | 8.11 | | 0 | | P |
| Sodium | 9850 | | 10700 | | 9 | | P |
| Thallium | 0.43 | | 0.43 | J | 2 | | P |
| Vanadium | 66.4 | | 70.0 | | 5 | | P |
| Zinc | 574 | | 623 | | 9 | | P |

# METAL PREPARATION & INSTRUMENT DATA

# METAL PREPARATION & ANALYICAL SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Metals
## - 13 -
## SAMPLE PREPARATION SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE **Method:**

| Sample ID | Client ID | Sample Type | Matrix | Prep Date | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|---|---|---|---|---|---|---|---|
| **Batch Number:** | **PB170186** | | | | | | |
| PB170186BL | PB170186BL | MB | SOLID | 10/21/2025 | 1.00 | 100.0 | 100.00 |
| PB170186BS | PB170186BS | LCS | SOLID | 10/21/2025 | 1.00 | 100.0 | 100.00 |
| Q3395-01 | PR132-S09-000051-20251017 | SAM | SOLID | 10/21/2025 | 1.18 | 100.0 | 52.90 |
| Q3395-02 | PR132-S07-000102-20251017 | SAM | SOLID | 10/21/2025 | 1.16 | 100.0 | 47.90 |
| Q3395-02DUP | PR132-S07-000102-20251017DUP | DUP | SOLID | 10/21/2025 | 1.23 | 100.0 | 47.90 |
| Q3395-03 | PR132-S07-000102-20251017MS | MS | SOLID | 10/21/2025 | 1.20 | 100.0 | 47.90 |
| Q3395-04 | PR132-S07-000102-20251017MSD | MSD | SOLID | 10/21/2025 | 1.22 | 100.0 | 47.90 |
| Q3395-05 | PR132-S07-102116-20251017 | SAM | SOLID | 10/21/2025 | 1.08 | 100.0 | 51.40 |
| Q3395-06 | PR132-COMP03-2025-20251017 | SAM | SOLID | 10/21/2025 | 1.18 | 100.0 | 69.80 |

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# Metals
## - 13 -
## SAMPLE PREPARATION SUMMARY

**Client:** AECOM **SDG No.:** Q3395

**Contract:** AECO02 **Lab Code:** ACE **Method:**

| Sample ID | Client ID | Sample Type | Matrix | Prep Date | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|---|---|---|---|---|---|---|---|
| **Batch Number:** | **PB170201** | | | | | | |
| PB170201BL | PB170201BL | MB | SOLID | 10/21/2025 | 0.54 | 35.0 | 100.00 |
| PB170201BS | PB170201BS | LCS | SOLID | 10/21/2025 | 0.57 | 35.0 | 100.00 |
| Q3395-01 | PR132-S09-000051-20251017 | SAM | SOLID | 10/21/2025 | 0.60 | 35.0 | 52.90 |
| Q3395-02 | PR132-S07-000102-20251017 | SAM | SOLID | 10/21/2025 | 0.58 | 35.0 | 47.90 |
| Q3395-02DUP | PR132-S07-000102-20251017DUP | DUP | SOLID | 10/21/2025 | 0.57 | 35.0 | 47.90 |
| Q3395-03 | PR132-S07-000102-20251017MS | MS | SOLID | 10/21/2025 | 0.59 | 35.0 | 47.90 |
| Q3395-04 | PR132-S07-000102-20251017MSD | MSD | SOLID | 10/21/2025 | 0.60 | 35.0 | 47.90 |
| Q3395-05 | PR132-S07-102116-20251017 | SAM | SOLID | 10/21/2025 | 0.57 | 35.0 | 51.40 |
| Q3395-06 | PR132-COMP03-2025-20251017 | SAM | SOLID | 10/21/2025 | 0.51 | 35.0 | 69.80 |

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**metals**
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**ANALYSIS RUN LOG**

**Client:** AECOM **Contract:** AECO02

**Lab code:** ACE **Sdg no.:** Q3395

**Instrument id number:** **Method:** **Run number:** LB137610

**Start date:** 10/22/2025 **End date:** 10/22/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1113 | HG |
| S0.2 | S0.2 | 1 | 1116 | HG |
| S2.5 | S2.5 | 1 | 1118 | HG |
| S5 | S5 | 1 | 1120 | HG |
| S7.5 | S7.5 | 1 | 1123 | HG |
| S10 | S10 | 1 | 1125 | HG |
| ICV83 | ICV83 | 1 | 1129 | HG |
| ICB83 | ICB83 | 1 | 1131 | HG |
| CCV71 | CCV71 | 1 | 1134 | HG |
| CCB71 | CCB71 | 1 | 1136 | HG |
| CRA | CRA | 1 | 1139 | HG |
| PB170201BL | PB170201BL | 1 | 1149 | HG |
| PB170201BS | PB170201BS | 1 | 1151 | HG |
| CCV72 | CCV72 | 1 | 1214 | HG |
| CCB72 | CCB72 | 1 | 1216 | HG |
| Q3395-06 | PR132-COMP03-2025-2025101 | 1 | 1237 | HG |
| CCV73 | CCV73 | 1 | 1248 | HG |
| CCB73 | CCB73 | 1 | 1254 | HG |
| Q3395-02L | PR132-S07-000102-20251017L | 5 | 1308 | HG |
| CCV74 | CCV74 | 1 | 1323 | HG |
| CCB74 | CCB74 | 1 | 1326 | HG |
| Q3395-01 | PR132-S09-000051-20251017 | 10 | 1343 | HG |
| Q3395-02 | PR132-S07-000102-20251017 | 10 | 1345 | HG |
| Q3395-02DUP | PR132-S07-000102-20251017DU | 10 | 1352 | HG |
| Q3395-03 | PR132-S07-000102-20251017M | 10 | 1354 | HG |
| Q3395-04 | PR132-S07-000102-20251017M | 10 | 1357 | HG |
| Q3395-05 | PR132-S07-102116-20251017 | 10 | 1400 | HG |
| CCV75 | CCV75 | 1 | 1411 | HG |
| CCB75 | CCB75 | 1 | 1413 | HG |
| CCV76 | CCV76 | 1 | 1442 | HG |
| CCB76 | CCB76 | 1 | 1444 | HG |
| CCV77 | CCV77 | 1 | 1459 | HG |
| CCB77 | CCB77 | 1 | 1502 | HG |

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**metals**
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**ANALYSIS RUN LOG**

**Client:** AECOM **Contract:** AECO02

**Lab code:** ACE **Sdg no.:** Q3395

**Instrument id number:** **Method:** **Run number:** LB137619

**Start date:** 10/22/2025 **End date:** 10/22/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1154 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2 | S2 | 1 | 1157 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3 | S3 | 1 | 1204 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4 | S4 | 1 | 1207 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5 | S5 | 1 | 1210 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S6 | S6 | 1 | 1213 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S7 | S7 | 1 | 1216 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S8 | S8 | 1 | 1219 | Al,Ca,Fe,K,Mg,Na |
| ICV01 | ICV01 | 1 | 1238 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01 | LLICV01 | 1 | 1312 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01 | ICB01 | 1 | 1316 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01 | ICSA01 | 1 | 1320 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01 | ICSAB01 | 1 | 1323 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01 | CCV01 | 1 | 1327 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01 | CCB01 | 1 | 1330 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01 | CRI01 | 1 | 1333 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02 | CCV02 | 1 | 1411 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02 | CCB02 | 1 | 1418 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV03 | CCV03 | 1 | 1454 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03 | CCB03 | 1 | 1505 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB170186BL | PB170186BL | 1 | 1527 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB170186BS | PB170186BS | 1 | 1530 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV04 | CCV04 | 1 | 1545 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04 | CCB04 | 1 | 1600 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05 | CCV05 | 1 | 1646 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05 | CCB05 | 1 | 1655 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3395-01 | PR132-S09-000051-20251017 | 1 | 1731 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3395-02 | PR132-S07-000102-20251017 | 1 | 1734 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3395-02DUP | PR132-S07-000102-20251017DU | 1 | 1741 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3395-02L | PR132-S07-000102-20251017L | 5 | 1744 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV06 | CCV06 | 1 | 1759 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB06 | CCB06 | 1 | 1810 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3395-03 | PR132-S07-000102-20251017M | 1 | 1815 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cu,K,Mg,Mn,Na,Sb,Se,Tl,V,Zn |
| Q3395-04 | PR132-S07-000102-20251017M | 1 | 1818 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cu,K,Mg,Mn,Na,Sb,Se,Tl,V,Zn |
| Q3395-02A | PR132-S07-000102-20251017A | 1 | 1821 | Ag,Ba,Se |
| Q3395-05 | PR132-S07-102116-20251017 | 1 | 1823 | Ag,As,Ba,Be,Ca,Cd,Co,Cu,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3395-06 | PR132-COMP03-2025-2025101 | 1 | 1826 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV07 | CCV07 | 1 | 1841 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB07 | CCB07 | 1 | 1849 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV08 | CCV08 | 1 | 1944 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB08 | CCB08 | 1 | 1952 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

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**metals**
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**ANALYSIS RUN LOG**

**Client:** AECOM **Contract:** AECO02

**Lab code:** ACE **Sdg no.:** Q3395

**Instrument id number:** **Method:** **Run number:** LB137619

**Start date:** 10/22/2025 **End date:** 10/22/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| CCV09 | CCV09 | 1 | 2028 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB09 | CCB09 | 1 | 2031 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3395-01 | PR132-S09-000051-20251017 | 5 | 2035 | Cr |
| Q3395-02 | PR132-S07-000102-20251017 | 5 | 2038 | Cr |
| Q3395-02DUP | PR132-S07-000102-20251017DU | 5 | 2041 | Cr |
| Q3395-03 | PR132-S07-000102-20251017M | 5 | 2048 | Cr,Fe,Ni,Pb |
| Q3395-04 | PR132-S07-000102-20251017M | 5 | 2051 | Cr,Fe,Ni,Pb |
| Q3395-02A | PR132-S07-000102-20251017A | 5 | 2054 | Ni,Pb |
| Q3395-05 | PR132-S07-102116-20251017 | 5 | 2057 | Al,Cr,Fe |
| CCV10 | CCV10 | 1 | 2103 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB10 | CCB10 | 1 | 2106 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

# METAL
# RAW DATA

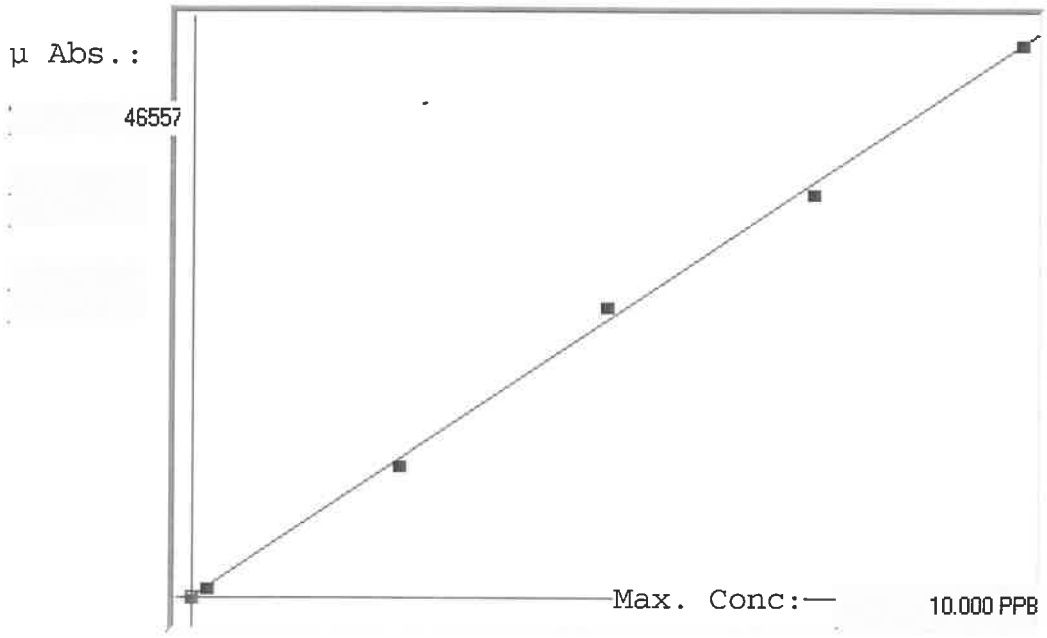
Reviewed By:Janvi
On:10/28/2025 3:11:04 PM
Inst Id :CV1
LB :LB137610

LB137610

7471B

INSTRUMENT ID: CV1

Linear




A= 0.0000e+000

B= 2.1521e-004

C= -7.6249e-003

Rho= 0.9992927

Accept=Accepted

| Std ID | Conc. | Calc. | Dev. | Mean | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.000 | -0.006 | -0.006 | 8 | 0.000 | 8 | | | | |
| 0.2 | 0.200 | 0.189 | -0.011 | 913 | 0.0 % | 913 | | | | |
| 2.5 | 2.500 | 2.418 | -0.082 | 11271 | 0.0 % | 11271 | | | | |
| 5.0 | 5.000 | 5.272 | 0.272 | 24534 | 0.0 % | 24534 | | | | |
| 7.5 | 7.500 | 7.315 | -0.185 | 34024 | 0.0 % | 34024 | | | | |
| 10.0 | 10.000 | 10.012 | 0.012 | 46557 | 0.0 % | 46557 | | | | |

Reviewed By:Janvi
On:10/28/2025 3:11:04 PM
Inst Id :CV1
LB :LB137610

# LB137610 INSTRUMENT ID : CV1

Method: 7471B Operator: Admin Date of Analysis: 22 Oct 2025 10:56:53

| Type | Sample ID | Extended ID | Conc | µ Abs | Units | Type | Stnd Conc | Method | Date |
|---|---|---|---|---|---|---|---|---|---|
| S | 0.0 - 1 | | - | 8 | PPB | Std | 0.00000 | 7471B | 22 Oct 2025 11:13:41 |
| S | 0.2 - 1 | | - | 913 | PPB | Std | 0.20000 | 7471B | 22 Oct 2025 11:16:07 |
| S | 2.5 - 1 | | - | 11271 | PPB | Std | 2.50000 | 7471B | 22 Oct 2025 11:18:24 |
| S | 5.0 - 1 | | - | 24534 | PPB | Std | 5.00000 | 7471B | 22 Oct 2025 11:20:42 |
| S | 7.5 - 1 | | - | 34024 | PPB | Std | 7.50000 | 7471B | 22 Oct 2025 11:23:14 |
| S | 10.0 - 1 | | - | 46557 | PPB | Std | 10.00000 | 7471B | 22 Oct 2025 11:25:58 |
| U | ICV83 - 1 | ICV83 | 3.7784 | 17592 | PPB | SMPL | | 7471B | 22 Oct 2025 11:29:10 |
| U | ICB83 - 1 | ICB83 | -0.0707 | -293 | PPB | SMPL | | 7471B | 22 Oct 2025 11:31:41 |
| U | CCV71 - 1 | CCV71 | 4.9816 | 23183 | PPB | SMPL | | 7471B | 22 Oct 2025 11:34:19 |
| U | CCB71 - 1 | CCB71 | -0.0750 | -313 | PPB | SMPL | | 7471B | 22 Oct 2025 11:36:34 |
| U | CRA - 1 | CRA | 0.1725 | 837 | PPB | SMPL | | 7471B | 22 Oct 2025 11:39:15 |
| U | HighStd - 1 | HighStd | 8.9845 | 41783 | PPB | SMPL | | 7471B | 22 Oct 2025 11:41:30 |
| U | ChkStd - 1 | ChkStd | 6.6917 | 31129 | PPB | SMPL | | 7471B | 22 Oct 2025 11:43:45 |
| U | PB170201BL - 1 | PB170201BL | -0.0152 | -35 | PPB | SMPL | | 7471B | 22 Oct 2025 11:49:40 |
| U | PB170201BS - 1 | PB170201BS | 3.3152 | 15440 | PPB | SMPL | | 7471B | 22 Oct 2025 11:51:56 |
| U | Q3393-01 - 1 | PR132-S10-000022-20251017 | 20.0627 | 93259 | PPB | SMPL | | 7471B | 22 Oct 2025 11:54:50 |
| U | Q3393-02 - 1 | PR132-S10-022047-20251017 | 34.7952 | 161715 | PPB | SMPL | | 7471B | 22 Oct 2025 11:57:27 |
| U | Q3393-03 - 1 | PR132-S08-013038-20251017 | 47.3676 | 220134 | PPB | SMPL | | 7471B | 22 Oct 2025 12:00:25 |
| U | Q3393-04 - 1 | PR132-S06-000021-20251017 | 33.9423 | 157752 | PPB | SMPL | | 7471B | 22 Oct 2025 12:03:35 |
| U | Q3393-05 - 1 | PR132-S08-000013-20251017 | 48.6344 | 226020 | PPB | SMPL | | 7471B | 22 Oct 2025 12:06:49 |
| U | CCV72 - 1 | CCV72 | 4.7072 | 21908 | PPB | SMPL | | 7471B | 22 Oct 2025 12:14:25 |
| U | CCB72 - 1 | CCB72 | -0.0920 | -392 | PPB | SMPL | | 7471B | 22 Oct 2025 12:16:39 |
| U | Q3395-01 - 1 | PR132-S09-000051-20251017 | 49.7597 | 231249 | PPB | SMPL | | 7471B | 22 Oct 2025 12:19:18 |
| U | Q3395-02 - 1 | PR132-S07-000102-20251017 | 39.7982 | 184962 | PPB | SMPL | | 7471B | 22 Oct 2025 12:21:42 |
| U | Q3395-02DUP - 1 | PR132-S07-000102-20251017DUP | 43.4009 | 201702 | PPB | SMPL | | 7471B | 22 Oct 2025 12:24:53 |
| U | Q3395-03 - 1 | Q3395-02MS | 51.0744 | 237358 | PPB | SMPL | | 7471B | 22 Oct 2025 12:28:05 |
| U | Q3395-04 - 1 | Q3395-02MSD | 49.9891 | 232315 | PPB | SMPL | | 7471B | 22 Oct 2025 12:31:06 |
| U | Q3395-05 - 1 | PR132-S07-102116-20251017 | 37.9261 | 176263 | PPB | SMPL | | 7471B | 22 Oct 2025 12:34:16 |
| U | Q3395-06 - 1 | PR132-COMP03-20251017 | 9.8402 | 45759 | PPB | SMPL | | 7471B | 22 Oct 2025 12:37:36 |
| U | Q3395-07 - 1 | PR132-S08-038048-20251017 | 35.4417 | 164719 | PPB | SMPL | | 7471B | 22 Oct 2025 12:40:57 |
| U | Q3397-01 - 1 | TP-7-WC | -0.5659 | -2594 | PPB | SMPL | | 7471B | 22 Oct 2025 12:43:43 |
| U | Q3402-01 - 1 | 41-LA | 5.1871 | 24138 | PPB | SMPL | | 7471B | 22 Oct 2025 12:46:23 |
| U | CCV73 - 1 | CCV73 | 4.8889 | 22752 | PPB | SMPL | | 7471B | 22 Oct 2025 12:48:39 |
| U | CCB73 - 1 | CCB73 | -0.0061 | 7 | PPB | SMPL | | 7471B | 22 Oct 2025 12:54:12 |
| U | Q3402-04 - 1 | 41-RA | 3.8739 | 18036 | PPB | SMPL | | 7471B | 22 Oct 2025 12:57:47 |
| U | Q3402-07 - 1 | 41-LB | 15.7133 | 73049 | PPB | SMPL | | 7471B | 22 Oct 2025 13:00:02 |
| U | Q3402-10 - 1 | 41-RB | 11.5111 | 53523 | PPB | SMPL | | 7471B | 22 Oct 2025 13:02:42 |
| U | Q3403-01 - 1 | MH-18 | -0.0922 | -393 | PPB | SMPL | | 7471B | 22 Oct 2025 13:05:30 |
| U | Q3395-02LX5 - 1 | | 9.1653 | 42623 | PPB | SMPL | | 7471B | 22 Oct 2025 13:08:13 |
| U | Q3393-01DLX5 - 1 | | 1.4920 | 6968 | PPB | SMPL | | 7471B | 22 Oct 2025 13:13:09 |
| U | Q3393-02DLX5 - 1 | | 6.9243 | 32210 | PPB | SMPL | | 7471B | 22 Oct 2025 13:15:53 |
| U | Q3393-03DLX5 - 1 | | 9.9024 | 46048 | PPB | SMPL | | 7471B | 22 Oct 2025 13:18:21 |
| U | Q3393-04DLX5 - 1 | | 7.2814 | 33869 | PPB | SMPL | | 7471B | 22 Oct 2025 13:20:58 |
| U | CCV74 - 1 | CCV74 | 5.2388 | 24378 | PPB | SMPL | | 7471B | 22 Oct 2025 13:23:34 |
| U | CCB74 - 1 | CCB74 | -0.1350 | -592 | PPB | SMPL | | 7471B | 22 Oct 2025 13:26:20 |
| U | Q3393-05DLX10 - 1 | | 4.3842 | 20407 | PPB | SMPL | | 7471B | 22 Oct 2025 13:35:19 |
| U | Q3395-01DLX10 - 1 | | 5.1271 | 23859 | PPB | SMPL | | 7471B | 22 Oct 2025 13:43:36 |
| U | Q3395-02DLX10 - 1 | | 3.5892 | 16713 | PPB | SMPL | | 7471B | 22 Oct 2025 13:45:51 |
| U | Q3395-02DUPDLX10 - 1 | | 3.9970 | 18608 | PPB | SMPL | | 7471B | 22 Oct 2025 13:52:23 |
| U | Q3395-03DLX10 - 1 | | 6.7870 | 31572 | PPB | SMPL | | 7471B | 22 Oct 2025 13:54:55 |
| U | Q3395-04DLX10 - 1 | | 7.0274 | 32689 | PPB | SMPL | | 7471B | 22 Oct 2025 13:57:35 |
| U | Q3395-05DLX10 - 1 | | 5.1140 | 23798 | PPB | SMPL | | 7471B | 22 Oct 2025 14:00:25 |
| U | Q3395-07DLX10 - 1 | | 4.3067 | 20047 | PPB | SMPL | | 7471B | 22 Oct 2025 14:03:17 |
| U | Q3402-07DLX5 - 1 | | 3.0875 | 14382 | PPB | SMPL | | 7471B | 22 Oct 2025 14:06:04 |
| U | Q3402-10DLX5 - 1 | | 2.4695 | 11510 | PPB | SMPL | | 7471B | 22 Oct 2025 14:08:47 |
| U | CCV75 - 1 | CCV75 | 5.3754 | 25013 | PPB | SMPL | | 7471B | 22 Oct 2025 14:11:22 |
| U | CCB75 - 1 | CCB75 | -0.0477 | -186 | PPB | SMPL | | 7471B | 22 Oct 2025 14:13:53 |
| U | Q3395-02LX5DLX50 - 1 | | 1.3054 | 6101 | PPB | SMPL | | 7471B | 22 Oct 2025 14:16:35 |
| U | Q3395-02ADLX10 - 1 | | 5.4514 | 25366 | PPB | SMPL | | 7471B | 22 Oct 2025 14:18:51 |
| U | Q3375-01DLX10 - 1 | | 5.2777 | 24559 | PPB | SMPL | | 7471B | 22 Oct 2025 14:21:09 |
| U | Q3375-03DLX10 - 1 | | 1.3975 | 6529 | PPB | SMPL | | 7471B | 22 Oct 2025 14:23:54 |
| U | Q3375-04DLX10 - 1 | | 2.1819 | 10174 | PPB | SMPL | | 7471B | 22 Oct 2025 14:26:34 |
| U | Q3375-05DLX10 - 1 | | 1.2186 | 5698 | PPB | SMPL | | 7471B | 22 Oct 2025 14:28:53 |
| U | Q3376-01DL10 - 1 | | 5.3937 | 25098 | PPB | SMPL | | 7471B | 22 Oct 2025 14:31:35 |
| U | Q3376-02DLX10 - 1 | | 5.1430 | 23933 | PPB | SMPL | | 7471B | 22 Oct 2025 14:33:59 |
| U | Q3376-03DLX10 - 1 | | 3.9594 | 18433 | PPB | SMPL | | 7471B | 22 Oct 2025 14:36:45 |
| U | Q3376-04DLX10 - 1 | | 5.7282 | 26652 | PPB | SMPL | | 7471B | 22 Oct 2025 14:39:28 |
| U | CCV76 - 1 | CCV76 | 5.2168 | 24276 | PPB | SMPL | | 7471B | 22 Oct 2025 14:42:07 |
| U | CCB76 - 1 | CCB76 | -0.0567 | -228 | PPB | SMPL | | 7471B | 22 Oct 2025 14:44:49 |
| U | Q3376-05DLX10 - 1 | | 5.8870 | 27390 | PPB | SMPL | | 7471B | 22 Oct 2025 14:47:30 |
| U | Q3376-06DLX10 - 1 | | 2.3130 | 10783 | PPB | SMPL | | 7471B | 22 Oct 2025 14:49:54 |
| U | Q3395-02A - 1 | | 48.4163 | 225007 | PPB | SMPL | | 7471B | 22 Oct 2025 14:53:34 |
| U | CCV77 - 1 | CCV77 | 5.4301 | 25267 | PPB | SMPL | | 7471B | 22 Oct 2025 14:59:45 |
| U | CCB77 - 1 | CCB77 | -0.0507 | -200 | PPB | SMPL | | 7471B | 22 Oct 2025 15:02:08 |
| U | CCV77 - 1 | CCV77 | -0.0076 | 0 | PPB | SMPL | | 7471B | 22 Oct 2025 14:52:37 |

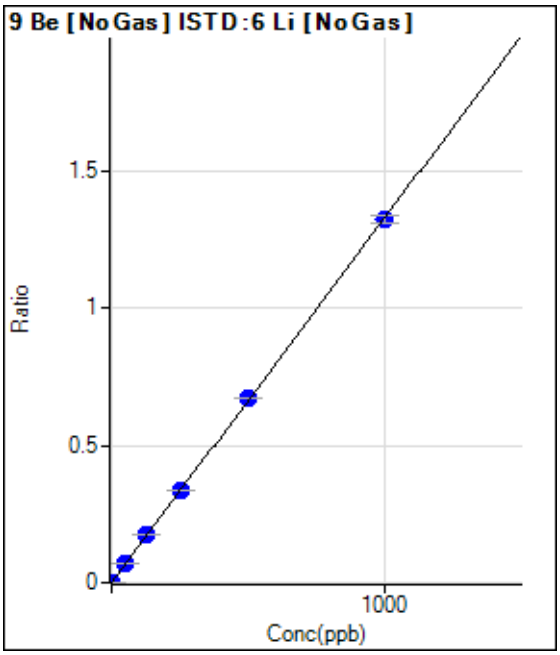
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

# Calibration for 009CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102225 MS.b\
Analysis File: P7102225 MS.batch.bin
DA Date-Time: 2025-10-22 14:05:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 010CALB.d | S00 | 2025-10-22 11:54:14 |
| 2 | 011CALS.d | S02 | 2025-10-22 11:57:32 |
| 3 | 013CALS.d | S03 | 2025-10-22 12:04:15 |
| 4 | 014CALS.d | S04 | 2025-10-22 12:07:29 |
| 5 | 015CALS.d | S05 | 2025-10-22 12:10:30 |
| 6 | 016CALS.d | S06 | 2025-10-22 12:13:30 |
| 7 | 017CALS.d | S07 | 2025-10-22 12:16:18 |
| 8 | 018CALS.d | S08 | 2025-10-22 12:19:08 |

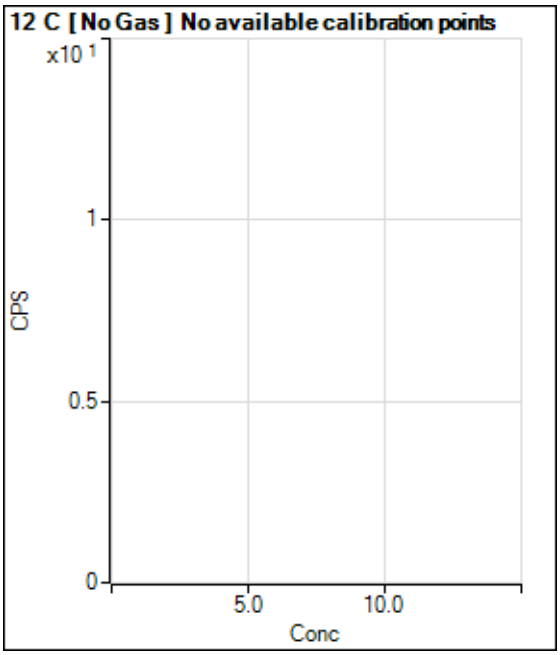
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 21.11 | 0.0000 | P | 59.7 |
| 2 | ☐ | 1.000 | 1.149 | 1113.39 | 0.0016 | P | 7.7 |
| 3 | ☐ | 50.000 | 51.926 | 48553.38 | 0.0689 | P | 1.7 |
| 4 | ☐ | 125.000 | 131.139 | 120882.89 | 0.1741 | P | 0.4 |
| 5 | ☐ | 250.000 | 252.403 | 232255.28 | 0.3350 | P | 0.6 |
| 6 | ☐ | 500.000 | 506.347 | 467899.02 | 0.6720 | P | 0.8 |
| 7 | ☐ | 1000.000 | 995.362 | 936902.07 | 1.3210 | P | 2.2 |
| 8 | ☐ | | | 360.01 | 0.0005 | P | 8.3 |

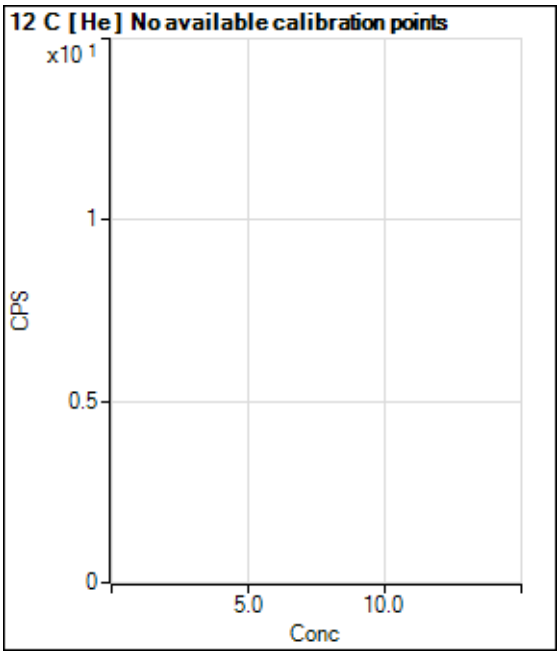
y = 0.0013 * x + 2.9259E-005
R = 1.0000
DL = 0.03951

Weight: <None>
Min Conc: <None>

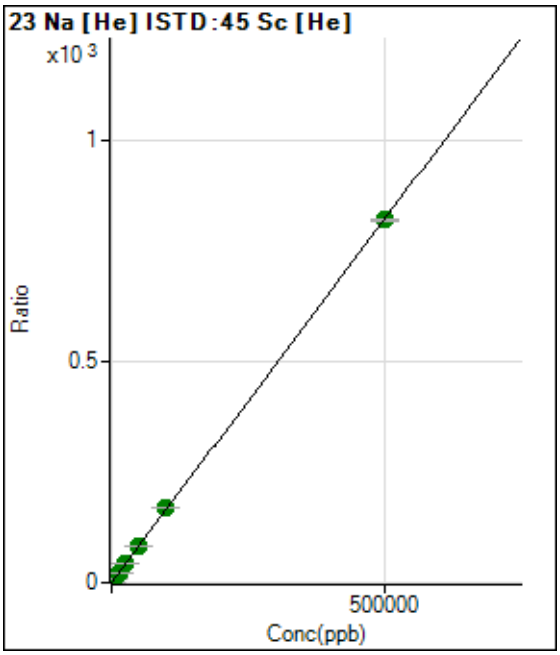



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




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

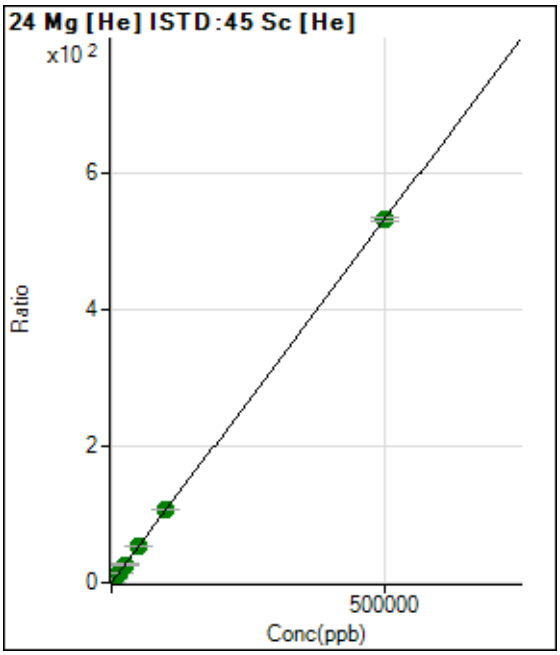



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 14882.82 | 0.0578 | P | 0.9 |
| 2 | ☐ | 500.000 | 552.947 | 247792.11 | 0.9680 | P | 1.3 |
| 3 | ☐ | 5000.000 | 5058.692 | 2125288.88 | 8.3843 | A | 2.9 |
| 4 | ☐ | 12500.000 | 13108.110 | 5347178.18 | 21.6334 | A | 0.9 |
| 5 | ☐ | 25000.000 | 25641.129 | 10301556.31 | 42.2624 | A | 0.9 |
| 6 | ☐ | 50000.000 | 50945.832 | 20649942.19 | 83.9132 | A | 0.5 |
| 7 | ☐ | 100000.00 | 103198.12 | 42281972.70 | 169.9190 | A | 0.9 |
| 8 | ☐ | 500000.00 | 499217.89 | 222105341.1 | 821.7564 | A | 0.2 |

y = 0.0016 * x + 0.0578
R = 1.0000
DL = 0.9961

Weight: <None>
Min Conc: <None>

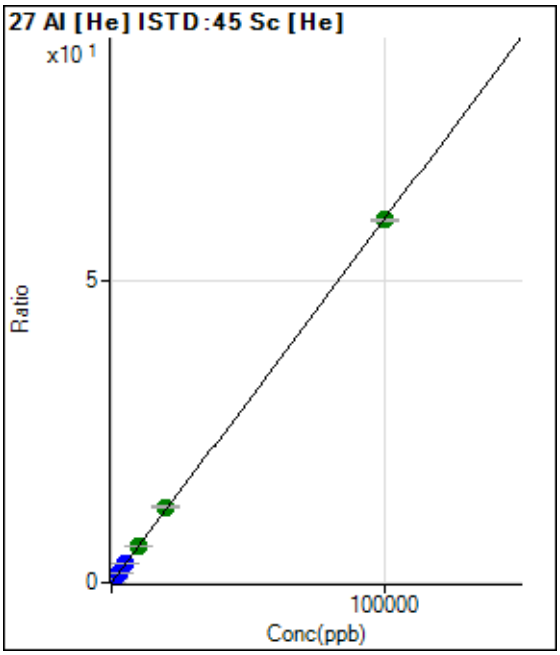
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 284.45 | 0.0011 | P | 17.9 |
| 2 | ☐ | 500.000 | 546.456 | 149049.17 | 0.5822 | P | 1.1 |
| 3 | ☐ | 5000.000 | 5012.194 | 1351282.38 | 5.3312 | A | 2.9 |
| 4 | ☐ | 12500.000 | 12750.930 | 3351927.52 | 13.5608 | A | 2.1 |
| 5 | ☐ | 25000.000 | 25147.284 | 6518337.40 | 26.7435 | A | 0.6 |
| 6 | ☐ | 50000.000 | 50173.551 | 13129847.86 | 53.3571 | A | 1.0 |
| 7 | ☐ | 100000.00 | 101113.21 | 26757126.27 | 107.5279 | A | 0.2 |
| 8 | ☐ | 500000.00 | 499746.19 | 143641984.5 | 531.4459 | A | 1.0 |

y = 0.0011 * x + 0.0011
R = 1.0000
DL = 0.5575

Weight: <None>
Min Conc: <None>

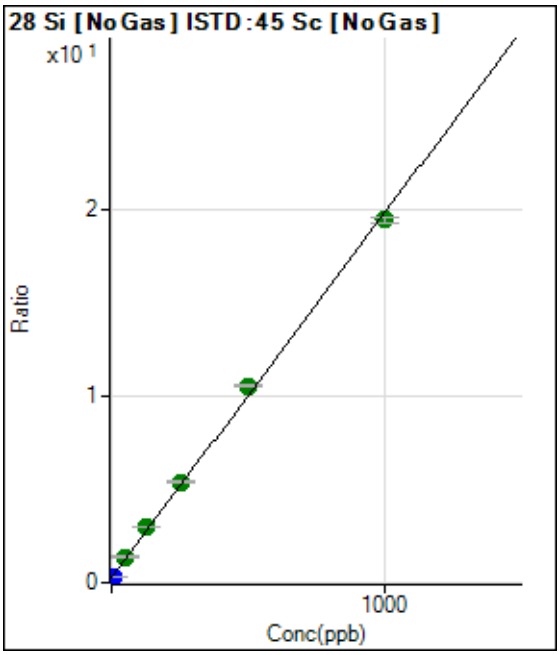



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 512.24 | 0.0020 | P | 8.8 |
| 2 | ☐ | 20.000 | 22.187 | 3927.21 | 0.0153 | P | 1.3 |
| 3 | ☐ | 1000.000 | 1025.507 | 156883.11 | 0.6189 | P | 0.4 |
| 4 | ☐ | 2500.000 | 2614.555 | 389263.33 | 1.5748 | P | 0.4 |
| 5 | ☐ | 5000.000 | 5149.838 | 755558.11 | 3.0999 | P | 0.4 |
| 6 | ☐ | 10000.000 | 10179.220 | 1507339.96 | 6.1254 | A | 0.4 |
| 7 | ☐ | 20000.000 | 20863.160 | 3123487.98 | 12.5524 | A | 1.0 |
| 8 | ☐ | 100000.00 | 99798.835 | 16226482.26 | 60.0368 | A | 0.8 |

y = 6.0156E-004 * x + 0.0020
R = 1.0000
DL = 0.8733

Weight: <None>
Min Conc: <None>

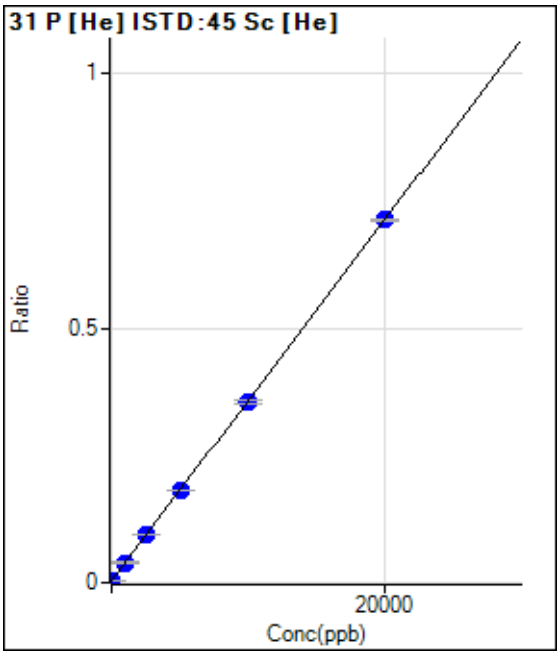
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 639491.34 | 0.2651 | P | 0.9 |
| 2 | ☐ | 10.000 | 0.568 | 656082.00 | 0.2762 | P | 0.5 |
| 3 | ☐ | 50.000 | 56.934 | 3280751.90 | 1.3779 | A | 2.8 |
| 4 | ☐ | 125.000 | 138.160 | 6851132.54 | 2.9654 | A | 1.6 |
| 5 | ☐ | 250.000 | 263.013 | 12303147.32 | 5.4057 | A | 0.5 |
| 6 | ☐ | 500.000 | 526.956 | 23821124.09 | 10.5645 | A | 0.7 |
| 7 | ☐ | 1000.000 | 981.371 | 44695690.45 | 19.4460 | A | 1.2 |
| 8 | ☐ | | | 715018.62 | 0.2937 | P | 2.6 |

y = 0.0195 * x + 0.2651
R = 0.9992
DL = 0.3741

Weight: <None>
Min Conc: <None>

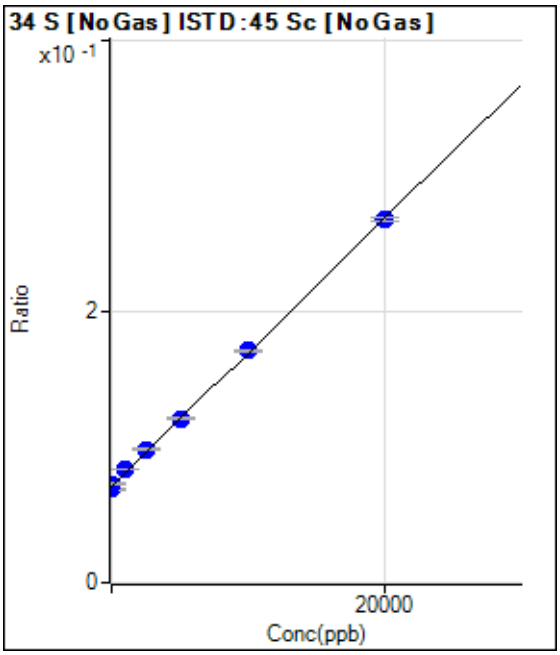



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -15.421 | 795.58 | 0.0031 | P | 8.8 |
| 2 | ☐ | 0.000 | 15.421 | 1071.16 | 0.0042 | P | 2.3 |
| 3 | ☐ | 1000.000 | 1005.943 | 9946.65 | 0.0392 | P | 2.6 |
| 4 | ☐ | 2500.000 | 2547.149 | 23179.89 | 0.0938 | P | 1.5 |
| 5 | ☐ | 5000.000 | 5033.547 | 44306.21 | 0.1818 | P | 0.8 |
| 6 | ☐ | 10000.000 | 9921.993 | 87302.73 | 0.3548 | P | 1.1 |
| 7 | ☐ | 20000.000 | 20024.426 | 177252.24 | 0.7123 | P | 0.4 |
| 8 | ☐ | | | 827.81 | 0.0031 | P | 5.1 |

y = 3.5390E-005 * x + 0.0036
R = 1.0000
DL = 15.67

Weight: <None>
Min Conc: <None>

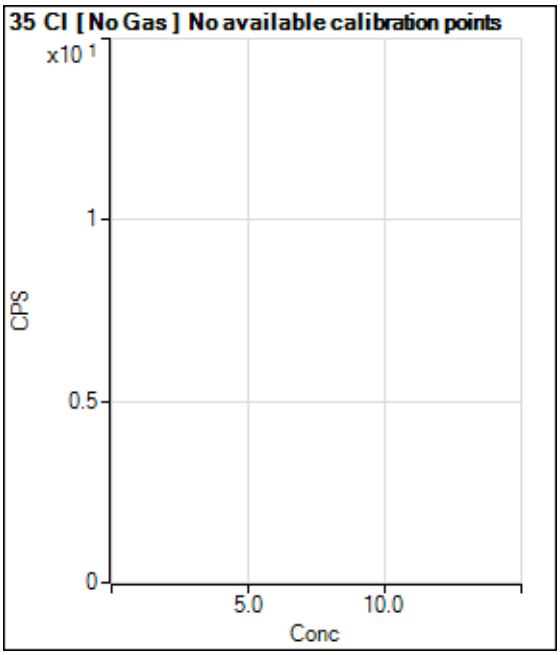
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -207.227 | 165845.77 | 0.0687 | P | 1.1 |
| 2 | ☐ | 0.000 | 207.227 | 173055.09 | 0.0728 | P | 0.8 |
| 3 | ☐ | 1000.000 | 1302.412 | 199279.55 | 0.0837 | P | 1.5 |
| 4 | ☐ | 2500.000 | 2767.881 | 226840.95 | 0.0982 | P | 0.8 |
| 5 | ☐ | 5000.000 | 5061.461 | 275064.31 | 0.1209 | P | 1.2 |
| 6 | ☐ | 10000.000 | 10129.934 | 385562.66 | 0.1710 | P | 0.9 |
| 7 | ☐ | 20000.000 | 19871.062 | 614473.64 | 0.2673 | P | 1.1 |
| 8 | ☐ | | | 174688.45 | 0.0718 | P | 1.8 |

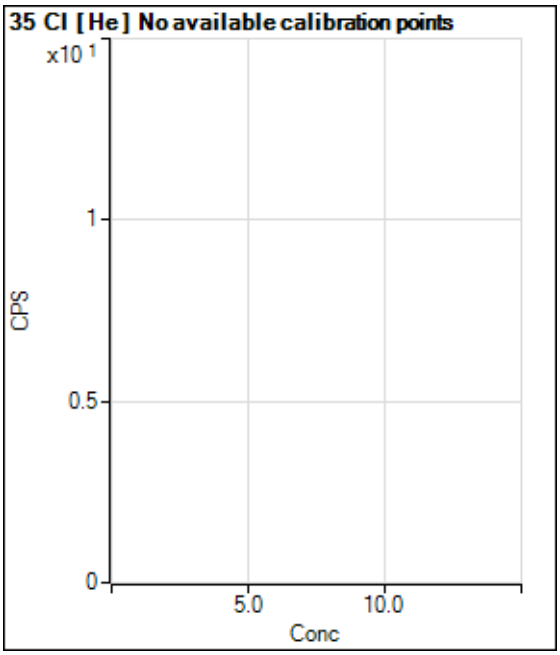
y = 9.8912E-006 * x + 0.0708
R = 0.9997
DL = 204.5

Weight: <None>
Min Conc: <None>

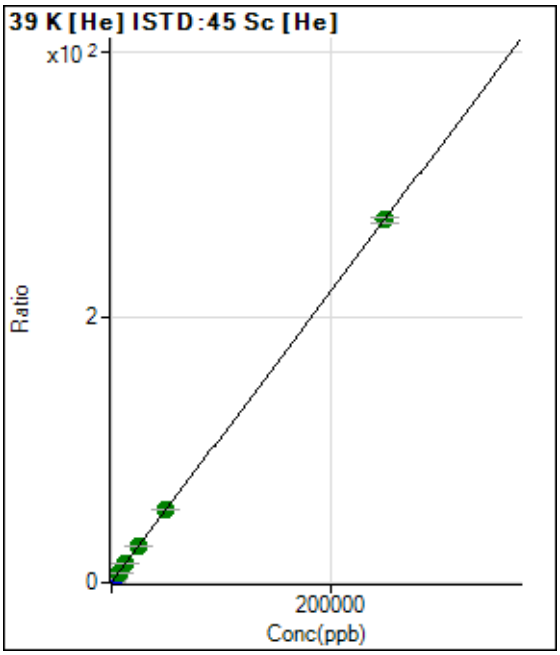



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | | | | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | | | | |
| 4 | ☐ | | | | | | |
| 5 | ☐ | | | | | | |
| 6 | ☐ | | | | | | |
| 7 | ☐ | | | | | | |
| 8 | ☐ | | | | | | |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




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

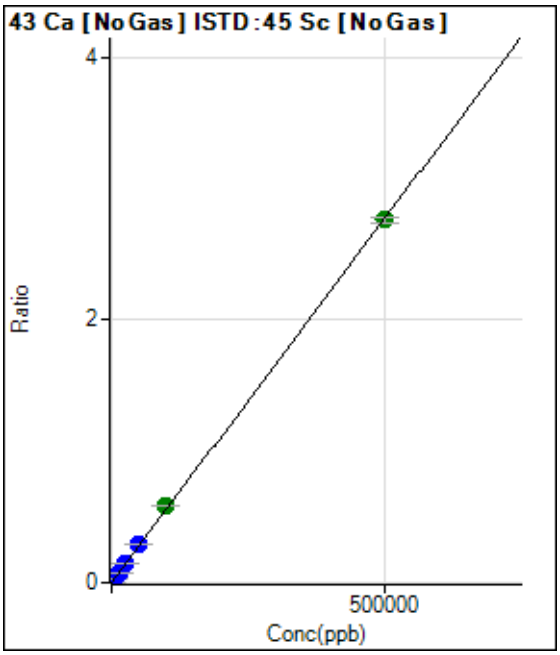



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 56272.40 | 0.2187 | P | 1.3 |
| 2 | ☐ | 500.000 | 580.091 | 218475.81 | 0.8535 | P | 1.7 |
| 3 | ☐ | 2500.000 | 2654.625 | 791810.21 | 3.1237 | P | 1.0 |
| 4 | ☐ | 6250.000 | 6515.008 | 1816272.72 | 7.3483 | A | 0.9 |
| 5 | ☐ | 12500.000 | 12747.497 | 3453418.84 | 14.1688 | A | 0.7 |
| 6 | ☐ | 25000.000 | 25080.262 | 6807967.61 | 27.6651 | A | 0.2 |
| 7 | ☐ | 50000.000 | 49880.623 | 13637643.13 | 54.8053 | A | 0.5 |
| 8 | ☐ | 250000.00 | 249995.14 | 74002997.78 | 273.7996 | A | 1.8 |

y = 0.0011 * x + 0.2187
R = 1.0000
DL = 7.9

Weight: <None>
Min Conc: <None>

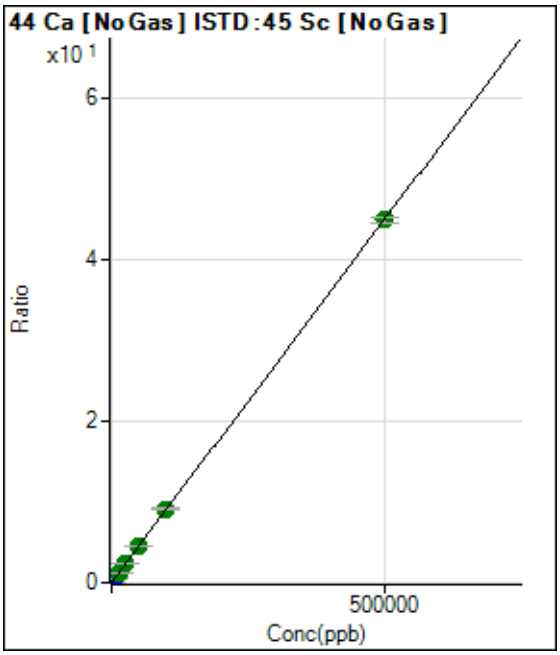
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 188.89 | 0.0001 | P | 5.2 |
| 2 | ☐ | 500.000 | 591.855 | 7968.84 | 0.0034 | P | 1.0 |
| 3 | ☐ | 5000.000 | 5267.564 | 69624.51 | 0.0292 | P | 1.5 |
| 4 | ☐ | 12500.000 | 13766.550 | 176241.82 | 0.0763 | P | 1.4 |
| 5 | ☐ | 25000.000 | 26834.410 | 338254.91 | 0.1486 | P | 0.4 |
| 6 | ☐ | 50000.000 | 53598.713 | 669174.83 | 0.2968 | P | 0.7 |
| 7 | ☐ | 100000.00 | 105078.15 | 1337101.91 | 0.5817 | A | 1.3 |
| 8 | ☐ | 500000.00 | 498498.34 | 6717213.02 | 2.7595 | A | 1.9 |

y = 5.5355E-006 * x + 7.8318E-005
R = 0.9999
DL = 2.226

Weight: <None>
Min Conc: <None>

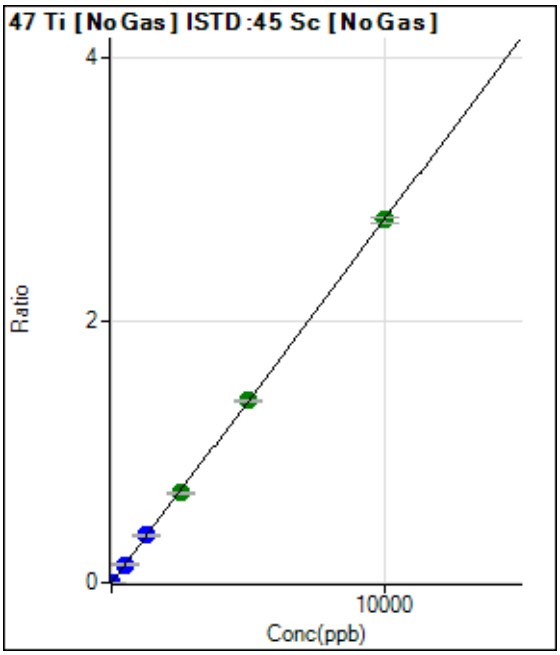



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 16195.82 | 0.0067 | P | 0.7 |
| 2 | ☐ | 500.000 | 587.743 | 141499.73 | 0.0596 | P | 0.5 |
| 3 | ☐ | 5000.000 | 5303.921 | 1151733.32 | 0.4837 | P | 1.9 |
| 4 | ☐ | 12500.000 | 13026.519 | 2721888.92 | 1.1781 | A | 1.3 |
| 5 | ☐ | 25000.000 | 25402.239 | 5213831.28 | 2.2909 | A | 1.2 |
| 6 | ☐ | 50000.000 | 50476.118 | 10249978.39 | 4.5456 | A | 0.3 |
| 7 | ☐ | 100000.00 | 101850.80 | 21065757.32 | 9.1653 | A | 0.8 |
| 8 | ☐ | 500000.00 | 499545.82 | 109362276.1 | 44.9268 | A | 1.5 |

y = 8.9922E-005 * x + 0.0067
R = 1.0000
DL = 1.456

Weight: <None>
Min Conc: <None>

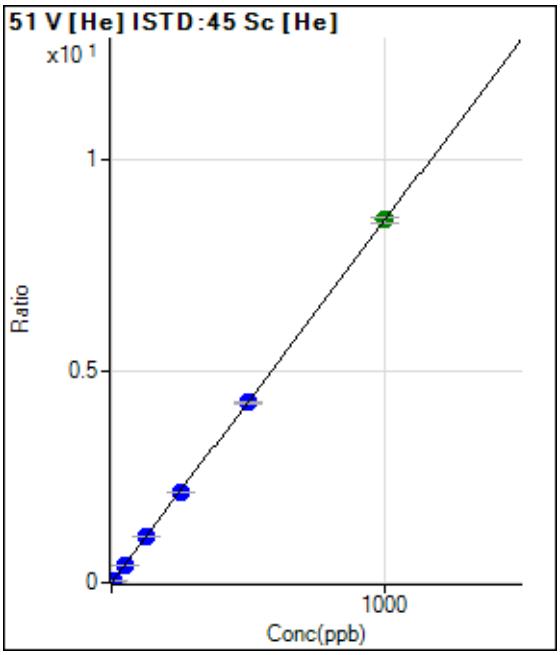
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 61.11 | 0.0000 | P | 17.0 |
| 2 | ☐ | 5.000 | 5.519 | 3690.49 | 0.0016 | P | 4.8 |
| 3 | ☐ | 500.000 | 498.365 | 328679.80 | 0.1380 | P | 2.4 |
| 4 | ☐ | 1250.000 | 1298.383 | 830714.86 | 0.3596 | P | 2.0 |
| 5 | ☐ | 2500.000 | 2476.256 | 1560524.73 | 0.6858 | A | 2.9 |
| 6 | ☐ | 5000.000 | 5018.069 | 3133697.07 | 1.3897 | A | 1.3 |
| 7 | ☐ | 10000.000 | 9990.935 | 6359174.35 | 2.7668 | A | 1.8 |
| 8 | ☐ | | | 1116.72 | 0.0005 | P | 5.6 |

y = 2.7693E-004 * x + 2.5317E-005
R = 1.0000
DL = 0.04653

Weight: <None>
Min Conc: <None>

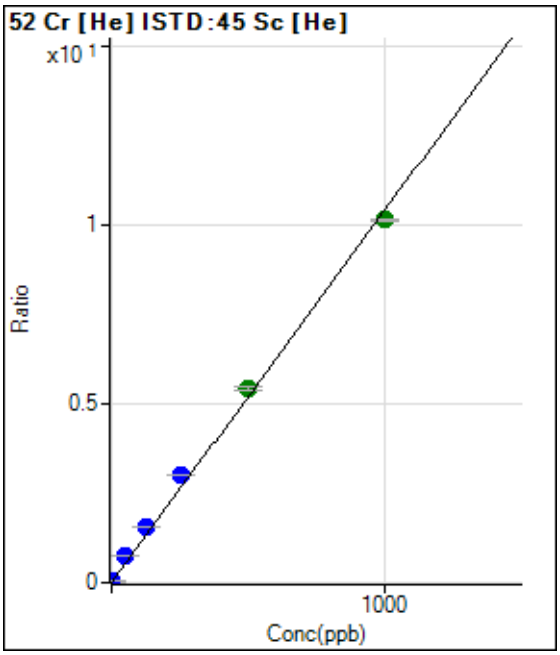



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 21.11 | 0.0001 | P | 22.9 |
| 2 | ☐ | 5.000 | 5.586 | 12277.31 | 0.0480 | P | 1.3 |
| 3 | ☐ | 50.000 | 49.613 | 107792.14 | 0.4253 | P | 1.4 |
| 4 | ☐ | 125.000 | 126.156 | 267253.24 | 1.0812 | P | 0.4 |
| 5 | ☐ | 250.000 | 247.827 | 517659.65 | 2.1239 | P | 0.4 |
| 6 | ☐ | 500.000 | 497.358 | 1048868.02 | 4.2623 | P | 0.5 |
| 7 | ☐ | 1000.000 | 1001.736 | 2136207.85 | 8.5847 | A | 1.8 |
| 8 | ☐ | | | 4048.37 | 0.0150 | P | 3.1 |

y = 0.0086 * x + 8.1890E-005
R = 1.0000
DL = 0.006567

Weight: <None>
Min Conc: <None>

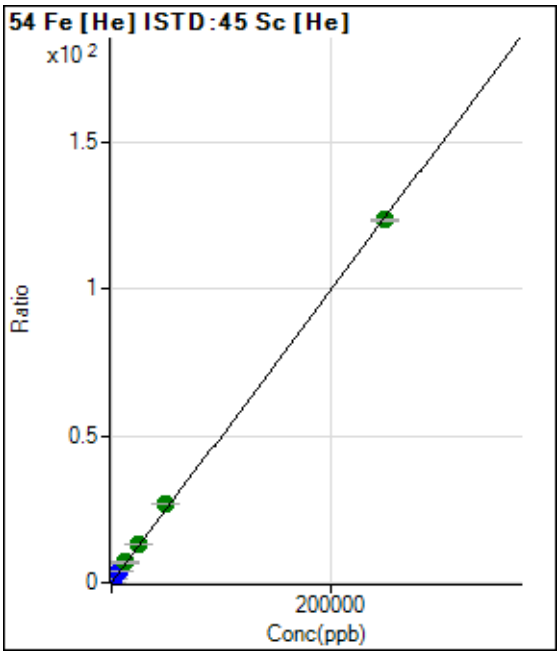
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1655.66 | 0.0064 | P | 4.6 |
| 2 | ☐ | 2.000 | 2.101 | 7245.14 | 0.0283 | P | 2.6 |
| 3 | ☐ | 50.000 | 73.738 | 196155.04 | 0.7738 | P | 1.2 |
| 4 | ☐ | 125.000 | 148.151 | 382704.33 | 1.5483 | P | 0.4 |
| 5 | ☐ | 250.000 | 289.131 | 734973.18 | 3.0155 | P | 0.3 |
| 6 | ☐ | 500.000 | 522.055 | 1338551.07 | 5.4396 | A | 1.2 |
| 7 | ☐ | 1000.000 | 975.109 | 2526864.34 | 10.1546 | A | 0.3 |
| 8 | ☐ | | | 43140.48 | 0.1596 | P | 1.3 |

y = 0.0104 * x + 0.0064
R = 0.9986
DL = 0.08529

Weight: <None>
Min Conc: <None>

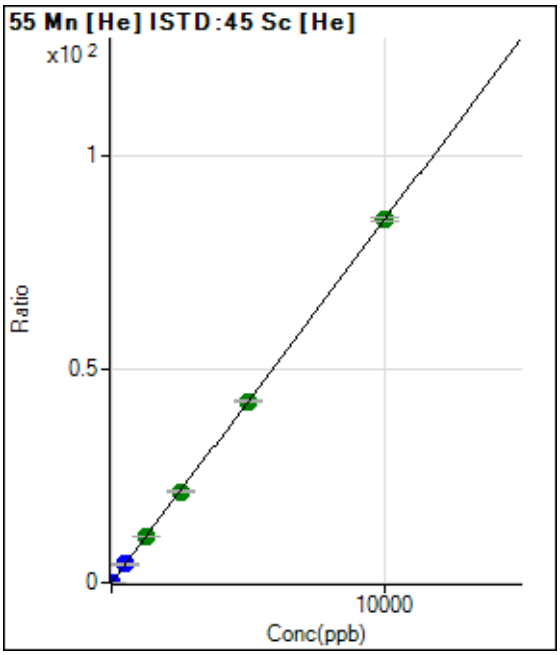



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2265.75 | 0.0088 | P | 4.5 |
| 2 | ☐ | 50.000 | 60.597 | 9952.26 | 0.0389 | P | 1.9 |
| 3 | ☐ | 2500.000 | 2947.757 | 373070.77 | 1.4717 | P | 0.7 |
| 4 | ☐ | 6250.000 | 7275.765 | 894744.75 | 3.6197 | P | 1.0 |
| 5 | ☐ | 12500.000 | 13878.294 | 1680736.52 | 6.8965 | A | 2.1 |
| 6 | ☐ | 25000.000 | 26816.117 | 3277108.29 | 13.3174 | A | 0.8 |
| 7 | ☐ | 50000.000 | 53952.762 | 6665220.94 | 26.7850 | A | 0.2 |
| 8 | ☐ | 250000.00 | 248928.79 | 33392843.67 | 123.5498 | A | 0.3 |

y = 4.9629E-004 * x + 0.0088
R = 0.9999
DL = 2.38

Weight: <None>
Min Conc: <None>

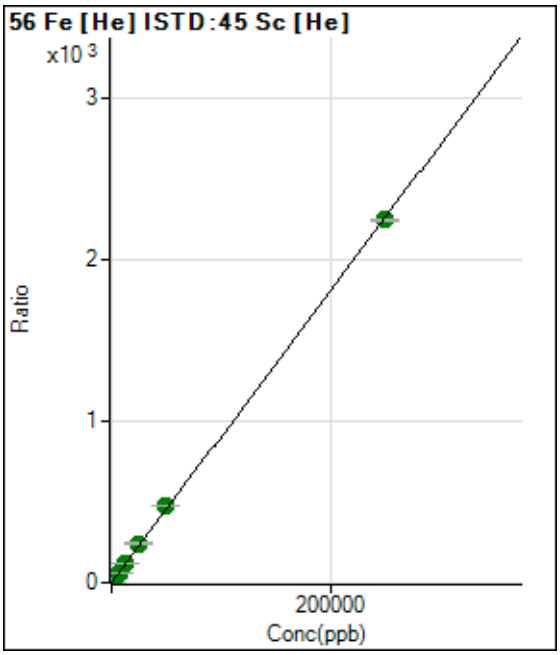
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 725.58 | 0.0028 | P | 7.2 |
| 2 | ☐ | 1.000 | 0.985 | 2870.30 | 0.0112 | P | 3.9 |
| 3 | ☐ | 500.000 | 503.461 | 1087767.84 | 4.2912 | P | 0.8 |
| 4 | ☐ | 1250.000 | 1279.879 | 2695427.91 | 10.9046 | A | 0.4 |
| 5 | ☐ | 2500.000 | 2509.037 | 5209073.15 | 21.3744 | A | 1.9 |
| 6 | ☐ | 5000.000 | 4990.385 | 10461409.70 | 42.5101 | A | 1.1 |
| 7 | ☐ | 10000.000 | 9998.641 | 21193140.52 | 85.1697 | A | 1.2 |
| 8 | ☐ | | | 20240.32 | 0.0749 | P | 1.3 |

y = 0.0085 * x + 0.0028
R = 1.0000
DL = 0.07162

Weight: <None>
Min Conc: <None>

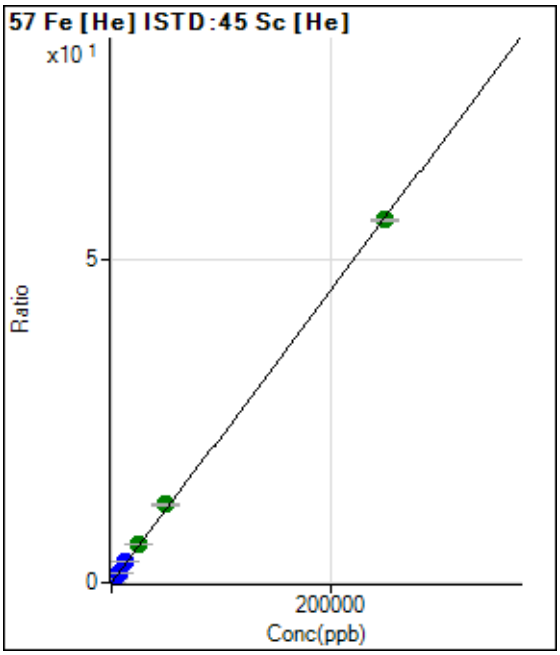



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 21829.25 | 0.0848 | P | 1.2 |
| 2 | ☐ | 50.000 | 59.347 | 158441.01 | 0.6189 | P | 1.1 |
| 3 | ☐ | 2500.000 | 2779.240 | 6361514.21 | 25.0967 | A | 1.7 |
| 4 | ☐ | 6250.000 | 6892.581 | 15353734.77 | 62.1149 | A | 1.5 |
| 5 | ☐ | 12500.000 | 13694.595 | 30060915.94 | 123.3299 | A | 0.6 |
| 6 | ☐ | 25000.000 | 27049.767 | 59925076.88 | 243.5203 | A | 0.6 |
| 7 | ☐ | 50000.000 | 53051.802 | 118825932.6 | 477.5267 | A | 0.9 |
| 8 | ☐ | 250000.00 | 249106.07 | 605943133.1 | 2,241.925 | A | 0.6 |

y = 0.0090 * x + 0.0848
R = 0.9999
DL = 0.3366

Weight: <None>
Min Conc: <None>

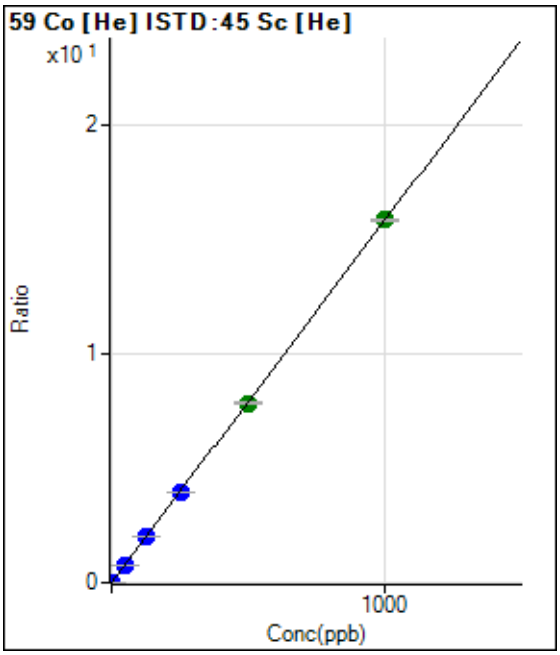
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1487.74 | 0.0058 | P | 2.2 |
| 2 | ☐ | 50.000 | 63.089 | 5119.45 | 0.0200 | P | 3.3 |
| 3 | ☐ | 2500.000 | 2896.515 | 166895.65 | 0.6584 | P | 0.8 |
| 4 | ☐ | 6250.000 | 7154.409 | 399864.31 | 1.6177 | P | 1.3 |
| 5 | ☐ | 12500.000 | 14053.921 | 773172.38 | 3.1723 | P | 0.5 |
| 6 | ☐ | 25000.000 | 26684.468 | 1480924.66 | 6.0180 | A | 0.4 |
| 7 | ☐ | 50000.000 | 53467.920 | 2999186.86 | 12.0526 | A | 0.4 |
| 8 | ☐ | 250000.00 | 249033.69 | 15166896.29 | 56.1152 | A | 0.6 |

y = 2.2531E-004 * x + 0.0058
R = 0.9999
DL = 1.704

Weight: <None>
Min Conc: <None>

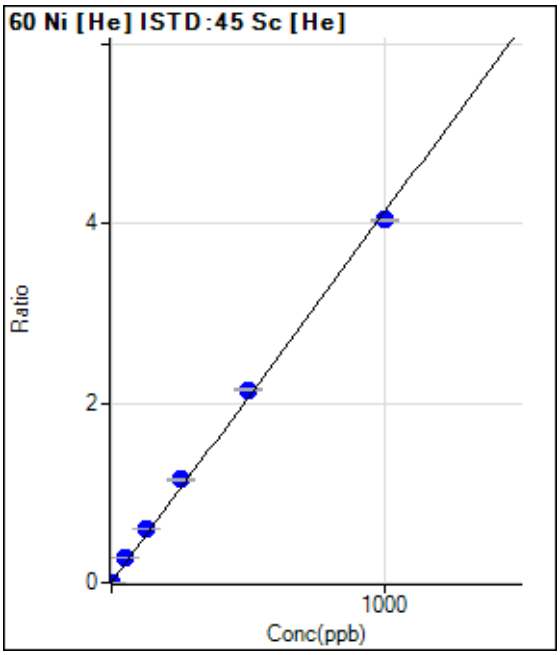



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 128.89 | 0.0005 | P | 25.4 |
| 2 | ☐ | 1.000 | 1.154 | 4798.60 | 0.0187 | P | 3.8 |
| 3 | ☐ | 50.000 | 49.623 | 198874.24 | 0.7845 | P | 0.3 |
| 4 | ☐ | 125.000 | 126.958 | 495948.96 | 2.0064 | P | 0.6 |
| 5 | ☐ | 250.000 | 248.690 | 957776.50 | 3.9298 | P | 1.0 |
| 6 | ☐ | 500.000 | 495.413 | 1926277.30 | 7.8281 | A | 1.4 |
| 7 | ☐ | 1000.000 | 1002.395 | 3941222.89 | 15.8384 | A | 0.2 |
| 8 | ☐ | | | 14038.87 | 0.0519 | P | 2.2 |

y = 0.0158 * x + 5.0164E-004
R = 1.0000
DL = 0.02423

Weight: <None>
Min Conc: <None>

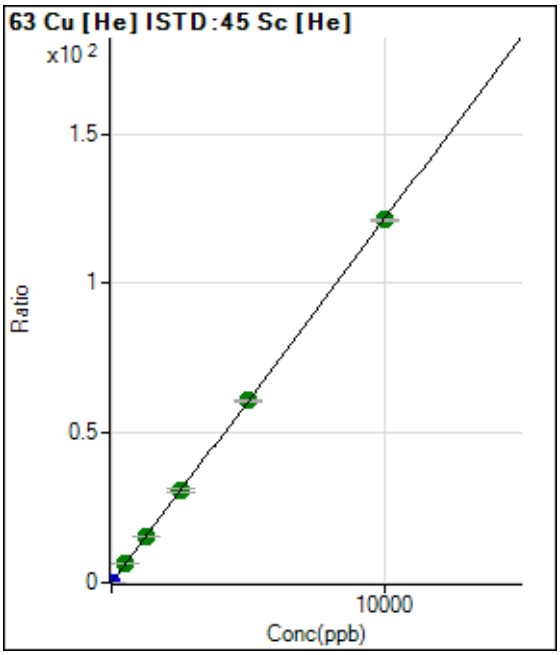
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 578.91 | 0.0022 | P | 9.0 |
| 2 | ☐ | 1.000 | 1.113 | 1751.23 | 0.0068 | P | 1.5 |
| 3 | ☐ | 50.000 | 68.062 | 71719.45 | 0.2829 | P | 0.7 |
| 4 | ☐ | 125.000 | 143.710 | 147041.63 | 0.5949 | P | 0.2 |
| 5 | ☐ | 250.000 | 278.700 | 280650.69 | 1.1516 | P | 1.5 |
| 6 | ☐ | 500.000 | 520.286 | 528535.83 | 2.1478 | P | 0.7 |
| 7 | ☐ | 1000.000 | 979.440 | 1005619.18 | 4.0413 | P | 0.6 |
| 8 | ☐ | | | 12791.13 | 0.0473 | P | 1.1 |

y = 0.0041 * x + 0.0022
R = 0.9991
DL = 0.1467

Weight: <None>
Min Conc: <None>

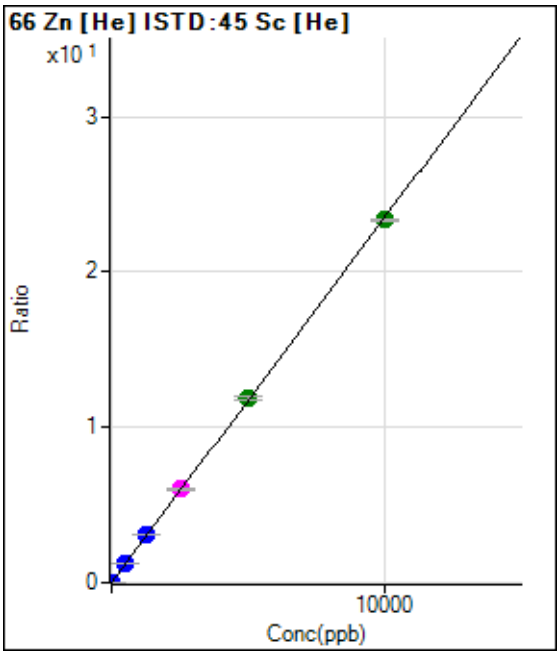



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 856.70 | 0.0033 | P | 2.7 |
| 2 | ☐ | 2.000 | 2.115 | 7431.92 | 0.0290 | P | 3.2 |
| 3 | ☐ | 500.000 | 507.910 | 1565088.92 | 6.1742 | A | 1.4 |
| 4 | ☐ | 1250.000 | 1280.291 | 3845697.41 | 15.5583 | A | 0.9 |
| 5 | ☐ | 2500.000 | 2540.682 | 7524310.23 | 30.8716 | A | 2.3 |
| 6 | ☐ | 5000.000 | 5016.947 | 15000350.47 | 60.9572 | A | 1.2 |
| 7 | ☐ | 10000.000 | 9977.174 | 30165144.00 | 121.2219 | A | 0.8 |
| 8 | ☐ | | | 9896.68 | 0.0366 | P | 1.1 |

y = 0.0121 * x + 0.0033
R = 1.0000
DL = 0.02248

Weight: <None>
Min Conc: <None>

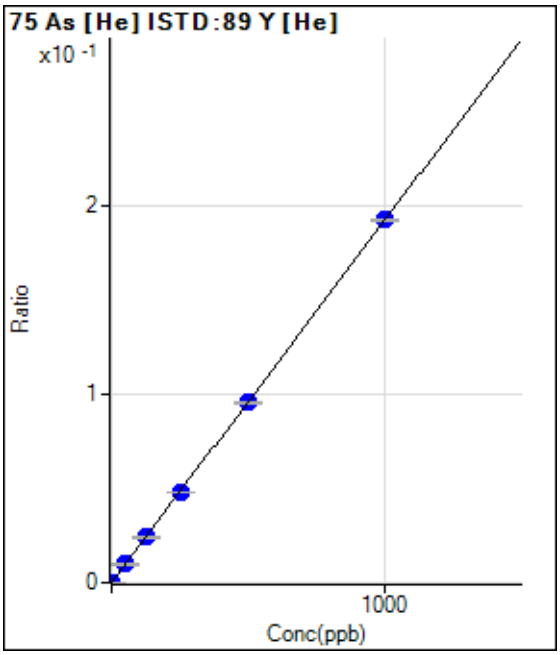
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1317.85 | 0.0051 | P | 3.2 |
| 2 | ☐ | 5.000 | 5.331 | 4514.06 | 0.0176 | P | 3.1 |
| 3 | ☐ | 500.000 | 514.319 | 307408.57 | 1.2127 | P | 0.9 |
| 4 | ☐ | 1250.000 | 1309.559 | 761282.00 | 3.0799 | P | 0.3 |
| 5 | ☐ | 2500.000 | 2559.512 | 1465989.49 | 6.0148 | M | 0.5 |
| 6 | ☐ | 5000.000 | 5063.602 | 2926893.54 | 11.8943 | A | 1.3 |
| 7 | ☐ | 10000.000 | 9945.160 | 5811843.66 | 23.3561 | A | 0.8 |
| 8 | ☐ | | | 10388.15 | 0.0384 | P | 0.3 |

y = 0.0023 * x + 0.0051
R = 0.9999
DL = 0.2116

Weight: <None>
Min Conc: <None>

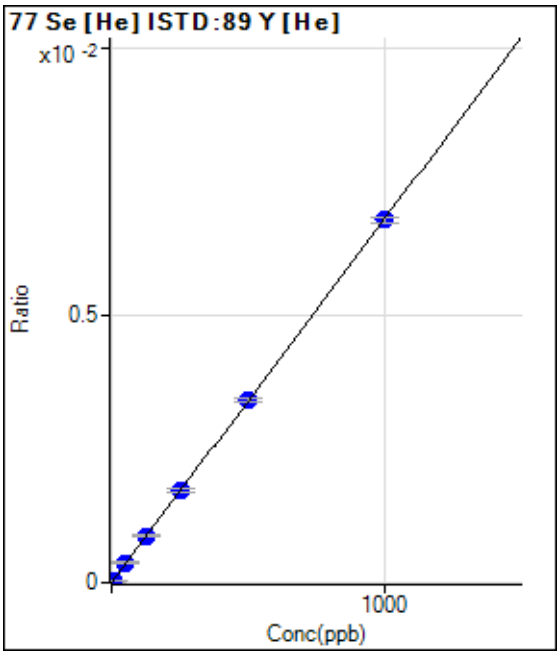



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 13.64 | 0.0000 | P | 37.2 |
| 2 | ☐ | 1.000 | 1.091 | 442.28 | 0.0002 | P | 5.3 |
| 3 | ☐ | 50.000 | 50.930 | 19595.98 | 0.0098 | P | 2.6 |
| 4 | ☐ | 125.000 | 125.736 | 48266.04 | 0.0242 | P | 2.1 |
| 5 | ☐ | 250.000 | 247.053 | 93258.86 | 0.0476 | P | 0.0 |
| 6 | ☐ | 500.000 | 497.388 | 187977.08 | 0.0958 | P | 0.9 |
| 7 | ☐ | 1000.000 | 1001.904 | 379871.69 | 0.1930 | P | 0.8 |
| 8 | ☐ | | | 588.38 | 0.0003 | P | 8.2 |

y = 1.9263E-004 * x + 6.6111E-006
R = 1.0000
DL = 0.03834

Weight: <None>
Min Conc: <None>

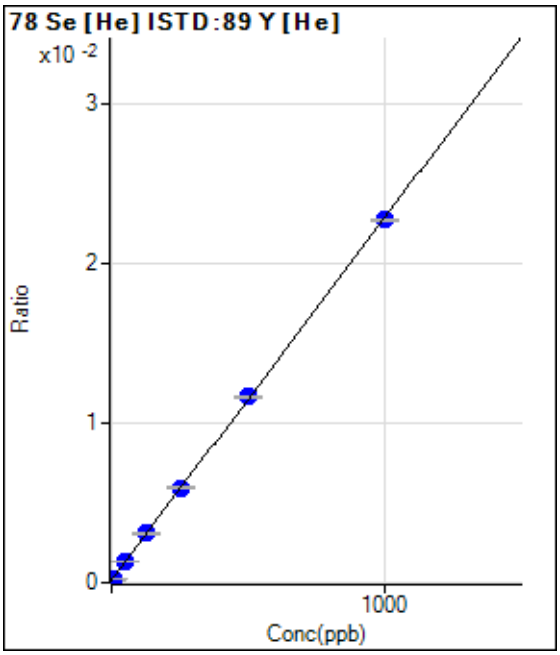
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2.22 | 0.0000 | P | 173. |
| 2 | ☐ | 5.000 | 6.828 | 96.67 | 0.0000 | P | 6.5 |
| 3 | ☐ | 50.000 | 53.259 | 724.47 | 0.0004 | P | 10.6 |
| 4 | ☐ | 125.000 | 127.641 | 1729.00 | 0.0009 | P | 5.0 |
| 5 | ☐ | 250.000 | 253.815 | 3380.41 | 0.0017 | P | 3.5 |
| 6 | ☐ | 500.000 | 501.335 | 6682.68 | 0.0034 | P | 2.3 |
| 7 | ☐ | 1000.000 | 997.876 | 13343.90 | 0.0068 | P | 1.5 |
| 8 | ☐ | | | 28.89 | 0.0000 | P | 12.0 |

y = 6.7928E-006 * x + 1.0714E-006
R = 1.0000
DL = 0.8196

Weight: <None>
Min Conc: <None>

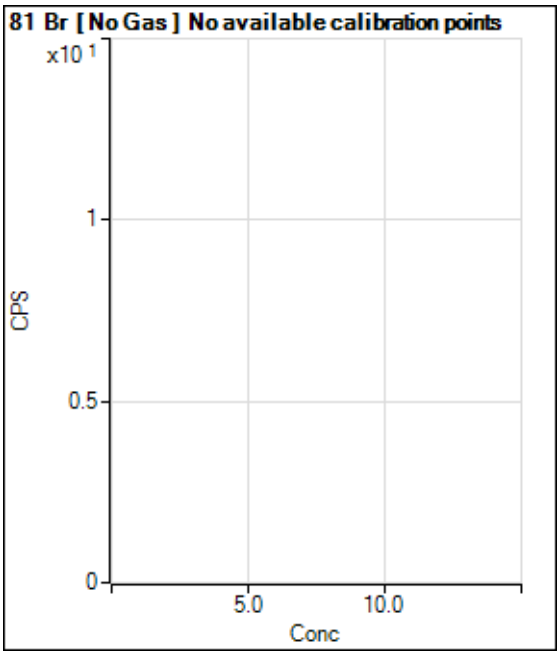



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 343.34 | 0.0002 | P | 4.6 |
| 2 | ☐ | 5.000 | 4.772 | 560.01 | 0.0003 | P | 4.4 |
| 3 | ☐ | 50.000 | 51.806 | 2680.27 | 0.0013 | P | 5.1 |
| 4 | ☐ | 125.000 | 130.216 | 6222.49 | 0.0031 | P | 4.2 |
| 5 | ☐ | 250.000 | 255.261 | 11683.58 | 0.0060 | P | 3.8 |
| 6 | ☐ | 500.000 | 506.472 | 22888.91 | 0.0117 | P | 0.9 |
| 7 | ☐ | 1000.000 | 994.708 | 44780.78 | 0.0228 | P | 0.7 |
| 8 | ☐ | | | 354.45 | 0.0002 | P | 13.8 |

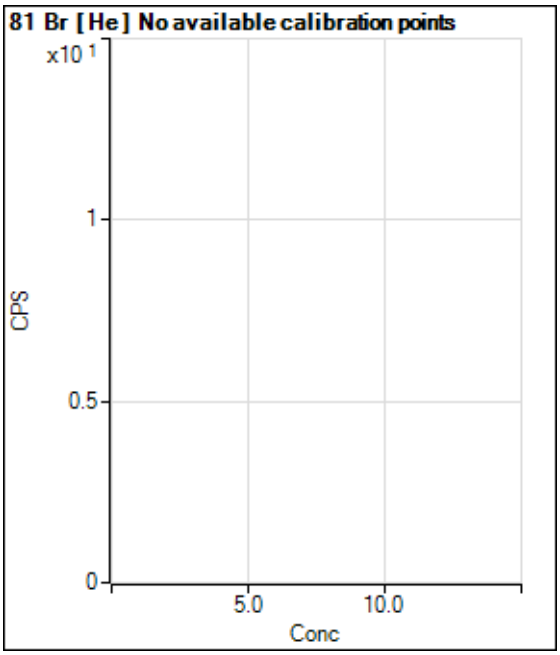
y = 2.2706E-005 * x + 1.6648E-004
R = 0.9999
DL = 1.01

Weight: <None>
Min Conc: <None>

Reviewed By:jaswal
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Inst Id :P7
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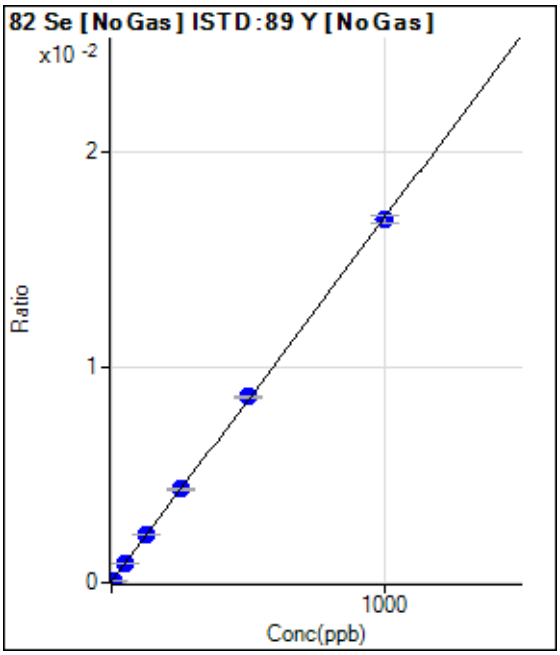



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 7891.08 | | P | 0.7 |
| 2 | ☐ | | | 7825.48 | | P | 1.6 |
| 3 | ☐ | | | 7471.96 | | P | 2.5 |
| 4 | ☐ | | | 7479.74 | | P | 3.9 |
| 5 | ☐ | | | 7180.71 | | P | 0.6 |
| 6 | ☐ | | | 6991.72 | | P | 1.2 |
| 7 | ☐ | | | 7043.96 | | P | 0.1 |
| 8 | ☐ | | | 7666.50 | | P | 6.3 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 137.78 | | P | 9.8 |
| 2 | ☐ | | | 110.00 | | P | 18.4 |
| 3 | ☐ | | | 117.78 | | P | 7.1 |
| 4 | ☐ | | | 116.67 | | P | 9.9 |
| 5 | ☐ | | | 96.67 | | P | 15.8 |
| 6 | ☐ | | | 138.89 | | P | 5.0 |
| 7 | ☐ | | | 108.89 | | P | 12.7 |
| 8 | ☐ | | | 134.44 | | P | 17.6 |

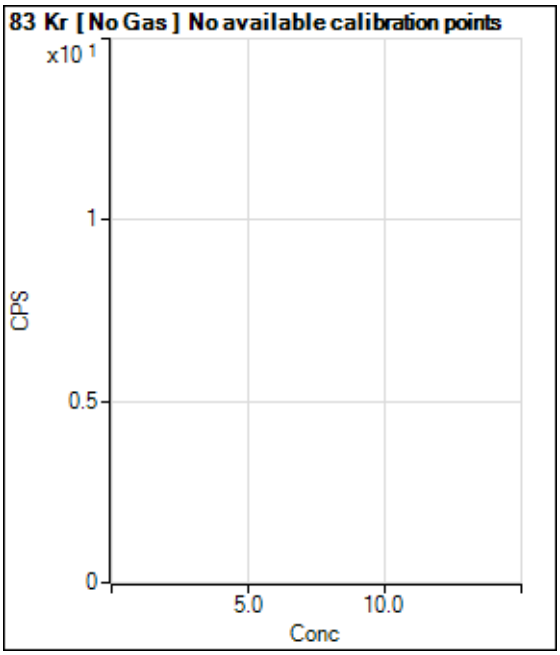
Reviewed By:jaswal
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Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 284.82 | 0.0000 | P | 12.0 |
| 2 | ☐ | 5.000 | 4.986 | 858.28 | 0.0001 | P | 9.8 |
| 3 | ☐ | 50.000 | 49.825 | 5882.24 | 0.0009 | P | 1.5 |
| 4 | ☐ | 125.000 | 129.543 | 14841.32 | 0.0022 | P | 1.3 |
| 5 | ☐ | 250.000 | 254.485 | 28164.99 | 0.0043 | P | 1.0 |
| 6 | ☐ | 500.000 | 507.882 | 55702.81 | 0.0086 | P | 0.4 |
| 7 | ☐ | 1000.000 | 994.379 | 110379.13 | 0.0168 | P | 2.0 |
| 8 | ☐ | | | 348.45 | 0.0001 | P | 6.8 |

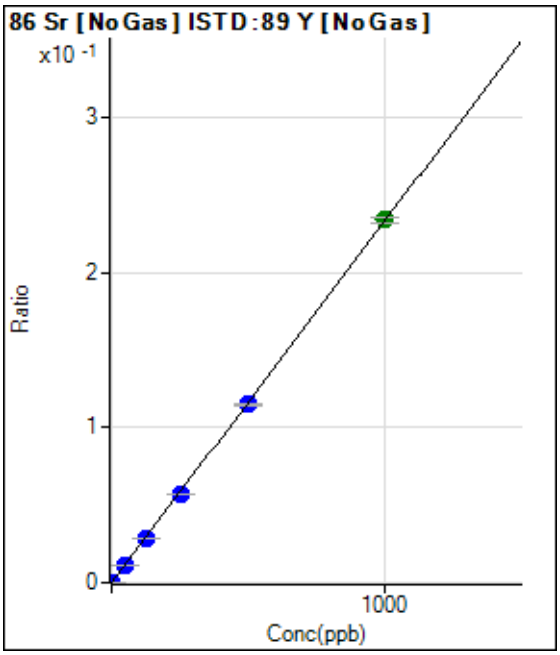
y = 1.6866E-005 * x + 4.2131E-005
R = 0.9999
DL = 0.9016

Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 318.90 | | P | 1.6 |
| 2 | ☐ | | | 372.23 | | P | 10.5 |
| 3 | ☐ | | | 402.23 | | P | 4.9 |
| 4 | ☐ | | | 375.56 | | P | 16.8 |
| 5 | ☐ | | | 378.90 | | P | 1.3 |
| 6 | ☐ | | | 357.79 | | P | 5.6 |
| 7 | ☐ | | | 331.12 | | P | 18.7 |
| 8 | ☐ | | | 376.68 | | P | 2.3 |

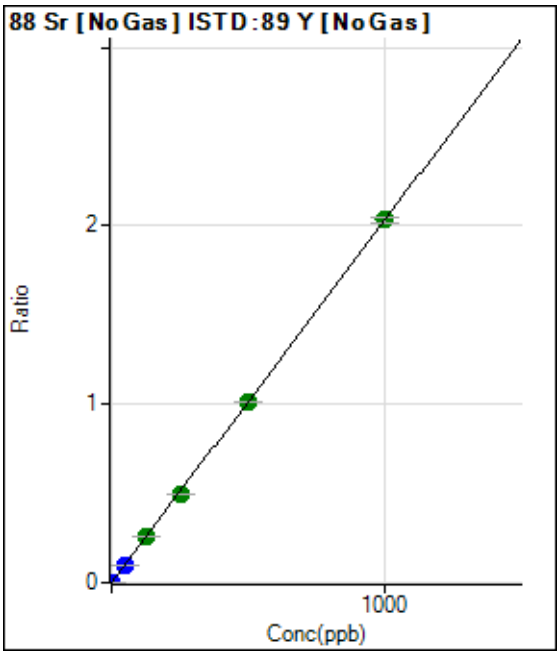
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 547.79 | 0.0001 | P | 5.7 |
| 2 | ☐ | 1.000 | 1.044 | 2203.52 | 0.0003 | P | 3.4 |
| 3 | ☐ | 50.000 | 48.599 | 75927.04 | 0.0114 | P | 0.8 |
| 4 | ☐ | 125.000 | 124.035 | 192901.37 | 0.0289 | P | 0.2 |
| 5 | ☐ | 250.000 | 244.810 | 370705.52 | 0.0571 | P | 1.1 |
| 6 | ☐ | 500.000 | 493.866 | 744223.61 | 0.1150 | P | 0.7 |
| 7 | ☐ | 1000.000 | 1004.555 | 1535345.60 | 0.2339 | A | 1.8 |
| 8 | ☐ | | | 20929.44 | 0.0031 | P | 2.2 |

y = 2.3272E-004 * x + 8.1079E-005
R = 1.0000
DL = 0.0593

Weight: <None>
Min Conc: <None>

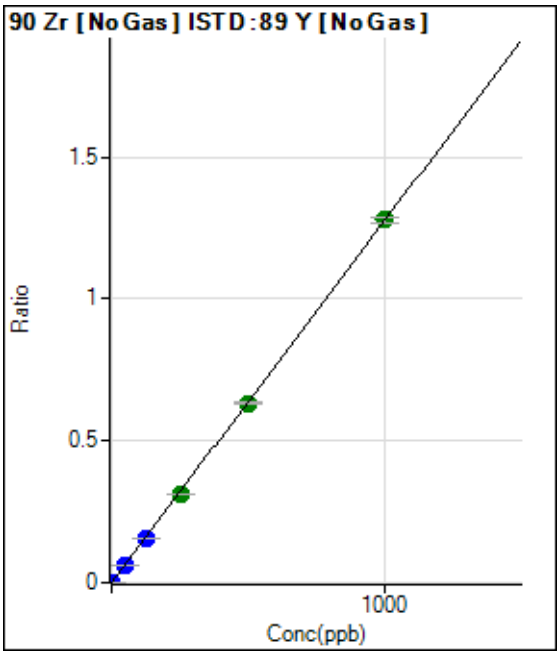



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 90.00 | 0.0000 | P | 13.6 |
| 2 | ☐ | 1.000 | 1.042 | 14478.33 | 0.0021 | P | 1.1 |
| 3 | ☐ | 50.000 | 49.309 | 667287.23 | 0.1001 | P | 1.3 |
| 4 | ☐ | 125.000 | 126.268 | 1708300.22 | 0.2563 | A | 1.5 |
| 5 | ☐ | 250.000 | 245.395 | 3237155.58 | 0.4982 | A | 1.1 |
| 6 | ☐ | 500.000 | 498.596 | 6549653.24 | 1.0122 | A | 0.5 |
| 7 | ☐ | 1000.000 | 1001.729 | 13350858.55 | 2.0336 | A | 1.9 |
| 8 | ☐ | | | 178049.13 | 0.0260 | P | 1.2 |

y = 0.0020 * x + 1.3326E-005
R = 1.0000
DL = 0.002678

Weight: <None>
Min Conc: <None>

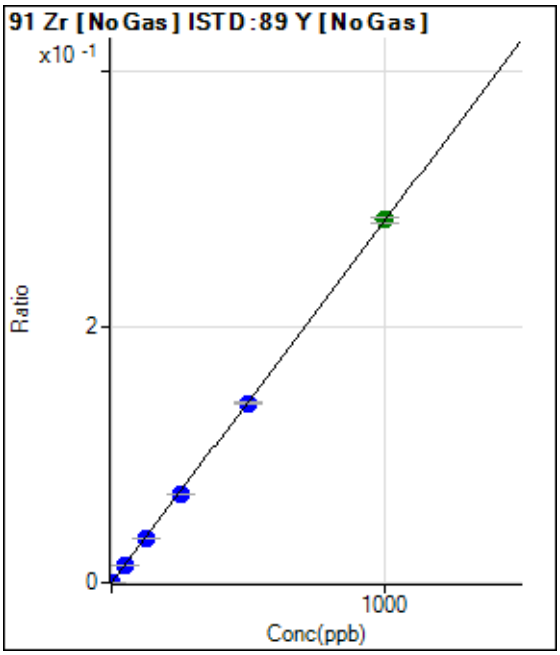
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Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 262.22 | 0.0000 | P | 16.2 |
| 2 | ☐ | 1.000 | 1.011 | 9020.63 | 0.0013 | P | 2.1 |
| 3 | ☐ | 50.000 | 48.475 | 411857.33 | 0.0618 | P | 1.1 |
| 4 | ☐ | 125.000 | 123.759 | 1050884.66 | 0.1577 | P | 0.8 |
| 5 | ☐ | 250.000 | 245.147 | 2029447.47 | 0.3123 | A | 0.6 |
| 6 | ☐ | 500.000 | 496.659 | 4094269.31 | 0.6327 | A | 1.2 |
| 7 | ☐ | 1000.000 | 1003.115 | 8389710.15 | 1.2779 | A | 1.8 |
| 8 | ☐ | | | 7926.65 | 0.0012 | P | 3.7 |

y = 0.0013 * x + 3.8836E-005
R = 1.0000
DL = 0.01482

Weight: <None>
Min Conc: <None>

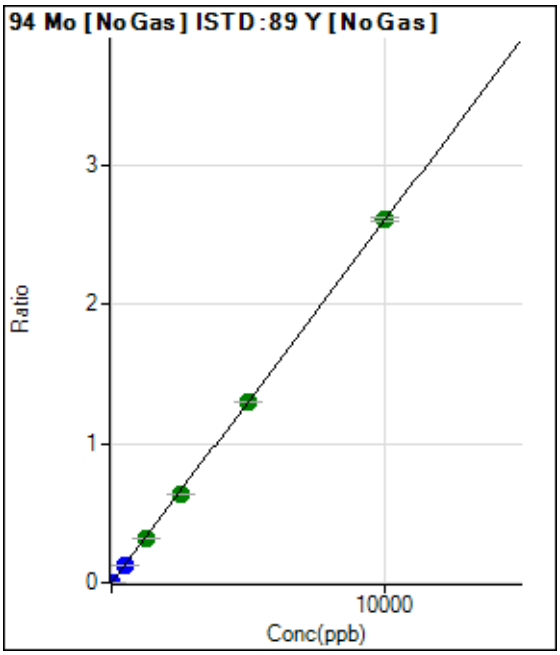



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 63.33 | 0.0000 | P | 10.8 |
| 2 | ☐ | 1.000 | 1.048 | 2080.17 | 0.0003 | P | 1.3 |
| 3 | ☐ | 50.000 | 48.588 | 91720.01 | 0.0138 | P | 0.7 |
| 4 | ☐ | 125.000 | 124.180 | 234271.25 | 0.0352 | P | 1.1 |
| 5 | ☐ | 250.000 | 244.782 | 450192.32 | 0.0693 | P | 1.2 |
| 6 | ☐ | 500.000 | 496.106 | 908611.48 | 0.1404 | P | 0.6 |
| 7 | ☐ | 1000.000 | 1003.424 | 1864353.01 | 0.2840 | A | 1.9 |
| 8 | ☐ | | | 1785.69 | 0.0003 | P | 2.2 |

y = 2.8302E-004 * x + 9.3730E-006
R = 1.0000
DL = 0.01076

Weight: <None>
Min Conc: <None>

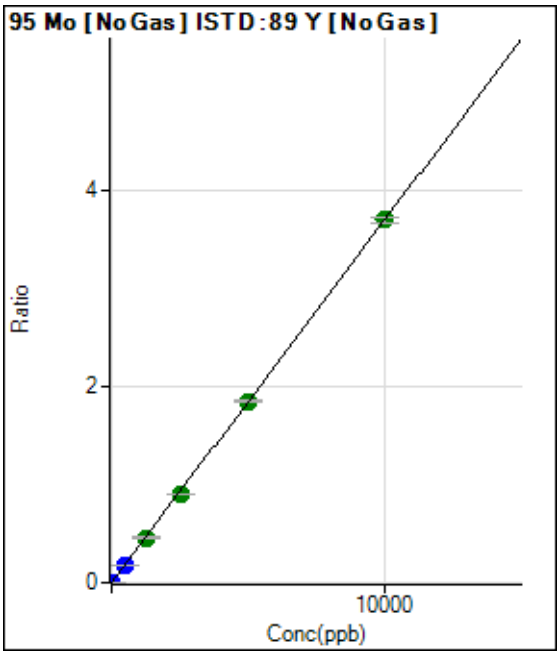
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 215.56 | 0.0000 | P | 10.8 |
| 2 | ☐ | 5.000 | 6.020 | 10848.53 | 0.0016 | P | 1.4 |
| 3 | ☐ | 500.000 | 488.362 | 845574.13 | 0.1269 | P | 1.1 |
| 4 | ☐ | 1250.000 | 1230.640 | 2130083.44 | 0.3196 | A | 1.0 |
| 5 | ☐ | 2500.000 | 2433.171 | 4106258.62 | 0.6319 | A | 1.0 |
| 6 | ☐ | 5000.000 | 4992.102 | 8389594.46 | 1.2965 | A | 0.9 |
| 7 | ☐ | 10000.000 | 10023.658 | 17090961.00 | 2.6032 | A | 0.9 |
| 8 | ☐ | | | 8535.91 | 0.0012 | P | 1.0 |

y = 2.5970E-004 * x + 3.1890E-005
R = 1.0000
DL = 0.03989

Weight: <None>
Min Conc: <None>

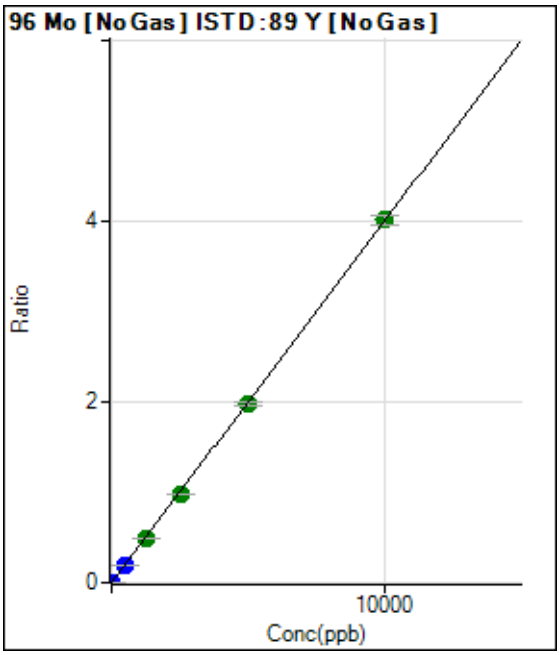



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 148.89 | 0.0000 | P | 18.5 |
| 2 | ☐ | 5.000 | 5.249 | 13351.74 | 0.0020 | P | 2.2 |
| 3 | ☐ | 500.000 | 485.464 | 1197082.65 | 0.1796 | P | 1.0 |
| 4 | ☐ | 1250.000 | 1237.172 | 3049632.63 | 0.4577 | A | 2.6 |
| 5 | ☐ | 2500.000 | 2436.899 | 5857108.46 | 0.9014 | A | 1.1 |
| 6 | ☐ | 5000.000 | 5013.876 | 12001003.57 | 1.8547 | A | 1.0 |
| 7 | ☐ | 10000.000 | 10011.167 | 24311778.25 | 3.7032 | A | 1.7 |
| 8 | ☐ | | | 9343.05 | 0.0014 | P | 4.1 |

y = 3.6990E-004 * x + 2.2043E-005
R = 1.0000
DL = 0.03302

Weight: <None>
Min Conc: <None>

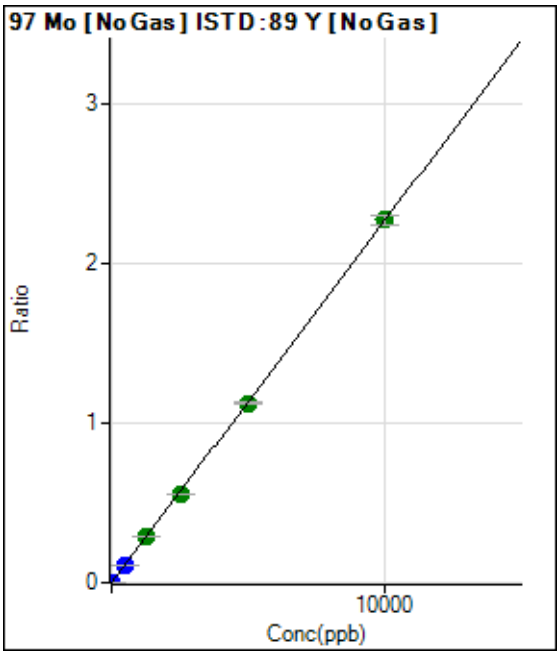
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 258.89 | 0.0000 | P | 17.4 |
| 2 | ☐ | 5.000 | 5.273 | 14586.24 | 0.0021 | P | 0.5 |
| 3 | ☐ | 500.000 | 489.662 | 1304289.10 | 0.1957 | P | 1.1 |
| 4 | ☐ | 1250.000 | 1228.387 | 3270862.35 | 0.4908 | A | 1.1 |
| 5 | ☐ | 2500.000 | 2453.251 | 6369770.74 | 0.9802 | A | 0.9 |
| 6 | ☐ | 5000.000 | 4961.205 | 12827301.61 | 1.9823 | A | 1.8 |
| 7 | ☐ | 10000.000 | 10034.303 | 26321591.83 | 4.0092 | A | 2.3 |
| 8 | ☐ | | | 13440.71 | 0.0020 | P | 0.1 |

y = 3.9955E-004 * x + 3.8264E-005
R = 1.0000
DL = 0.04995

Weight: <None>
Min Conc: <None>

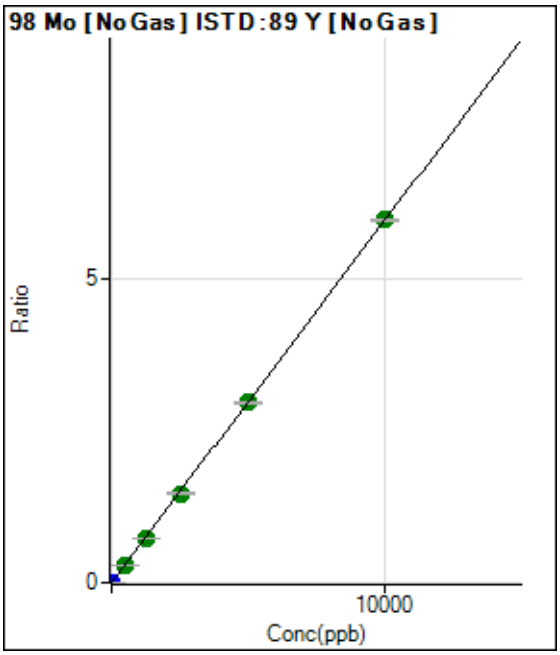



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 140.00 | 0.0000 | P | 6.8 |
| 2 | ☐ | 5.000 | 5.313 | 8338.00 | 0.0012 | P | 2.1 |
| 3 | ☐ | 500.000 | 488.736 | 739339.40 | 0.1109 | P | 0.6 |
| 4 | ☐ | 1250.000 | 1254.566 | 1897317.19 | 0.2847 | A | 0.5 |
| 5 | ☐ | 2500.000 | 2458.308 | 3624683.14 | 0.5578 | A | 0.7 |
| 6 | ☐ | 5000.000 | 4958.000 | 7280095.10 | 1.1251 | A | 1.0 |
| 7 | ☐ | 10000.000 | 10031.415 | 14942409.22 | 2.2763 | A | 2.4 |
| 8 | ☐ | | | 6081.31 | 0.0009 | P | 0.7 |

y = 2.2691E-004 * x + 2.0719E-005
R = 1.0000
DL = 0.01874

Weight: <None>
Min Conc: <None>

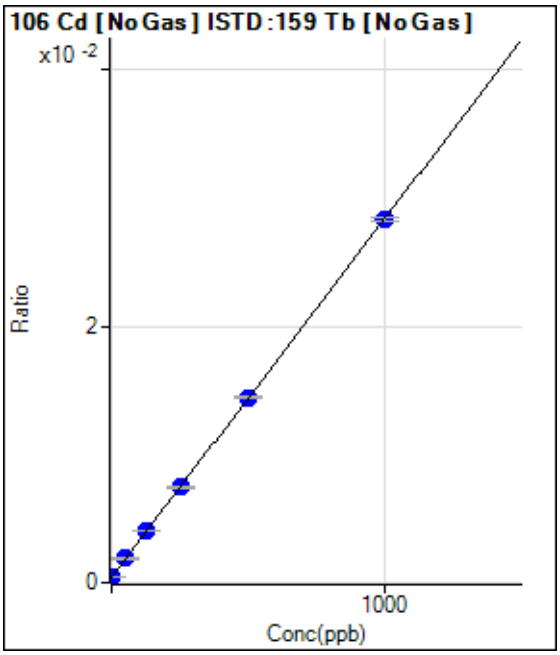
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
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LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 333.34 | 0.0000 | P | 10.3 |
| 2 | ☐ | 5.000 | 5.195 | 21434.71 | 0.0032 | P | 0.8 |
| 3 | ☐ | 500.000 | 488.714 | 1945800.51 | 0.2919 | A | 1.5 |
| 4 | ☐ | 1250.000 | 1221.527 | 4862091.98 | 0.7296 | A | 2.2 |
| 5 | ☐ | 2500.000 | 2467.048 | 9574015.48 | 1.4735 | A | 1.4 |
| 6 | ☐ | 5000.000 | 4975.741 | 19230600.69 | 2.9718 | A | 1.4 |
| 7 | ☐ | 10000.000 | 10024.491 | 39309404.69 | 5.9872 | A | 0.6 |
| 8 | ☐ | | | 15195.77 | 0.0022 | P | 1.1 |

y = 5.9725E-004 * x + 4.9343E-005
R = 1.0000
DL = 0.02552

Weight: <None>
Min Conc: <None>

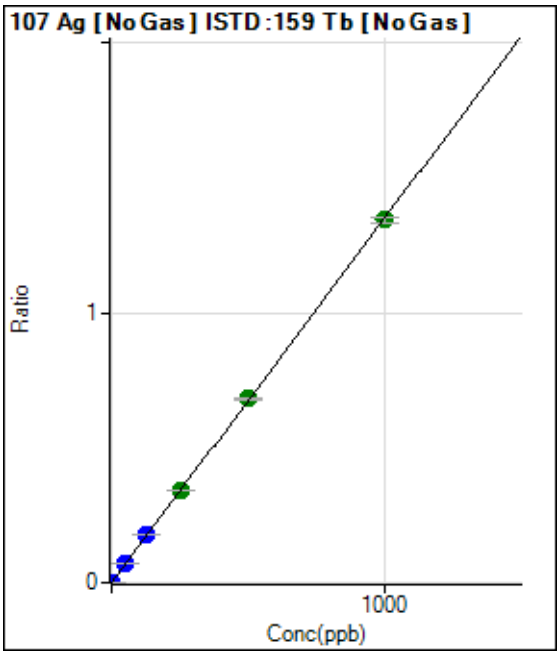



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1939.04 | 0.0004 | P | 4.1 |
| 2 | ☐ | 1.000 | 0.894 | 2030.16 | 0.0004 | P | 10.3 |
| 3 | ☐ | 50.000 | 52.322 | 8497.00 | 0.0019 | P | 2.9 |
| 4 | ☐ | 125.000 | 130.569 | 18826.79 | 0.0041 | P | 1.2 |
| 5 | ☐ | 250.000 | 251.433 | 34606.90 | 0.0074 | P | 2.9 |
| 6 | ☐ | 500.000 | 502.138 | 67875.40 | 0.0145 | P | 1.2 |
| 7 | ☐ | 1000.000 | 997.761 | 134814.78 | 0.0283 | P | 1.0 |
| 8 | ☐ | | | 2001.27 | 0.0004 | P | 3.5 |

y = 2.7965E-005 * x + 4.1446E-004
R = 1.0000
DL = 1.812

Weight: <None>
Min Conc: <None>

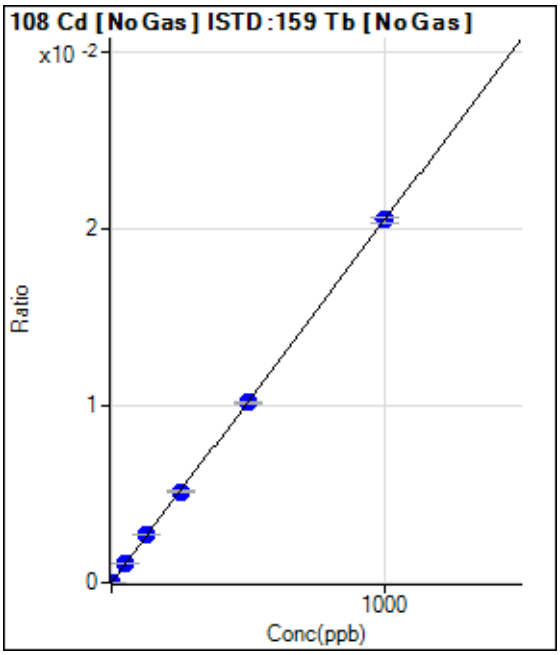
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 78.89 | 0.0000 | P | 12.6 |
| 2 | ☐ | 1.000 | 1.106 | 6980.63 | 0.0015 | P | 3.1 |
| 3 | ☐ | 50.000 | 53.206 | 325321.74 | 0.0719 | P | 1.1 |
| 4 | ☐ | 125.000 | 132.338 | 827754.49 | 0.1788 | P | 0.7 |
| 5 | ☐ | 250.000 | 253.022 | 1588596.94 | 0.3418 | A | 1.8 |
| 6 | ☐ | 500.000 | 504.890 | 3201859.61 | 0.6820 | A | 1.2 |
| 7 | ☐ | 1000.000 | 995.722 | 6402613.65 | 1.3449 | A | 1.7 |
| 8 | ☐ | | | 5347.70 | 0.0011 | P | 3.6 |

y = 0.0014 * x + 1.6851E-005
R = 1.0000
DL = 0.004726

Weight: <None>
Min Conc: <None>

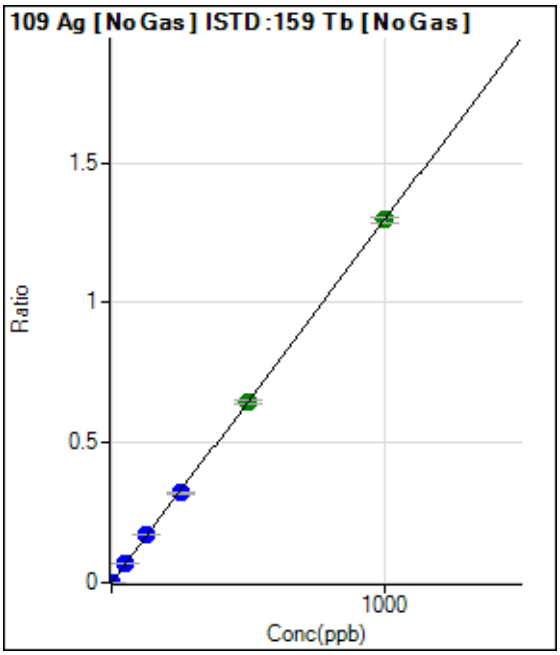



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0000 | P | 55.9 |
| 2 | ☐ | 1.000 | 1.116 | 117.78 | 0.0000 | P | 6.0 |
| 3 | ☐ | 50.000 | 52.555 | 4888.64 | 0.0011 | P | 0.5 |
| 4 | ☐ | 125.000 | 132.414 | 12583.32 | 0.0027 | P | 1.3 |
| 5 | ☐ | 250.000 | 250.501 | 23886.42 | 0.0051 | P | 1.6 |
| 6 | ☐ | 500.000 | 496.549 | 47814.21 | 0.0102 | P | 1.3 |
| 7 | ☐ | 1000.000 | 1000.546 | 97679.69 | 0.0205 | P | 1.3 |
| 8 | ☐ | | | 63.33 | 0.0000 | P | 25.1 |

y = 2.0504E-005 * x + 2.6044E-006
R = 1.0000
DL = 0.2132

Weight: <None>
Min Conc: <None>

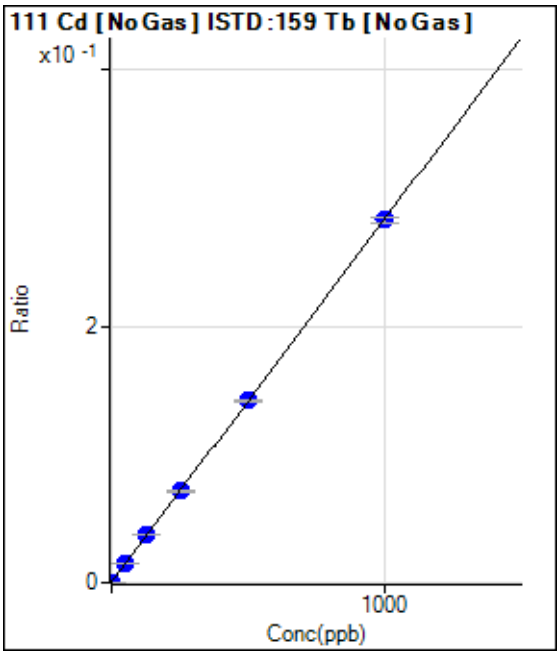
Reviewed By:jaswal
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Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 67.78 | 0.0000 | P | 23.3 |
| 2 | ☐ | 1.000 | 1.124 | 6798.33 | 0.0015 | P | 2.2 |
| 3 | ☐ | 50.000 | 52.697 | 309192.78 | 0.0683 | P | 0.5 |
| 4 | ☐ | 125.000 | 131.262 | 787808.16 | 0.1701 | P | 1.5 |
| 5 | ☐ | 250.000 | 247.896 | 1493568.54 | 0.3213 | P | 1.1 |
| 6 | ☐ | 500.000 | 498.539 | 3033898.53 | 0.6462 | A | 1.6 |
| 7 | ☐ | 1000.000 | 1000.339 | 6172547.82 | 1.2966 | A | 1.5 |
| 8 | ☐ | | | 4949.77 | 0.0010 | P | 0.9 |

y = 0.0013 * x + 1.4515E-005
R = 1.0000
DL = 0.007825

Weight: <None>
Min Conc: <None>

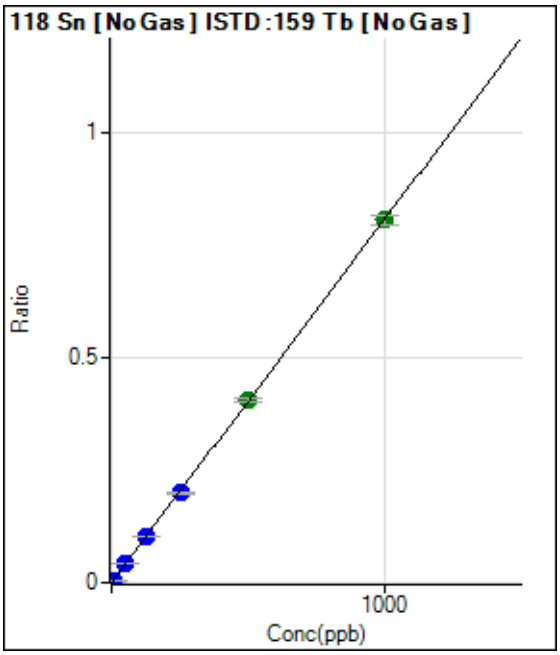



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1375.44 | 0.0003 | P | 3.2 |
| 2 | ☐ | 1.000 | 1.165 | 2882.10 | 0.0006 | P | 8.1 |
| 3 | ☐ | 50.000 | 53.245 | 69541.42 | 0.0154 | P | 1.8 |
| 4 | ☐ | 125.000 | 131.993 | 174369.33 | 0.0377 | P | 1.2 |
| 5 | ☐ | 250.000 | 252.156 | 333150.63 | 0.0717 | P | 1.8 |
| 6 | ☐ | 500.000 | 500.345 | 666384.20 | 0.1419 | P | 0.7 |
| 7 | ☐ | 1000.000 | 998.252 | 1346696.37 | 0.2829 | P | 1.6 |
| 8 | ☐ | | | 1993.24 | 0.0004 | P | 4.1 |

y = 2.8308E-004 * x + 2.9401E-004
R = 1.0000
DL = 0.1009

Weight: <None>
Min Conc: <None>

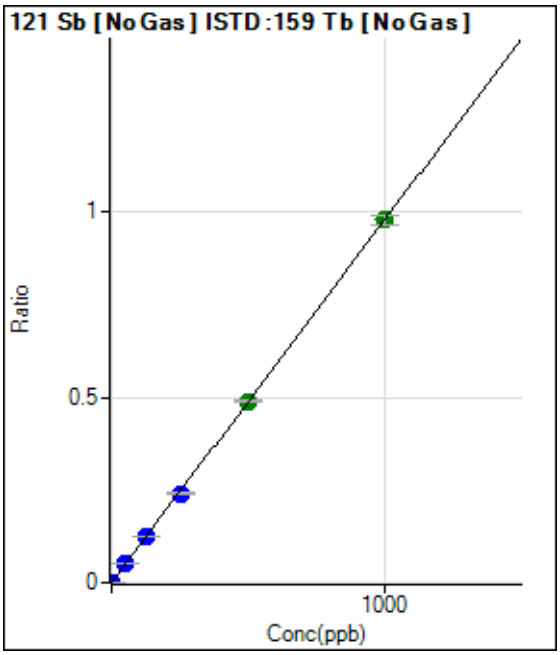
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 992.27 | 0.0002 | P | 7.7 |
| 2 | ☐ | 5.000 | 5.518 | 21575.14 | 0.0047 | P | 0.5 |
| 3 | ☐ | 50.000 | 51.386 | 188733.24 | 0.0417 | P | 0.5 |
| 4 | ☐ | 125.000 | 127.347 | 477073.91 | 0.1030 | P | 1.4 |
| 5 | ☐ | 250.000 | 247.211 | 928790.33 | 0.1998 | P | 1.2 |
| 6 | ☐ | 500.000 | 502.691 | 1906765.96 | 0.4061 | A | 1.6 |
| 7 | ☐ | 1000.000 | 998.987 | 3841264.81 | 0.8068 | A | 2.7 |
| 8 | ☐ | | | 5585.58 | 0.0011 | P | 2.5 |

y = 8.0742E-004 * x + 2.1225E-004
R = 1.0000
DL = 0.06074

Weight: <None>
Min Conc: <None>

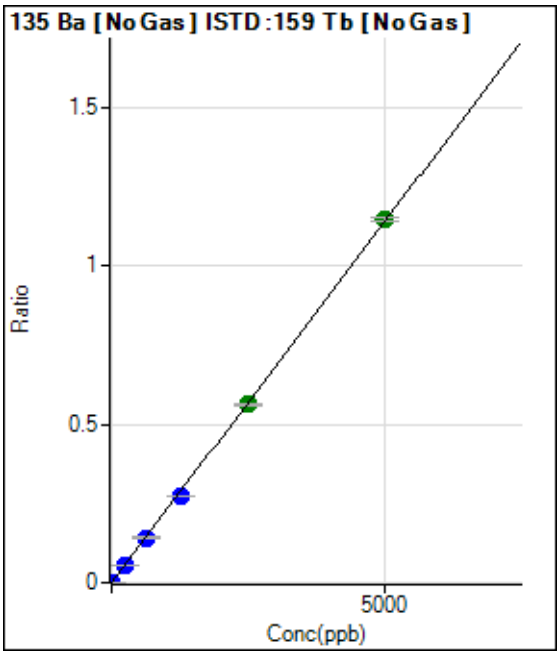



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 48.89 | 0.0000 | P | 61.5 |
| 2 | ☐ | 2.000 | 2.169 | 9866.78 | 0.0021 | P | 0.9 |
| 3 | ☐ | 50.000 | 50.961 | 225908.46 | 0.0499 | P | 0.6 |
| 4 | ☐ | 125.000 | 127.730 | 579222.02 | 0.1251 | P | 0.5 |
| 5 | ☐ | 250.000 | 245.555 | 1117712.88 | 0.2405 | P | 1.8 |
| 6 | ☐ | 500.000 | 499.977 | 2298768.44 | 0.4896 | A | 0.7 |
| 7 | ☐ | 1000.000 | 1000.733 | 4665044.69 | 0.9800 | A | 2.4 |
| 8 | ☐ | | | 9564.38 | 0.0020 | P | 4.1 |

y = 9.7923E-004 * x + 1.0430E-005
R = 1.0000
DL = 0.01964

Weight: <None>
Min Conc: <None>

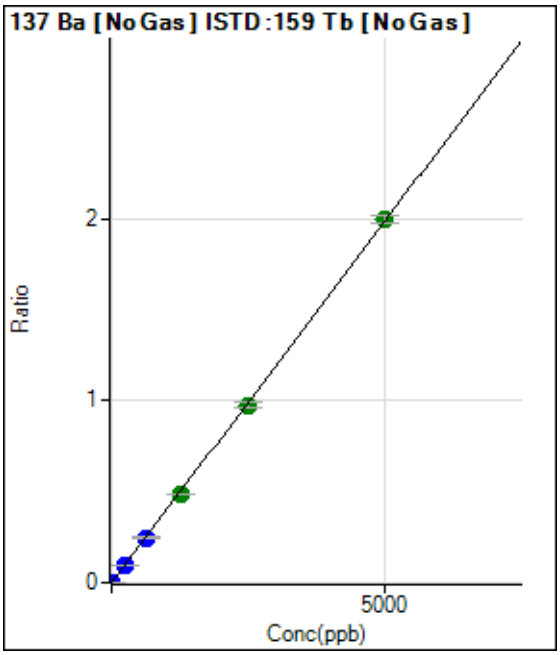
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 45.55 | 0.0000 | P | 14.3 |
| 2 | ☐ | 10.000 | 10.534 | 11132.22 | 0.0024 | P | 1.6 |
| 3 | ☐ | 250.000 | 249.573 | 257226.88 | 0.0568 | P | 0.9 |
| 4 | ☐ | 625.000 | 622.591 | 656442.56 | 0.1418 | P | 1.5 |
| 5 | ☐ | 1250.000 | 1200.144 | 1270232.81 | 0.2733 | P | 1.6 |
| 6 | ☐ | 2500.000 | 2472.055 | 2642777.58 | 0.5629 | A | 1.3 |
| 7 | ☐ | 5000.000 | 5026.758 | 5448947.91 | 1.1446 | A | 1.2 |
| 8 | ☐ | | | 8927.31 | 0.0018 | P | 5.8 |

y = 2.2770E-004 * x + 9.7306E-006
R = 0.9999
DL = 0.01835

Weight: <None>
Min Conc: <None>

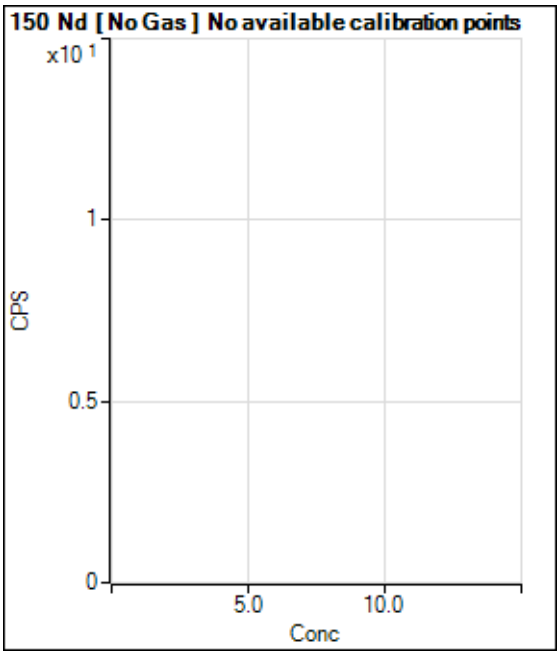



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 60.00 | 0.0000 | P | 8.9 |
| 2 | ☐ | 10.000 | 10.635 | 19543.54 | 0.0042 | P | 1.2 |
| 3 | ☐ | 250.000 | 248.441 | 445763.34 | 0.0985 | P | 0.2 |
| 4 | ☐ | 625.000 | 623.180 | 1143801.85 | 0.2470 | P | 1.8 |
| 5 | ☐ | 1250.000 | 1224.052 | 2255449.27 | 0.4852 | A | 1.1 |
| 6 | ☐ | 2500.000 | 2462.762 | 4583593.33 | 0.9762 | A | 2.6 |
| 7 | ☐ | 5000.000 | 5025.410 | 9484723.19 | 1.9920 | A | 2.3 |
| 8 | ☐ | | | 15377.33 | 0.0032 | P | 2.3 |

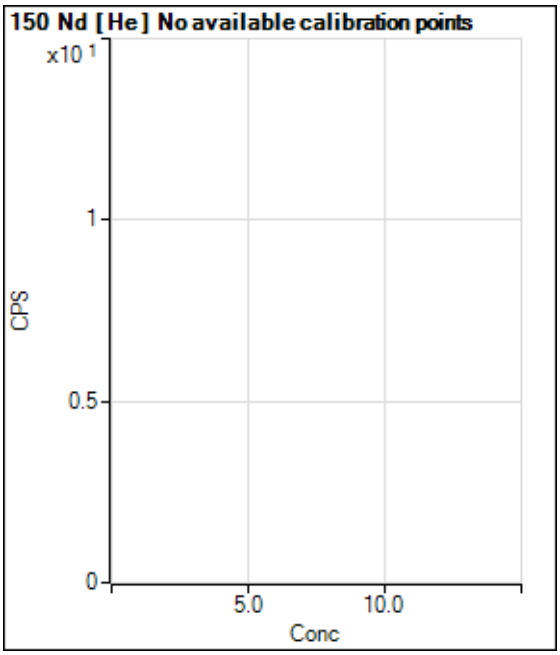
y = 3.9639E-004 * x + 1.2823E-005
R = 0.9999
DL = 0.008623

Weight: <None>
Min Conc: <None>

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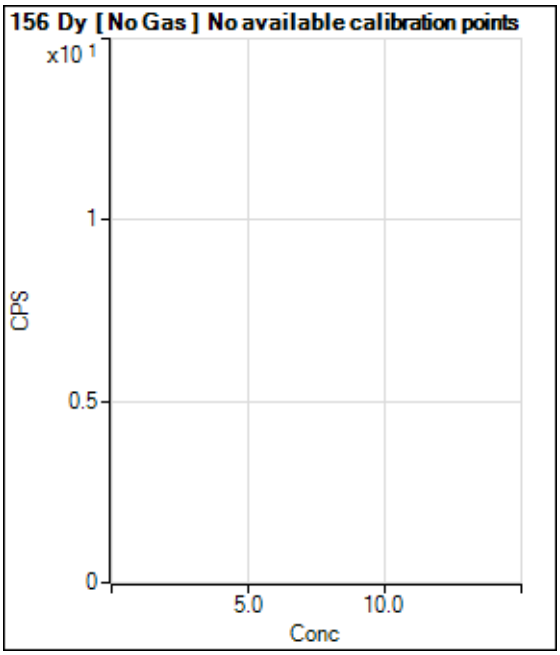



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2.22 | | P | 86.6 |
| 2 | ☐ | | | 4.44 | | P | 114. |
| 3 | ☐ | | | 18.89 | | P | 71.3 |
| 4 | ☐ | | | 31.11 | | P | 43.3 |
| 5 | ☐ | | | 65.56 | | P | 17.9 |
| 6 | ☐ | | | 132.23 | | P | 18.9 |
| 7 | ☐ | | | 250.00 | | P | 4.0 |
| 8 | ☐ | | | 87.78 | | P | 11.0 |

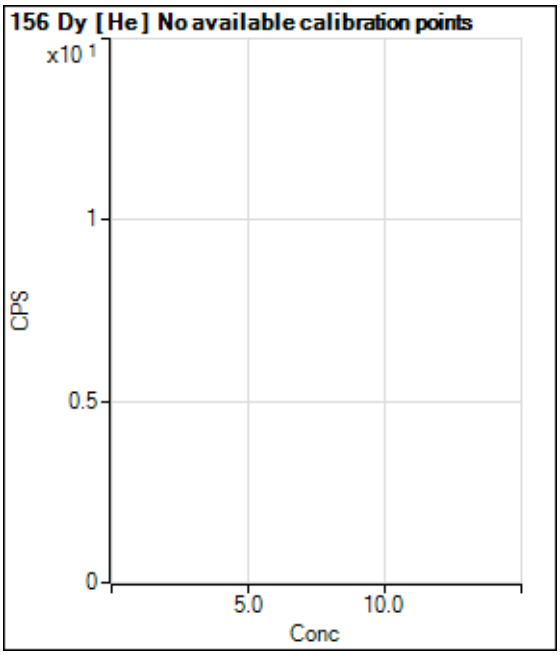



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 0.00 | | P | |
| 2 | ☐ | | | 1.11 | | P | 173. |
| 3 | ☐ | | | 13.33 | | P | 90.2 |
| 4 | ☐ | | | 10.00 | | P | 33.3 |
| 5 | ☐ | | | 31.11 | | P | 16.4 |
| 6 | ☐ | | | 37.78 | | P | 22.2 |
| 7 | ☐ | | | 92.22 | | P | 13.7 |
| 8 | ☐ | | | 74.44 | | P | 13.7 |

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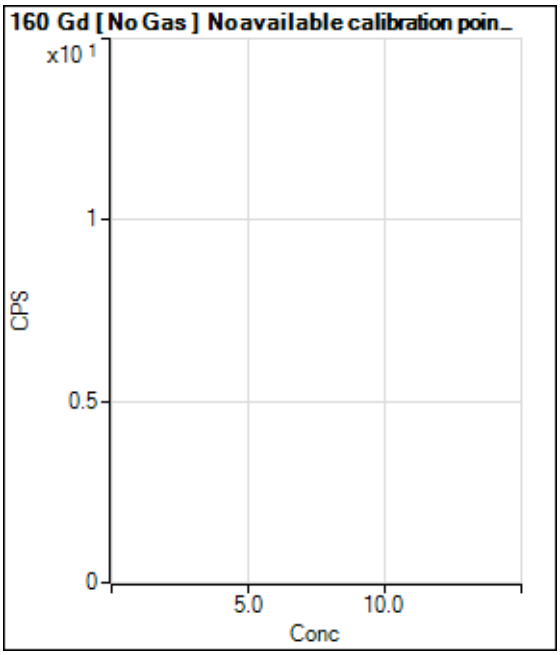



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 7.78 | | P | 24.7 |
| 2 | ☐ | | | 8.89 | | P | 78.1 |
| 3 | ☐ | | | 18.89 | | P | 27.0 |
| 4 | ☐ | | | 28.89 | | P | 17.6 |
| 5 | ☐ | | | 56.67 | | P | 11.8 |
| 6 | ☐ | | | 86.67 | | P | 21.4 |
| 7 | ☐ | | | 148.89 | | P | 29.2 |
| 8 | ☐ | | | 224.45 | | P | 14.9 |

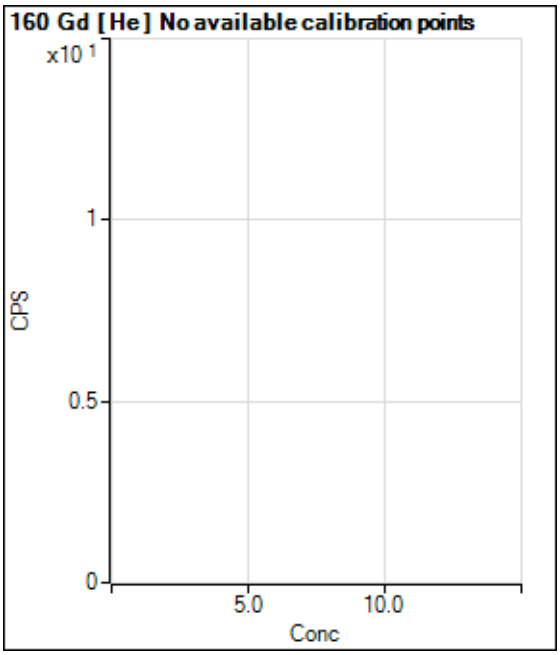



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 2.22 | | P | 86.6 |
| 2 | ☐ | | | 11.11 | | P | 69.3 |
| 3 | ☐ | | | 26.67 | | P | 45.1 |
| 4 | ☐ | | | 55.56 | | P | 15.1 |
| 5 | ☐ | | | 105.56 | | P | 9.1 |
| 6 | ☐ | | | 221.12 | | P | 8.3 |
| 7 | ☐ | | | 423.34 | | P | 17.6 |
| 8 | ☐ | | | 272.23 | | P | 15.3 |

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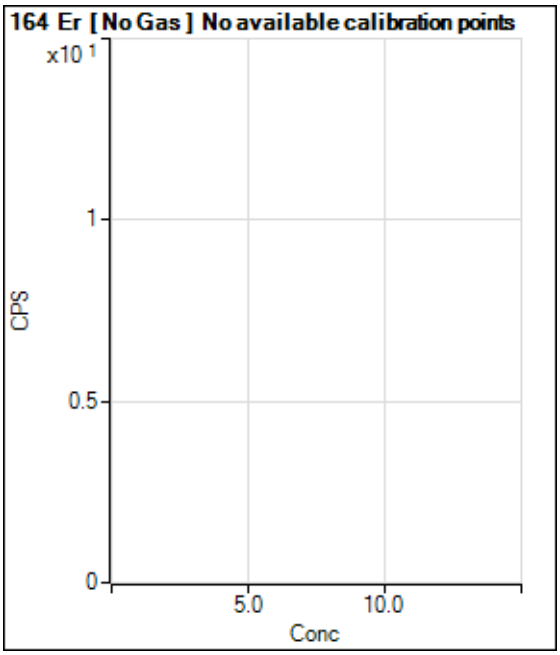



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 26.67 | | P | 12.5 |
| 2 | ☐ | | | 30.00 | | P | 48.4 |
| 3 | ☐ | | | 20.00 | | P | 33.4 |
| 4 | ☐ | | | 24.44 | | P | 31.5 |
| 5 | ☐ | | | 45.56 | | P | 11.2 |
| 6 | ☐ | | | 65.56 | | P | 12.8 |
| 7 | ☐ | | | 110.00 | | P | 16.0 |
| 8 | ☐ | | | 281.12 | | P | 5.9 |

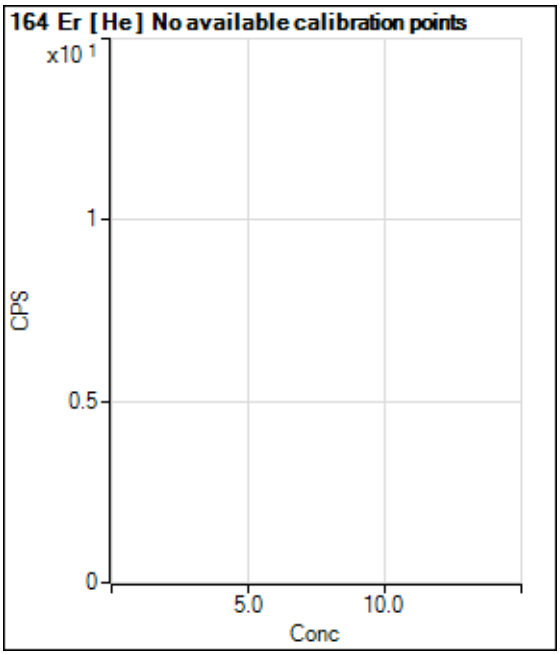



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 260.00 | | P | 11.2 |
| 2 | ☐ | | | 290.01 | | P | 3.4 |
| 3 | ☐ | | | 268.90 | | P | 7.0 |
| 4 | ☐ | | | 257.78 | | P | 8.3 |
| 5 | ☐ | | | 261.12 | | P | 15.3 |
| 6 | ☐ | | | 301.12 | | P | 14.1 |
| 7 | ☐ | | | 323.34 | | P | 10.2 |
| 8 | ☐ | | | 482.24 | | P | 10.1 |

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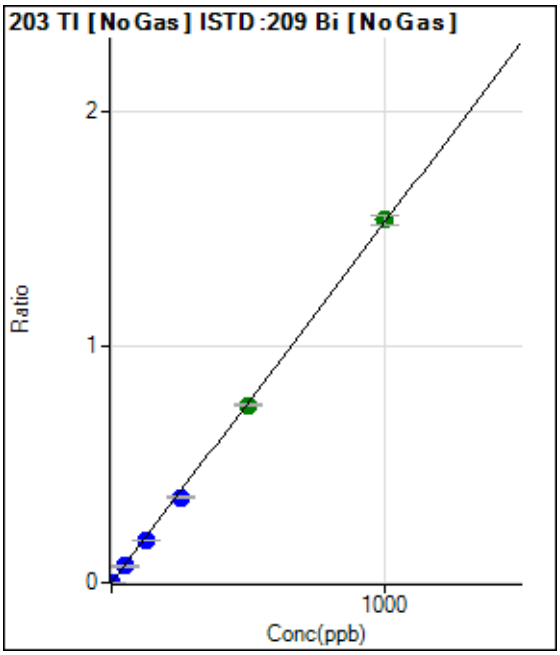



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 21.11 | | P | 63.8 |
| 2 | ☐ | | | 26.67 | | P | 37.5 |
| 3 | ☐ | | | 38.89 | | P | 13.1 |
| 4 | ☐ | | | 54.44 | | P | 9.4 |
| 5 | ☐ | | | 60.00 | | P | 20.0 |
| 6 | ☐ | | | 84.44 | | P | 42.6 |
| 7 | ☐ | | | 200.00 | | P | 11.7 |
| 8 | ☐ | | | 527.79 | | P | 5.7 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 11.11 | | P | 17.3 |
| 2 | ☐ | | | 14.44 | | P | 35.3 |
| 3 | ☐ | | | 33.33 | | P | 40.0 |
| 4 | ☐ | | | 34.44 | | P | 40.3 |
| 5 | ☐ | | | 42.22 | | P | 31.9 |
| 6 | ☐ | | | 72.22 | | P | 20.8 |
| 7 | ☐ | | | 125.56 | | P | 21.5 |
| 8 | ☐ | | | 393.34 | | P | 11.4 |

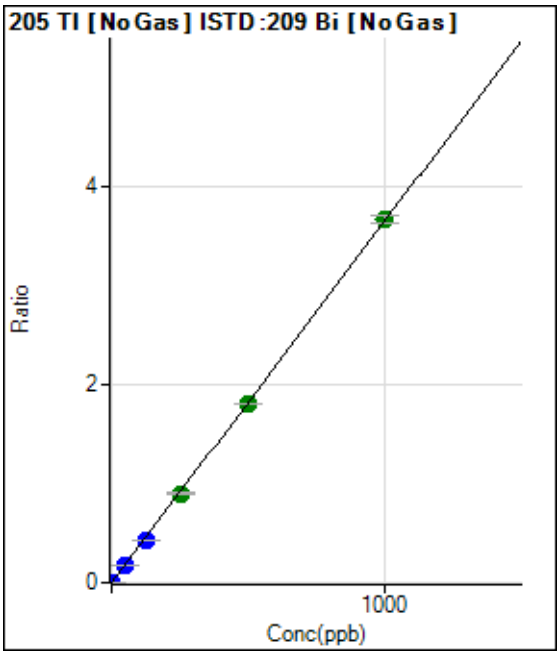
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| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 160.00 | 0.0001 | P | 14.8 |
| 2 | ☐ | 1.000 | 1.063 | 4982.08 | 0.0017 | P | 2.2 |
| 3 | ☐ | 50.000 | 45.688 | 207623.57 | 0.0698 | P | 1.6 |
| 4 | ☐ | 125.000 | 119.372 | 545563.41 | 0.1823 | P | 1.0 |
| 5 | ☐ | 250.000 | 236.265 | 1068387.14 | 0.3608 | P | 1.4 |
| 6 | ☐ | 500.000 | 493.781 | 2299197.83 | 0.7540 | A | 1.9 |
| 7 | ☐ | 1000.000 | 1007.462 | 4730367.78 | 1.5384 | A | 2.9 |
| 8 | ☐ | | | 6130.33 | 0.0022 | P | 3.7 |

y = 0.0015 * x + 5.3498E-005
R = 0.9999
DL = 0.01551

Weight: <None>
Min Conc: <None>

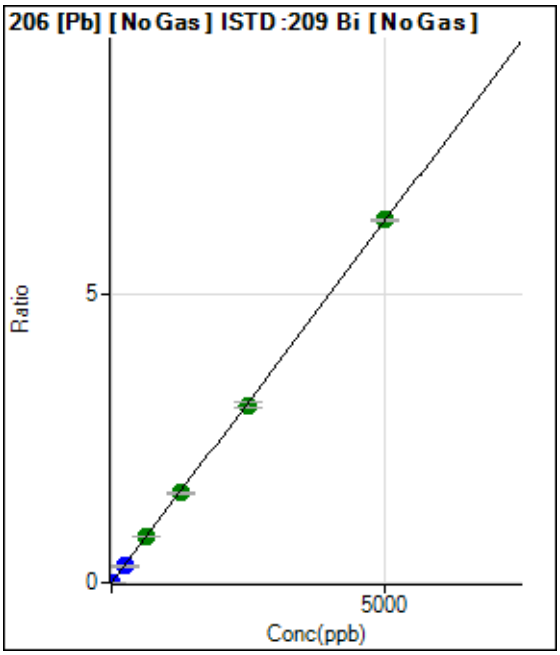



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 460.01 | 0.0002 | P | 8.8 |
| 2 | ☐ | 1.000 | 1.043 | 11742.95 | 0.0039 | P | 3.3 |
| 3 | ☐ | 50.000 | 45.691 | 495174.62 | 0.1665 | P | 1.2 |
| 4 | ☐ | 125.000 | 117.845 | 1284258.03 | 0.4292 | P | 0.5 |
| 5 | ☐ | 250.000 | 245.894 | 2650831.18 | 0.8954 | A | 2.8 |
| 6 | ☐ | 500.000 | 495.504 | 5501609.47 | 1.8042 | A | 0.3 |
| 7 | ☐ | 1000.000 | 1004.384 | 11243544.97 | 3.6569 | A | 2.2 |
| 8 | ☐ | | | 14688.04 | 0.0052 | P | 2.6 |

y = 0.0036 * x + 1.5365E-004
R = 1.0000
DL = 0.01116

Weight: <None>
Min Conc: <None>

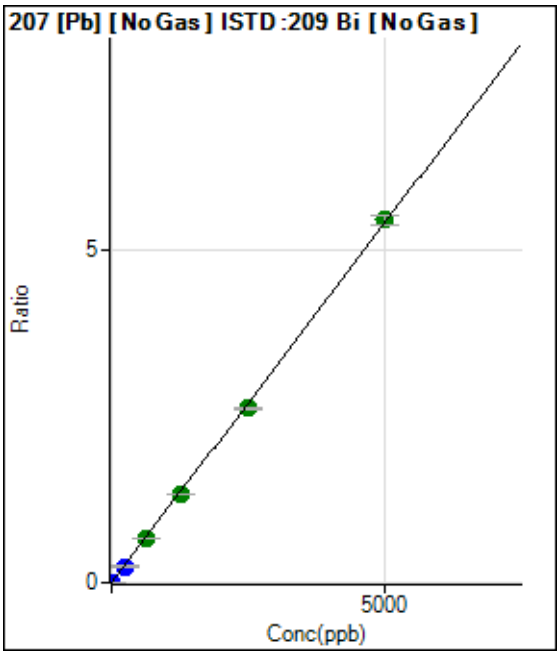
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LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 272.23 | 0.0001 | P | 5.6 |
| 2 | ☐ | 1.000 | 1.015 | 4038.43 | 0.0014 | P | 1.9 |
| 3 | ☐ | 250.000 | 227.773 | 846408.79 | 0.2846 | P | 1.9 |
| 4 | ☐ | 625.000 | 629.162 | 2352097.99 | 0.7861 | A | 0.6 |
| 5 | ☐ | 1250.000 | 1245.390 | 4606762.47 | 1.5559 | A | 2.2 |
| 6 | ☐ | 2500.000 | 2459.742 | 9369245.56 | 3.0729 | A | 2.6 |
| 7 | ☐ | 5000.000 | 5021.873 | 19291158.32 | 6.2737 | A | 0.6 |
| 8 | ☐ | | | 6829.56 | 0.0024 | P | 7.1 |

y = 0.0012 * x + 9.0913E-005
R = 0.9999
DL = 0.01226

Weight: <None>
Min Conc: <None>

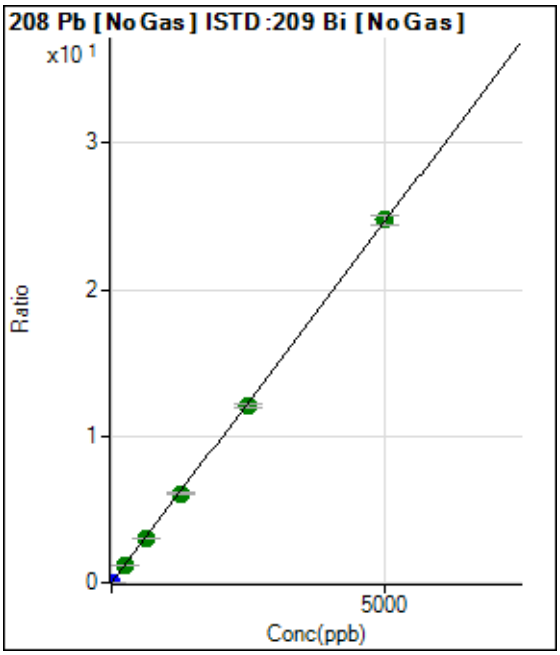



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 207.78 | 0.0001 | P | 15.4 |
| 2 | ☐ | 1.000 | 1.012 | 3451.59 | 0.0012 | P | 2.1 |
| 3 | ☐ | 250.000 | 225.356 | 723308.02 | 0.2432 | P | 2.1 |
| 4 | ☐ | 625.000 | 615.379 | 1986994.12 | 0.6641 | A | 1.9 |
| 5 | ☐ | 1250.000 | 1223.558 | 3909875.50 | 1.3204 | A | 0.8 |
| 6 | ☐ | 2500.000 | 2425.458 | 7980455.99 | 2.6173 | A | 1.4 |
| 7 | ☐ | 5000.000 | 5046.316 | 16741238.92 | 5.4453 | A | 2.6 |
| 8 | ☐ | | | 5772.39 | 0.0020 | P | 4.2 |

y = 0.0011 * x + 6.9306E-005
R = 0.9998
DL = 0.02975

Weight: <None>
Min Conc: <None>

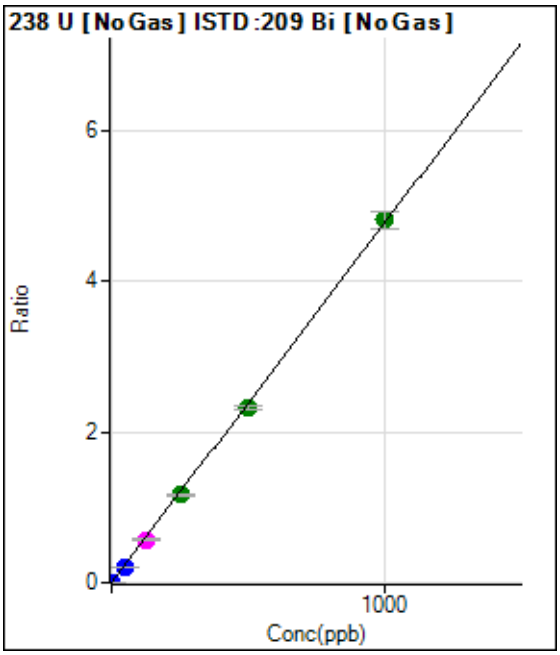
Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1020.03 | 0.0003 | P | 3.2 |
| 2 | ☐ | 1.000 | 1.014 | 15853.79 | 0.0053 | P | 1.0 |
| 3 | ☐ | 250.000 | 234.730 | 3437165.96 | 1.1558 | A | 1.6 |
| 4 | ☐ | 625.000 | 622.615 | 9171790.05 | 3.0653 | A | 0.9 |
| 5 | ☐ | 1250.000 | 1233.002 | 17974216.16 | 6.0700 | A | 1.4 |
| 6 | ☐ | 2500.000 | 2456.543 | 36873723.48 | 12.0931 | A | 1.9 |
| 7 | ☐ | 5000.000 | 5027.039 | 76083954.98 | 24.7469 | A | 2.4 |
| 8 | ☐ | | | 26733.89 | 0.0094 | P | 3.9 |

y = 0.0049 * x + 3.4055E-004
R = 0.9999
DL = 0.006587

Weight: <None>
Min Conc: <None>

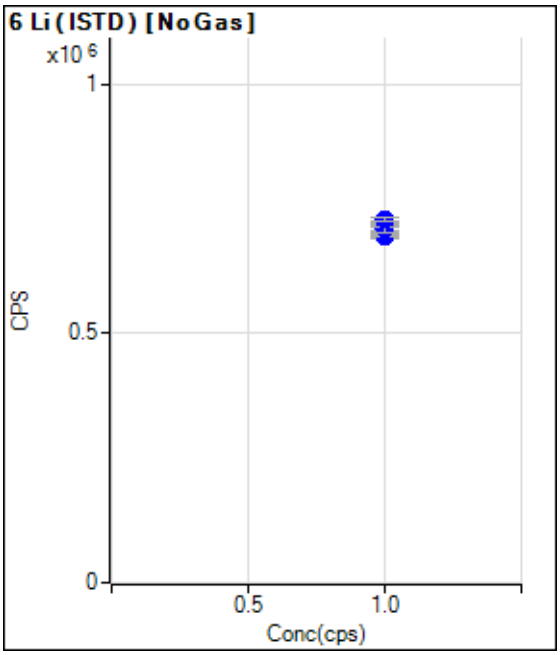



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 232.23 | 0.0001 | P | 12.5 |
| 2 | ☐ | 1.000 | 0.986 | 14219.96 | 0.0048 | P | 1.7 |
| 3 | ☐ | 50.000 | 43.407 | 616445.40 | 0.2073 | P | 2.1 |
| 4 | ☐ | 125.000 | 118.545 | 1693513.39 | 0.5660 | M | 5.4 |
| 5 | ☐ | 250.000 | 244.922 | 3462183.53 | 1.1694 | A | 2.0 |
| 6 | ☐ | 500.000 | 487.228 | 7092806.98 | 2.3261 | A | 2.8 |
| 7 | ☐ | 1000.000 | 1008.792 | 14804912.70 | 4.8161 | A | 4.4 |
| 8 | ☐ | | | 622.25 | 0.0002 | P | 12.6 |

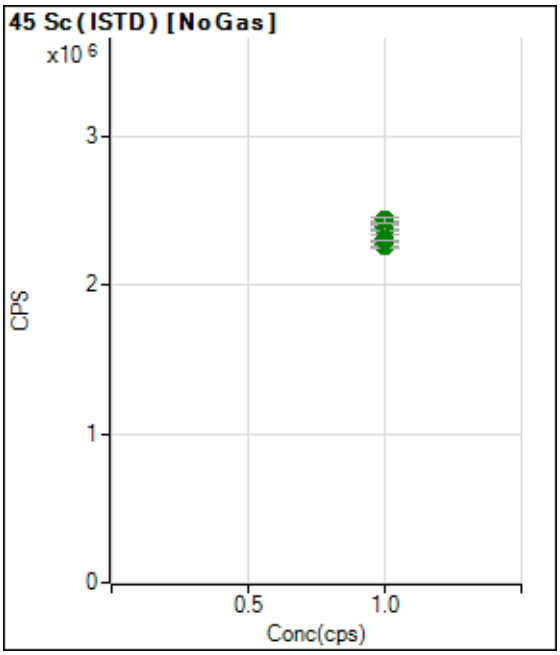
y = 0.0048 * x + 7.7564E-005
R = 0.9999
DL = 0.006084

Weight: <None>
Min Conc: <None>

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

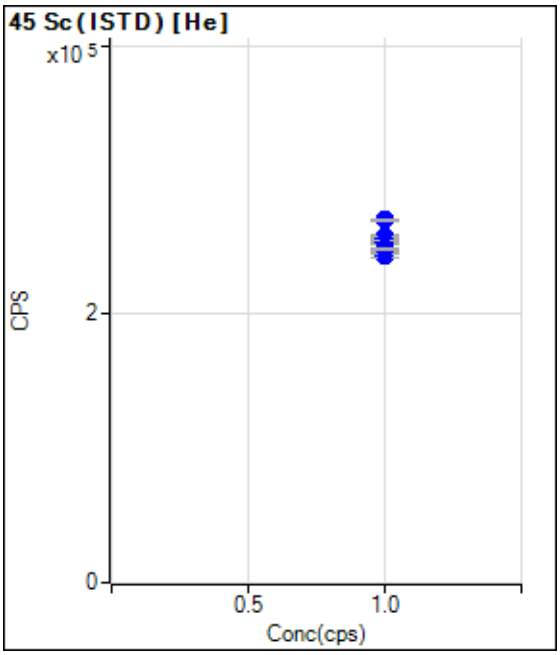



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 721378.86 | | P | 0.1 |
| 2 | ☐ | 1.000 | | 716362.75 | | P | 0.2 |
| 3 | ☐ | 1.000 | | 704280.21 | | P | 0.5 |
| 4 | ☐ | 1.000 | | 694447.46 | | P | 0.3 |
| 5 | ☐ | 1.000 | | 693282.61 | | P | 0.3 |
| 6 | ☐ | 1.000 | | 696240.97 | | P | 0.2 |
| 7 | ☐ | 1.000 | | 709369.12 | | P | 1.4 |
| 8 | ☐ | 1.000 | | 728061.93 | | P | 1.2 |

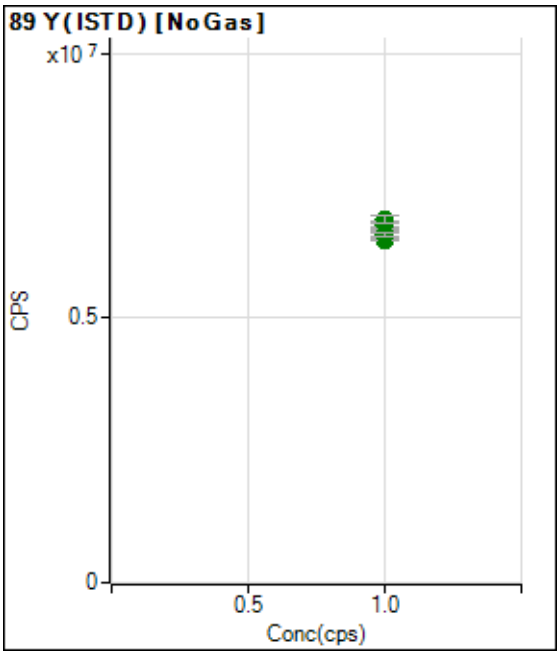



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2412510.07 | | A | 0.8 |
| 2 | ☐ | 1.000 | | 2375606.54 | | A | 0.3 |
| 3 | ☐ | 1.000 | | 2381889.46 | | A | 2.0 |
| 4 | ☐ | 1.000 | | 2310763.75 | | A | 1.8 |
| 5 | ☐ | 1.000 | | 2276046.41 | | A | 1.1 |
| 6 | ☐ | 1.000 | | 2254899.29 | | A | 0.6 |
| 7 | ☐ | 1.000 | | 2298445.45 | | A | 0.2 |
| 8 | ☐ | 1.000 | | 2434586.81 | | A | 1.4 |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

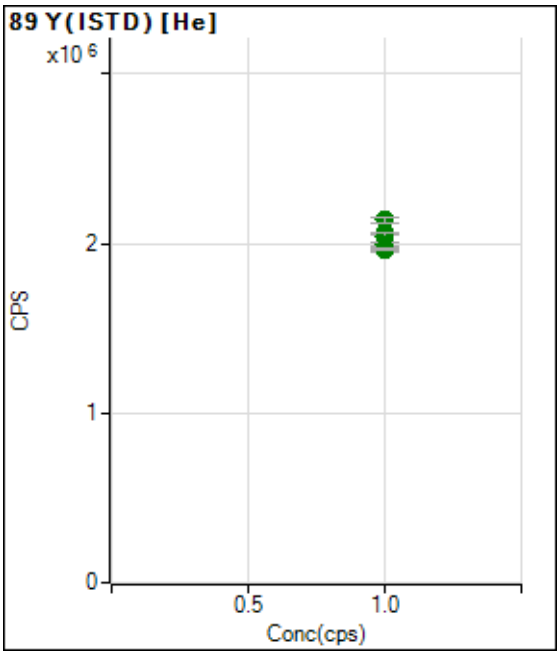



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 257378.30 | | P | 1.2 |
| 2 | ☐ | 1.000 | | 256025.72 | | P | 1.5 |
| 3 | ☐ | 1.000 | | 253493.92 | | P | 0.7 |
| 4 | ☐ | 1.000 | | 247179.19 | | P | 0.7 |
| 5 | ☐ | 1.000 | | 243737.72 | | P | 1.1 |
| 6 | ☐ | 1.000 | | 246083.16 | | P | 0.5 |
| 7 | ☐ | 1.000 | | 248840.19 | | P | 0.3 |
| 8 | ☐ | 1.000 | | 270280.39 | | P | 0.3 |

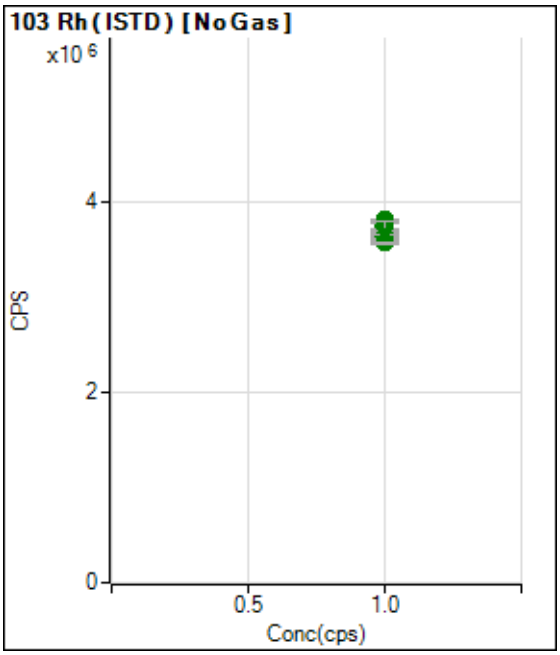



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6759107.89 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 6799928.16 | | A | 0.6 |
| 3 | ☐ | 1.000 | | 6665572.40 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 6664181.43 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 6497949.91 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 6470763.58 | | A | 0.5 |
| 7 | ☐ | 1.000 | | 6565815.11 | | A | 1.4 |
| 8 | ☐ | 1.000 | | 6848328.85 | | A | 2.3 |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

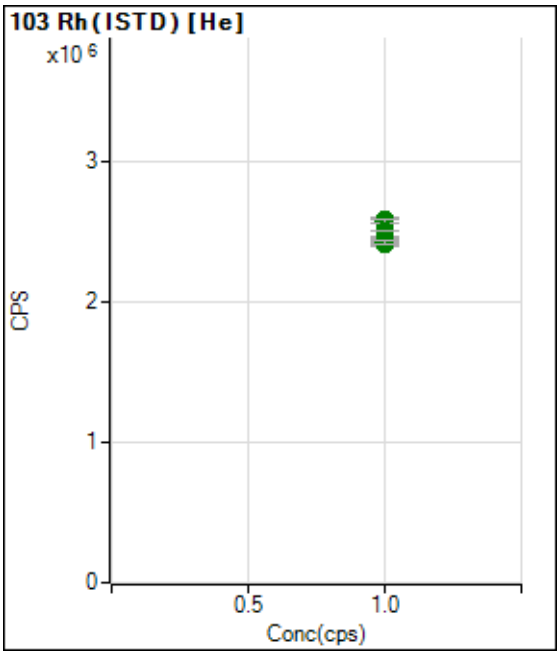



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2062248.04 | | A | 0.6 |
| 2 | ☐ | 1.000 | | 2038017.73 | | A | 2.7 |
| 3 | ☐ | 1.000 | | 1996492.23 | | A | 1.3 |
| 4 | ☐ | 1.000 | | 1992726.50 | | A | 2.0 |
| 5 | ☐ | 1.000 | | 1959391.19 | | A | 1.5 |
| 6 | ☐ | 1.000 | | 1961978.58 | | A | 1.3 |
| 7 | ☐ | 1.000 | | 1968278.25 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 2139267.97 | | A | 1.6 |

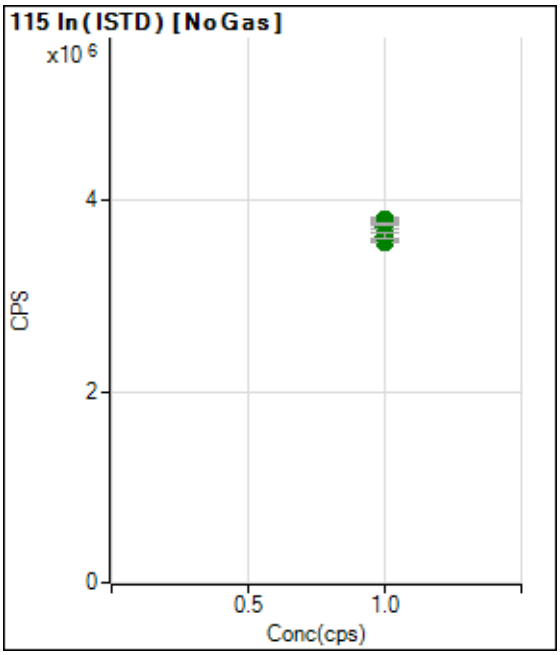



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3819821.30 | | A | 0.5 |
| 2 | ☐ | 1.000 | | 3788591.23 | | A | 0.7 |
| 3 | ☐ | 1.000 | | 3756542.34 | | A | 1.6 |
| 4 | ☐ | 1.000 | | 3754004.18 | | A | 2.4 |
| 5 | ☐ | 1.000 | | 3642248.31 | | A | 2.4 |
| 6 | ☐ | 1.000 | | 3614211.44 | | A | 1.1 |
| 7 | ☐ | 1.000 | | 3649687.45 | | A | 1.0 |
| 8 | ☐ | 1.000 | | 3576413.66 | | A | 0.9 |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

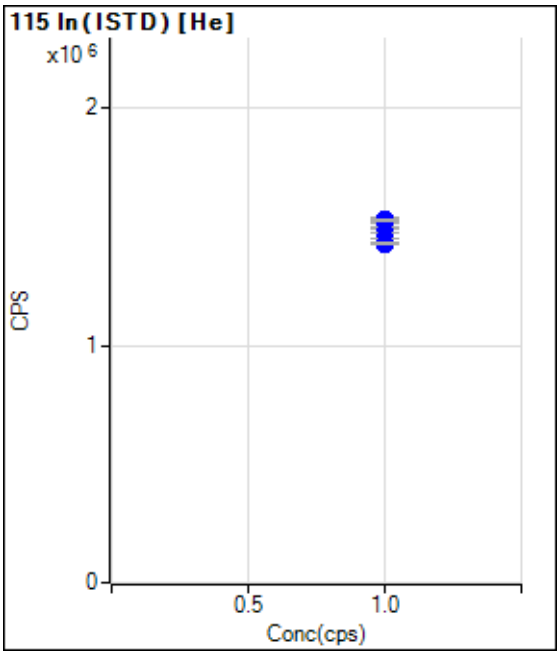



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2586671.00 | | A | 1.6 |
| 2 | ☐ | 1.000 | | 2578138.30 | | A | 1.5 |
| 3 | ☐ | 1.000 | | 2505197.88 | | A | 0.1 |
| 4 | ☐ | 1.000 | | 2433666.91 | | A | 2.9 |
| 5 | ☐ | 1.000 | | 2414817.74 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 2447110.07 | | A | 0.7 |
| 7 | ☐ | 1.000 | | 2423941.11 | | A | 1.0 |
| 8 | ☐ | 1.000 | | 2428327.36 | | A | 1.1 |

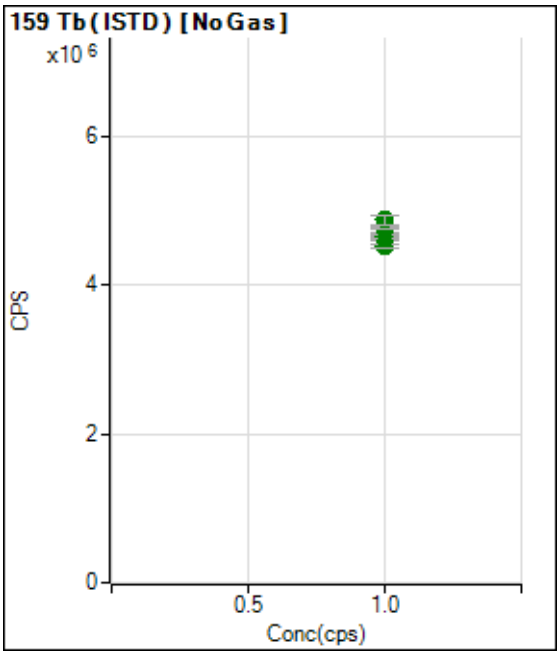



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3797698.03 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 3787130.33 | | A | 0.4 |
| 3 | ☐ | 1.000 | | 3721960.64 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 3720541.32 | | A | 0.9 |
| 5 | ☐ | 1.000 | | 3566608.55 | | A | 0.4 |
| 6 | ☐ | 1.000 | | 3626557.03 | | A | 1.6 |
| 7 | ☐ | 1.000 | | 3633196.46 | | A | 1.6 |
| 8 | ☐ | 1.000 | | 3761341.71 | | A | 0.6 |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

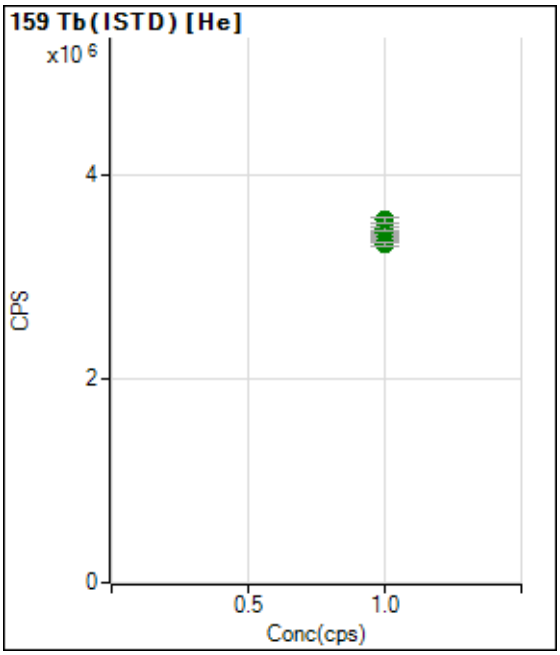



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1526321.61 | | P | 1.2 |
| 2 | ☐ | 1.000 | | 1526885.80 | | P | 0.6 |
| 3 | ☐ | 1.000 | | 1494678.12 | | P | 0.3 |
| 4 | ☐ | 1.000 | | 1472773.99 | | P | 0.2 |
| 5 | ☐ | 1.000 | | 1451185.44 | | P | 0.3 |
| 6 | ☐ | 1.000 | | 1449160.07 | | P | 0.3 |
| 7 | ☐ | 1.000 | | 1428177.35 | | P | 0.4 |
| 8 | ☐ | 1.000 | | 1528771.51 | | P | 0.5 |

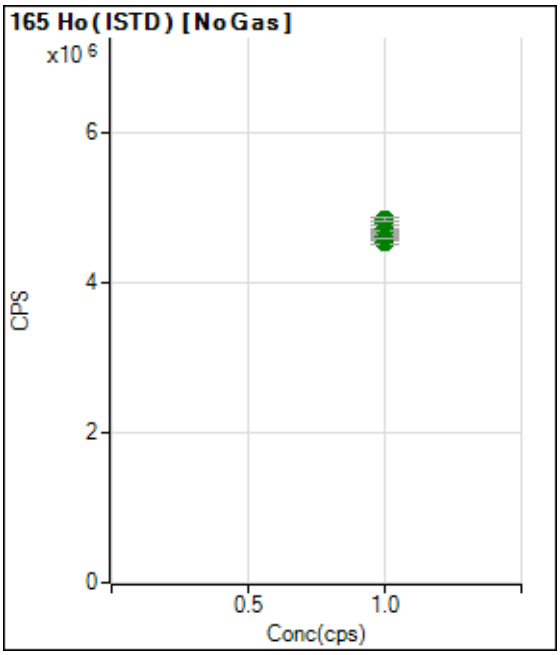



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4677457.01 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 4622340.28 | | A | 1.1 |
| 3 | ☐ | 1.000 | | 4525870.32 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 4630677.26 | | A | 1.1 |
| 5 | ☐ | 1.000 | | 4648559.20 | | A | 0.8 |
| 6 | ☐ | 1.000 | | 4695270.17 | | A | 0.7 |
| 7 | ☐ | 1.000 | | 4760908.30 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 4875936.18 | | A | 2.9 |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

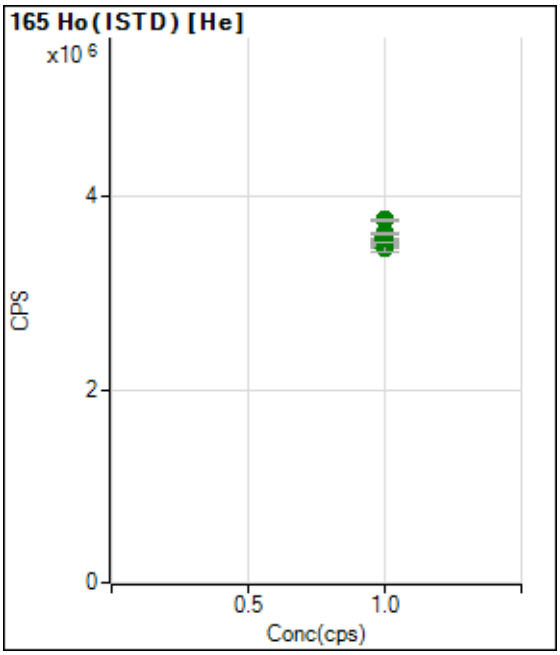



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3465708.39 | | A | 1.3 |
| 2 | ☐ | 1.000 | | 3408895.47 | | A | 0.6 |
| 3 | ☐ | 1.000 | | 3408926.76 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 3362203.28 | | A | 0.7 |
| 5 | ☐ | 1.000 | | 3315680.12 | | A | 1.2 |
| 6 | ☐ | 1.000 | | 3428717.73 | | A | 1.5 |
| 7 | ☐ | 1.000 | | 3471598.04 | | A | 1.2 |
| 8 | ☐ | 1.000 | | 3554041.65 | | A | 1.8 |

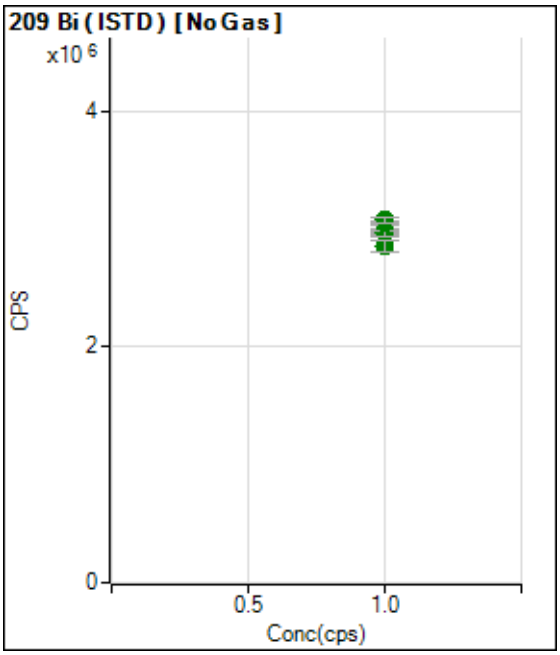



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4674056.91 | | A | 2.1 |
| 2 | ☐ | 1.000 | | 4599971.67 | | A | 1.9 |
| 3 | ☐ | 1.000 | | 4535500.69 | | A | 1.6 |
| 4 | ☐ | 1.000 | | 4636013.54 | | A | 1.2 |
| 5 | ☐ | 1.000 | | 4616658.20 | | A | 1.1 |
| 6 | ☐ | 1.000 | | 4725889.20 | | A | 1.3 |
| 7 | ☐ | 1.000 | | 4784971.74 | | A | 1.1 |
| 8 | ☐ | 1.000 | | 4833861.98 | | A | 1.1 |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

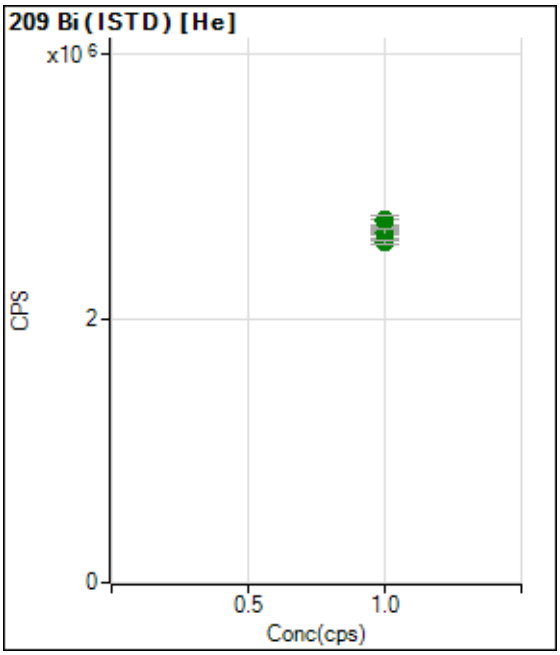



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3582376.16 | | A | 1.3 |
| 2 | ☐ | 1.000 | | 3547274.77 | | A | 1.5 |
| 3 | ☐ | 1.000 | | 3476938.66 | | A | 0.8 |
| 4 | ☐ | 1.000 | | 3542833.11 | | A | 1.5 |
| 5 | ☐ | 1.000 | | 3477987.13 | | A | 2.9 |
| 6 | ☐ | 1.000 | | 3570830.29 | | A | 2.5 |
| 7 | ☐ | 1.000 | | 3619745.95 | | A | 0.7 |
| 8 | ☐ | 1.000 | | 3761936.89 | | A | 0.2 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2996400.72 | | A | 1.9 |
| 2 | ☐ | 1.000 | | 2972848.50 | | A | 0.3 |
| 3 | ☐ | 1.000 | | 2974235.96 | | A | 1.8 |
| 4 | ☐ | 1.000 | | 2992162.04 | | A | 0.5 |
| 5 | ☐ | 1.000 | | 2961492.00 | | A | 1.9 |
| 6 | ☐ | 1.000 | | 3049381.10 | | A | 0.8 |
| 7 | ☐ | 1.000 | | 3075077.04 | | A | 1.3 |
| 8 | ☐ | 1.000 | | 2848124.47 | | A | 3.3 |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
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LB :LB137619




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2731963.41 | | A | 1.7 |
| 2 | ☐ | 1.000 | | 2746344.53 | | A | 3.0 |
| 3 | ☐ | 1.000 | | 2702321.70 | | A | 0.6 |
| 4 | ☐ | 1.000 | | 2641376.39 | | A | 1.0 |
| 5 | ☐ | 1.000 | | 2662146.56 | | A | 2.0 |
| 6 | ☐ | 1.000 | | 2674161.63 | | A | 1.2 |
| 7 | ☐ | 1.000 | | 2642034.77 | | A | 2.2 |
| 8 | ☐ | 1.000 | | 2575925.80 | | A | 1.5 |

# US EPA Tune Check Report

Reviewed By:jasw
On:10/24/2025 6:1
PM
Inst Id :P7
LB :LB137619

**Operator Name** Jaswal

**Acq/Data Batch** D:\Agilent\ICPMH\1\DATA\P7102225 MS.b

**Acq. Date-Time** 2025-10-22 10:42:38

**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 | | 6099 | 60985.16 | | | 1.953 | 5.000 |
| 24 | | 57704 | 577039.96 | | | 1.303 | 5.000 |
| 25 | | 7750 | 77501.44 | | | 1.288 | 5.000 |
| 26 | | 9183 | 91832.41 | | | 1.123 | 5.000 |
| 59 | | 65342 | 653419.03 | | | 1.400 | 5.000 |
| 113 | | 8080 | 80797.07 | | | 1.508 | 5.000 |
| 115 | | 90211 | 902113.02 | | | 2.308 | 5.000 |
| 206 | | 19080 | 190800.70 | | | 1.980 | 5.000 |
| 207 | | 16913 | 169131.44 | | | 1.730 | 5.000 |
| 208 | | 39578 | 395776.60 | | | 2.053 | 5.000 |
| 220 | | 0 | 3.30 | | | 31.419 | |

| 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 | 6215 | 6165 | 6162 | 6022 | 5929 |
| 24 | 58306 | 58469 | 57901 | 56765 | 57078 |
| 25 | 7846 | 7860 | 7736 | 7650 | 7659 |
| 26 | 9291 | 9276 | 9194 | 9073 | 9083 |
| 59 | 66482 | 65898 | 65404 | 64769 | 64156 |
| 113 | 8168 | 8193 | 8106 | 8044 | 7888 |
| 115 | 92071 | 91461 | 91096 | 89548 | 86881 |
| 206 | 19360 | 19441 | 19195 | 18881 | 18524 |
| 207 | 17131 | 17258 | 16890 | 16764 | 16522 |
| 208 | 40295 | 40489 | 39546 | 38681 | 38877 |

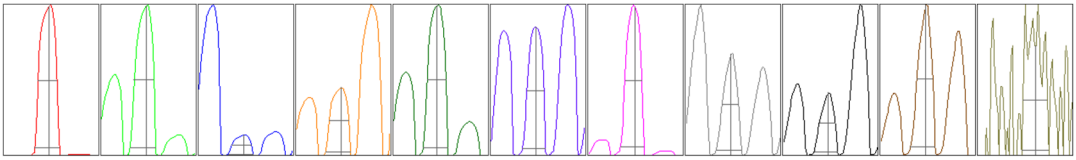
# US EPA Tune Check Report

Reviewed By:jasw
On:10/24/2025 6:1
PM
Inst Id :P7
LB :LB137619

| 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 | 10557.11 | 8.95 | 8.90 - 9.10 | |
| 24 | 97897.78 | 23.95 | 23.90 - 24.10 | |
| 25 | 12904.35 | 24.95 | 24.90 - 25.10 | |
| 26 | 15153.84 | 25.95 | 25.90 - 26.10 | |
| 59 | 113001.54 | 58.90 | 58.90 - 59.10 | |
| 113 | 15377.26 | 112.95 | 112.90 - 113.10 | |
| 115 | 172357.43 | 115.00 | 114.90 - 115.10 | |
| 206 | 38181.20 | 205.95 | 205.90 - 206.10 | |
| 207 | 33443.97 | 206.95 | 206.90 - 207.10 | |
| 208 | 80838.91 | 207.95 | 207.90 - 208.10 | |
| 220 | 0.40 | 220.35 | - | |

| Mass | W-50% | W-5% | W-5% (Required) | W-5% (Flag) |
|---|---|---|---|---|
| 9 | 0.60 | 0.779 | 0.900 | |
| 24 | 0.63 | 0.805 | 0.900 | |
| 25 | 0.63 | 0.788 | 0.900 | |
| 26 | 0.63 | 0.786 | 0.900 | |
| 59 | 0.61 | 0.781 | 0.900 | |
| 113 | 0.53 | 0.732 | 0.900 | |
| 115 | 0.53 | 0.758 | 0.900 | |
| 206 | 0.51 | 0.805 | 0.900 | |
| 207 | 0.51 | 0.743 | 0.900 | |
| 208 | 0.50 | 0.781 | 0.900 | |
| 220 | 0.78 | 0.843 | | |

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

**Tune Parameters**

**Plasma Parameters**

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

# US EPA Tune Check Report

Reviewed By:jasw
On:10/24/2025 6:1
PM
Inst Id :P7
LB :LB137619

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

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | 0.0 V | Omega Lens | 7.5 V | Deflect | 15.6 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 | 138 | Axis Gain | 0.9975 | QP Bias | -3.0 V |
| Mass Offset | 129 | Axis Offset | 0.09 | | |

**Hardware Settings**

**Torch**

| | | | |
|---|---|---|---|
| Torch H | -2.0 mm | Torch V | 1.2 mm |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 5.0 mV | Analog HV | 2287 V | Pulse HV | 1221 V |

**[He]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 59 | | 24164 | 241643.14 | | | 1.149 | |
| 89 | | 61734 | 617342.84 | | | 1.042 | |
| 205 | | 21400 | 213995.81 | | | 1.221 | |

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

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 59 | 24570 | 24233 | 24213 | 23889 | 23916 |
| 89 | 62484 | 62162 | 61872 | 60964 | 61189 |
| 205 | 21801 | 21529 | 21192 | 21249 | 21227 |

Integration Time [sec] 0.1

**Tune Parameters**

**Plasma Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | --- | Nebulizer Gas | 0.87 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 | 9.0 V | Deflect | 3.2 V |

# US EPA Tune Check Report

Reviewed By:jasw
On:10/24/2025 6:1
PM
Inst Id :P7
LB :LB137619

| | | | | | |
|---|---|---|---|---|---|
| Extract 2 | -185.0 V | Cell Entrance | -40 V | Plate Bias | -60 V |
| Omega Bias | -90 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 | 138 | Axis Gain | 0.9975 | QP Bias | -13.0 V |
| Mass Offset | 129 | Axis Offset | 0.09 | | |

**Hardware Settings**

**Torch**

| | | | | | |
|---|---|---|---|---|---|
| Torch H | -2.0 mm | Torch V | 1.2 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 5.0 mV | Analog HV | 2287 V | Pulse HV | 1221 V |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S0 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:54:14 | DataFile Name : | 010CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.14 | -0.19 | 0.34 | 0.00 | N/A | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.01 | 0.00 | N/A | ppb |
| Arsenic | 75-2 | 0.01 | -0.01 | 0.00 | 0.00 | N/A | ppb |
| Barium | 135-1 | 0.00 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Beryllium | 9-1 | 0.01 | -0.02 | 0.01 | 0.00 | N/A | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.06 | 0.08 | -0.02 | 0.00 | N/A | ppb |
| Cadmium | 106-1 | -0.39 | 0.70 | -0.30 | 0.00 | N/A | ppb |
| Cadmium | 111-1 | -0.02 | 0.04 | -0.02 | 0.00 | N/A | ppb |
| Calcium | 43-1 | -0.76 | 0.05 | 0.72 | 0.00 | N/A | ppb |
| Calcium | 44-1 | 0.22 | -0.56 | 0.33 | 0.00 | N/A | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.03 | 0.00 | 0.03 | 0.00 | N/A | ppb |
| Cobalt | 59-2 | -0.01 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Copper | 63-2 | 0.00 | 0.00 | -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 | -0.12 | 0.01 | 0.11 | 0.00 | N/A | ppb |
| Iron | 57-2 | -0.31 | 0.66 | -0.35 | 0.00 | N/A | ppb |
| Iron | 54-2 | -0.59 | 0.90 | -0.31 | 0.00 | N/A | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S0 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:54:14 | DataFile Name : | 010CALB.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 | 0.01 | -0.01 | 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 | 0.20 | -0.17 | -0.03 | 0.00 | N/A | ppb |
| Manganese | 55-2 | -0.02 | -0.01 | 0.03 | 0.00 | N/A | ppb |
| Molybdenum | 94-1 | 0.01 | -0.01 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 95-1 | -0.01 | 0.01 | 0.00 | 0.00 | N/A | ppb |
| Molybdenum | 96-1 | 0.02 | -0.01 | -0.01 | 0.00 | N/A | ppb |
| Molybdenum | 97-1 | 0.00 | -0.01 | 0.01 | 0.00 | N/A | ppb |
| Molybdenum | 98-1 | 0.00 | -0.01 | 0.01 | 0.00 | N/A | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 0.01 | 0.05 | -0.05 | 0.00 | N/A | ppb |
| Phosphorus | 31-2 | -23.39 | -14.82 | -8.05 | -15.42 | | ppb |
| Potassium | 39-2 | -2.72 | 2.53 | 0.19 | 0.00 | N/A | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | 0.28 | -0.32 | 0.03 | 0.00 | N/A | ppb |
| Selenium | 77-2 | 0.32 | -0.16 | -0.16 | 0.00 | N/A | ppb |
| Selenium | 78-2 | -0.05 | 0.36 | -0.31 | 0.00 | N/A | ppb |
| Silicon | 28-1 | 0.02 | -0.13 | 0.11 | 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 | -0.38 | 0.24 | 0.14 | 0.00 | N/A | ppb |
| Strontium | 86-1 | -0.02 | 0.00 | 0.02 | 0.00 | N/A | ppb |
| Strontium | 88-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Sulfur | 34-1 | -260.15 | -243.98 | -117.55 | -207.23 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.00 | -0.01 | 0.00 | 0.00 | N/A | ppb |
| Thallium | 205-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |
| Tin | 118-1 | 0.02 | -0.01 | -0.01 | 0.00 | N/A | ppb |
| Titanium | 47-1 | 0.02 | -0.01 | -0.01 | 0.00 | N/A | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S0 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:54:14 | DataFile Name : | 010CALB.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 | 0.07 | 0.00 | -0.07 | 0.00 | N/A | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.01 | 0.00 | N/A | ppb |
| Zirconium | 91-1 | 0.00 | 0.00 | 0.00 | 0.00 | N/A | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S2 | Instrumnet Name : | P7 |
| Client Sample ID : | S2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:57:32 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 22.55 | 21.98 | 22.03 | 22.19 | 1.44 | ppb |
| Antimony | 121-1 | 2.15 | 2.19 | 2.17 | 2.17 | 0.94 | ppb |
| Arsenic | 75-2 | 1.16 | 1.06 | 1.05 | 1.09 | 5.50 | ppb |
| Barium | 135-1 | 10.69 | 10.36 | 10.56 | 10.53 | 1.57 | ppb |
| Barium | 137-1 | 10.63 | 10.76 | 10.51 | 10.63 | 1.17 | ppb |
| Beryllium | 9-1 | 1.25 | 1.09 | 1.11 | 1.15 | 7.86 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.19 | 1.04 | 1.12 | 1.12 | 6.64 | ppb |
| Cadmium | 106-1 | 0.97 | 2.47 | -0.75 | 0.89 | 180.51 | ppb |
| Cadmium | 111-1 | 1.15 | 1.35 | 1.00 | 1.16 | 15.29 | ppb |
| Calcium | 43-1 | 598.72 | 590.69 | 586.16 | 591.85 | 1.07 | ppb |
| Calcium | 44-1 | 591.69 | 585.08 | 586.47 | 587.74 | 0.59 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.08 | 2.04 | 2.18 | 2.10 | 3.32 | ppb |
| Cobalt | 59-2 | 1.21 | 1.12 | 1.14 | 1.15 | 3.96 | ppb |
| Copper | 63-2 | 2.20 | 2.09 | 2.05 | 2.11 | 3.59 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 58.56 | 59.39 | 60.10 | 59.35 | 1.30 | ppb |
| Iron | 57-2 | 65.63 | 59.91 | 63.72 | 63.09 | 4.61 | ppb |
| Iron | 54-2 | 60.05 | 59.46 | 62.27 | 60.60 | 2.44 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S2 | Instrumnet Name : | P7 |
| Client Sample ID : | S2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:57:32 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.04 | 0.99 | 1.01 | 1.01 | 2.05 | ppb |
| Lead | 207-1 | 1.03 | 1.02 | 0.99 | 1.01 | 2.20 | ppb |
| Lead | 208-1 | 1.03 | 1.01 | 1.00 | 1.01 | 1.11 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 544.50 | 541.54 | 553.34 | 546.46 | 1.12 | ppb |
| Manganese | 55-2 | 0.93 | 1.01 | 1.02 | 0.99 | 5.22 | ppb |
| Molybdenum | 94-1 | 6.12 | 5.94 | 6.00 | 6.02 | 1.48 | ppb |
| Molybdenum | 95-1 | 5.29 | 5.34 | 5.12 | 5.25 | 2.18 | ppb |
| Molybdenum | 96-1 | 5.26 | 5.26 | 5.30 | 5.27 | 0.47 | ppb |
| Molybdenum | 97-1 | 5.39 | 5.37 | 5.18 | 5.31 | 2.15 | ppb |
| Molybdenum | 98-1 | 5.21 | 5.15 | 5.23 | 5.20 | 0.83 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.14 | 1.11 | 1.09 | 1.11 | 2.21 | ppb |
| Phosphorus | 31-2 | 14.89 | 12.97 | 18.41 | 15.42 | 17.90 | ppb |
| Potassium | 39-2 | 570.45 | 575.11 | 594.72 | 580.09 | 2.22 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 5.64 | 4.19 | 5.13 | 4.99 | 14.77 | ppb |
| Selenium | 77-2 | 6.87 | 6.36 | 7.26 | 6.83 | 6.63 | ppb |
| Selenium | 78-2 | 4.37 | 5.37 | 4.58 | 4.77 | 11.05 | ppb |
| Silicon | 28-1 | 0.58 | 0.63 | 0.49 | 0.57 | 12.30 | ppb |
| Silver | 107-1 | 1.12 | 1.13 | 1.07 | 1.11 | 3.15 | ppb |
| Silver | 109-1 | 1.10 | 1.15 | 1.12 | 1.12 | 2.23 | ppb |
| Sodium | 23-2 | 548.36 | 548.61 | 561.87 | 552.95 | 1.40 | ppb |
| Strontium | 86-1 | 0.99 | 1.09 | 1.05 | 1.04 | 4.54 | ppb |
| Strontium | 88-1 | 1.03 | 1.05 | 1.04 | 1.04 | 1.13 | ppb |
| Sulfur | 34-1 | 274.47 | 171.68 | 175.53 | 207.23 | 28.12 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 1.08 | 1.08 | 1.03 | 1.06 | 2.29 | ppb |
| Thallium | 205-1 | 1.04 | 1.01 | 1.08 | 1.04 | 3.46 | ppb |
| Tin | 118-1 | 5.49 | 5.51 | 5.55 | 5.52 | 0.50 | ppb |
| Titanium | 47-1 | 5.77 | 5.56 | 5.23 | 5.52 | 4.88 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S2 | Instrumnet Name : | P7 |
| Client Sample ID : | S2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:57:32 | DataFile Name : | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.00 | 0.99 | 0.97 | 0.99 | 1.70 | ppb |
| Vanadium | 51-2 | 5.64 | 5.50 | 5.62 | 5.59 | 1.34 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 5.13 | 5.27 | 5.59 | 5.33 | 4.43 | ppb |
| Zirconium | 90-1 | 1.00 | 1.04 | 1.00 | 1.01 | 2.21 | ppb |
| Zirconium | 91-1 | 1.04 | 1.04 | 1.06 | 1.05 | 1.38 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S3 | Instrumnet Name : | P7 |
| Client Sample ID : | S3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:04:15 | DataFile Name : | 013CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1025.21 | 1029.67 | 1021.64 | 1025.51 | 0.39 | ppb |
| Antimony | 121-1 | 50.73 | 50.83 | 51.32 | 50.96 | 0.62 | ppb |
| Arsenic | 75-2 | 50.53 | 52.42 | 49.84 | 50.93 | 2.61 | ppb |
| Barium | 135-1 | 249.66 | 251.80 | 247.26 | 249.57 | 0.91 | ppb |
| Barium | 137-1 | 248.02 | 248.77 | 248.53 | 248.44 | 0.15 | ppb |
| Beryllium | 9-1 | 50.95 | 52.61 | 52.22 | 51.93 | 1.67 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 52.76 | 52.67 | 52.24 | 52.55 | 0.53 | ppb |
| Cadmium | 106-1 | 54.48 | 50.65 | 51.84 | 52.32 | 3.75 | ppb |
| Cadmium | 111-1 | 53.84 | 53.75 | 52.14 | 53.25 | 1.80 | ppb |
| Calcium | 43-1 | 5184.61 | 5270.45 | 5347.63 | 5267.56 | 1.55 | ppb |
| Calcium | 44-1 | 5184.59 | 5378.31 | 5348.86 | 5303.92 | 1.97 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 73.72 | 74.64 | 72.86 | 73.74 | 1.21 | ppb |
| Cobalt | 59-2 | 49.47 | 49.74 | 49.66 | 49.62 | 0.27 | ppb |
| Copper | 63-2 | 499.87 | 510.17 | 513.69 | 507.91 | 1.41 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 2788.41 | 2821.88 | 2727.43 | 2779.24 | 1.72 | ppb |
| Iron | 57-2 | 2909.79 | 2909.83 | 2869.93 | 2896.51 | 0.79 | ppb |
| Iron | 54-2 | 2951.21 | 2966.68 | 2925.38 | 2947.76 | 0.71 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S3 | Instrumnet Name : | P7 |
| Client Sample ID : | S3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:04:15 | DataFile Name : | 013CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 227.35 | 232.28 | 223.69 | 227.77 | 1.89 | ppb |
| Lead | 207-1 | 224.41 | 230.38 | 221.28 | 225.36 | 2.05 | ppb |
| Lead | 208-1 | 234.58 | 238.47 | 231.13 | 234.73 | 1.56 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 5005.07 | 5159.66 | 4871.85 | 5012.19 | 2.87 | ppb |
| Manganese | 55-2 | 503.71 | 507.27 | 499.40 | 503.46 | 0.78 | ppb |
| Molybdenum | 94-1 | 482.46 | 490.39 | 492.24 | 488.36 | 1.06 | ppb |
| Molybdenum | 95-1 | 482.06 | 490.80 | 483.54 | 485.46 | 0.96 | ppb |
| Molybdenum | 96-1 | 484.39 | 495.43 | 489.17 | 489.66 | 1.13 | ppb |
| Molybdenum | 97-1 | 486.15 | 488.31 | 491.74 | 488.74 | 0.58 | ppb |
| Molybdenum | 98-1 | 480.46 | 492.33 | 493.35 | 488.71 | 1.47 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 67.68 | 67.95 | 68.56 | 68.06 | 0.67 | ppb |
| Phosphorus | 31-2 | 1025.67 | 1018.99 | 973.17 | 1005.94 | 2.84 | ppb |
| Potassium | 39-2 | 2633.21 | 2687.02 | 2643.64 | 2654.62 | 1.08 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 49.32 | 49.42 | 50.74 | 49.83 | 1.60 | ppb |
| Selenium | 77-2 | 48.55 | 51.71 | 59.52 | 53.26 | 10.60 | ppb |
| Selenium | 78-2 | 48.41 | 52.95 | 54.06 | 51.81 | 5.78 | ppb |
| Silicon | 28-1 | 54.64 | 58.15 | 58.01 | 56.93 | 3.49 | ppb |
| Silver | 107-1 | 53.04 | 53.86 | 52.72 | 53.21 | 1.11 | ppb |
| Silver | 109-1 | 52.49 | 53.03 | 52.58 | 52.70 | 0.55 | ppb |
| Sodium | 23-2 | 5160.25 | 5125.36 | 4890.46 | 5058.69 | 2.90 | ppb |
| Strontium | 86-1 | 48.47 | 48.28 | 49.05 | 48.60 | 0.82 | ppb |
| Strontium | 88-1 | 48.56 | 49.77 | 49.60 | 49.31 | 1.33 | ppb |
| Sulfur | 34-1 | 1162.31 | 1354.18 | 1390.75 | 1302.41 | 9.42 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 45.44 | 46.53 | 45.09 | 45.69 | 1.64 | ppb |
| Thallium | 205-1 | 45.47 | 46.30 | 45.30 | 45.69 | 1.17 | ppb |
| Tin | 118-1 | 51.53 | 51.52 | 51.10 | 51.39 | 0.48 | ppb |
| Titanium | 47-1 | 485.00 | 502.29 | 507.81 | 498.37 | 2.39 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S3 | Instrumnet Name : | P7 |
| Client Sample ID : | S3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:04:15 | DataFile Name : | 013CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43.10 | 44.45 | 42.67 | 43.41 | 2.14 | ppb |
| Vanadium | 51-2 | 48.92 | 50.32 | 49.60 | 49.61 | 1.41 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 514.37 | 518.77 | 509.82 | 514.32 | 0.87 | ppb |
| Zirconium | 90-1 | 47.88 | 48.72 | 48.82 | 48.47 | 1.06 | ppb |
| Zirconium | 91-1 | 48.22 | 48.80 | 48.74 | 48.59 | 0.65 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S4 | Instrumnet Name : | P7 |
| Client Sample ID : | S4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:07:29 | DataFile Name : | 014CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2614.56 | 2624.64 | 2604.46 | 2614.56 | 0.39 | ppb |
| Antimony | 121-1 | 128.36 | 127.12 | 127.72 | 127.73 | 0.49 | ppb |
| Arsenic | 75-2 | 128.63 | 123.30 | 125.28 | 125.74 | 2.14 | ppb |
| Barium | 135-1 | 633.00 | 614.36 | 620.42 | 622.59 | 1.53 | ppb |
| Barium | 137-1 | 634.25 | 611.62 | 623.67 | 623.18 | 1.82 | ppb |
| Beryllium | 9-1 | 131.41 | 131.45 | 130.56 | 131.14 | 0.38 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 133.28 | 130.49 | 133.48 | 132.41 | 1.26 | ppb |
| Cadmium | 106-1 | 132.58 | 129.52 | 129.61 | 130.57 | 1.33 | ppb |
| Cadmium | 111-1 | 132.47 | 130.26 | 133.25 | 131.99 | 1.17 | ppb |
| Calcium | 43-1 | 13574.83 | 13756.38 | 13968.44 | 13766.55 | 1.43 | ppb |
| Calcium | 44-1 | 12879.41 | 12992.10 | 13208.05 | 13026.52 | 1.28 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 148.85 | 147.61 | 148.00 | 148.15 | 0.43 | ppb |
| Cobalt | 59-2 | 127.53 | 126.16 | 127.19 | 126.96 | 0.56 | ppb |
| Copper | 63-2 | 1291.47 | 1268.38 | 1281.02 | 1280.29 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 7005.92 | 6797.46 | 6874.36 | 6892.58 | 1.53 | ppb |
| Iron | 57-2 | 7228.69 | 7053.58 | 7180.97 | 7154.41 | 1.27 | ppb |
| Iron | 54-2 | 7354.56 | 7253.10 | 7219.64 | 7275.76 | 0.97 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S4 | Instrumnet Name : | P7 |
| Client Sample ID : | S4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:07:29 | DataFile Name : | 014CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 625.61 | 628.36 | 633.52 | 629.16 | 0.64 | ppb |
| Lead | 207-1 | 626.59 | 602.77 | 616.78 | 615.38 | 1.95 | ppb |
| Lead | 208-1 | 623.10 | 617.01 | 627.74 | 622.61 | 0.86 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 12999.98 | 12465.62 | 12787.19 | 12750.93 | 2.11 | ppb |
| Manganese | 55-2 | 1285.87 | 1277.13 | 1276.63 | 1279.88 | 0.41 | ppb |
| Molybdenum | 94-1 | 1238.55 | 1236.25 | 1217.12 | 1230.64 | 0.96 | ppb |
| Molybdenum | 95-1 | 1270.23 | 1234.64 | 1206.65 | 1237.17 | 2.58 | ppb |
| Molybdenum | 96-1 | 1243.19 | 1218.01 | 1223.96 | 1228.39 | 1.07 | ppb |
| Molybdenum | 97-1 | 1249.57 | 1261.39 | 1252.74 | 1254.57 | 0.49 | ppb |
| Molybdenum | 98-1 | 1240.84 | 1232.99 | 1190.75 | 1221.53 | 2.21 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 143.86 | 143.39 | 143.88 | 143.71 | 0.19 | ppb |
| Phosphorus | 31-2 | 2546.71 | 2508.63 | 2586.10 | 2547.15 | 1.52 | ppb |
| Potassium | 39-2 | 6490.40 | 6469.97 | 6584.65 | 6515.01 | 0.94 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 130.85 | 130.22 | 127.56 | 129.54 | 1.35 | ppb |
| Selenium | 77-2 | 134.59 | 122.13 | 126.20 | 127.64 | 4.98 | ppb |
| Selenium | 78-2 | 136.55 | 128.81 | 125.29 | 130.22 | 4.42 | ppb |
| Silicon | 28-1 | 135.74 | 138.24 | 140.50 | 138.16 | 1.72 | ppb |
| Silver | 107-1 | 132.80 | 131.27 | 132.95 | 132.34 | 0.70 | ppb |
| Silver | 109-1 | 132.93 | 129.11 | 131.75 | 131.26 | 1.49 | ppb |
| Sodium | 23-2 | 12980.46 | 13153.80 | 13190.07 | 13108.11 | 0.85 | ppb |
| Strontium | 86-1 | 124.27 | 123.94 | 123.90 | 124.03 | 0.17 | ppb |
| Strontium | 88-1 | 127.56 | 127.17 | 124.08 | 126.27 | 1.51 | ppb |
| Sulfur | 34-1 | 2677.42 | 2826.65 | 2799.58 | 2767.88 | 2.87 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 119.56 | 120.44 | 118.12 | 119.37 | 0.98 | ppb |
| Thallium | 205-1 | 117.70 | 118.44 | 117.39 | 117.84 | 0.46 | ppb |
| Tin | 118-1 | 129.05 | 125.47 | 127.51 | 127.35 | 1.41 | ppb |
| Titanium | 47-1 | 1268.88 | 1314.06 | 1312.21 | 1298.38 | 1.97 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S4 | Instrumnet Name : | P7 |
| Client Sample ID : | S4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:07:29 | DataFile Name : | 014CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 121.45 | 111.25 | 122.93 | 118.55 | 5.36 | ppb |
| Vanadium | 51-2 | 125.88 | 126.75 | 125.83 | 126.16 | 0.41 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 1306.27 | 1308.04 | 1314.36 | 1309.56 | 0.32 | ppb |
| Zirconium | 90-1 | 124.82 | 123.72 | 122.74 | 123.76 | 0.84 | ppb |
| Zirconium | 91-1 | 125.30 | 124.62 | 122.61 | 124.18 | 1.13 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S5 | Instrumnet Name : | P7 |
| Client Sample ID : | S5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:10:30 | DataFile Name : | 015CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5164.61 | 5129.38 | 5155.52 | 5149.84 | 0.36 | ppb |
| Antimony | 121-1 | 241.06 | 245.71 | 249.89 | 245.56 | 1.80 | ppb |
| Arsenic | 75-2 | 246.95 | 247.14 | 247.07 | 247.05 | 0.04 | ppb |
| Barium | 135-1 | 1177.85 | 1208.97 | 1213.62 | 1200.14 | 1.62 | ppb |
| Barium | 137-1 | 1212.15 | 1238.67 | 1221.34 | 1224.05 | 1.10 | ppb |
| Beryllium | 9-1 | 252.98 | 250.57 | 253.66 | 252.40 | 0.64 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 246.13 | 251.75 | 253.62 | 250.50 | 1.56 | ppb |
| Cadmium | 106-1 | 242.46 | 254.99 | 256.86 | 251.43 | 3.11 | ppb |
| Cadmium | 111-1 | 246.99 | 254.72 | 254.75 | 252.16 | 1.77 | ppb |
| Calcium | 43-1 | 26758.88 | 26944.54 | 26799.81 | 26834.41 | 0.36 | ppb |
| Calcium | 44-1 | 25143.93 | 25721.23 | 25341.56 | 25402.24 | 1.15 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 289.10 | 288.39 | 289.90 | 289.13 | 0.26 | ppb |
| Cobalt | 59-2 | 248.31 | 246.38 | 251.38 | 248.69 | 1.01 | ppb |
| Copper | 63-2 | 2598.07 | 2481.35 | 2542.62 | 2540.68 | 2.30 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 13649.64 | 13781.92 | 13652.22 | 13694.60 | 0.55 | ppb |
| Iron | 57-2 | 14077.24 | 13969.46 | 14115.07 | 14053.92 | 0.54 | ppb |
| Iron | 54-2 | 13995.43 | 13551.50 | 14087.95 | 13878.29 | 2.07 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S5 | Instrumnet Name : | P7 |
| Client Sample ID : | S5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:10:30 | DataFile Name : | 015CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1234.99 | 1276.57 | 1224.61 | 1245.39 | 2.21 | ppb |
| Lead | 207-1 | 1222.73 | 1233.32 | 1214.62 | 1223.56 | 0.77 | ppb |
| Lead | 208-1 | 1223.56 | 1252.63 | 1222.82 | 1233.00 | 1.38 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 25288.34 | 25002.44 | 25151.07 | 25147.28 | 0.57 | ppb |
| Manganese | 55-2 | 2509.85 | 2461.43 | 2555.83 | 2509.04 | 1.88 | ppb |
| Molybdenum | 94-1 | 2404.91 | 2445.55 | 2449.05 | 2433.17 | 1.01 | ppb |
| Molybdenum | 95-1 | 2435.73 | 2410.81 | 2464.15 | 2436.90 | 1.10 | ppb |
| Molybdenum | 96-1 | 2438.15 | 2479.98 | 2441.62 | 2453.25 | 0.95 | ppb |
| Molybdenum | 97-1 | 2465.74 | 2437.87 | 2471.31 | 2458.31 | 0.73 | ppb |
| Molybdenum | 98-1 | 2482.79 | 2428.25 | 2490.11 | 2467.05 | 1.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 279.62 | 274.09 | 282.39 | 278.70 | 1.52 | ppb |
| Phosphorus | 31-2 | 5081.30 | 4995.80 | 5023.54 | 5033.55 | 0.87 | ppb |
| Potassium | 39-2 | 12835.72 | 12645.13 | 12761.65 | 12747.50 | 0.75 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 251.78 | 256.53 | 255.15 | 254.48 | 0.96 | ppb |
| Selenium | 77-2 | 248.38 | 248.89 | 264.18 | 253.82 | 3.54 | ppb |
| Selenium | 78-2 | 264.01 | 257.21 | 244.57 | 255.26 | 3.86 | ppb |
| Silicon | 28-1 | 262.58 | 264.49 | 261.97 | 263.01 | 0.50 | ppb |
| Silver | 107-1 | 248.91 | 252.23 | 257.93 | 253.02 | 1.80 | ppb |
| Silver | 109-1 | 244.61 | 249.43 | 249.65 | 247.90 | 1.15 | ppb |
| Sodium | 23-2 | 25599.43 | 25896.52 | 25427.44 | 25641.13 | 0.93 | ppb |
| Strontium | 86-1 | 243.08 | 243.42 | 247.93 | 244.81 | 1.11 | ppb |
| Strontium | 88-1 | 242.29 | 247.36 | 246.54 | 245.39 | 1.11 | ppb |
| Sulfur | 34-1 | 4997.21 | 5225.36 | 4961.81 | 5061.46 | 2.83 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 96 | | % |
| Thallium | 203-1 | 236.18 | 239.72 | 232.89 | 236.26 | 1.44 | ppb |
| Thallium | 205-1 | 249.78 | 249.86 | 238.05 | 245.89 | 2.76 | ppb |
| Tin | 118-1 | 243.69 | 249.29 | 248.65 | 247.21 | 1.24 | ppb |
| Titanium | 47-1 | 2403.95 | 2548.93 | 2475.88 | 2476.26 | 2.93 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S5 | Instrumnet Name : | P7 |
| Client Sample ID : | S5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:10:30 | DataFile Name : | 015CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 245.26 | 249.55 | 239.95 | 244.92 | 1.96 | ppb |
| Vanadium | 51-2 | 247.93 | 246.81 | 248.74 | 247.83 | 0.39 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 2564.11 | 2545.60 | 2568.83 | 2559.51 | 0.48 | ppb |
| Zirconium | 90-1 | 244.79 | 243.86 | 246.80 | 245.15 | 0.61 | ppb |
| Zirconium | 91-1 | 243.80 | 242.46 | 248.09 | 244.78 | 1.20 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S6 | Instrumnet Name : | P7 |
| Client Sample ID : | S6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:13:30 | DataFile Name : | 016CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10202.34 | 10198.67 | 10136.65 | 10179.22 | 0.36 | ppb |
| Antimony | 121-1 | 499.79 | 496.72 | 503.42 | 499.98 | 0.67 | ppb |
| Arsenic | 75-2 | 492.88 | 497.01 | 502.27 | 497.39 | 0.95 | ppb |
| Barium | 135-1 | 2475.32 | 2438.20 | 2502.65 | 2472.06 | 1.31 | ppb |
| Barium | 137-1 | 2414.78 | 2436.45 | 2537.06 | 2462.76 | 2.65 | ppb |
| Beryllium | 9-1 | 502.98 | 505.44 | 510.62 | 506.35 | 0.77 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 496.33 | 490.44 | 502.87 | 496.55 | 1.25 | ppb |
| Cadmium | 106-1 | 504.95 | 495.18 | 506.29 | 502.14 | 1.21 | ppb |
| Cadmium | 111-1 | 502.05 | 496.06 | 502.92 | 500.34 | 0.75 | ppb |
| Calcium | 43-1 | 53649.05 | 53199.98 | 53947.11 | 53598.71 | 0.70 | ppb |
| Calcium | 44-1 | 50309.23 | 50551.76 | 50567.36 | 50476.12 | 0.29 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 525.74 | 525.34 | 515.08 | 522.06 | 1.16 | ppb |
| Cobalt | 59-2 | 498.69 | 500.31 | 487.23 | 495.41 | 1.44 | ppb |
| Copper | 63-2 | 5079.97 | 5014.25 | 4956.63 | 5016.95 | 1.23 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 26998.27 | 27232.36 | 26918.67 | 27049.77 | 0.60 | ppb |
| Iron | 57-2 | 26568.46 | 26777.57 | 26707.38 | 26684.47 | 0.40 | ppb |
| Iron | 54-2 | 26877.77 | 26989.31 | 26581.27 | 26816.12 | 0.79 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S6 | Instrumnet Name : | P7 |
| Client Sample ID : | S6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:13:30 | DataFile Name : | 016CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2427.97 | 2419.18 | 2532.07 | 2459.74 | 2.55 | ppb |
| Lead | 207-1 | 2406.57 | 2404.30 | 2465.51 | 2425.46 | 1.43 | ppb |
| Lead | 208-1 | 2412.08 | 2452.30 | 2505.24 | 2456.54 | 1.90 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 50021.19 | 50754.30 | 49745.16 | 50173.55 | 1.04 | ppb |
| Manganese | 55-2 | 4990.78 | 4933.25 | 5047.12 | 4990.38 | 1.14 | ppb |
| Molybdenum | 94-1 | 4941.62 | 5017.29 | 5017.40 | 4992.10 | 0.88 | ppb |
| Molybdenum | 95-1 | 5042.49 | 5046.00 | 4953.14 | 5013.88 | 1.05 | ppb |
| Molybdenum | 96-1 | 4930.50 | 5062.05 | 4891.07 | 4961.20 | 1.80 | ppb |
| Molybdenum | 97-1 | 4910.17 | 4957.45 | 5006.38 | 4958.00 | 0.97 | ppb |
| Molybdenum | 98-1 | 4898.39 | 4993.19 | 5035.64 | 4975.74 | 1.41 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 524.22 | 520.08 | 516.56 | 520.29 | 0.74 | ppb |
| Phosphorus | 31-2 | 9936.40 | 10028.62 | 9800.97 | 9921.99 | 1.15 | ppb |
| Potassium | 39-2 | 25085.17 | 25022.46 | 25133.16 | 25080.26 | 0.22 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 505.97 | 507.32 | 510.36 | 507.88 | 0.44 | ppb |
| Selenium | 77-2 | 496.94 | 492.84 | 514.23 | 501.34 | 2.26 | ppb |
| Selenium | 78-2 | 504.33 | 511.99 | 503.10 | 506.47 | 0.95 | ppb |
| Silicon | 28-1 | 529.64 | 522.79 | 528.44 | 526.96 | 0.69 | ppb |
| Silver | 107-1 | 505.60 | 498.50 | 510.57 | 504.89 | 1.20 | ppb |
| Silver | 109-1 | 495.80 | 492.50 | 507.32 | 498.54 | 1.56 | ppb |
| Sodium | 23-2 | 51091.13 | 50658.45 | 51087.91 | 50945.83 | 0.49 | ppb |
| Strontium | 86-1 | 492.14 | 491.86 | 497.60 | 493.87 | 0.65 | ppb |
| Strontium | 88-1 | 499.55 | 500.63 | 495.62 | 498.60 | 0.53 | ppb |
| Sulfur | 34-1 | 10277.29 | 9955.09 | 10157.42 | 10129.93 | 1.61 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 484.61 | 493.58 | 503.16 | 493.78 | 1.88 | ppb |
| Thallium | 205-1 | 494.30 | 494.99 | 497.22 | 495.50 | 0.31 | ppb |
| Tin | 118-1 | 494.49 | 503.11 | 510.47 | 502.69 | 1.59 | ppb |
| Titanium | 47-1 | 4981.15 | 5096.21 | 4976.85 | 5018.07 | 1.35 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S6 | Instrumnet Name : | P7 |
| Client Sample ID : | S6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:13:30 | DataFile Name : | 016CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 471.92 | 491.87 | 497.90 | 487.23 | 2.79 | ppb |
| Vanadium | 51-2 | 498.94 | 498.74 | 494.39 | 497.36 | 0.52 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 5100.35 | 5103.19 | 4987.26 | 5063.60 | 1.31 | ppb |
| Zirconium | 90-1 | 495.15 | 491.51 | 503.31 | 496.66 | 1.22 | ppb |
| Zirconium | 91-1 | 493.36 | 496.14 | 498.82 | 496.11 | 0.55 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S7 | Instrumnet Name : | P7 |
| Client Sample ID : | S7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:16:18 | DataFile Name : | 017CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20685.74 | 20822.25 | 21081.49 | 20863.16 | 0.96 | ppb |
| Antimony | 121-1 | 977.59 | 1025.78 | 998.83 | 1000.73 | 2.41 | ppb |
| Arsenic | 75-2 | 993.75 | 1010.27 | 1001.69 | 1001.90 | 0.82 | ppb |
| Barium | 135-1 | 4988.86 | 5097.88 | 4993.53 | 5026.76 | 1.23 | ppb |
| Barium | 137-1 | 5052.43 | 4900.96 | 5122.83 | 5025.41 | 2.26 | ppb |
| Beryllium | 9-1 | 972.20 | 998.55 | 1015.33 | 995.36 | 2.18 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 985.70 | 1011.25 | 1004.69 | 1000.55 | 1.33 | ppb |
| Cadmium | 106-1 | 988.06 | 997.90 | 1007.32 | 997.76 | 0.96 | ppb |
| Cadmium | 111-1 | 980.25 | 1010.45 | 1004.06 | 998.25 | 1.59 | ppb |
| Calcium | 43-1 | 104530.82 | 104064.90 | 106638.74 | 105078.15 | 1.31 | ppb |
| Calcium | 44-1 | 100978.35 | 102601.22 | 101972.85 | 101850.81 | 0.80 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 972.44 | 977.75 | 975.14 | 975.11 | 0.27 | ppb |
| Cobalt | 59-2 | 1000.82 | 1005.24 | 1001.12 | 1002.39 | 0.25 | ppb |
| Copper | 63-2 | 10014.08 | 10029.62 | 9887.82 | 9977.17 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 52531.52 | 53378.88 | 53245.00 | 53051.80 | 0.86 | ppb |
| Iron | 57-2 | 53711.71 | 53399.72 | 53292.34 | 53467.92 | 0.41 | ppb |
| Iron | 54-2 | 54060.97 | 53963.52 | 53833.80 | 53952.76 | 0.21 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S7 | Instrumnet Name : | P7 |
| Client Sample ID : | S7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:16:18 | DataFile Name : | 017CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4990.66 | 5022.27 | 5052.69 | 5021.87 | 0.62 | ppb |
| Lead | 207-1 | 4900.98 | 5083.88 | 5154.09 | 5046.32 | 2.59 | ppb |
| Lead | 208-1 | 4898.01 | 5049.70 | 5133.42 | 5027.04 | 2.37 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 100828.29 | 101232.68 | 101278.68 | 101113.22 | 0.25 | ppb |
| Manganese | 55-2 | 9863.32 | 10050.53 | 10082.08 | 9998.64 | 1.18 | ppb |
| Molybdenum | 94-1 | 9943.70 | 10120.52 | 10006.76 | 10023.66 | 0.89 | ppb |
| Molybdenum | 95-1 | 9822.54 | 10149.39 | 10061.57 | 10011.17 | 1.69 | ppb |
| Molybdenum | 96-1 | 9768.39 | 10156.95 | 10177.57 | 10034.30 | 2.30 | ppb |
| Molybdenum | 97-1 | 9817.84 | 10299.54 | 9976.86 | 10031.42 | 2.45 | ppb |
| Molybdenum | 98-1 | 9958.28 | 10066.88 | 10048.31 | 10024.49 | 0.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 972.56 | 982.24 | 983.51 | 979.44 | 0.61 | ppb |
| Phosphorus | 31-2 | 20057.01 | 20076.48 | 19939.78 | 20024.43 | 0.37 | ppb |
| Potassium | 39-2 | 49626.08 | 50078.67 | 49937.12 | 49880.62 | 0.46 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 973.63 | 1014.39 | 995.12 | 994.38 | 2.05 | ppb |
| Selenium | 77-2 | 1014.26 | 995.09 | 984.27 | 997.88 | 1.52 | ppb |
| Selenium | 78-2 | 988.29 | 1002.89 | 992.95 | 994.71 | 0.75 | ppb |
| Silicon | 28-1 | 969.77 | 980.05 | 994.30 | 981.37 | 1.26 | ppb |
| Silver | 107-1 | 979.03 | 1013.18 | 994.96 | 995.72 | 1.72 | ppb |
| Silver | 109-1 | 1002.11 | 1014.11 | 984.80 | 1000.34 | 1.47 | ppb |
| Sodium | 23-2 | 102175.47 | 103608.15 | 103810.77 | 103198.13 | 0.86 | ppb |
| Strontium | 86-1 | 983.45 | 1016.44 | 1013.77 | 1004.56 | 1.82 | ppb |
| Strontium | 88-1 | 980.25 | 1014.42 | 1010.52 | 1001.73 | 1.87 | ppb |
| Sulfur | 34-1 | 19558.50 | 20128.61 | 19926.08 | 19871.06 | 1.45 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 999.89 | 982.71 | 1039.79 | 1007.46 | 2.91 | ppb |
| Thallium | 205-1 | 983.05 | 1002.67 | 1027.44 | 1004.38 | 2.21 | ppb |
| Tin | 118-1 | 977.03 | 991.13 | 1028.80 | 998.99 | 2.68 | ppb |
| Titanium | 47-1 | 9786.63 | 10082.00 | 10104.18 | 9990.94 | 1.77 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S7 | Instrumnet Name : | P7 |
| Client Sample ID : | S7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:16:18 | DataFile Name : | 017CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 964.33 | 1008.32 | 1053.73 | 1008.79 | 4.43 | ppb |
| Vanadium | 51-2 | 995.85 | 1021.89 | 987.47 | 1001.74 | 1.79 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 9863.23 | 9945.32 | 10026.92 | 9945.16 | 0.82 | ppb |
| Zirconium | 90-1 | 982.39 | 1016.19 | 1010.77 | 1003.12 | 1.81 | ppb |
| Zirconium | 91-1 | 988.40 | 1024.58 | 997.30 | 1003.42 | 1.88 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S8 | Instrumnet Name : | P7 |
| Client Sample ID : | S8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:19:08 | DataFile Name : | 018CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 100735.56 | 99537.40 | 99123.55 | 99798.83 | 0.84 | ppb |
| Antimony | 121-1 | 1.94 | 1.95 | 2.09 | 1.99 | 4.13 | ppb |
| Arsenic | 75-2 | 1.53 | 1.32 | 1.34 | 1.39 | 8.43 | ppb |
| Barium | 135-1 | 7.56 | 7.97 | 8.49 | 8.01 | 5.82 | ppb |
| Barium | 137-1 | 7.75 | 7.92 | 8.11 | 7.93 | 2.32 | ppb |
| Beryllium | 9-1 | 0.37 | 0.37 | 0.31 | 0.35 | 8.81 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.68 | 0.44 | 0.39 | 0.50 | 31.42 | ppb |
| Cadmium | 106-1 | -0.66 | -0.09 | 0.35 | -0.13 | | ppb |
| Cadmium | 111-1 | 0.34 | 0.44 | 0.44 | 0.41 | 14.44 | ppb |
| Calcium | 43-1 | 499047.45 | 507689.33 | 488758.26 | 498498.35 | 1.90 | ppb |
| Calcium | 44-1 | 504234.15 | 503684.26 | 490719.06 | 499545.82 | 1.53 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 14.94 | 14.52 | 14.70 | 14.72 | 1.40 | ppb |
| Cobalt | 59-2 | 3.18 | 3.32 | 3.27 | 3.26 | 2.25 | ppb |
| Copper | 63-2 | 2.78 | 2.71 | 2.73 | 2.74 | 1.25 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 250460.26 | 249539.07 | 247318.89 | 249106.07 | 0.65 | ppb |
| Iron | 57-2 | 248876.07 | 250519.44 | 247705.57 | 249033.70 | 0.57 | ppb |
| Iron | 54-2 | 249833.03 | 248279.33 | 248674.03 | 248928.80 | 0.32 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S8 | Instrumnet Name : | P7 |
| Client Sample ID : | S8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:19:08 | DataFile Name : | 018CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1.72 | 1.99 | 1.83 | 1.85 | 7.34 | ppb |
| Lead | 207-1 | 1.81 | 1.90 | 1.74 | 1.81 | 4.39 | ppb |
| Lead | 208-1 | 1.76 | 1.91 | 1.85 | 1.84 | 4.04 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 495695.93 | 505181.23 | 498361.43 | 499746.20 | 0.98 | ppb |
| Manganese | 55-2 | 8.58 | 8.35 | 8.46 | 8.46 | 1.36 | ppb |
| Molybdenum | 94-1 | 4.65 | 4.64 | 4.73 | 4.68 | 1.07 | ppb |
| Molybdenum | 95-1 | 3.75 | 3.68 | 3.46 | 3.63 | 4.17 | ppb |
| Molybdenum | 96-1 | 4.82 | 4.81 | 4.81 | 4.82 | 0.08 | ppb |
| Molybdenum | 97-1 | 3.86 | 3.81 | 3.81 | 3.82 | 0.76 | ppb |
| Molybdenum | 98-1 | 3.61 | 3.68 | 3.61 | 3.63 | 1.12 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 10.86 | 11.07 | 10.86 | 10.93 | 1.13 | ppb |
| Phosphorus | 31-2 | -17.46 | -11.39 | -19.99 | -16.28 | | ppb |
| Potassium | 39-2 | 248531.39 | 246283.13 | 255170.91 | 249995.14 | 1.85 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 101 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 0.28 | 0.65 | 0.61 | 0.52 | 39.88 | ppb |
| Selenium | 77-2 | 1.71 | 1.67 | 2.10 | 1.83 | 13.04 | ppb |
| Selenium | 78-2 | 1.12 | -0.76 | -0.43 | -0.03 | | ppb |
| Silicon | 28-1 | 1.13 | 1.90 | 1.37 | 1.46 | 27.00 | ppb |
| Silver | 107-1 | 0.80 | 0.77 | 0.83 | 0.80 | 3.65 | ppb |
| Silver | 109-1 | 0.77 | 0.78 | 0.77 | 0.77 | 0.87 | ppb |
| Sodium | 23-2 | 498236.44 | 498830.46 | 500586.77 | 499217.89 | 0.24 | ppb |
| Strontium | 86-1 | 12.81 | 13.07 | 12.48 | 12.79 | 2.28 | ppb |
| Strontium | 88-1 | 12.88 | 12.91 | 12.62 | 12.80 | 1.25 | ppb |
| Sulfur | 34-1 | -29.28 | 234.66 | 84.13 | 96.50 | 137.20 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 1.32 | 1.43 | 1.37 | 1.38 | 3.81 | ppb |
| Thallium | 205-1 | 1.33 | 1.41 | 1.39 | 1.38 | 2.66 | ppb |
| Tin | 118-1 | 1.13 | 1.14 | 1.20 | 1.16 | 3.01 | ppb |
| Titanium | 47-1 | 1.50 | 1.52 | 1.67 | 1.56 | 5.89 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S8 | Instrumnet Name : | P7 |
| Client Sample ID : | S8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:19:08 | DataFile Name : | 018CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.03 | 0.04 | 0.02 | 0.03 | 19.57 | ppb |
| Vanadium | 51-2 | 1.77 | 1.68 | 1.77 | 1.74 | 3.11 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 14.21 | 14.14 | 14.22 | 14.19 | 0.29 | ppb |
| Zirconium | 90-1 | 0.88 | 0.91 | 0.84 | 0.88 | 3.83 | ppb |
| Zirconium | 91-1 | 0.87 | 0.91 | 0.88 | 0.89 | 2.26 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:38:28 | DataFile Name : | 021ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1534.75 | 1557.45 | 1522.03 | 1538.08 | 1.17 | ppb |
| Antimony | 121-1 | 412.69 | 428.94 | 424.98 | 422.20 | 2.01 | ppb |
| Arsenic | 75-2 | 363.43 | 362.94 | 358.53 | 361.63 | 0.75 | ppb |
| Barium | 135-1 | 1650.12 | 1707.30 | 1679.40 | 1678.94 | 1.70 | ppb |
| Barium | 137-1 | 1608.09 | 1643.31 | 1673.98 | 1641.79 | 2.01 | ppb |
| Beryllium | 9-1 | 43.28 | 41.51 | 43.95 | 42.91 | 2.94 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 189.36 | 194.84 | 196.68 | 193.63 | 1.97 | ppb |
| Cadmium | 106-1 | 193.80 | 190.38 | 193.44 | 192.54 | 0.98 | ppb |
| Cadmium | 111-1 | 212.90 | 219.47 | 211.12 | 214.50 | 2.05 | ppb |
| Calcium | 43-1 | 4238.67 | 4179.67 | 4289.46 | 4235.93 | 1.30 | ppb |
| Calcium | 44-1 | 4258.17 | 4230.95 | 4292.42 | 4260.51 | 0.72 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 159.28 | 160.65 | 158.86 | 159.60 | 0.59 | ppb |
| Cobalt | 59-2 | 414.97 | 403.85 | 397.84 | 405.55 | 2.14 | ppb |
| Copper | 63-2 | 188.72 | 190.59 | 188.01 | 189.11 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 862.92 | 837.18 | 843.93 | 848.01 | 1.57 | ppb |
| Iron | 57-2 | 869.53 | 863.95 | 856.55 | 863.34 | 0.75 | ppb |
| Iron | 54-2 | 989.16 | 986.59 | 987.37 | 987.70 | 0.13 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:38:28 | DataFile Name : | 021ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 365.71 | 368.50 | 375.48 | 369.90 | 1.36 | ppb |
| Lead | 207-1 | 358.60 | 359.80 | 370.67 | 363.02 | 1.83 | ppb |
| Lead | 208-1 | 379.33 | 377.94 | 391.64 | 382.97 | 1.97 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 3723.06 | 3745.45 | 3702.58 | 3723.70 | 0.58 | ppb |
| Manganese | 55-2 | 364.56 | 363.37 | 360.24 | 362.73 | 0.61 | ppb |
| Molybdenum | 94-1 | 0.45 | 0.43 | 0.45 | 0.44 | 2.85 | ppb |
| Molybdenum | 95-1 | 0.50 | 0.55 | 0.55 | 0.53 | 5.41 | ppb |
| Molybdenum | 96-1 | 0.47 | 0.50 | 0.54 | 0.51 | 6.90 | ppb |
| Molybdenum | 97-1 | 0.45 | 0.48 | 0.52 | 0.48 | 7.16 | ppb |
| Molybdenum | 98-1 | 0.46 | 0.48 | 0.49 | 0.48 | 3.95 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 404.17 | 407.74 | 400.54 | 404.15 | 0.89 | ppb |
| Phosphorus | 31-2 | -28.03 | -13.94 | -16.05 | -19.34 | | ppb |
| Potassium | 39-2 | 4203.04 | 4120.26 | 4015.93 | 4113.08 | 2.28 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 407.11 | 416.46 | 427.94 | 417.17 | 2.50 | ppb |
| Selenium | 77-2 | 416.75 | 413.68 | 432.95 | 421.13 | 2.46 | ppb |
| Selenium | 78-2 | 417.44 | 410.24 | 424.86 | 417.51 | 1.75 | ppb |
| Silicon | 28-1 | 0.51 | 0.45 | 0.63 | 0.53 | 17.23 | ppb |
| Silver | 107-1 | 211.41 | 214.43 | 212.07 | 212.64 | 0.75 | ppb |
| Silver | 109-1 | 205.72 | 212.40 | 207.58 | 208.56 | 1.65 | ppb |
| Sodium | 23-2 | 3984.06 | 4122.58 | 3996.13 | 4034.26 | 1.90 | ppb |
| Strontium | 86-1 | 0.02 | 0.05 | 0.10 | 0.06 | 67.23 | ppb |
| Strontium | 88-1 | 0.07 | 0.07 | 0.07 | 0.07 | 5.35 | ppb |
| Sulfur | 34-1 | 66.91 | -120.90 | -63.83 | -39.27 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 356.77 | 376.12 | 391.65 | 374.85 | 4.66 | ppb |
| Thallium | 205-1 | 381.69 | 390.12 | 395.73 | 389.18 | 1.82 | ppb |
| Tin | 118-1 | 0.42 | 0.41 | 0.44 | 0.42 | 3.51 | ppb |
| Titanium | 47-1 | 0.39 | 0.41 | 0.40 | 0.40 | 3.21 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:38:28 | DataFile Name : | 021ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.02 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 403.90 | 403.32 | 399.67 | 402.30 | 0.57 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 380.48 | 386.09 | 373.81 | 380.12 | 1.62 | ppb |
| Zirconium | 90-1 | 0.01 | 0.00 | 0.01 | 0.01 | 56.51 | ppb |
| Zirconium | 91-1 | 0.08 | 0.10 | 0.08 | 0.09 | 14.32 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | LLICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | LLICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:12:25 | DataFile Name : | 027LLIC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21.45 | 20.93 | 19.74 | 20.70 | 4.23 | ppb |
| Antimony | 121-1 | 2.03 | 2.06 | 2.17 | 2.09 | 3.53 | ppb |
| Arsenic | 75-2 | 1.29 | 1.11 | 1.19 | 1.20 | 7.43 | ppb |
| Barium | 135-1 | 9.60 | 9.54 | 10.06 | 9.73 | 2.92 | ppb |
| Barium | 137-1 | 9.53 | 9.62 | 9.77 | 9.64 | 1.24 | ppb |
| Beryllium | 9-1 | 1.06 | 1.08 | 1.18 | 1.11 | 5.96 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.98 | 0.84 | 0.59 | 0.81 | 24.44 | ppb |
| Cadmium | 106-1 | -1.43 | -2.38 | -0.90 | -1.57 | | ppb |
| Cadmium | 111-1 | 0.77 | 0.77 | 0.89 | 0.81 | 8.43 | ppb |
| Calcium | 43-1 | 519.47 | 521.82 | 538.35 | 526.55 | 1.95 | ppb |
| Calcium | 44-1 | 529.28 | 525.24 | 529.34 | 527.95 | 0.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.02 | 1.99 | 1.79 | 1.93 | 6.58 | ppb |
| Cobalt | 59-2 | 1.07 | 0.99 | 1.02 | 1.03 | 4.05 | ppb |
| Copper | 63-2 | 1.94 | 1.94 | 1.96 | 1.95 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 55.60 | 55.22 | 54.06 | 54.96 | 1.47 | ppb |
| Iron | 57-2 | 59.70 | 63.93 | 55.87 | 59.83 | 6.74 | ppb |
| Iron | 54-2 | 55.82 | 57.91 | 55.27 | 56.33 | 2.47 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | LLICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | LLICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:12:25 | DataFile Name : | 027LLIC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.79 | 0.82 | 0.81 | 0.81 | 1.40 | ppb |
| Lead | 207-1 | 0.82 | 0.84 | 0.85 | 0.84 | 1.35 | ppb |
| Lead | 208-1 | 0.82 | 0.84 | 0.81 | 0.82 | 2.14 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 479.88 | 482.68 | 475.19 | 479.25 | 0.79 | ppb |
| Manganese | 55-2 | 1.09 | 0.97 | 1.04 | 1.03 | 6.07 | ppb |
| Molybdenum | 94-1 | 5.63 | 5.68 | 5.31 | 5.54 | 3.61 | ppb |
| Molybdenum | 95-1 | 4.61 | 4.86 | 4.60 | 4.69 | 3.16 | ppb |
| Molybdenum | 96-1 | 4.72 | 4.88 | 4.73 | 4.78 | 1.89 | ppb |
| Molybdenum | 97-1 | 4.86 | 4.73 | 4.71 | 4.77 | 1.66 | ppb |
| Molybdenum | 98-1 | 4.70 | 4.87 | 4.73 | 4.77 | 1.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.18 | 1.06 | 0.98 | 1.07 | 9.63 | ppb |
| Phosphorus | 31-2 | 225.81 | 231.22 | 222.07 | 226.37 | 2.03 | ppb |
| Potassium | 39-2 | 528.70 | 529.36 | 512.80 | 523.62 | 1.79 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | 4.07 | 4.43 | 4.67 | 4.39 | 6.82 | ppb |
| Selenium | 77-2 | 5.08 | 5.93 | 5.67 | 5.56 | 7.84 | ppb |
| Selenium | 78-2 | 4.28 | 5.42 | 4.16 | 4.62 | 15.07 | ppb |
| Silicon | 28-1 | 1.14 | 2.21 | 1.02 | 1.46 | 44.95 | ppb |
| Silver | 107-1 | 1.10 | 1.10 | 1.11 | 1.10 | 0.50 | ppb |
| Silver | 109-1 | 1.08 | 1.12 | 1.09 | 1.10 | 1.94 | ppb |
| Sodium | 23-2 | 489.75 | 494.03 | 492.11 | 491.97 | 0.44 | ppb |
| Strontium | 86-1 | 0.94 | 0.93 | 0.96 | 0.94 | 1.51 | ppb |
| Strontium | 88-1 | 0.90 | 0.94 | 0.95 | 0.93 | 2.98 | ppb |
| Sulfur | 34-1 | 511.64 | 474.12 | 508.25 | 498.00 | 4.17 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 1.00 | 0.97 | 0.96 | 0.98 | 1.97 | ppb |
| Thallium | 205-1 | 0.91 | 0.98 | 0.94 | 0.95 | 3.79 | ppb |
| Tin | 118-1 | 4.93 | 5.14 | 5.08 | 5.05 | 2.18 | ppb |
| Titanium | 47-1 | 5.02 | 5.11 | 5.09 | 5.07 | 0.98 | ppb |

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Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | LLICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | LLICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:12:25 | DataFile Name : | 027LLIC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.81 | 0.82 | 0.84 | 0.82 | 1.89 | ppb |
| Vanadium | 51-2 | 4.84 | 4.94 | 5.00 | 4.93 | 1.65 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 5.66 | 5.68 | 5.74 | 5.69 | 0.69 | ppb |
| Zirconium | 90-1 | 0.95 | 0.98 | 0.95 | 0.96 | 1.81 | ppb |
| Zirconium | 91-1 | 0.88 | 0.99 | 0.98 | 0.95 | 6.05 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:16:49 | DataFile Name : | 028CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.13 | -0.44 | -0.35 | -0.22 | | ppb |
| Antimony | 121-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Arsenic | 75-2 | -0.02 | -0.01 | 0.00 | -0.01 | | ppb |
| Barium | 135-1 | -0.02 | -0.03 | -0.01 | -0.02 | | ppb |
| Barium | 137-1 | -0.01 | -0.02 | -0.01 | -0.02 | | ppb |
| Beryllium | 9-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.02 | 0.02 | -0.09 | -0.03 | | ppb |
| Cadmium | 106-1 | -1.42 | -0.87 | -1.69 | -1.32 | | ppb |
| Cadmium | 111-1 | -0.10 | -0.07 | -0.12 | -0.10 | | ppb |
| Calcium | 43-1 | 0.23 | 1.64 | -1.66 | 0.07 | 2241.35 | ppb |
| Calcium | 44-1 | 2.38 | 1.29 | 0.26 | 1.31 | 81.22 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.09 | -0.04 | -0.06 | -0.06 | | ppb |
| Cobalt | 59-2 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |
| Copper | 63-2 | -0.03 | 0.01 | -0.04 | -0.02 | | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | -0.10 | -0.01 | -0.16 | -0.09 | | ppb |
| Iron | 57-2 | 0.79 | 1.78 | 1.56 | 1.38 | 37.50 | ppb |
| Iron | 54-2 | 0.23 | -0.64 | 0.18 | -0.08 | | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:16:49 | DataFile Name : | 028CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.01 | 0.02 | 0.01 | 0.01 | 38.31 | ppb |
| Lead | 207-1 | 0.03 | 0.00 | 0.01 | 0.01 | 116.36 | ppb |
| Lead | 208-1 | 0.01 | 0.01 | 0.01 | 0.01 | 36.79 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | -0.29 | -0.53 | -0.16 | -0.33 | | ppb |
| Manganese | 55-2 | -0.05 | -0.05 | -0.04 | -0.05 | | ppb |
| Molybdenum | 94-1 | -0.01 | -0.02 | -0.04 | -0.02 | | ppb |
| Molybdenum | 95-1 | -0.01 | 0.00 | 0.01 | 0.00 | | ppb |
| Molybdenum | 96-1 | -0.03 | -0.03 | -0.03 | -0.03 | | ppb |
| Molybdenum | 97-1 | -0.05 | -0.03 | 0.00 | -0.03 | | ppb |
| Molybdenum | 98-1 | -0.04 | -0.03 | -0.02 | -0.03 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.14 | -0.10 | -0.03 | -0.09 | | ppb |
| Phosphorus | 31-2 | -31.01 | -4.38 | -30.77 | -22.05 | | ppb |
| Potassium | 39-2 | 3.73 | 6.78 | 4.38 | 4.96 | 32.43 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 0.08 | -0.40 | 0.39 | 0.02 | 1700.99 | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | -0.71 | -0.40 | 1.09 | -0.01 | | ppb |
| Silicon | 28-1 | 0.32 | 0.20 | 0.38 | 0.30 | 29.75 | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 4176.33 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Sodium | 23-2 | 6.98 | 8.15 | 6.81 | 7.31 | 10.02 | ppb |
| Strontium | 86-1 | -0.05 | 0.07 | 0.04 | 0.02 | 346.99 | ppb |
| Strontium | 88-1 | 0.00 | 0.00 | 0.00 | 0.00 | 179.89 | ppb |
| Sulfur | 34-1 | 251.88 | 206.92 | 203.82 | 220.88 | 12.18 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Tin | 118-1 | 0.01 | 0.01 | 0.05 | 0.03 | 99.98 | ppb |
| Titanium | 47-1 | 0.02 | 0.05 | 0.04 | 0.04 | 32.65 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:16:49 | DataFile Name : | 028CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | -0.09 | 0.03 | -0.06 | -0.04 | | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 1339.31 | ppb |
| Zirconium | 91-1 | -0.01 | 0.01 | 0.00 | 0.00 | | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSA01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:20:14 | DataFile Name : | 029ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 94430.70 | 95925.64 | 92849.99 | 94402.11 | 1.63 | ppb |
| Antimony | 121-1 | 1.14 | 1.21 | 1.20 | 1.18 | 3.26 | ppb |
| Arsenic | 75-2 | 0.43 | 0.41 | 0.40 | 0.41 | 2.98 | ppb |
| Barium | 135-1 | 1.36 | 1.35 | 1.40 | 1.37 | 2.06 | ppb |
| Barium | 137-1 | 1.43 | 1.46 | 1.40 | 1.43 | 2.00 | ppb |
| Beryllium | 9-1 | 0.31 | 0.36 | 0.34 | 0.34 | 6.61 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 8.56 | 7.41 | 8.39 | 8.12 | 7.64 | ppb |
| Cadmium | 106-1 | -2.09 | -1.07 | -1.35 | -1.50 | | ppb |
| Cadmium | 111-1 | 0.16 | 0.28 | 0.22 | 0.22 | 27.01 | ppb |
| Calcium | 43-1 | 102326.07 | 105149.85 | 103620.45 | 103698.79 | 1.36 | ppb |
| Calcium | 44-1 | 102828.55 | 102905.88 | 104623.61 | 103452.68 | 0.98 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 20.18 | 20.80 | 20.21 | 20.39 | 1.72 | ppb |
| Cobalt | 59-2 | 1.27 | 1.34 | 1.28 | 1.30 | 2.70 | ppb |
| Copper | 63-2 | 7.44 | 7.56 | 7.46 | 7.49 | 0.88 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 107375.69 | 106864.31 | 105826.04 | 106688.68 | 0.74 | ppb |
| Iron | 57-2 | 104456.05 | 106473.81 | 106298.93 | 105742.93 | 1.06 | ppb |
| Iron | 54-2 | 108093.73 | 107353.40 | 103292.54 | 106246.56 | 2.43 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSA01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:20:14 | DataFile Name : | 029ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4.79 | 4.68 | 4.57 | 4.68 | 2.30 | ppb |
| Lead | 207-1 | 4.22 | 4.29 | 4.13 | 4.21 | 1.86 | ppb |
| Lead | 208-1 | 4.35 | 4.35 | 4.26 | 4.32 | 1.19 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 96411.18 | 96838.54 | 96402.07 | 96550.60 | 0.26 | ppb |
| Manganese | 55-2 | 7.77 | 7.87 | 7.64 | 7.76 | 1.52 | ppb |
| Molybdenum | 94-1 | 1597.23 | 1622.79 | 1676.96 | 1632.33 | 2.49 | ppb |
| Molybdenum | 95-1 | 1972.51 | 1968.62 | 1974.65 | 1971.93 | 0.15 | ppb |
| Molybdenum | 96-1 | 1951.31 | 1927.46 | 1979.65 | 1952.81 | 1.34 | ppb |
| Molybdenum | 97-1 | 1963.69 | 1968.98 | 2021.61 | 1984.76 | 1.61 | ppb |
| Molybdenum | 98-1 | 1960.09 | 1986.90 | 2025.49 | 1990.83 | 1.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 5.40 | 5.28 | 5.84 | 5.51 | 5.35 | ppb |
| Phosphorus | 31-2 | 103110.04 | 105398.52 | 102958.36 | 103822.31 | 1.32 | ppb |
| Potassium | 39-2 | 102276.65 | 105318.52 | 103847.06 | 103814.08 | 1.47 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | -1.29 | -0.42 | -0.13 | -0.61 | | ppb |
| Selenium | 77-2 | -0.16 | 0.09 | 0.08 | 0.00 | 9314.01 | ppb |
| Selenium | 78-2 | -0.48 | -1.03 | -0.50 | -0.67 | | ppb |
| Silicon | 28-1 | 0.51 | 0.29 | 0.35 | 0.38 | 29.12 | ppb |
| Silver | 107-1 | 0.06 | 0.03 | 0.03 | 0.04 | 44.43 | ppb |
| Silver | 109-1 | 0.06 | 0.04 | 0.03 | 0.05 | 29.33 | ppb |
| Sodium | 23-2 | 103372.31 | 104655.34 | 104113.25 | 104046.97 | 0.62 | ppb |
| Strontium | 86-1 | 32.55 | 32.50 | 33.53 | 32.86 | 1.77 | ppb |
| Strontium | 88-1 | 32.47 | 32.78 | 33.86 | 33.04 | 2.21 | ppb |
| Sulfur | 34-1 | 104011.11 | 101765.07 | 104484.33 | 103420.17 | 1.40 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.05 | 0.06 | 0.09 | 0.07 | 28.05 | ppb |
| Thallium | 205-1 | 0.05 | 0.06 | 0.08 | 0.06 | 24.22 | ppb |
| Tin | 118-1 | 0.30 | 0.41 | 0.53 | 0.41 | 28.34 | ppb |
| Titanium | 47-1 | 2053.94 | 2027.39 | 2087.99 | 2056.44 | 1.48 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSA01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:20:14 | DataFile Name : | 029ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | 29.08 | ppb |
| Vanadium | 51-2 | 0.23 | 0.23 | 0.26 | 0.24 | 7.13 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 10.34 | 10.99 | 10.88 | 10.74 | 3.24 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.02 | 0.02 | 12.17 | ppb |
| Zirconium | 91-1 | 0.03 | 0.01 | 0.01 | 0.02 | 86.35 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:23:21 | DataFile Name : | 030ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 94961.49 | 95295.16 | 95916.07 | 95390.91 | 0.51 | ppb |
| Antimony | 121-1 | 19.96 | 21.64 | 21.85 | 21.15 | 4.90 | ppb |
| Arsenic | 75-2 | 18.81 | 18.33 | 19.45 | 18.86 | 2.96 | ppb |
| Barium | 135-1 | 19.58 | 21.54 | 21.46 | 20.86 | 5.32 | ppb |
| Barium | 137-1 | 19.98 | 22.19 | 21.88 | 21.35 | 5.59 | ppb |
| Beryllium | 9-1 | 20.28 | 22.02 | 22.45 | 21.58 | 5.31 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 25.55 | 26.62 | 27.34 | 26.50 | 3.41 | ppb |
| Cadmium | 106-1 | 15.29 | 17.77 | 16.96 | 16.68 | 7.59 | ppb |
| Cadmium | 111-1 | 18.83 | 20.99 | 20.60 | 20.14 | 5.71 | ppb |
| Calcium | 43-1 | 92699.31 | 106364.83 | 105482.77 | 101515.64 | 7.53 | ppb |
| Calcium | 44-1 | 93490.82 | 104608.73 | 104737.63 | 100945.73 | 6.40 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 41.83 | 40.68 | 41.18 | 41.23 | 1.40 | ppb |
| Cobalt | 59-2 | 22.24 | 22.06 | 21.98 | 22.09 | 0.60 | ppb |
| Copper | 63-2 | 27.01 | 26.48 | 26.77 | 26.75 | 0.99 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 107629.48 | 106186.31 | 105650.69 | 106488.82 | 0.96 | ppb |
| Iron | 57-2 | 105277.45 | 105741.97 | 106917.55 | 105978.99 | 0.80 | ppb |
| Iron | 54-2 | 105777.23 | 104050.16 | 106939.44 | 105588.94 | 1.38 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:23:21 | DataFile Name : | 030ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 23.13 | 24.39 | 24.01 | 23.84 | 2.71 | ppb |
| Lead | 207-1 | 22.00 | 23.06 | 23.50 | 22.85 | 3.38 | ppb |
| Lead | 208-1 | 22.17 | 23.32 | 23.54 | 23.01 | 3.22 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 97435.95 | 94807.14 | 96118.09 | 96120.39 | 1.37 | ppb |
| Manganese | 55-2 | 26.96 | 26.48 | 27.00 | 26.81 | 1.07 | ppb |
| Molybdenum | 94-1 | 1469.35 | 1595.29 | 1666.89 | 1577.18 | 6.34 | ppb |
| Molybdenum | 95-1 | 1790.42 | 1933.34 | 2000.63 | 1908.13 | 5.63 | ppb |
| Molybdenum | 96-1 | 1776.09 | 1916.03 | 1944.41 | 1878.85 | 4.80 | ppb |
| Molybdenum | 97-1 | 1827.06 | 1927.17 | 2009.54 | 1921.26 | 4.76 | ppb |
| Molybdenum | 98-1 | 1824.08 | 1939.61 | 2050.11 | 1937.93 | 5.83 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 27.09 | 26.52 | 26.23 | 26.61 | 1.65 | ppb |
| Phosphorus | 31-2 | 104246.68 | 103625.31 | 104371.85 | 104081.28 | 0.38 | ppb |
| Potassium | 39-2 | 104795.29 | 102763.13 | 104797.37 | 104118.60 | 1.13 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 17.73 | 19.32 | 20.15 | 19.06 | 6.45 | ppb |
| Selenium | 77-2 | 20.88 | 23.29 | 19.17 | 21.11 | 9.81 | ppb |
| Selenium | 78-2 | 20.37 | 19.96 | 21.92 | 20.75 | 4.99 | ppb |
| Silicon | 28-1 | -0.59 | 0.47 | 0.57 | 0.15 | 438.54 | ppb |
| Silver | 107-1 | 18.41 | 20.72 | 20.24 | 19.79 | 6.14 | ppb |
| Silver | 109-1 | 18.34 | 20.59 | 20.18 | 19.70 | 6.10 | ppb |
| Sodium | 23-2 | 103901.41 | 103634.10 | 103343.31 | 103626.27 | 0.27 | ppb |
| Strontium | 86-1 | 30.46 | 32.08 | 33.39 | 31.98 | 4.58 | ppb |
| Strontium | 88-1 | 30.51 | 32.50 | 33.31 | 32.10 | 4.49 | ppb |
| Sulfur | 34-1 | 92304.46 | 104092.52 | 106479.36 | 100958.78 | 7.52 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 19.08 | 20.10 | 20.82 | 20.00 | 4.35 | ppb |
| Thallium | 205-1 | 19.02 | 20.09 | 20.53 | 19.88 | 3.91 | ppb |
| Tin | 118-1 | 0.32 | 0.46 | 0.49 | 0.42 | 21.57 | ppb |
| Titanium | 47-1 | 1854.70 | 2097.61 | 2078.41 | 2010.24 | 6.72 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:23:21 | DataFile Name : | 030ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Vanadium | 51-2 | 21.05 | 20.68 | 21.09 | 20.94 | 1.09 | ppb |
| Yttrium | 89-1 | | | | 107 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 30.71 | 31.26 | 31.02 | 30.99 | 0.89 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.02 | 0.02 | 9.52 | ppb |
| Zirconium | 91-1 | 0.02 | 0.01 | 0.04 | 0.02 | 51.46 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:27:23 | DataFile Name : | 031CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50865.27 | 50250.24 | 49559.00 | 50224.83 | 1.30 | ppb |
| Antimony | 121-1 | 453.47 | 520.25 | 537.99 | 503.90 | 8.84 | ppb |
| Arsenic | 75-2 | 489.64 | 491.04 | 492.98 | 491.22 | 0.34 | ppb |
| Barium | 135-1 | 2277.73 | 2622.52 | 2650.45 | 2516.90 | 8.25 | ppb |
| Barium | 137-1 | 2218.30 | 2600.35 | 2640.66 | 2486.44 | 9.37 | ppb |
| Beryllium | 9-1 | 457.22 | 503.29 | 509.47 | 489.99 | 5.83 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 434.76 | 499.17 | 511.90 | 481.94 | 8.58 | ppb |
| Cadmium | 106-1 | 443.07 | 501.07 | 510.82 | 484.99 | 7.55 | ppb |
| Cadmium | 111-1 | 442.26 | 495.88 | 508.12 | 482.09 | 7.27 | ppb |
| Calcium | 43-1 | 223513.18 | 248932.10 | 249826.40 | 240757.23 | 6.21 | ppb |
| Calcium | 44-1 | 219820.71 | 249437.95 | 252533.83 | 240597.50 | 7.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 491.94 | 487.10 | 487.02 | 488.69 | 0.58 | ppb |
| Cobalt | 59-2 | 498.69 | 501.42 | 497.96 | 499.36 | 0.37 | ppb |
| Copper | 63-2 | 4908.72 | 4750.22 | 4889.05 | 4849.33 | 1.78 | 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 | | | | 105 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 131459.53 | 128384.70 | 130135.24 | 129993.16 | 1.19 | ppb |
| Iron | 57-2 | 129018.27 | 129857.54 | 127457.11 | 128777.64 | 0.95 | ppb |
| Iron | 54-2 | 129670.95 | 128959.61 | 128187.72 | 128939.43 | 0.58 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:27:23 | DataFile Name : | 031CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2324.48 | 2543.65 | 2536.67 | 2468.27 | 5.05 | ppb |
| Lead | 207-1 | 2333.66 | 2454.60 | 2534.12 | 2440.79 | 4.14 | ppb |
| Lead | 208-1 | 2323.99 | 2509.75 | 2573.57 | 2469.10 | 5.25 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 251491.33 | 249987.80 | 253040.98 | 251506.70 | 0.61 | ppb |
| Manganese | 55-2 | 4987.58 | 4866.44 | 5048.92 | 4967.65 | 1.87 | ppb |
| Molybdenum | 94-1 | 4615.65 | 4917.50 | 4982.10 | 4838.42 | 4.04 | ppb |
| Molybdenum | 95-1 | 4520.49 | 4897.06 | 4984.27 | 4800.61 | 5.13 | ppb |
| Molybdenum | 96-1 | 4618.77 | 5071.01 | 4956.90 | 4882.23 | 4.82 | ppb |
| Molybdenum | 97-1 | 4497.11 | 4874.62 | 4981.07 | 4784.26 | 5.32 | ppb |
| Molybdenum | 98-1 | 4535.08 | 4909.80 | 5009.40 | 4818.10 | 5.19 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 482.79 | 478.96 | 482.47 | 481.41 | 0.44 | ppb |
| Phosphorus | 31-2 | 10170.79 | 9961.04 | 10091.36 | 10074.40 | 1.05 | ppb |
| Potassium | 39-2 | 124385.33 | 127372.54 | 126703.88 | 126153.92 | 1.24 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 105 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 435.04 | 476.00 | 470.15 | 460.40 | 4.81 | ppb |
| Selenium | 77-2 | 479.74 | 468.79 | 454.91 | 467.81 | 2.66 | ppb |
| Selenium | 78-2 | 472.54 | 483.67 | 477.75 | 477.99 | 1.16 | ppb |
| Silicon | 28-1 | 468.46 | 521.09 | 528.21 | 505.92 | 6.45 | ppb |
| Silver | 107-1 | 457.55 | 510.08 | 518.54 | 495.39 | 6.67 | ppb |
| Silver | 109-1 | 450.63 | 504.78 | 511.31 | 488.91 | 6.81 | ppb |
| Sodium | 23-2 | 252656.94 | 252483.06 | 252355.11 | 252498.37 | 0.06 | ppb |
| Strontium | 86-1 | 451.96 | 494.75 | 499.62 | 482.11 | 5.44 | ppb |
| Strontium | 88-1 | 457.98 | 508.41 | 498.25 | 488.22 | 5.46 | ppb |
| Sulfur | 34-1 | 7945.35 | 9317.39 | 9688.96 | 8983.90 | 10.22 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 474.23 | 517.23 | 512.38 | 501.28 | 4.70 | ppb |
| Thallium | 205-1 | 475.60 | 513.42 | 517.77 | 502.26 | 4.62 | ppb |
| Tin | 118-1 | 454.09 | 521.71 | 522.16 | 499.32 | 7.85 | ppb |
| Titanium | 47-1 | 4413.17 | 4880.15 | 5092.44 | 4795.25 | 7.25 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:27:23 | DataFile Name : | 031CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 462.09 | 501.75 | 500.77 | 488.21 | 4.63 | ppb |
| Vanadium | 51-2 | 512.51 | 503.44 | 502.39 | 506.11 | 1.10 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 4786.16 | 4789.03 | 4754.54 | 4776.58 | 0.40 | ppb |
| Zirconium | 90-1 | 460.12 | 493.55 | 495.17 | 482.95 | 4.10 | ppb |
| Zirconium | 91-1 | 456.09 | 499.62 | 499.95 | 485.22 | 5.20 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:30:23 | DataFile Name : | 032CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.16 | 0.90 | -0.02 | 0.35 | 140.90 | ppb |
| Antimony | 121-1 | 0.15 | 0.17 | 0.17 | 0.17 | 6.37 | ppb |
| Arsenic | 75-2 | -0.01 | 0.00 | -0.02 | -0.01 | | ppb |
| Barium | 135-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Barium | 137-1 | 0.00 | 0.01 | -0.01 | 0.00 | | ppb |
| Beryllium | 9-1 | 0.00 | -0.01 | -0.01 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.01 | -0.02 | -0.02 | -0.01 | | ppb |
| Cadmium | 106-1 | -1.28 | -2.75 | -2.36 | -2.13 | | ppb |
| Cadmium | 111-1 | -0.06 | -0.17 | -0.16 | -0.13 | | ppb |
| Calcium | 43-1 | -0.19 | 1.17 | -0.20 | 0.26 | 299.81 | ppb |
| Calcium | 44-1 | 11.92 | 16.04 | 12.78 | 13.58 | 15.99 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.05 | -0.05 | -0.04 | -0.04 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.18 | 0.18 | 0.19 | 0.18 | 5.13 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 1.07 | 1.00 | 1.04 | 1.04 | 3.73 | ppb |
| Iron | 57-2 | 4.54 | 0.46 | 3.16 | 2.72 | 76.30 | ppb |
| Iron | 54-2 | 0.09 | 0.53 | 1.85 | 0.82 | 111.11 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:30:23 | DataFile Name : | 032CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.10 | 0.07 | 0.06 | 0.08 | 30.57 | ppb |
| Lead | 207-1 | 0.10 | 0.08 | 0.08 | 0.08 | 17.78 | ppb |
| Lead | 208-1 | 0.09 | 0.07 | 0.07 | 0.08 | 15.95 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 1.25 | 1.24 | 1.35 | 1.28 | 4.58 | ppb |
| Manganese | 55-2 | 0.01 | 0.04 | -0.01 | 0.02 | 140.90 | ppb |
| Molybdenum | 94-1 | 0.15 | 0.18 | 0.17 | 0.17 | 8.49 | ppb |
| Molybdenum | 95-1 | 0.18 | 0.14 | 0.16 | 0.16 | 11.41 | ppb |
| Molybdenum | 96-1 | 0.13 | 0.12 | 0.10 | 0.12 | 13.81 | ppb |
| Molybdenum | 97-1 | 0.12 | 0.13 | 0.11 | 0.12 | 7.05 | ppb |
| Molybdenum | 98-1 | 0.16 | 0.11 | 0.11 | 0.13 | 24.14 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.14 | -0.09 | -0.08 | -0.10 | | ppb |
| Phosphorus | 31-2 | -24.71 | -24.55 | -29.28 | -26.18 | | ppb |
| Potassium | 39-2 | 36.84 | 34.27 | 32.94 | 34.69 | 5.71 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 98 | | % |
| Selenium | 82-1 | -0.54 | -0.94 | -0.56 | -0.68 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | 0.08 | -0.08 | | ppb |
| Selenium | 78-2 | -1.12 | -0.37 | 0.97 | -0.17 | | ppb |
| Silicon | 28-1 | 0.39 | 0.62 | 0.31 | 0.44 | 37.05 | ppb |
| Silver | 107-1 | 0.04 | 0.05 | 0.03 | 0.04 | 21.03 | ppb |
| Silver | 109-1 | 0.04 | 0.03 | 0.03 | 0.03 | 20.11 | ppb |
| Sodium | 23-2 | 66.60 | 66.10 | 62.53 | 65.08 | 3.41 | ppb |
| Strontium | 86-1 | 0.04 | 0.02 | 0.03 | 0.03 | 29.41 | ppb |
| Strontium | 88-1 | 0.01 | 0.00 | 0.00 | 0.00 | 39.34 | ppb |
| Sulfur | 34-1 | 122.09 | 199.77 | 146.76 | 156.21 | 25.41 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.10 | 0.10 | 0.08 | 0.09 | 10.98 | ppb |
| Thallium | 205-1 | 0.08 | 0.08 | 0.08 | 0.08 | 5.66 | ppb |
| Tin | 118-1 | 0.04 | 0.04 | 0.05 | 0.04 | 10.10 | ppb |
| Titanium | 47-1 | 0.02 | 0.08 | 0.11 | 0.07 | 69.92 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:30:23 | DataFile Name : | 032CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | -0.14 | 0.17 | -0.08 | -0.02 | | ppb |
| Zirconium | 90-1 | 0.04 | 0.04 | 0.03 | 0.04 | 23.05 | ppb |
| Zirconium | 91-1 | 0.05 | 0.04 | 0.02 | 0.04 | 34.02 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CRI01 | Instrumnet Name : | P7 |
| Client Sample ID : | CRI01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:33:47 | DataFile Name : | 033LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21.16 | 21.14 | 20.52 | 20.94 | 1.74 | ppb |
| Antimony | 121-1 | 1.97 | 2.15 | 2.07 | 2.06 | 4.32 | ppb |
| Arsenic | 75-2 | 1.27 | 1.00 | 1.10 | 1.12 | 11.90 | ppb |
| Barium | 135-1 | 8.88 | 9.71 | 9.70 | 9.43 | 5.02 | ppb |
| Barium | 137-1 | 9.29 | 9.87 | 9.72 | 9.63 | 3.09 | ppb |
| Beryllium | 9-1 | 1.05 | 1.13 | 1.05 | 1.08 | 4.29 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.82 | 0.86 | 0.60 | 0.76 | 17.95 | ppb |
| Cadmium | 106-1 | -1.07 | 0.50 | -1.33 | -0.64 | | ppb |
| Cadmium | 111-1 | 0.81 | 0.93 | 0.84 | 0.86 | 7.51 | ppb |
| Calcium | 43-1 | 507.07 | 515.27 | 536.38 | 519.57 | 2.91 | ppb |
| Calcium | 44-1 | 507.55 | 527.06 | 561.61 | 532.08 | 5.15 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1.96 | 2.03 | 1.97 | 1.99 | 1.83 | ppb |
| Cobalt | 59-2 | 1.06 | 1.07 | 1.04 | 1.05 | 1.53 | ppb |
| Copper | 63-2 | 2.07 | 2.08 | 2.03 | 2.06 | 1.17 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 56.07 | 56.47 | 56.73 | 56.42 | 0.59 | ppb |
| Iron | 57-2 | 59.37 | 62.66 | 57.95 | 60.00 | 4.03 | ppb |
| Iron | 54-2 | 55.87 | 54.44 | 57.11 | 55.81 | 2.39 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CRI01 | Instrumnet Name : | P7 |
| Client Sample ID : | CRI01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:33:47 | DataFile Name : | 033LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.82 | 0.88 | 0.92 | 0.87 | 5.96 | ppb |
| Lead | 207-1 | 0.80 | 0.94 | 0.89 | 0.87 | 7.88 | ppb |
| Lead | 208-1 | 0.81 | 0.88 | 0.88 | 0.86 | 4.82 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 492.08 | 489.69 | 484.42 | 488.73 | 0.80 | ppb |
| Manganese | 55-2 | 0.99 | 1.09 | 1.06 | 1.05 | 4.68 | ppb |
| Molybdenum | 94-1 | 5.35 | 5.90 | 5.77 | 5.68 | 5.07 | ppb |
| Molybdenum | 95-1 | 4.57 | 4.89 | 4.92 | 4.79 | 4.06 | ppb |
| Molybdenum | 96-1 | 4.47 | 5.02 | 5.11 | 4.87 | 7.11 | ppb |
| Molybdenum | 97-1 | 4.42 | 4.70 | 5.18 | 4.77 | 8.03 | ppb |
| Molybdenum | 98-1 | 4.48 | 4.92 | 4.78 | 4.73 | 4.77 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1.01 | 1.22 | 1.17 | 1.13 | 9.77 | ppb |
| Phosphorus | 31-2 | 203.93 | 210.50 | 228.88 | 214.44 | 6.03 | ppb |
| Potassium | 39-2 | 535.33 | 539.93 | 536.82 | 537.36 | 0.44 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 4.31 | 4.76 | 4.92 | 4.66 | 6.80 | ppb |
| Selenium | 77-2 | 5.92 | 5.26 | 4.16 | 5.11 | 17.31 | ppb |
| Selenium | 78-2 | 5.83 | 5.91 | 5.46 | 5.73 | 4.21 | ppb |
| Silicon | 28-1 | -0.13 | 0.31 | 0.83 | 0.33 | 143.10 | ppb |
| Silver | 107-1 | 1.06 | 1.15 | 1.14 | 1.12 | 4.43 | ppb |
| Silver | 109-1 | 1.09 | 1.08 | 1.13 | 1.10 | 2.68 | ppb |
| Sodium | 23-2 | 529.38 | 533.32 | 533.40 | 532.03 | 0.43 | ppb |
| Strontium | 86-1 | 0.93 | 1.05 | 0.96 | 0.98 | 6.63 | ppb |
| Strontium | 88-1 | 0.88 | 0.91 | 0.94 | 0.91 | 3.08 | ppb |
| Sulfur | 34-1 | 96.00 | 326.14 | 635.64 | 352.59 | 76.80 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 1.01 | 1.05 | 1.00 | 1.02 | 2.12 | ppb |
| Thallium | 205-1 | 0.99 | 0.99 | 1.02 | 1.00 | 1.35 | ppb |
| Tin | 118-1 | 4.83 | 5.13 | 5.14 | 5.03 | 3.43 | ppb |
| Titanium | 47-1 | 4.67 | 4.77 | 5.30 | 4.92 | 6.81 | ppb |

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Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CRI01 | Instrumnet Name : | P7 |
| Client Sample ID : | CRI01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:33:47 | DataFile Name : | 033LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.76 | 0.83 | 0.84 | 0.81 | 5.33 | ppb |
| Vanadium | 51-2 | 4.95 | 4.94 | 4.90 | 4.93 | 0.52 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 5.66 | 6.28 | 5.60 | 5.85 | 6.40 | ppb |
| Zirconium | 90-1 | 0.92 | 1.02 | 1.03 | 0.99 | 6.28 | ppb |
| Zirconium | 91-1 | 0.96 | 0.94 | 1.05 | 0.99 | 6.19 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:40:34 | DataFile Name : | 035LCSS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11506.23 | 11368.62 | 11583.06 | 11485.97 | 0.95 | ppb |
| Antimony | 121-1 | 560.99 | 557.96 | 567.26 | 562.07 | 0.84 | ppb |
| Arsenic | 75-2 | 539.17 | 552.34 | 548.51 | 546.67 | 1.24 | ppb |
| Barium | 135-1 | 2729.36 | 2825.52 | 2841.58 | 2798.82 | 2.17 | ppb |
| Barium | 137-1 | 2721.50 | 2772.10 | 2813.42 | 2769.01 | 1.66 | ppb |
| Beryllium | 9-1 | 566.44 | 564.26 | 553.44 | 561.38 | 1.24 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 563.03 | 554.27 | 567.25 | 561.52 | 1.18 | ppb |
| Cadmium | 106-1 | 554.71 | 556.21 | 569.44 | 560.12 | 1.45 | ppb |
| Cadmium | 111-1 | 562.22 | 552.48 | 565.07 | 559.92 | 1.18 | ppb |
| Calcium | 43-1 | 59052.50 | 59707.99 | 59323.66 | 59361.39 | 0.55 | ppb |
| Calcium | 44-1 | 56724.59 | 56204.21 | 55542.43 | 56157.08 | 1.06 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 538.44 | 551.84 | 539.43 | 543.24 | 1.37 | ppb |
| Cobalt | 59-2 | 549.80 | 561.55 | 547.88 | 553.08 | 1.34 | ppb |
| Copper | 63-2 | 5532.26 | 5546.88 | 5611.47 | 5563.54 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 30270.49 | 29968.24 | 29638.45 | 29959.06 | 1.06 | ppb |
| Iron | 57-2 | 29823.40 | 30385.57 | 28940.97 | 29716.65 | 2.45 | ppb |
| Iron | 54-2 | 30594.40 | 30004.66 | 29935.64 | 30178.23 | 1.20 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:40:34 | DataFile Name : | 035LCSS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2794.63 | 2715.76 | 2689.48 | 2733.29 | 2.00 | ppb |
| Lead | 207-1 | 2769.93 | 2708.62 | 2656.21 | 2711.58 | 2.10 | ppb |
| Lead | 208-1 | 2750.83 | 2731.31 | 2698.79 | 2726.98 | 0.96 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 55113.51 | 55848.70 | 56035.32 | 55665.85 | 0.88 | ppb |
| Manganese | 55-2 | 5569.32 | 5667.94 | 5475.71 | 5570.99 | 1.73 | ppb |
| Molybdenum | 94-1 | 5234.85 | 5358.34 | 5324.22 | 5305.80 | 1.20 | ppb |
| Molybdenum | 95-1 | 5253.29 | 5363.39 | 5321.47 | 5312.71 | 1.05 | ppb |
| Molybdenum | 96-1 | 5372.44 | 5411.57 | 5365.80 | 5383.27 | 0.46 | ppb |
| Molybdenum | 97-1 | 5293.91 | 5399.22 | 5346.11 | 5346.41 | 0.98 | ppb |
| Molybdenum | 98-1 | 5395.63 | 5340.62 | 5403.86 | 5380.03 | 0.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 549.09 | 549.03 | 543.37 | 547.16 | 0.60 | ppb |
| Phosphorus | 31-2 | 10920.61 | 10862.09 | 10958.82 | 10913.84 | 0.45 | ppb |
| Potassium | 39-2 | 28235.16 | 27807.48 | 27554.45 | 27865.69 | 1.23 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 545.56 | 547.47 | 545.53 | 546.19 | 0.20 | ppb |
| Selenium | 77-2 | 536.02 | 577.66 | 540.30 | 551.33 | 4.15 | ppb |
| Selenium | 78-2 | 543.35 | 556.61 | 557.16 | 552.37 | 1.42 | ppb |
| Silicon | 28-1 | 502.50 | 508.13 | 510.37 | 507.00 | 0.80 | ppb |
| Silver | 107-1 | 566.56 | 567.22 | 569.38 | 567.72 | 0.26 | ppb |
| Silver | 109-1 | 568.03 | 550.99 | 572.85 | 563.95 | 2.04 | ppb |
| Sodium | 23-2 | 56380.93 | 57220.76 | 55208.92 | 56270.21 | 1.80 | ppb |
| Strontium | 86-1 | 530.02 | 541.51 | 529.84 | 533.79 | 1.25 | ppb |
| Strontium | 88-1 | 538.14 | 549.92 | 544.85 | 544.30 | 1.08 | ppb |
| Sulfur | 34-1 | 11045.47 | 11292.57 | 11040.69 | 11126.24 | 1.29 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 566.56 | 545.66 | 553.03 | 555.08 | 1.91 | ppb |
| Thallium | 205-1 | 562.48 | 547.53 | 553.66 | 554.56 | 1.36 | ppb |
| Tin | 118-1 | 566.45 | 560.88 | 553.03 | 560.12 | 1.20 | ppb |
| Titanium | 47-1 | 5421.47 | 5565.51 | 5557.36 | 5514.78 | 1.47 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:40:34 | DataFile Name : | 035LCSS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 534.67 | 528.53 | 525.90 | 529.70 | 0.85 | ppb |
| Vanadium | 51-2 | 549.55 | 556.15 | 553.35 | 553.02 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 5643.76 | 5596.32 | 5705.69 | 5648.59 | 0.97 | ppb |
| Zirconium | 90-1 | 527.15 | 548.88 | 537.94 | 537.99 | 2.02 | ppb |
| Zirconium | 91-1 | 531.42 | 540.99 | 527.16 | 533.19 | 1.33 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-03 | Instrumnet Name : | P7 |
| Client Sample ID : | 3443 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:43:25 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1593.18 | 1575.55 | 1564.67 | 1577.80 | 0.91 | ppb |
| Antimony | 121-1 | 4.41 | 4.40 | 4.47 | 4.43 | 0.86 | ppb |
| Arsenic | 75-2 | 16.67 | 16.55 | 16.28 | 16.50 | 1.23 | ppb |
| Barium | 135-1 | 99.17 | 101.86 | 101.06 | 100.70 | 1.37 | ppb |
| Barium | 137-1 | 99.81 | 101.17 | 99.90 | 100.29 | 0.76 | ppb |
| Beryllium | 9-1 | 0.18 | 0.14 | 0.16 | 0.16 | 12.81 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 8.76 | 9.21 | 8.95 | 8.97 | 2.54 | ppb |
| Cadmium | 106-1 | 9.56 | 7.02 | 7.14 | 7.91 | 18.09 | ppb |
| Cadmium | 111-1 | 8.85 | 8.64 | 8.78 | 8.76 | 1.25 | ppb |
| Calcium | 43-1 | 75450.82 | 75155.01 | 76331.50 | 75645.78 | 0.81 | ppb |
| Calcium | 44-1 | 72550.13 | 72776.58 | 71484.78 | 72270.50 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 15.23 | 15.11 | 15.02 | 15.12 | 0.67 | ppb |
| Cobalt | 59-2 | 8.50 | 8.37 | 8.52 | 8.46 | 0.99 | ppb |
| Copper | 63-2 | 285.22 | 282.50 | 283.56 | 283.76 | 0.48 | ppb |
| Dysprosium | 156-1 | | | | | | 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 | | | | 108 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 10451.75 | 10322.79 | 10537.98 | 10437.51 | 1.04 | ppb |
| Iron | 57-2 | 11163.71 | 11090.98 | 11031.71 | 11095.46 | 0.60 | ppb |
| Iron | 54-2 | 10688.22 | 10695.81 | 10459.88 | 10614.63 | 1.26 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-03 | Instrumnet Name : | P7 |
| Client Sample ID : | 3443 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:43:25 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 114.93 | 116.77 | 118.50 | 116.73 | 1.53 | ppb |
| Lead | 207-1 | 110.73 | 112.19 | 114.31 | 112.41 | 1.60 | ppb |
| Lead | 208-1 | 112.56 | 113.53 | 116.17 | 114.09 | 1.64 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 11079.37 | 10575.39 | 10616.36 | 10757.04 | 2.60 | ppb |
| Manganese | 55-2 | 299.69 | 294.55 | 296.14 | 296.79 | 0.89 | ppb |
| Molybdenum | 94-1 | 16.96 | 17.63 | 17.90 | 17.50 | 2.74 | ppb |
| Molybdenum | 95-1 | 14.13 | 14.86 | 15.11 | 14.70 | 3.46 | ppb |
| Molybdenum | 96-1 | 14.61 | 15.17 | 15.49 | 15.09 | 2.96 | ppb |
| Molybdenum | 97-1 | 14.33 | 15.32 | 15.05 | 14.90 | 3.44 | ppb |
| Molybdenum | 98-1 | 14.29 | 15.15 | 14.64 | 14.69 | 2.96 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 27.37 | 26.76 | 27.00 | 27.04 | 1.15 | ppb |
| Phosphorus | 31-2 | 1095.91 | 1100.29 | 1144.08 | 1113.43 | 2.39 | ppb |
| Potassium | 39-2 | 17438.54 | 17558.00 | 17607.58 | 17534.71 | 0.50 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 105 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | -0.46 | 0.95 | 0.26 | 0.25 | 282.44 | ppb |
| Selenium | 77-2 | 0.06 | 0.53 | 1.21 | 0.60 | 95.93 | ppb |
| Selenium | 78-2 | 0.73 | -0.43 | -0.65 | -0.12 | | ppb |
| Silicon | 28-1 | 540.86 | 538.49 | 535.83 | 538.39 | 0.47 | ppb |
| Silver | 107-1 | 0.56 | 0.55 | 0.56 | 0.56 | 1.20 | ppb |
| Silver | 109-1 | 0.57 | 0.53 | 0.54 | 0.55 | 3.95 | ppb |
| Sodium | 23-2 | 158776.33 | 151665.72 | 153052.58 | 154498.21 | 2.44 | ppb |
| Strontium | 86-1 | 181.95 | 192.67 | 190.48 | 188.37 | 3.01 | ppb |
| Strontium | 88-1 | 186.57 | 196.65 | 192.30 | 191.84 | 2.64 | ppb |
| Sulfur | 34-1 | 35731.19 | 35518.30 | 35880.70 | 35710.06 | 0.51 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 0.10 | 0.08 | 0.08 | 0.09 | 10.22 | ppb |
| Thallium | 205-1 | 0.09 | 0.07 | 0.08 | 0.08 | 7.27 | ppb |
| Tin | 118-1 | 5.66 | 5.84 | 5.72 | 5.74 | 1.60 | ppb |
| Titanium | 47-1 | 66.38 | 66.24 | 67.27 | 66.63 | 0.84 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-03 | Instrumnet Name : | P7 |
| Client Sample ID : | 3443 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:43:25 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.33 | 0.33 | 0.36 | 0.34 | 4.83 | ppb |
| Vanadium | 51-2 | 7.72 | 7.62 | 7.54 | 7.63 | 1.19 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 105 | | % |
| Zinc | 66-2 | 3368.17 | 3242.06 | 3242.58 | 3284.27 | 2.21 | ppb |
| Zirconium | 90-1 | 3.02 | 3.07 | 3.06 | 3.05 | 0.93 | ppb |
| Zirconium | 91-1 | 3.05 | 3.15 | 3.09 | 3.09 | 1.68 | ppb |

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On:10/24/2025 6:19:47 PM
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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:46:43 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2061.10 | 2037.85 | 2043.24 | 2047.40 | 0.59 | ppb |
| Antimony | 121-1 | 4.42 | 4.55 | 4.61 | 4.53 | 2.08 | ppb |
| Arsenic | 75-2 | 14.95 | 14.07 | 13.54 | 14.19 | 5.05 | ppb |
| Barium | 135-1 | 98.51 | 99.87 | 100.57 | 99.65 | 1.05 | ppb |
| Barium | 137-1 | 97.31 | 99.11 | 101.18 | 99.20 | 1.95 | ppb |
| Beryllium | 9-1 | 0.15 | 0.19 | 0.24 | 0.19 | 23.29 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 11.05 | 10.05 | 11.23 | 10.78 | 5.87 | ppb |
| Cadmium | 106-1 | 9.98 | 9.50 | 9.38 | 9.62 | 3.33 | ppb |
| Cadmium | 111-1 | 10.03 | 10.32 | 10.13 | 10.16 | 1.41 | ppb |
| Calcium | 43-1 | 73689.12 | 74443.63 | 73904.44 | 74012.40 | 0.53 | ppb |
| Calcium | 44-1 | 70393.69 | 72069.64 | 69997.25 | 70820.19 | 1.55 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 13.49 | 13.50 | 13.72 | 13.57 | 0.97 | ppb |
| Cobalt | 59-2 | 7.95 | 7.70 | 7.90 | 7.85 | 1.64 | ppb |
| Copper | 63-2 | 326.73 | 325.35 | 332.02 | 328.03 | 1.07 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 107 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 105 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 6724.57 | 6672.83 | 6736.64 | 6711.35 | 0.51 | ppb |
| Iron | 57-2 | 7379.99 | 7348.33 | 7441.94 | 7390.09 | 0.64 | ppb |
| Iron | 54-2 | 6952.51 | 6885.78 | 7080.73 | 6973.01 | 1.42 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:46:43 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 129.69 | 133.41 | 129.85 | 130.99 | 1.61 | ppb |
| Lead | 207-1 | 124.86 | 126.56 | 123.19 | 124.87 | 1.35 | ppb |
| Lead | 208-1 | 126.11 | 127.83 | 126.12 | 126.69 | 0.78 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 10665.93 | 10741.51 | 10826.78 | 10744.74 | 0.75 | ppb |
| Manganese | 55-2 | 259.01 | 256.30 | 263.12 | 259.47 | 1.32 | ppb |
| Molybdenum | 94-1 | 17.53 | 18.19 | 17.76 | 17.83 | 1.89 | ppb |
| Molybdenum | 95-1 | 12.95 | 13.58 | 13.05 | 13.19 | 2.54 | ppb |
| Molybdenum | 96-1 | 13.57 | 14.04 | 13.56 | 13.72 | 1.99 | ppb |
| Molybdenum | 97-1 | 13.13 | 14.06 | 13.48 | 13.56 | 3.49 | ppb |
| Molybdenum | 98-1 | 12.92 | 13.84 | 13.12 | 13.29 | 3.65 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 23.87 | 23.83 | 23.93 | 23.88 | 0.21 | ppb |
| Phosphorus | 31-2 | 1085.13 | 1072.34 | 1097.90 | 1085.12 | 1.18 | ppb |
| Potassium | 39-2 | 17745.92 | 17381.93 | 17858.89 | 17662.24 | 1.41 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 106 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | -0.17 | -0.01 | 0.17 | 0.00 | | ppb |
| Selenium | 77-2 | 0.52 | 1.21 | 1.64 | 1.12 | 50.66 | ppb |
| Selenium | 78-2 | 0.66 | 0.21 | -0.54 | 0.11 | 548.52 | ppb |
| Silicon | 28-1 | 598.51 | 631.43 | 607.33 | 612.42 | 2.78 | ppb |
| Silver | 107-1 | 0.59 | 0.58 | 0.55 | 0.57 | 4.24 | ppb |
| Silver | 109-1 | 0.53 | 0.56 | 0.56 | 0.55 | 2.99 | ppb |
| Sodium | 23-2 | 155965.34 | 157490.88 | 159833.67 | 157763.30 | 1.24 | ppb |
| Strontium | 86-1 | 176.68 | 181.88 | 178.17 | 178.91 | 1.50 | ppb |
| Strontium | 88-1 | 182.28 | 186.23 | 182.17 | 183.56 | 1.26 | ppb |
| Sulfur | 34-1 | 40047.90 | 40806.22 | 39776.70 | 40210.27 | 1.33 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.05 | 0.07 | 0.07 | 0.06 | 14.61 | ppb |
| Thallium | 205-1 | 0.04 | 0.05 | 0.06 | 0.05 | 15.04 | ppb |
| Tin | 118-1 | 7.25 | 7.43 | 7.56 | 7.41 | 2.13 | ppb |
| Titanium | 47-1 | 85.54 | 92.85 | 85.61 | 88.00 | 4.77 | ppb |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:46:43 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.40 | 0.40 | 0.41 | 0.40 | 1.13 | ppb |
| Vanadium | 51-2 | 8.56 | 8.55 | 8.62 | 8.58 | 0.43 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 3998.71 | 3918.25 | 4079.98 | 3998.98 | 2.02 | ppb |
| Zirconium | 90-1 | 3.73 | 3.89 | 3.65 | 3.76 | 3.25 | ppb |
| Zirconium | 91-1 | 3.69 | 3.70 | 3.81 | 3.73 | 1.75 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04DUP | Instrumnet Name : | P7 |
| Client Sample ID : | 3444DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:49:55 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2008.82 | 2012.13 | 1992.64 | 2004.53 | 0.52 | ppb |
| Antimony | 121-1 | 4.47 | 4.45 | 4.54 | 4.49 | 1.05 | ppb |
| Arsenic | 75-2 | 14.10 | 13.50 | 13.44 | 13.68 | 2.69 | ppb |
| Barium | 135-1 | 98.84 | 98.61 | 97.41 | 98.28 | 0.78 | ppb |
| Barium | 137-1 | 97.45 | 97.98 | 99.87 | 98.43 | 1.30 | ppb |
| Beryllium | 9-1 | 0.15 | 0.21 | 0.16 | 0.18 | 17.49 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 11.35 | 11.12 | 10.49 | 10.99 | 4.08 | ppb |
| Cadmium | 106-1 | 8.56 | 9.55 | 9.59 | 9.24 | 6.32 | ppb |
| Cadmium | 111-1 | 10.11 | 10.05 | 10.16 | 10.11 | 0.53 | ppb |
| Calcium | 43-1 | 74450.21 | 76780.10 | 76440.68 | 75890.33 | 1.66 | ppb |
| Calcium | 44-1 | 71198.73 | 73555.06 | 73553.53 | 72769.11 | 1.87 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 14.97 | 14.79 | 14.36 | 14.70 | 2.13 | ppb |
| Cobalt | 59-2 | 7.97 | 8.00 | 8.04 | 8.00 | 0.43 | ppb |
| Copper | 63-2 | 332.67 | 334.17 | 332.78 | 333.21 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 6795.85 | 6875.86 | 6812.92 | 6828.21 | 0.62 | ppb |
| Iron | 57-2 | 7443.30 | 7497.70 | 7501.15 | 7480.72 | 0.43 | ppb |
| Iron | 54-2 | 7030.47 | 7044.20 | 7017.48 | 7030.72 | 0.19 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04DUP | Instrumnet Name : | P7 |
| Client Sample ID : | 3444DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:49:55 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 130.83 | 132.41 | 135.39 | 132.88 | 1.74 | ppb |
| Lead | 207-1 | 126.27 | 127.12 | 130.38 | 127.92 | 1.70 | ppb |
| Lead | 208-1 | 127.14 | 128.35 | 131.58 | 129.03 | 1.78 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 11018.52 | 10854.94 | 11064.99 | 10979.48 | 1.00 | ppb |
| Manganese | 55-2 | 237.37 | 239.45 | 235.99 | 237.60 | 0.73 | ppb |
| Molybdenum | 94-1 | 17.50 | 18.64 | 17.99 | 18.04 | 3.18 | ppb |
| Molybdenum | 95-1 | 13.40 | 14.12 | 13.49 | 13.67 | 2.89 | ppb |
| Molybdenum | 96-1 | 13.71 | 14.55 | 14.24 | 14.17 | 2.98 | ppb |
| Molybdenum | 97-1 | 13.56 | 14.05 | 13.99 | 13.87 | 1.92 | ppb |
| Molybdenum | 98-1 | 13.42 | 13.93 | 13.56 | 13.64 | 1.93 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 24.84 | 24.46 | 24.17 | 24.49 | 1.37 | ppb |
| Phosphorus | 31-2 | 1115.91 | 1121.52 | 1120.10 | 1119.18 | 0.26 | ppb |
| Potassium | 39-2 | 18081.11 | 18241.28 | 17922.62 | 18081.67 | 0.88 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 106 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | -0.10 | -0.35 | 0.03 | -0.14 | | ppb |
| Selenium | 77-2 | 0.75 | 2.09 | 0.95 | 1.26 | 57.59 | ppb |
| Selenium | 78-2 | 1.31 | -0.54 | -1.72 | -0.32 | | ppb |
| Silicon | 28-1 | 587.62 | 599.39 | 601.79 | 596.26 | 1.27 | ppb |
| Silver | 107-1 | 0.55 | 0.55 | 0.57 | 0.56 | 2.25 | ppb |
| Silver | 109-1 | 0.55 | 0.56 | 0.53 | 0.54 | 3.00 | ppb |
| Sodium | 23-2 | 162311.45 | 160858.25 | 162444.35 | 161871.35 | 0.54 | ppb |
| Strontium | 86-1 | 181.09 | 188.33 | 183.13 | 184.19 | 2.03 | ppb |
| Strontium | 88-1 | 191.76 | 189.91 | 189.38 | 190.35 | 0.65 | ppb |
| Sulfur | 34-1 | 38429.81 | 40824.35 | 37583.59 | 38945.92 | 4.32 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 0.04 | 0.05 | 0.04 | 0.05 | 10.36 | ppb |
| Thallium | 205-1 | 0.04 | 0.05 | 0.04 | 0.05 | 12.79 | ppb |
| Tin | 118-1 | 6.34 | 6.40 | 6.46 | 6.40 | 0.95 | ppb |
| Titanium | 47-1 | 90.09 | 87.17 | 87.21 | 88.16 | 1.90 | ppb |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04DUP | Instrumnet Name : | P7 |
| Client Sample ID : | 3444DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:49:55 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.40 | 0.39 | 0.42 | 0.40 | 3.49 | ppb |
| Vanadium | 51-2 | 8.40 | 8.76 | 8.54 | 8.56 | 2.09 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 4019.36 | 4054.87 | 4094.83 | 4056.36 | 0.93 | ppb |
| Zirconium | 90-1 | 3.67 | 3.88 | 3.72 | 3.76 | 2.96 | ppb |
| Zirconium | 91-1 | 3.65 | 3.98 | 3.80 | 3.81 | 4.34 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 13:53:08 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 423.07 | 410.90 | 415.11 | 416.36 | 1.48 | ppb |
| Antimony | 121-1 | 0.95 | 0.91 | 0.92 | 0.93 | 2.35 | ppb |
| Arsenic | 75-2 | 3.01 | 2.71 | 2.75 | 2.83 | 5.66 | ppb |
| Barium | 135-1 | 19.76 | 20.29 | 20.18 | 20.08 | 1.40 | ppb |
| Barium | 137-1 | 19.83 | 20.14 | 19.98 | 19.98 | 0.80 | ppb |
| Beryllium | 9-1 | 0.01 | 0.03 | 0.05 | 0.03 | 59.53 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.61 | 2.17 | 1.86 | 1.88 | 14.95 | ppb |
| Cadmium | 106-1 | 0.69 | 0.66 | 0.64 | 0.66 | 3.27 | ppb |
| Cadmium | 111-1 | 2.01 | 2.03 | 2.02 | 2.02 | 0.59 | ppb |
| Calcium | 43-1 | 14765.03 | 14717.38 | 14842.35 | 14774.92 | 0.43 | ppb |
| Calcium | 44-1 | 14153.39 | 14300.99 | 14524.85 | 14326.41 | 1.31 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2.70 | 2.63 | 2.71 | 2.68 | 1.62 | ppb |
| Cobalt | 59-2 | 1.63 | 1.58 | 1.58 | 1.60 | 1.82 | ppb |
| Copper | 63-2 | 66.84 | 67.98 | 67.02 | 67.28 | 0.91 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 103 | | % |
| Iron | 56-2 | 1361.67 | 1397.30 | 1371.84 | 1376.94 | 1.33 | ppb |
| Iron | 57-2 | 1507.20 | 1500.57 | 1500.45 | 1502.74 | 0.26 | ppb |
| Iron | 54-2 | 1401.49 | 1428.40 | 1415.55 | 1415.15 | 0.95 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 13:53:08 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 25.40 | 25.61 | 25.80 | 25.60 | 0.79 | ppb |
| Lead | 207-1 | 24.64 | 24.25 | 24.34 | 24.41 | 0.84 | ppb |
| Lead | 208-1 | 24.99 | 24.75 | 24.82 | 24.86 | 0.49 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 2157.14 | 2150.02 | 2137.23 | 2148.13 | 0.47 | ppb |
| Manganese | 55-2 | 51.88 | 52.13 | 53.00 | 52.34 | 1.13 | ppb |
| Molybdenum | 94-1 | 3.44 | 3.55 | 3.53 | 3.51 | 1.73 | ppb |
| Molybdenum | 95-1 | 2.67 | 2.78 | 2.72 | 2.72 | 2.12 | ppb |
| Molybdenum | 96-1 | 2.81 | 2.69 | 2.81 | 2.77 | 2.56 | ppb |
| Molybdenum | 97-1 | 2.78 | 2.81 | 2.72 | 2.77 | 1.58 | ppb |
| Molybdenum | 98-1 | 2.66 | 2.70 | 2.75 | 2.70 | 1.67 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 4.63 | 4.82 | 4.74 | 4.73 | 2.09 | ppb |
| Phosphorus | 31-2 | 192.53 | 199.24 | 188.07 | 193.28 | 2.91 | ppb |
| Potassium | 39-2 | 3691.98 | 3724.14 | 3702.32 | 3706.15 | 0.44 | ppb |
| Rhodium | 103-1 | | | | 102 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | -0.64 | -0.67 | -0.57 | -0.63 | | ppb |
| Selenium | 77-2 | -0.16 | 0.99 | 0.55 | 0.46 | 125.66 | ppb |
| Selenium | 78-2 | -1.51 | 0.18 | 0.09 | -0.41 | | ppb |
| Silicon | 28-1 | 123.89 | 124.58 | 128.00 | 125.49 | 1.75 | ppb |
| Silver | 107-1 | 0.11 | 0.11 | 0.09 | 0.11 | 9.86 | ppb |
| Silver | 109-1 | 0.12 | 0.11 | 0.11 | 0.11 | 6.21 | ppb |
| Sodium | 23-2 | 32033.71 | 32143.29 | 32150.80 | 32109.27 | 0.20 | ppb |
| Strontium | 86-1 | 36.38 | 36.63 | 36.45 | 36.49 | 0.36 | ppb |
| Strontium | 88-1 | 36.51 | 36.63 | 36.52 | 36.55 | 0.18 | ppb |
| Sulfur | 34-1 | 7006.42 | 7138.55 | 7020.31 | 7055.10 | 1.03 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.01 | 0.02 | 0.02 | 0.02 | 25.24 | ppb |
| Thallium | 205-1 | 0.02 | 0.01 | 0.01 | 0.01 | 52.30 | ppb |
| Tin | 118-1 | 1.52 | 1.54 | 1.65 | 1.57 | 4.43 | ppb |
| Titanium | 47-1 | 16.64 | 16.85 | 17.32 | 16.94 | 2.06 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 13:53:08 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.07 | 0.06 | 0.07 | 0.07 | 3.50 | ppb |
| Vanadium | 51-2 | 1.70 | 1.68 | 1.72 | 1.70 | 1.14 | ppb |
| Yttrium | 89-1 | | | | 104 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 817.13 | 814.47 | 810.11 | 813.91 | 0.44 | ppb |
| Zirconium | 90-1 | 0.73 | 0.76 | 0.78 | 0.76 | 3.71 | ppb |
| Zirconium | 91-1 | 0.74 | 0.76 | 0.80 | 0.77 | 4.32 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MS | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:56:29 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10483.42 | 10550.03 | 10542.35 | 10525.27 | 0.35 | ppb |
| Antimony | 121-1 | 501.68 | 499.90 | 498.69 | 500.09 | 0.30 | ppb |
| Arsenic | 75-2 | 496.86 | 491.67 | 490.02 | 492.85 | 0.72 | ppb |
| Barium | 135-1 | 2320.72 | 2282.32 | 2323.06 | 2308.70 | 0.99 | ppb |
| Barium | 137-1 | 2301.63 | 2303.66 | 2255.57 | 2286.96 | 1.19 | ppb |
| Beryllium | 9-1 | 495.55 | 481.69 | 481.32 | 486.19 | 1.67 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 473.60 | 464.89 | 462.75 | 467.08 | 1.23 | ppb |
| Cadmium | 106-1 | 496.38 | 485.72 | 482.94 | 488.35 | 1.45 | ppb |
| Cadmium | 111-1 | 495.34 | 486.64 | 493.13 | 491.70 | 0.92 | ppb |
| Calcium | 43-1 | 118777.75 | 120104.56 | 116914.82 | 118599.04 | 1.35 | ppb |
| Calcium | 44-1 | 115120.39 | 116486.46 | 116051.64 | 115886.16 | 0.60 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 472.23 | 460.93 | 453.89 | 462.35 | 2.00 | ppb |
| Cobalt | 59-2 | 477.21 | 469.92 | 477.01 | 474.71 | 0.87 | ppb |
| Copper | 63-2 | 4729.62 | 4637.83 | 4648.99 | 4672.14 | 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 | | | | 109 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 107 | | % |
| Indium | 115-2 | | | | 106 | | % |
| Iron | 56-2 | 28043.77 | 28346.76 | 27934.60 | 28108.38 | 0.76 | ppb |
| Iron | 57-2 | 28817.43 | 28391.56 | 28553.25 | 28587.41 | 0.75 | ppb |
| Iron | 54-2 | 27860.30 | 28344.96 | 28546.03 | 28250.43 | 1.25 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MS | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:56:29 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2512.82 | 2560.88 | 2540.11 | 2537.94 | 0.95 | ppb |
| Lead | 207-1 | 2482.12 | 2617.47 | 2523.80 | 2541.13 | 2.73 | ppb |
| Lead | 208-1 | 2507.17 | 2589.66 | 2513.76 | 2536.86 | 1.81 | ppb |
| Lithium | 6-1 | | | | 100 | | % |
| Magnesium | 24-2 | 59797.52 | 61054.67 | 59236.11 | 60029.43 | 1.55 | ppb |
| Manganese | 55-2 | 4663.65 | 4605.22 | 4522.86 | 4597.24 | 1.54 | ppb |
| Molybdenum | 94-1 | 2254.76 | 2189.37 | 2218.28 | 2220.80 | 1.48 | ppb |
| Molybdenum | 95-1 | 1689.24 | 1661.10 | 1680.52 | 1676.96 | 0.86 | ppb |
| Molybdenum | 96-1 | 1729.25 | 1734.68 | 1749.54 | 1737.82 | 0.60 | ppb |
| Molybdenum | 97-1 | 1710.26 | 1655.57 | 1710.11 | 1691.98 | 1.86 | ppb |
| Molybdenum | 98-1 | 1704.27 | 1657.33 | 1663.37 | 1674.99 | 1.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 477.15 | 478.52 | 479.36 | 478.34 | 0.23 | ppb |
| Phosphorus | 31-2 | 1020.51 | 1032.56 | 1001.63 | 1018.23 | 1.53 | ppb |
| Potassium | 39-2 | 38356.01 | 38848.41 | 38321.71 | 38508.71 | 0.77 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 108 | | % |
| Scandium | 45-2 | | | | 108 | | % |
| Selenium | 82-1 | 475.67 | 470.99 | 476.67 | 474.45 | 0.64 | ppb |
| Selenium | 77-2 | 474.50 | 474.23 | 475.16 | 474.63 | 0.10 | ppb |
| Selenium | 78-2 | 480.93 | 479.62 | 484.32 | 481.62 | 0.50 | ppb |
| Silicon | 28-1 | 564.15 | 580.48 | 562.14 | 568.92 | 1.77 | ppb |
| Silver | 107-1 | 80.21 | 79.29 | 79.65 | 79.72 | 0.58 | ppb |
| Silver | 109-1 | 79.34 | 77.97 | 78.90 | 78.74 | 0.89 | ppb |
| Sodium | 23-2 | 200650.78 | 199951.79 | 200387.91 | 200330.16 | 0.18 | ppb |
| Strontium | 86-1 | 698.23 | 691.54 | 702.12 | 697.30 | 0.77 | ppb |
| Strontium | 88-1 | 709.27 | 707.50 | 710.82 | 709.20 | 0.23 | ppb |
| Sulfur | 34-1 | 35187.89 | 34132.81 | 34771.35 | 34697.35 | 1.53 | ppb |
| Terbium | 159-1 | | | | 109 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 454.10 | 489.24 | 465.36 | 469.56 | 3.82 | ppb |
| Thallium | 205-1 | 466.84 | 486.56 | 472.23 | 475.21 | 2.14 | ppb |
| Tin | 118-1 | 450.51 | 439.01 | 441.53 | 443.68 | 1.36 | ppb |
| Titanium | 47-1 | 81.69 | 80.61 | 82.13 | 81.48 | 0.96 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MS | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:56:29 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 461.18 | 457.80 | 446.44 | 455.14 | 1.70 | ppb |
| Vanadium | 51-2 | 492.15 | 494.19 | 488.52 | 491.62 | 0.58 | ppb |
| Yttrium | 89-1 | | | | 111 | | % |
| Yttrium | 89-2 | | | | 108 | | % |
| Zinc | 66-2 | 8117.04 | 8023.20 | 7842.11 | 7994.12 | 1.75 | ppb |
| Zirconium | 90-1 | 456.63 | 450.70 | 453.75 | 453.69 | 0.65 | ppb |
| Zirconium | 91-1 | 449.91 | 452.41 | 454.10 | 452.14 | 0.47 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MSD | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:59:25 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10677.90 | 10773.78 | 10742.46 | 10731.38 | 0.46 | ppb |
| Antimony | 121-1 | 488.88 | 472.81 | 495.90 | 485.86 | 2.44 | ppb |
| Arsenic | 75-2 | 471.90 | 467.07 | 487.62 | 475.53 | 2.26 | ppb |
| Barium | 135-1 | 2273.98 | 2192.18 | 2268.16 | 2244.77 | 2.03 | ppb |
| Barium | 137-1 | 2257.35 | 2171.44 | 2212.10 | 2213.63 | 1.94 | ppb |
| Beryllium | 9-1 | 470.85 | 479.38 | 474.68 | 474.97 | 0.90 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 471.76 | 455.38 | 465.66 | 464.27 | 1.78 | ppb |
| Cadmium | 106-1 | 485.83 | 473.20 | 487.69 | 482.24 | 1.63 | ppb |
| Cadmium | 111-1 | 482.25 | 460.63 | 484.13 | 475.67 | 2.75 | ppb |
| Calcium | 43-1 | 114400.97 | 118653.09 | 117981.79 | 117011.95 | 1.95 | ppb |
| Calcium | 44-1 | 112293.56 | 114208.60 | 115490.07 | 113997.41 | 1.41 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 455.15 | 454.71 | 451.47 | 453.77 | 0.44 | ppb |
| Cobalt | 59-2 | 468.96 | 472.33 | 480.20 | 473.83 | 1.22 | ppb |
| Copper | 63-2 | 4702.52 | 4771.10 | 4630.94 | 4701.52 | 1.49 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 112 | | % |
| Indium | 115-1 | | | | 109 | | % |
| Indium | 115-2 | | | | 108 | | % |
| Iron | 56-2 | 27617.84 | 27944.92 | 27933.92 | 27832.23 | 0.67 | ppb |
| Iron | 57-2 | 28107.12 | 28414.77 | 28612.73 | 28378.21 | 0.90 | ppb |
| Iron | 54-2 | 27958.79 | 27981.06 | 28603.40 | 28181.08 | 1.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MSD | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:59:25 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2576.47 | 2610.98 | 2510.15 | 2565.87 | 2.00 | ppb |
| Lead | 207-1 | 2502.98 | 2578.95 | 2530.09 | 2537.34 | 1.52 | ppb |
| Lead | 208-1 | 2559.68 | 2577.44 | 2498.32 | 2545.15 | 1.63 | ppb |
| Lithium | 6-1 | | | | 103 | | % |
| Magnesium | 24-2 | 60096.10 | 62384.84 | 61117.50 | 61199.48 | 1.87 | ppb |
| Manganese | 55-2 | 4574.04 | 4448.55 | 4583.94 | 4535.51 | 1.66 | ppb |
| Molybdenum | 94-1 | 2159.11 | 2143.93 | 2193.40 | 2165.48 | 1.17 | ppb |
| Molybdenum | 95-1 | 1676.34 | 1653.21 | 1717.10 | 1682.22 | 1.92 | ppb |
| Molybdenum | 96-1 | 1750.48 | 1756.09 | 1775.58 | 1760.72 | 0.75 | ppb |
| Molybdenum | 97-1 | 1687.67 | 1647.61 | 1684.79 | 1673.36 | 1.34 | ppb |
| Molybdenum | 98-1 | 1690.19 | 1641.93 | 1656.97 | 1663.03 | 1.49 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 469.67 | 476.00 | 474.83 | 473.50 | 0.71 | ppb |
| Phosphorus | 31-2 | 983.89 | 1035.98 | 968.74 | 996.20 | 3.54 | ppb |
| Potassium | 39-2 | 38616.41 | 38370.65 | 37777.45 | 38254.84 | 1.13 | ppb |
| Rhodium | 103-1 | | | | 107 | | % |
| Rhodium | 103-2 | | | | 105 | | % |
| Scandium | 45-1 | | | | 110 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 466.23 | 471.29 | 474.54 | 470.69 | 0.89 | ppb |
| Selenium | 77-2 | 469.81 | 467.46 | 482.02 | 473.10 | 1.65 | ppb |
| Selenium | 78-2 | 466.97 | 467.12 | 483.28 | 472.46 | 1.98 | ppb |
| Silicon | 28-1 | 550.66 | 568.84 | 573.32 | 564.27 | 2.13 | ppb |
| Silver | 107-1 | 78.85 | 75.30 | 79.53 | 77.90 | 2.91 | ppb |
| Silver | 109-1 | 76.96 | 74.09 | 76.76 | 75.93 | 2.11 | ppb |
| Sodium | 23-2 | 200470.36 | 203270.35 | 198042.23 | 200594.32 | 1.30 | ppb |
| Strontium | 86-1 | 695.88 | 684.57 | 689.66 | 690.03 | 0.82 | ppb |
| Strontium | 88-1 | 704.75 | 697.33 | 717.86 | 706.64 | 1.47 | ppb |
| Sulfur | 34-1 | 33862.84 | 36857.39 | 34692.60 | 35137.61 | 4.40 | ppb |
| Terbium | 159-1 | | | | 112 | | % |
| Terbium | 159-2 | | | | 112 | | % |
| Thallium | 203-1 | 467.33 | 484.05 | 469.90 | 473.76 | 1.90 | ppb |
| Thallium | 205-1 | 487.38 | 477.75 | 479.37 | 481.50 | 1.07 | ppb |
| Tin | 118-1 | 446.64 | 431.48 | 437.83 | 438.65 | 1.74 | ppb |
| Titanium | 47-1 | 80.54 | 84.13 | 81.30 | 81.99 | 2.31 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MSD | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:59:25 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 457.32 | 458.68 | 451.72 | 455.91 | 0.81 | ppb |
| Vanadium | 51-2 | 480.11 | 484.38 | 481.05 | 481.85 | 0.47 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 111 | | % |
| Zinc | 66-2 | 7811.58 | 8001.18 | 7995.51 | 7936.09 | 1.36 | ppb |
| Zirconium | 90-1 | 451.52 | 449.90 | 456.42 | 452.61 | 0.75 | ppb |
| Zirconium | 91-1 | 444.10 | 445.22 | 449.72 | 446.35 | 0.67 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04A | Instrumnet Name : | P7 |
| Client Sample ID : | 3444A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:02:13 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10920.89 | 10774.01 | 10641.35 | 10778.75 | 1.30 | ppb |
| Antimony | 121-1 | 486.96 | 501.30 | 487.27 | 491.84 | 1.67 | ppb |
| Arsenic | 75-2 | 484.50 | 492.23 | 478.35 | 485.03 | 1.43 | ppb |
| Barium | 135-1 | 2180.63 | 2332.04 | 2223.41 | 2245.36 | 3.48 | ppb |
| Barium | 137-1 | 2178.20 | 2288.94 | 2274.11 | 2247.08 | 2.68 | ppb |
| Beryllium | 9-1 | 482.49 | 495.83 | 487.62 | 488.65 | 1.38 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 468.48 | 480.62 | 472.61 | 473.90 | 1.30 | ppb |
| Cadmium | 106-1 | 489.37 | 501.88 | 474.52 | 488.59 | 2.80 | ppb |
| Cadmium | 111-1 | 480.62 | 495.60 | 484.12 | 486.78 | 1.61 | ppb |
| Calcium | 43-1 | 115895.45 | 118883.72 | 119115.22 | 117964.80 | 1.52 | ppb |
| Calcium | 44-1 | 111944.05 | 115993.67 | 115819.56 | 114585.76 | 2.00 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 460.58 | 464.78 | 462.74 | 462.70 | 0.45 | ppb |
| Cobalt | 59-2 | 491.39 | 491.82 | 484.43 | 489.21 | 0.85 | ppb |
| Copper | 63-2 | 4710.35 | 4662.18 | 4702.01 | 4691.52 | 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 | | | | 111 | | % |
| Holmium | 165-2 | | | | 112 | | % |
| Indium | 115-1 | | | | 109 | | % |
| Indium | 115-2 | | | | 107 | | % |
| Iron | 56-2 | 28151.20 | 28326.34 | 28084.07 | 28187.20 | 0.44 | ppb |
| Iron | 57-2 | 28624.80 | 28547.38 | 29352.63 | 28841.60 | 1.54 | ppb |
| Iron | 54-2 | 28947.94 | 27799.24 | 28993.50 | 28580.22 | 2.37 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04A | Instrumnet Name : | P7 |
| Client Sample ID : | 3444A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:02:13 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2505.49 | 2623.08 | 2586.96 | 2571.84 | 2.34 | ppb |
| Lead | 207-1 | 2553.86 | 2618.35 | 2568.02 | 2580.07 | 1.31 | ppb |
| Lead | 208-1 | 2544.86 | 2601.25 | 2589.96 | 2578.69 | 1.16 | ppb |
| Lithium | 6-1 | | | | 102 | | % |
| Magnesium | 24-2 | 60806.95 | 59829.98 | 59767.68 | 60134.87 | 0.97 | ppb |
| Manganese | 55-2 | 4530.81 | 4528.98 | 4582.99 | 4547.60 | 0.67 | ppb |
| Molybdenum | 94-1 | 2199.92 | 2197.75 | 2259.35 | 2219.01 | 1.58 | ppb |
| Molybdenum | 95-1 | 1717.57 | 1682.99 | 1706.03 | 1702.20 | 1.03 | ppb |
| Molybdenum | 96-1 | 1774.92 | 1726.51 | 1805.55 | 1768.99 | 2.25 | ppb |
| Molybdenum | 97-1 | 1717.67 | 1688.71 | 1708.58 | 1704.99 | 0.87 | ppb |
| Molybdenum | 98-1 | 1701.15 | 1656.83 | 1705.47 | 1687.82 | 1.59 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 486.64 | 482.54 | 485.10 | 484.76 | 0.43 | ppb |
| Phosphorus | 31-2 | 1024.75 | 983.25 | 1048.23 | 1018.74 | 3.23 | ppb |
| Potassium | 39-2 | 38931.94 | 38447.96 | 38804.74 | 38728.21 | 0.65 | ppb |
| Rhodium | 103-1 | | | | 106 | | % |
| Rhodium | 103-2 | | | | 107 | | % |
| Scandium | 45-1 | | | | 111 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 478.16 | 472.43 | 490.41 | 480.33 | 1.91 | ppb |
| Selenium | 77-2 | 498.29 | 514.84 | 475.88 | 496.34 | 3.94 | ppb |
| Selenium | 78-2 | 488.40 | 488.62 | 478.38 | 485.13 | 1.21 | ppb |
| Silicon | 28-1 | 548.58 | 553.37 | 568.99 | 556.98 | 1.92 | ppb |
| Silver | 107-1 | 78.77 | 81.26 | 79.57 | 79.87 | 1.59 | ppb |
| Silver | 109-1 | 76.62 | 79.59 | 78.10 | 78.10 | 1.90 | ppb |
| Sodium | 23-2 | 199500.88 | 199612.91 | 201863.66 | 200325.82 | 0.67 | ppb |
| Strontium | 86-1 | 704.47 | 698.06 | 721.80 | 708.11 | 1.73 | ppb |
| Strontium | 88-1 | 727.02 | 715.30 | 732.72 | 725.01 | 1.23 | ppb |
| Sulfur | 34-1 | 33799.13 | 37727.85 | 34828.92 | 35451.97 | 5.75 | ppb |
| Terbium | 159-1 | | | | 113 | | % |
| Terbium | 159-2 | | | | 111 | | % |
| Thallium | 203-1 | 470.24 | 488.88 | 490.01 | 483.04 | 2.30 | ppb |
| Thallium | 205-1 | 478.51 | 500.10 | 492.67 | 490.43 | 2.24 | ppb |
| Tin | 118-1 | 431.94 | 453.18 | 447.53 | 444.22 | 2.48 | ppb |
| Titanium | 47-1 | 78.60 | 81.21 | 83.52 | 81.11 | 3.04 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04A | Instrumnet Name : | P7 |
| Client Sample ID : | 3444A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:02:13 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 461.70 | 472.08 | 463.47 | 465.75 | 1.19 | ppb |
| Vanadium | 51-2 | 495.87 | 494.66 | 500.15 | 496.89 | 0.58 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 111 | | % |
| Zinc | 66-2 | 8003.89 | 8049.17 | 8113.48 | 8055.51 | 0.68 | ppb |
| Zirconium | 90-1 | 474.82 | 458.24 | 466.67 | 466.58 | 1.78 | ppb |
| Zirconium | 91-1 | 460.50 | 454.16 | 467.59 | 460.75 | 1.46 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:08:34 | DataFile Name : | 044CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.28 | -0.52 | -0.37 | -0.39 | | ppb |
| Antimony | 121-1 | 0.02 | 0.01 | 0.02 | 0.02 | 36.80 | ppb |
| Arsenic | 75-2 | -0.01 | -0.02 | -0.02 | -0.01 | | ppb |
| Barium | 135-1 | 0.00 | 0.01 | 0.01 | 0.01 | 38.60 | ppb |
| Barium | 137-1 | 0.02 | 0.00 | 0.01 | 0.01 | 119.88 | ppb |
| Beryllium | 9-1 | 0.02 | 0.01 | 0.02 | 0.01 | 40.70 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.03 | 0.11 | 0.08 | 0.05 | 135.64 | ppb |
| Cadmium | 106-1 | -1.88 | -1.89 | -1.95 | -1.90 | | ppb |
| Cadmium | 111-1 | -0.11 | -0.11 | -0.14 | -0.12 | | ppb |
| Calcium | 43-1 | -6.17 | -1.76 | -1.87 | -3.27 | | ppb |
| Calcium | 44-1 | 8.61 | 8.67 | 14.07 | 10.45 | 29.99 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.02 | -0.02 | 0.06 | 0.02 | 229.76 | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.27 | 0.26 | 0.32 | 0.29 | 10.28 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 0.53 | 0.45 | 0.59 | 0.52 | 12.82 | ppb |
| Iron | 57-2 | 2.99 | 3.55 | 0.44 | 2.33 | 71.23 | ppb |
| Iron | 54-2 | 0.50 | -0.34 | 0.49 | 0.22 | 224.08 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:08:34 | DataFile Name : | 044CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.03 | 0.02 | 0.02 | 0.03 | 23.09 | ppb |
| Lead | 207-1 | 0.05 | 0.04 | 0.04 | 0.04 | 14.65 | ppb |
| Lead | 208-1 | 0.04 | 0.04 | 0.03 | 0.04 | 11.33 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 0.44 | 0.77 | 0.68 | 0.63 | 26.73 | ppb |
| Manganese | 55-2 | -0.01 | -0.02 | 0.00 | -0.01 | | ppb |
| Molybdenum | 94-1 | 0.06 | 0.04 | 0.03 | 0.04 | 42.05 | ppb |
| Molybdenum | 95-1 | 0.02 | 0.02 | 0.05 | 0.03 | 48.21 | ppb |
| Molybdenum | 96-1 | 0.04 | 0.00 | 0.02 | 0.02 | 92.66 | ppb |
| Molybdenum | 97-1 | 0.02 | 0.04 | 0.04 | 0.03 | 24.61 | ppb |
| Molybdenum | 98-1 | 0.01 | 0.00 | 0.03 | 0.01 | 98.99 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.08 | -0.07 | -0.09 | -0.08 | | ppb |
| Phosphorus | 31-2 | -26.27 | -37.66 | -35.08 | -33.00 | | ppb |
| Potassium | 39-2 | 11.89 | 8.09 | 11.04 | 10.34 | 19.28 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | -0.74 | -0.48 | 0.19 | -0.34 | | ppb |
| Selenium | 77-2 | 0.07 | -0.16 | 0.31 | 0.07 | 313.98 | ppb |
| Selenium | 78-2 | -1.06 | -0.20 | 0.26 | -0.33 | | ppb |
| Silicon | 28-1 | 0.55 | 0.46 | 0.79 | 0.60 | 28.42 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 8.41 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.01 | 0.01 | 36.32 | ppb |
| Sodium | 23-2 | 55.16 | 55.26 | 56.67 | 55.70 | 1.52 | ppb |
| Strontium | 86-1 | 0.01 | 0.05 | 0.07 | 0.04 | 71.16 | ppb |
| Strontium | 88-1 | 0.01 | 0.01 | 0.01 | 0.01 | 9.47 | ppb |
| Sulfur | 34-1 | -318.78 | -262.19 | -15.64 | -198.87 | | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.06 | 0.06 | 0.06 | 0.06 | 3.62 | ppb |
| Thallium | 205-1 | 0.05 | 0.06 | 0.05 | 0.05 | 12.84 | ppb |
| Tin | 118-1 | 0.07 | 0.08 | 0.07 | 0.07 | 5.17 | ppb |
| Titanium | 47-1 | -0.04 | 0.05 | 0.03 | 0.02 | 292.57 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:08:34 | DataFile Name : | 044CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.01 | 0.01 | 0.01 | 45.04 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 0.20 | 0.00 | -0.10 | 0.03 | 425.55 | ppb |
| Zirconium | 90-1 | 0.01 | 0.02 | 0.02 | 0.02 | 40.52 | ppb |
| Zirconium | 91-1 | 0.02 | 0.00 | 0.02 | 0.01 | 56.94 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:11:59 | DataFile Name : | 045CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 51653.82 | 50046.48 | 50026.27 | 50575.52 | 1.85 | ppb |
| Antimony | 121-1 | 515.37 | 526.84 | 502.95 | 515.06 | 2.32 | ppb |
| Arsenic | 75-2 | 486.55 | 488.56 | 489.18 | 488.10 | 0.28 | ppb |
| Barium | 135-1 | 2601.59 | 2624.34 | 2600.89 | 2608.94 | 0.51 | ppb |
| Barium | 137-1 | 2587.74 | 2629.82 | 2551.24 | 2589.60 | 1.52 | ppb |
| Beryllium | 9-1 | 501.32 | 506.37 | 503.60 | 503.76 | 0.50 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 498.57 | 507.87 | 485.38 | 497.27 | 2.27 | ppb |
| Cadmium | 106-1 | 513.19 | 512.24 | 483.45 | 502.96 | 3.36 | ppb |
| Cadmium | 111-1 | 502.42 | 502.47 | 485.31 | 496.73 | 1.99 | ppb |
| Calcium | 43-1 | 253563.80 | 259847.97 | 253004.50 | 255472.09 | 1.49 | ppb |
| Calcium | 44-1 | 245968.15 | 255345.79 | 250197.17 | 250503.70 | 1.87 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 508.13 | 486.19 | 486.49 | 493.61 | 2.55 | ppb |
| Cobalt | 59-2 | 496.60 | 497.88 | 489.00 | 494.49 | 0.97 | ppb |
| Copper | 63-2 | 5064.04 | 4905.07 | 4854.42 | 4941.18 | 2.21 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 130964.98 | 131632.92 | 128690.11 | 130429.34 | 1.18 | ppb |
| Iron | 57-2 | 130500.67 | 128689.80 | 127453.00 | 128881.16 | 1.19 | ppb |
| Iron | 54-2 | 131189.74 | 127080.41 | 128165.61 | 128811.92 | 1.65 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:11:59 | DataFile Name : | 045CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2567.15 | 2587.68 | 2601.02 | 2585.28 | 0.66 | ppb |
| Lead | 207-1 | 2541.56 | 2517.77 | 2516.91 | 2525.41 | 0.55 | ppb |
| Lead | 208-1 | 2581.25 | 2517.58 | 2539.46 | 2546.10 | 1.27 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 253473.63 | 252830.14 | 249393.38 | 251899.05 | 0.87 | ppb |
| Manganese | 55-2 | 5116.66 | 4981.00 | 4925.72 | 5007.79 | 1.96 | ppb |
| Molybdenum | 94-1 | 5089.62 | 5074.97 | 4922.73 | 5029.11 | 1.84 | ppb |
| Molybdenum | 95-1 | 4914.73 | 4994.13 | 5017.89 | 4975.58 | 1.09 | ppb |
| Molybdenum | 96-1 | 4972.79 | 5046.79 | 5053.84 | 5024.47 | 0.89 | ppb |
| Molybdenum | 97-1 | 4942.41 | 5038.74 | 4951.55 | 4977.57 | 1.07 | ppb |
| Molybdenum | 98-1 | 4880.84 | 5004.86 | 4972.56 | 4952.75 | 1.30 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 494.55 | 483.54 | 479.40 | 485.83 | 1.61 | ppb |
| Phosphorus | 31-2 | 10182.19 | 9980.79 | 10103.38 | 10088.79 | 1.01 | ppb |
| Potassium | 39-2 | 128777.17 | 127443.39 | 127327.90 | 127849.49 | 0.63 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 466.71 | 469.97 | 470.38 | 469.02 | 0.43 | ppb |
| Selenium | 77-2 | 464.86 | 459.69 | 480.73 | 468.43 | 2.34 | ppb |
| Selenium | 78-2 | 467.04 | 471.71 | 478.07 | 472.28 | 1.17 | ppb |
| Silicon | 28-1 | 517.22 | 529.76 | 522.67 | 523.22 | 1.20 | ppb |
| Silver | 107-1 | 521.64 | 513.52 | 497.59 | 510.92 | 2.39 | ppb |
| Silver | 109-1 | 520.25 | 514.53 | 495.20 | 509.99 | 2.57 | ppb |
| Sodium | 23-2 | 257353.97 | 251415.87 | 253180.32 | 253983.39 | 1.20 | ppb |
| Strontium | 86-1 | 495.15 | 498.84 | 501.24 | 498.41 | 0.61 | ppb |
| Strontium | 88-1 | 504.80 | 508.44 | 511.88 | 508.37 | 0.70 | ppb |
| Sulfur | 34-1 | 9456.38 | 9671.84 | 9618.26 | 9582.16 | 1.17 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 515.74 | 520.52 | 519.14 | 518.46 | 0.47 | ppb |
| Thallium | 205-1 | 519.34 | 543.15 | 519.48 | 527.32 | 2.60 | ppb |
| Tin | 118-1 | 528.07 | 526.91 | 509.04 | 521.34 | 2.05 | ppb |
| Titanium | 47-1 | 5052.27 | 5120.33 | 5061.57 | 5078.06 | 0.73 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:11:59 | DataFile Name : | 045CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 507.86 | 508.46 | 506.43 | 507.58 | 0.21 | ppb |
| Vanadium | 51-2 | 508.71 | 508.53 | 502.68 | 506.64 | 0.68 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 4949.97 | 4702.87 | 4670.79 | 4774.54 | 3.20 | ppb |
| Zirconium | 90-1 | 496.62 | 502.83 | 506.69 | 502.05 | 1.01 | ppb |
| Zirconium | 91-1 | 496.63 | 497.95 | 496.95 | 497.17 | 0.14 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:18:19 | DataFile Name : | 047CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.03 | -0.22 | 0.15 | -0.03 | | ppb |
| Antimony | 121-1 | 0.04 | 0.04 | 0.05 | 0.04 | 11.72 | ppb |
| Arsenic | 75-2 | -0.02 | -0.01 | 0.00 | -0.01 | | ppb |
| Barium | 135-1 | -0.01 | 0.00 | -0.01 | -0.01 | | ppb |
| Barium | 137-1 | -0.02 | 0.00 | 0.00 | -0.01 | | ppb |
| Beryllium | 9-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.02 | 0.05 | -0.13 | -0.03 | | ppb |
| Cadmium | 106-1 | 0.16 | -2.16 | -2.75 | -1.58 | | ppb |
| Cadmium | 111-1 | 0.01 | -0.15 | -0.18 | -0.11 | | ppb |
| Calcium | 43-1 | 3.54 | -0.75 | 5.24 | 2.68 | 115.45 | ppb |
| Calcium | 44-1 | 16.02 | 9.70 | 9.38 | 11.70 | 32.04 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.04 | -0.07 | -0.04 | -0.05 | | ppb |
| Cobalt | 59-2 | -0.02 | -0.01 | -0.02 | -0.02 | | ppb |
| Copper | 63-2 | 0.18 | 0.16 | 0.12 | 0.15 | 20.01 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 1.98 | 2.05 | 2.61 | 2.21 | 15.73 | ppb |
| Iron | 57-2 | 3.72 | 5.06 | 2.21 | 3.66 | 38.97 | ppb |
| Iron | 54-2 | 1.69 | 1.69 | 0.01 | 1.13 | 85.88 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:18:19 | DataFile Name : | 047CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.01 | 0.02 | 0.02 | 0.02 | 42.97 | ppb |
| Lead | 207-1 | 0.04 | 0.03 | 0.03 | 0.03 | 17.39 | ppb |
| Lead | 208-1 | 0.03 | 0.03 | 0.02 | 0.03 | 7.27 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 0.60 | 0.35 | 0.43 | 0.46 | 27.39 | ppb |
| Manganese | 55-2 | -0.05 | -0.01 | -0.01 | -0.02 | | ppb |
| Molybdenum | 94-1 | 0.02 | 0.03 | 0.03 | 0.02 | 8.95 | ppb |
| Molybdenum | 95-1 | 0.02 | 0.05 | 0.05 | 0.04 | 39.51 | ppb |
| Molybdenum | 96-1 | 0.00 | 0.00 | 0.03 | 0.01 | 132.92 | ppb |
| Molybdenum | 97-1 | 0.01 | 0.00 | 0.01 | 0.01 | 76.74 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.02 | 0.00 | 0.01 | 113.78 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.13 | -0.17 | -0.17 | -0.15 | | ppb |
| Phosphorus | 31-2 | -28.52 | -34.43 | -38.15 | -33.70 | | ppb |
| Potassium | 39-2 | 16.52 | 16.47 | 10.70 | 14.57 | 22.98 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 100 | | % |
| Selenium | 82-1 | -0.93 | -0.39 | 0.68 | -0.21 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | 0.11 | 1.02 | 1.32 | 0.82 | 77.65 | ppb |
| Silicon | 28-1 | 0.72 | 0.50 | 0.29 | 0.50 | 41.86 | ppb |
| Silver | 107-1 | 0.01 | 0.02 | 0.01 | 0.01 | 35.01 | ppb |
| Silver | 109-1 | 0.01 | 0.01 | 0.00 | 0.01 | 26.68 | ppb |
| Sodium | 23-2 | 53.14 | 52.14 | 48.68 | 51.32 | 4.56 | ppb |
| Strontium | 86-1 | 0.01 | 0.04 | 0.05 | 0.03 | 54.10 | ppb |
| Strontium | 88-1 | 0.00 | 0.00 | 0.00 | 0.00 | 21.72 | ppb |
| Sulfur | 34-1 | 295.60 | 153.08 | -30.46 | 139.41 | 117.25 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.05 | 0.03 | 0.02 | 0.03 | 35.96 | ppb |
| Thallium | 205-1 | 0.03 | 0.02 | 0.02 | 0.02 | 10.51 | ppb |
| Tin | 118-1 | 0.07 | 0.07 | 0.07 | 0.07 | 2.13 | ppb |
| Titanium | 47-1 | 0.06 | 0.03 | -0.03 | 0.02 | 200.06 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:18:19 | DataFile Name : | 047CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 0.49 | 0.28 | 0.18 | 0.32 | 49.67 | ppb |
| Zirconium | 90-1 | 0.01 | 0.01 | 0.01 | 0.01 | 19.13 | ppb |
| Zirconium | 91-1 | 0.02 | 0.01 | 0.00 | 0.01 | 67.83 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-085011-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:21:38 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 63210.45 | 62888.27 | 62053.07 | 62717.26 | 0.95 | ppb |
| Antimony | 121-1 | 1.68 | 1.82 | 1.85 | 1.78 | 4.97 | ppb |
| Arsenic | 75-2 | 232.04 | 240.39 | 238.94 | 237.12 | 1.88 | ppb |
| Barium | 135-1 | 1946.21 | 2036.45 | 2106.95 | 2029.87 | 3.97 | ppb |
| Barium | 137-1 | 1929.83 | 2089.37 | 2123.70 | 2047.63 | 5.05 | ppb |
| Beryllium | 9-1 | 4.31 | 4.49 | 4.98 | 4.59 | 7.50 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 110 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 29.54 | 30.14 | 29.20 | 29.63 | 1.59 | ppb |
| Cadmium | 106-1 | 30.94 | 36.76 | 34.65 | 34.12 | 8.64 | ppb |
| Cadmium | 111-1 | 28.11 | 30.96 | 30.53 | 29.87 | 5.15 | ppb |
| Calcium | 43-1 | 26413.06 | 28255.52 | 28618.51 | 27762.36 | 4.26 | ppb |
| Calcium | 44-1 | 24970.08 | 26778.72 | 27815.12 | 26521.31 | 5.43 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 894.43 | 889.34 | 909.53 | 897.76 | 1.17 | ppb |
| Cobalt | 59-2 | 52.88 | 52.36 | 52.89 | 52.71 | 0.57 | ppb |
| Copper | 63-2 | 1793.77 | 1808.73 | 1857.91 | 1820.14 | 1.84 | 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 | | | | 108 | | % |
| Holmium | 165-2 | | | | 113 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 171975.76 | 176320.80 | 178205.33 | 175500.63 | 1.82 | ppb |
| Iron | 57-2 | 169734.86 | 171675.72 | 172437.11 | 171282.56 | 0.81 | ppb |
| Iron | 54-2 | 173718.25 | 173162.03 | 175760.58 | 174213.62 | 0.79 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-085011-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:21:38 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2847.10 | 3024.60 | 2971.65 | 2947.78 | 3.09 | ppb |
| Lead | 207-1 | 2736.51 | 2929.35 | 2936.51 | 2867.46 | 3.96 | ppb |
| Lead | 208-1 | 2799.94 | 2963.43 | 2934.24 | 2899.20 | 3.01 | ppb |
| Lithium | 6-1 | | | | 101 | | % |
| Magnesium | 24-2 | 33118.23 | 32604.64 | 32873.46 | 32865.44 | 0.78 | ppb |
| Manganese | 55-2 | 1639.81 | 1633.73 | 1665.61 | 1646.38 | 1.03 | ppb |
| Molybdenum | 94-1 | 83.14 | 84.89 | 86.11 | 84.71 | 1.77 | ppb |
| Molybdenum | 95-1 | 7.79 | 8.05 | 8.09 | 7.98 | 2.05 | ppb |
| Molybdenum | 96-1 | 16.59 | 16.83 | 17.12 | 16.85 | 1.58 | ppb |
| Molybdenum | 97-1 | 7.93 | 8.04 | 8.19 | 8.05 | 1.66 | ppb |
| Molybdenum | 98-1 | 7.71 | 7.83 | 7.82 | 7.78 | 0.85 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 254.61 | 257.04 | 254.76 | 255.47 | 0.53 | ppb |
| Phosphorus | 31-2 | 6584.65 | 6647.70 | 6699.61 | 6643.99 | 0.87 | ppb |
| Potassium | 39-2 | 14412.59 | 14438.42 | 14132.73 | 14327.91 | 1.18 | ppb |
| Rhodium | 103-1 | | | | 105 | | % |
| Rhodium | 103-2 | | | | 107 | | % |
| Scandium | 45-1 | | | | 116 | | % |
| Scandium | 45-2 | | | | 117 | | % |
| Selenium | 82-1 | 17.50 | 17.71 | 18.11 | 17.77 | 1.74 | ppb |
| Selenium | 77-2 | 42.63 | 49.51 | 40.38 | 44.17 | 10.76 | ppb |
| Selenium | 78-2 | 18.33 | 21.93 | 20.77 | 20.34 | 9.04 | ppb |
| Silicon | 28-1 | 103.17 | 109.35 | 114.72 | 109.08 | 5.30 | ppb |
| Silver | 107-1 | 30.29 | 32.77 | 33.31 | 32.12 | 5.01 | ppb |
| Silver | 109-1 | 29.69 | 32.59 | 32.88 | 31.72 | 5.57 | ppb |
| Sodium | 23-2 | 23158.61 | 23536.93 | 23686.00 | 23460.51 | 1.16 | ppb |
| Strontium | 86-1 | 251.10 | 255.21 | 258.41 | 254.90 | 1.44 | ppb |
| Strontium | 88-1 | 259.42 | 260.70 | 260.40 | 260.18 | 0.26 | ppb |
| Sulfur | 34-1 | 73847.48 | 80897.02 | 81283.98 | 78676.16 | 5.32 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 110 | | % |
| Thallium | 203-1 | 2.39 | 2.53 | 2.45 | 2.46 | 2.78 | ppb |
| Thallium | 205-1 | 2.34 | 2.48 | 2.51 | 2.45 | 3.66 | ppb |
| Tin | 118-1 | 486.11 | 536.97 | 533.90 | 518.99 | 5.50 | ppb |
| Titanium | 47-1 | 1219.49 | 1289.97 | 1351.19 | 1286.88 | 5.12 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-085011-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:21:38 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7.34 | 7.70 | 7.72 | 7.59 | 2.75 | ppb |
| Vanadium | 51-2 | 217.78 | 216.59 | 220.82 | 218.39 | 1.00 | ppb |
| Yttrium | 89-1 | | | | 127 | | % |
| Yttrium | 89-2 | | | | 128 | | % |
| Zinc | 66-2 | 3301.45 | 3254.40 | 3254.93 | 3270.26 | 0.83 | ppb |
| Zirconium | 90-1 | 43.11 | 43.87 | 44.61 | 43.87 | 1.71 | ppb |
| Zirconium | 91-1 | 42.81 | 44.38 | 44.48 | 43.89 | 2.13 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:24:43 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 77782.78 | 77682.61 | 77474.43 | 77646.61 | 0.20 | ppb |
| Antimony | 121-1 | 3.96 | 4.03 | 4.01 | 4.00 | 0.98 | ppb |
| Arsenic | 75-2 | 266.17 | 260.76 | 261.26 | 262.73 | 1.14 | ppb |
| Barium | 135-1 | 2122.13 | 2129.24 | 2111.51 | 2120.96 | 0.42 | ppb |
| Barium | 137-1 | 2108.96 | 2080.39 | 2143.05 | 2110.80 | 1.49 | ppb |
| Beryllium | 9-1 | 7.01 | 7.09 | 7.45 | 7.18 | 3.27 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 65.74 | 68.84 | 68.06 | 67.55 | 2.39 | ppb |
| Cadmium | 106-1 | 70.30 | 72.97 | 71.98 | 71.75 | 1.88 | ppb |
| Cadmium | 111-1 | 67.19 | 66.05 | 65.87 | 66.37 | 1.08 | ppb |
| Calcium | 43-1 | 55349.70 | 54759.55 | 54504.68 | 54871.31 | 0.79 | ppb |
| Calcium | 44-1 | 51811.93 | 52146.33 | 51201.95 | 51720.07 | 0.93 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2101.00 | 2157.13 | 2085.71 | 2114.62 | 1.78 | ppb |
| Cobalt | 59-2 | 81.68 | 81.95 | 81.79 | 81.81 | 0.17 | ppb |
| Copper | 63-2 | 2431.42 | 2449.58 | 2383.75 | 2421.58 | 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 | | | | 109 | | % |
| Indium | 115-1 | | | | 106 | | % |
| Indium | 115-2 | | | | 105 | | % |
| Iron | 56-2 | 232532.24 | 231447.61 | 228297.68 | 230759.18 | 0.95 | ppb |
| Iron | 57-2 | 225590.65 | 226131.45 | 231386.39 | 227702.83 | 1.41 | ppb |
| Iron | 54-2 | 230334.22 | 234296.79 | 231263.09 | 231964.70 | 0.89 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:24:43 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3573.95 | 3539.70 | 3729.68 | 3614.44 | 2.80 | ppb |
| Lead | 207-1 | 3462.20 | 3440.13 | 3530.75 | 3477.70 | 1.36 | ppb |
| Lead | 208-1 | 3498.92 | 3499.27 | 3601.04 | 3533.08 | 1.67 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 48070.77 | 47948.88 | 48374.88 | 48131.51 | 0.46 | ppb |
| Manganese | 55-2 | 2088.54 | 2070.01 | 2076.52 | 2078.35 | 0.45 | ppb |
| Molybdenum | 94-1 | 125.82 | 125.48 | 126.41 | 125.90 | 0.37 | ppb |
| Molybdenum | 95-1 | 19.99 | 19.49 | 19.65 | 19.71 | 1.28 | ppb |
| Molybdenum | 96-1 | 31.99 | 32.24 | 32.26 | 32.16 | 0.48 | ppb |
| Molybdenum | 97-1 | 19.84 | 20.11 | 20.20 | 20.05 | 0.92 | ppb |
| Molybdenum | 98-1 | 19.70 | 19.28 | 19.59 | 19.52 | 1.11 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 533.63 | 539.83 | 532.25 | 535.24 | 0.75 | ppb |
| Phosphorus | 31-2 | 11380.16 | 11208.98 | 11324.91 | 11304.69 | 0.77 | ppb |
| Potassium | 39-2 | 16487.41 | 16089.69 | 16343.30 | 16306.80 | 1.23 | ppb |
| Rhodium | 103-1 | | | | 104 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 117 | | % |
| Scandium | 45-2 | | | | 118 | | % |
| Selenium | 82-1 | 14.68 | 15.66 | 15.49 | 15.28 | 3.41 | ppb |
| Selenium | 77-2 | 44.58 | 43.94 | 43.94 | 44.15 | 0.84 | ppb |
| Selenium | 78-2 | 17.60 | 18.51 | 18.89 | 18.33 | 3.62 | ppb |
| Silicon | 28-1 | 489.42 | 484.86 | 479.54 | 484.61 | 1.02 | ppb |
| Silver | 107-1 | 53.65 | 54.05 | 53.13 | 53.61 | 0.86 | ppb |
| Silver | 109-1 | 53.04 | 52.47 | 52.43 | 52.65 | 0.64 | ppb |
| Sodium | 23-2 | 36289.83 | 36629.23 | 37037.67 | 36652.24 | 1.02 | ppb |
| Strontium | 86-1 | 470.36 | 471.44 | 478.73 | 473.51 | 0.96 | ppb |
| Strontium | 88-1 | 480.08 | 490.07 | 483.89 | 484.68 | 1.04 | ppb |
| Sulfur | 34-1 | 105053.11 | 102902.02 | 106275.00 | 104743.38 | 1.63 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 2.38 | 2.25 | 2.37 | 2.33 | 3.05 | ppb |
| Thallium | 205-1 | 2.33 | 2.27 | 2.38 | 2.33 | 2.29 | ppb |
| Tin | 118-1 | 264.20 | 264.36 | 265.32 | 264.63 | 0.23 | ppb |
| Titanium | 47-1 | 2169.64 | 2180.67 | 2114.79 | 2155.03 | 1.64 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:24:43 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 11.09 | 10.88 | 11.22 | 11.06 | 1.57 | ppb |
| Vanadium | 51-2 | 423.24 | 425.26 | 421.40 | 423.30 | 0.46 | ppb |
| Yttrium | 89-1 | | | | 129 | | % |
| Yttrium | 89-2 | | | | 130 | | % |
| Zinc | 66-2 | 4204.10 | 4117.72 | 4201.15 | 4174.32 | 1.17 | ppb |
| Zirconium | 90-1 | 60.33 | 60.63 | 61.18 | 60.71 | 0.71 | ppb |
| Zirconium | 91-1 | 61.63 | 60.39 | 61.07 | 61.03 | 1.01 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:27:45 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50659.92 | 51358.02 | 51887.45 | 51301.80 | 1.20 | ppb |
| Antimony | 121-1 | 4.61 | 4.64 | 4.38 | 4.54 | 3.16 | ppb |
| Arsenic | 75-2 | 158.11 | 158.69 | 159.88 | 158.89 | 0.57 | ppb |
| Barium | 135-1 | 1452.90 | 1469.38 | 1442.36 | 1454.88 | 0.94 | ppb |
| Barium | 137-1 | 1449.69 | 1486.50 | 1452.00 | 1462.73 | 1.41 | ppb |
| Beryllium | 9-1 | 4.41 | 4.28 | 4.39 | 4.36 | 1.61 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 47.24 | 51.11 | 45.97 | 48.11 | 5.57 | ppb |
| Cadmium | 106-1 | 49.07 | 50.00 | 51.04 | 50.04 | 1.97 | ppb |
| Cadmium | 111-1 | 47.53 | 47.25 | 47.28 | 47.35 | 0.32 | ppb |
| Calcium | 43-1 | 42202.16 | 41730.87 | 42355.37 | 42096.13 | 0.77 | ppb |
| Calcium | 44-1 | 40805.34 | 40091.98 | 40490.46 | 40462.59 | 0.88 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1207.46 | 1204.05 | 1243.90 | 1218.47 | 1.81 | ppb |
| Cobalt | 59-2 | 62.73 | 62.51 | 64.41 | 63.21 | 1.64 | ppb |
| Copper | 63-2 | 1796.85 | 1788.74 | 1822.68 | 1802.76 | 0.98 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 103 | | % |
| Indium | 115-2 | | | | 104 | | % |
| Iron | 56-2 | 139308.39 | 142935.59 | 144669.31 | 142304.43 | 1.92 | ppb |
| Iron | 57-2 | 137590.85 | 141012.59 | 141760.15 | 140121.20 | 1.59 | ppb |
| Iron | 54-2 | 139952.96 | 142293.26 | 145140.47 | 142462.23 | 1.82 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:27:45 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4241.11 | 4134.12 | 4355.59 | 4243.61 | 2.61 | ppb |
| Lead | 207-1 | 4006.64 | 3964.93 | 4078.23 | 4016.60 | 1.43 | ppb |
| Lead | 208-1 | 4166.57 | 4033.48 | 4249.93 | 4149.99 | 2.63 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 42878.25 | 43153.56 | 42606.32 | 42879.38 | 0.64 | ppb |
| Manganese | 55-2 | 1128.30 | 1150.29 | 1142.79 | 1140.46 | 0.98 | ppb |
| Molybdenum | 94-1 | 80.37 | 78.52 | 79.74 | 79.55 | 1.18 | ppb |
| Molybdenum | 95-1 | 16.03 | 15.59 | 15.89 | 15.84 | 1.41 | ppb |
| Molybdenum | 96-1 | 23.64 | 22.66 | 23.30 | 23.20 | 2.14 | ppb |
| Molybdenum | 97-1 | 16.22 | 15.81 | 16.22 | 16.08 | 1.48 | ppb |
| Molybdenum | 98-1 | 15.69 | 15.21 | 15.82 | 15.57 | 2.09 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 499.62 | 500.55 | 513.60 | 504.59 | 1.55 | ppb |
| Phosphorus | 31-2 | 7380.99 | 7478.82 | 7719.27 | 7526.36 | 2.31 | ppb |
| Potassium | 39-2 | 10308.80 | 10717.86 | 10657.65 | 10561.44 | 2.09 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 103 | | % |
| Scandium | 45-1 | | | | 113 | | % |
| Scandium | 45-2 | | | | 111 | | % |
| Selenium | 82-1 | 10.17 | 9.77 | 9.72 | 9.89 | 2.48 | ppb |
| Selenium | 77-2 | 30.11 | 31.35 | 29.68 | 30.38 | 2.84 | ppb |
| Selenium | 78-2 | 14.81 | 13.17 | 14.07 | 14.02 | 5.87 | ppb |
| Silicon | 28-1 | 201.02 | 197.33 | 204.05 | 200.80 | 1.68 | ppb |
| Silver | 107-1 | 34.08 | 34.27 | 34.29 | 34.21 | 0.34 | ppb |
| Silver | 109-1 | 33.59 | 34.01 | 33.39 | 33.66 | 0.93 | ppb |
| Sodium | 23-2 | 32216.23 | 33128.41 | 33062.97 | 32802.54 | 1.55 | ppb |
| Strontium | 86-1 | 286.21 | 281.67 | 282.39 | 283.42 | 0.86 | ppb |
| Strontium | 88-1 | 298.27 | 287.64 | 289.51 | 291.81 | 1.94 | ppb |
| Sulfur | 34-1 | 72885.49 | 70650.18 | 70750.27 | 71428.65 | 1.77 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 1.46 | 1.49 | 1.43 | 1.46 | 2.02 | ppb |
| Thallium | 205-1 | 1.47 | 1.46 | 1.49 | 1.48 | 0.83 | ppb |
| Tin | 118-1 | 175.17 | 178.02 | 172.96 | 175.38 | 1.45 | ppb |
| Titanium | 47-1 | 1496.18 | 1498.81 | 1524.01 | 1506.33 | 1.02 | ppb |

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Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:27:45 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7.04 | 7.02 | 7.25 | 7.11 | 1.78 | ppb |
| Vanadium | 51-2 | 363.98 | 366.35 | 371.08 | 367.14 | 0.98 | ppb |
| Yttrium | 89-1 | | | | 123 | | % |
| Yttrium | 89-2 | | | | 121 | | % |
| Zinc | 66-2 | 3485.75 | 3551.18 | 3560.67 | 3532.54 | 1.15 | ppb |
| Zirconium | 90-1 | 37.79 | 37.36 | 37.39 | 37.51 | 0.65 | ppb |
| Zirconium | 91-1 | 38.12 | 36.94 | 37.52 | 37.52 | 1.57 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:30:53 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 79569.90 | 81955.01 | 81537.43 | 81020.78 | 1.57 | ppb |
| Antimony | 121-1 | 1.76 | 1.84 | 1.85 | 1.81 | 2.82 | ppb |
| Arsenic | 75-2 | 332.44 | 336.88 | 339.12 | 336.15 | 1.01 | ppb |
| Barium | 135-1 | 2419.93 | 2490.99 | 2450.74 | 2453.89 | 1.45 | ppb |
| Barium | 137-1 | 2346.23 | 2472.65 | 2435.98 | 2418.29 | 2.69 | ppb |
| Beryllium | 9-1 | 5.97 | 5.98 | 6.08 | 6.01 | 0.99 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 21.04 | 23.51 | 22.21 | 22.26 | 5.54 | ppb |
| Cadmium | 106-1 | 26.22 | 26.54 | 26.00 | 26.25 | 1.04 | ppb |
| Cadmium | 111-1 | 19.00 | 18.94 | 19.34 | 19.09 | 1.14 | ppb |
| Calcium | 43-1 | 40798.18 | 40857.62 | 41291.51 | 40982.43 | 0.66 | ppb |
| Calcium | 44-1 | 39116.01 | 39628.61 | 39188.01 | 39310.88 | 0.71 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 992.88 | 961.65 | 957.39 | 970.64 | 2.00 | ppb |
| Cobalt | 59-2 | 69.92 | 71.04 | 70.14 | 70.37 | 0.84 | ppb |
| Copper | 63-2 | 1976.26 | 2024.90 | 2017.11 | 2006.09 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 213337.37 | 211255.01 | 212915.56 | 212502.65 | 0.52 | ppb |
| Iron | 57-2 | 205970.60 | 209795.84 | 205215.67 | 206994.04 | 1.19 | ppb |
| Iron | 54-2 | 214335.44 | 207116.57 | 208722.57 | 210058.19 | 1.80 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:30:53 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3552.77 | 3674.07 | 3634.92 | 3620.59 | 1.71 | ppb |
| Lead | 207-1 | 3410.97 | 3488.97 | 3473.51 | 3457.81 | 1.19 | ppb |
| Lead | 208-1 | 3490.66 | 3617.50 | 3535.37 | 3547.84 | 1.81 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 43918.72 | 44236.03 | 44486.79 | 44213.85 | 0.64 | ppb |
| Manganese | 55-2 | 2475.99 | 2467.86 | 2503.20 | 2482.35 | 0.75 | ppb |
| Molybdenum | 94-1 | 101.51 | 105.85 | 101.12 | 102.83 | 2.55 | ppb |
| Molybdenum | 95-1 | 7.62 | 7.81 | 7.45 | 7.63 | 2.32 | ppb |
| Molybdenum | 96-1 | 18.53 | 18.96 | 18.16 | 18.55 | 2.14 | ppb |
| Molybdenum | 97-1 | 7.77 | 7.99 | 7.57 | 7.78 | 2.67 | ppb |
| Molybdenum | 98-1 | 7.48 | 7.84 | 7.47 | 7.60 | 2.83 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 302.06 | 304.88 | 304.49 | 303.81 | 0.50 | ppb |
| Phosphorus | 31-2 | 10927.55 | 11217.85 | 11161.46 | 11102.28 | 1.39 | ppb |
| Potassium | 39-2 | 17583.66 | 17767.27 | 17866.77 | 17739.23 | 0.81 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 117 | | % |
| Scandium | 45-2 | | | | 116 | | % |
| Selenium | 82-1 | 25.20 | 25.31 | 25.94 | 25.48 | 1.56 | ppb |
| Selenium | 77-2 | 55.57 | 60.97 | 56.16 | 57.57 | 5.14 | ppb |
| Selenium | 78-2 | 31.26 | 32.02 | 30.04 | 31.11 | 3.22 | ppb |
| Silicon | 28-1 | 174.95 | 173.91 | 175.25 | 174.70 | 0.40 | ppb |
| Silver | 107-1 | 27.92 | 28.98 | 29.56 | 28.82 | 2.88 | ppb |
| Silver | 109-1 | 27.80 | 28.82 | 28.78 | 28.47 | 2.02 | ppb |
| Sodium | 23-2 | 29491.39 | 30056.01 | 30341.37 | 29962.92 | 1.44 | ppb |
| Strontium | 86-1 | 293.25 | 299.87 | 294.93 | 296.02 | 1.16 | ppb |
| Strontium | 88-1 | 308.36 | 304.36 | 300.03 | 304.25 | 1.37 | ppb |
| Sulfur | 34-1 | 75010.75 | 73155.62 | 72845.18 | 73670.51 | 1.59 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 2.93 | 2.99 | 2.98 | 2.97 | 1.09 | ppb |
| Thallium | 205-1 | 2.87 | 3.02 | 2.96 | 2.95 | 2.60 | ppb |
| Tin | 118-1 | 510.50 | 525.68 | 533.67 | 523.28 | 2.25 | ppb |
| Titanium | 47-1 | 1478.23 | 1501.42 | 1488.53 | 1489.39 | 0.78 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:30:53 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8.65 | 9.02 | 9.00 | 8.89 | 2.32 | ppb |
| Vanadium | 51-2 | 280.11 | 282.13 | 282.32 | 281.52 | 0.44 | ppb |
| Yttrium | 89-1 | | | | 131 | | % |
| Yttrium | 89-2 | | | | 129 | | % |
| Zinc | 66-2 | 3276.93 | 3244.58 | 3228.95 | 3250.15 | 0.75 | ppb |
| Zirconium | 90-1 | 53.30 | 54.49 | 52.88 | 53.56 | 1.56 | ppb |
| Zirconium | 91-1 | 52.99 | 55.10 | 52.76 | 53.62 | 2.41 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:34:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 107064.78 | 105362.98 | 108409.58 | 106945.78 | 1.43 | ppb |
| Antimony | 121-1 | 0.92 | 0.95 | 0.93 | 0.94 | 1.46 | ppb |
| Arsenic | 75-2 | 376.34 | 382.53 | 382.03 | 380.30 | 0.90 | ppb |
| Barium | 135-1 | 837.05 | 895.78 | 853.60 | 862.14 | 3.51 | ppb |
| Barium | 137-1 | 856.02 | 904.00 | 881.58 | 880.53 | 2.73 | ppb |
| Beryllium | 9-1 | 7.07 | 7.11 | 7.04 | 7.07 | 0.44 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 11.36 | 12.06 | 9.84 | 11.09 | 10.23 | ppb |
| Cadmium | 106-1 | 16.58 | 16.79 | 14.80 | 16.06 | 6.81 | ppb |
| Cadmium | 111-1 | 6.27 | 6.54 | 6.00 | 6.27 | 4.31 | ppb |
| Calcium | 43-1 | 33449.87 | 34456.10 | 35464.52 | 34456.83 | 2.92 | ppb |
| Calcium | 44-1 | 32300.92 | 33182.23 | 33924.10 | 33135.75 | 2.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 518.58 | 525.85 | 532.76 | 525.73 | 1.35 | ppb |
| Cobalt | 59-2 | 89.05 | 89.12 | 89.68 | 89.28 | 0.39 | ppb |
| Copper | 63-2 | 1323.65 | 1324.49 | 1338.17 | 1328.77 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 262656.97 | 267174.32 | 265555.27 | 265128.85 | 0.86 | ppb |
| Iron | 57-2 | 251034.30 | 263419.65 | 259493.84 | 257982.60 | 2.45 | ppb |
| Iron | 54-2 | 261299.74 | 261846.70 | 261273.78 | 261473.40 | 0.12 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:34:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2696.77 | 2746.81 | 2669.98 | 2704.52 | 1.44 | ppb |
| Lead | 207-1 | 2535.31 | 2580.74 | 2467.72 | 2527.92 | 2.25 | ppb |
| Lead | 208-1 | 2635.96 | 2630.95 | 2556.53 | 2607.81 | 1.71 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 49963.64 | 50309.82 | 49407.50 | 49893.65 | 0.91 | ppb |
| Manganese | 55-2 | 5435.17 | 5335.64 | 5346.14 | 5372.32 | 1.02 | ppb |
| Molybdenum | 94-1 | 117.08 | 120.31 | 120.68 | 119.36 | 1.66 | ppb |
| Molybdenum | 95-1 | 5.30 | 5.33 | 5.48 | 5.37 | 1.75 | ppb |
| Molybdenum | 96-1 | 18.55 | 18.38 | 18.96 | 18.63 | 1.58 | ppb |
| Molybdenum | 97-1 | 5.46 | 5.44 | 5.55 | 5.48 | 1.10 | ppb |
| Molybdenum | 98-1 | 5.29 | 5.32 | 5.28 | 5.30 | 0.38 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 290.89 | 296.14 | 292.08 | 293.04 | 0.94 | ppb |
| Phosphorus | 31-2 | 9565.02 | 9679.54 | 9781.87 | 9675.47 | 1.12 | ppb |
| Potassium | 39-2 | 20271.46 | 20757.43 | 20481.08 | 20503.32 | 1.19 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 117 | | % |
| Scandium | 45-2 | | | | 117 | | % |
| Selenium | 82-1 | 9.32 | 8.99 | 9.39 | 9.24 | 2.37 | ppb |
| Selenium | 77-2 | 47.79 | 47.21 | 41.04 | 45.35 | 8.25 | ppb |
| Selenium | 78-2 | 13.74 | 14.80 | 13.21 | 13.92 | 5.81 | ppb |
| Silicon | 28-1 | 541.43 | 548.14 | 578.50 | 556.02 | 3.55 | ppb |
| Silver | 107-1 | 8.40 | 8.98 | 8.47 | 8.62 | 3.64 | ppb |
| Silver | 109-1 | 8.18 | 9.02 | 8.52 | 8.57 | 4.93 | ppb |
| Sodium | 23-2 | 22581.62 | 22405.38 | 23003.28 | 22663.43 | 1.36 | ppb |
| Strontium | 86-1 | 255.98 | 256.10 | 260.80 | 257.63 | 1.07 | ppb |
| Strontium | 88-1 | 265.68 | 265.18 | 270.60 | 267.15 | 1.12 | ppb |
| Sulfur | 34-1 | 57607.07 | 57630.54 | 58034.97 | 57757.53 | 0.42 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 1.50 | 1.58 | 1.56 | 1.55 | 2.87 | ppb |
| Thallium | 205-1 | 1.53 | 1.52 | 1.47 | 1.51 | 2.07 | ppb |
| Tin | 118-1 | 192.45 | 205.75 | 193.66 | 197.29 | 3.73 | ppb |
| Titanium | 47-1 | 1863.35 | 1870.63 | 1933.68 | 1889.22 | 2.05 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:34:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6.99 | 7.15 | 6.77 | 6.97 | 2.80 | ppb |
| Vanadium | 51-2 | 292.63 | 293.24 | 293.90 | 293.26 | 0.22 | ppb |
| Yttrium | 89-1 | | | | 135 | | % |
| Yttrium | 89-2 | | | | 135 | | % |
| Zinc | 66-2 | 1967.98 | 1997.33 | 1981.61 | 1982.30 | 0.74 | ppb |
| Zirconium | 90-1 | 62.15 | 63.70 | 64.36 | 63.40 | 1.79 | ppb |
| Zirconium | 91-1 | 62.82 | 64.02 | 65.03 | 63.96 | 1.73 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:37:05 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 118686.78 | 120215.41 | 118035.62 | 118979.27 | 0.94 | ppb |
| Antimony | 121-1 | 0.75 | 0.76 | 0.72 | 0.74 | 3.15 | ppb |
| Arsenic | 75-2 | 384.85 | 390.45 | 394.76 | 390.02 | 1.27 | ppb |
| Barium | 135-1 | 954.71 | 953.78 | 959.52 | 956.00 | 0.32 | ppb |
| Barium | 137-1 | 986.43 | 1003.41 | 985.02 | 991.62 | 1.03 | ppb |
| Beryllium | 9-1 | 7.70 | 8.36 | 8.11 | 8.06 | 4.12 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 11.90 | 10.80 | 11.91 | 11.54 | 5.54 | ppb |
| Cadmium | 106-1 | 16.63 | 17.74 | 17.75 | 17.38 | 3.70 | ppb |
| Cadmium | 111-1 | 7.09 | 7.40 | 6.92 | 7.14 | 3.42 | ppb |
| Calcium | 43-1 | 38590.54 | 37439.57 | 38375.92 | 38135.34 | 1.60 | ppb |
| Calcium | 44-1 | 36554.49 | 35865.91 | 37200.83 | 36540.41 | 1.83 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 608.84 | 596.51 | 606.58 | 603.97 | 1.09 | ppb |
| Cobalt | 59-2 | 99.46 | 99.37 | 97.68 | 98.84 | 1.01 | ppb |
| Copper | 63-2 | 1403.05 | 1381.02 | 1355.03 | 1379.70 | 1.74 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 302978.10 | 296071.98 | 295453.98 | 298168.02 | 1.40 | ppb |
| Iron | 57-2 | 291902.43 | 287099.02 | 289347.48 | 289449.64 | 0.83 | ppb |
| Iron | 54-2 | 293139.84 | 293257.57 | 292393.25 | 292930.22 | 0.16 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:37:05 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2944.26 | 3092.15 | 3076.83 | 3037.75 | 2.68 | ppb |
| Lead | 207-1 | 2853.73 | 2841.39 | 2908.42 | 2867.85 | 1.24 | ppb |
| Lead | 208-1 | 2897.88 | 2966.55 | 2994.62 | 2953.02 | 1.69 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 56486.48 | 56274.95 | 54531.15 | 55764.19 | 1.92 | ppb |
| Manganese | 55-2 | 5812.45 | 5792.28 | 5773.91 | 5792.88 | 0.33 | ppb |
| Molybdenum | 94-1 | 128.95 | 130.01 | 129.85 | 129.60 | 0.44 | ppb |
| Molybdenum | 95-1 | 5.85 | 5.79 | 5.93 | 5.86 | 1.20 | ppb |
| Molybdenum | 96-1 | 20.07 | 20.23 | 20.16 | 20.15 | 0.41 | ppb |
| Molybdenum | 97-1 | 6.08 | 6.02 | 5.88 | 5.99 | 1.71 | ppb |
| Molybdenum | 98-1 | 5.73 | 5.84 | 5.72 | 5.76 | 1.17 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 317.27 | 312.81 | 309.65 | 313.24 | 1.22 | ppb |
| Phosphorus | 31-2 | 10665.27 | 10643.80 | 10669.38 | 10659.48 | 0.13 | ppb |
| Potassium | 39-2 | 21986.03 | 22875.33 | 23049.14 | 22636.83 | 2.52 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 119 | | % |
| Scandium | 45-2 | | | | 120 | | % |
| Selenium | 82-1 | 9.27 | 10.62 | 9.95 | 9.95 | 6.76 | ppb |
| Selenium | 77-2 | 49.26 | 48.49 | 49.94 | 49.23 | 1.47 | ppb |
| Selenium | 78-2 | 17.88 | 14.96 | 16.35 | 16.40 | 8.91 | ppb |
| Silicon | 28-1 | 345.76 | 334.73 | 350.15 | 343.55 | 2.31 | ppb |
| Silver | 107-1 | 9.70 | 9.77 | 9.70 | 9.72 | 0.45 | ppb |
| Silver | 109-1 | 9.52 | 9.51 | 9.58 | 9.54 | 0.44 | ppb |
| Sodium | 23-2 | 24730.07 | 25036.87 | 24805.67 | 24857.53 | 0.64 | ppb |
| Strontium | 86-1 | 286.38 | 289.22 | 286.52 | 287.37 | 0.56 | ppb |
| Strontium | 88-1 | 294.52 | 302.51 | 300.98 | 299.34 | 1.42 | ppb |
| Sulfur | 34-1 | 68153.21 | 66173.04 | 66615.99 | 66980.75 | 1.55 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 1.82 | 1.76 | 1.73 | 1.77 | 2.50 | ppb |
| Thallium | 205-1 | 1.75 | 1.75 | 1.82 | 1.77 | 2.31 | ppb |
| Tin | 118-1 | 227.97 | 226.82 | 229.01 | 227.93 | 0.48 | ppb |
| Titanium | 47-1 | 1740.44 | 1725.84 | 1800.68 | 1755.65 | 2.26 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:37:05 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8.09 | 8.27 | 8.20 | 8.19 | 1.05 | ppb |
| Vanadium | 51-2 | 330.55 | 327.36 | 324.42 | 327.44 | 0.94 | ppb |
| Yttrium | 89-1 | | | | 138 | | % |
| Yttrium | 89-2 | | | | 139 | | % |
| Zinc | 66-2 | 2101.37 | 2154.90 | 2073.87 | 2110.05 | 1.95 | ppb |
| Zirconium | 90-1 | 69.01 | 70.73 | 69.56 | 69.76 | 1.26 | ppb |
| Zirconium | 91-1 | 68.58 | 70.80 | 69.58 | 69.65 | 1.59 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 14:40:11 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25183.38 | 25299.14 | 25114.79 | 25199.11 | 0.37 | ppb |
| Antimony | 121-1 | 0.19 | 0.19 | 0.18 | 0.19 | 3.50 | ppb |
| Arsenic | 75-2 | 102.09 | 98.85 | 97.96 | 99.63 | 2.18 | ppb |
| Barium | 135-1 | 180.60 | 186.02 | 182.83 | 183.15 | 1.49 | ppb |
| Barium | 137-1 | 179.20 | 186.21 | 182.47 | 182.63 | 1.92 | ppb |
| Beryllium | 9-1 | 1.65 | 1.59 | 1.57 | 1.60 | 2.70 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.60 | 1.95 | 1.64 | 2.07 | 23.74 | ppb |
| Cadmium | 106-1 | 3.07 | 1.72 | 1.36 | 2.05 | 43.86 | ppb |
| Cadmium | 111-1 | 1.31 | 1.36 | 1.35 | 1.34 | 1.89 | ppb |
| Calcium | 43-1 | 7996.45 | 8094.48 | 7914.35 | 8001.76 | 1.13 | ppb |
| Calcium | 44-1 | 7743.36 | 7845.51 | 7402.86 | 7663.91 | 3.02 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 123.66 | 123.41 | 124.01 | 123.69 | 0.24 | ppb |
| Cobalt | 59-2 | 20.92 | 20.91 | 20.80 | 20.88 | 0.34 | ppb |
| Copper | 63-2 | 311.89 | 308.53 | 306.39 | 308.93 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 102 | | % |
| Iron | 56-2 | 62010.22 | 61985.80 | 60455.74 | 61483.92 | 1.45 | ppb |
| Iron | 57-2 | 61474.35 | 61956.92 | 60722.28 | 61384.52 | 1.01 | ppb |
| Iron | 54-2 | 61694.66 | 62028.31 | 63040.12 | 62254.36 | 1.13 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 14:40:11 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 569.03 | 578.26 | 574.04 | 573.78 | 0.81 | ppb |
| Lead | 207-1 | 492.14 | 540.55 | 496.11 | 509.60 | 5.27 | ppb |
| Lead | 208-1 | 547.54 | 563.16 | 548.27 | 552.99 | 1.59 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 11707.57 | 11606.16 | 11521.60 | 11611.78 | 0.80 | ppb |
| Manganese | 55-2 | 1249.44 | 1301.72 | 1289.26 | 1280.14 | 2.13 | ppb |
| Molybdenum | 94-1 | 30.10 | 29.94 | 30.01 | 30.01 | 0.27 | ppb |
| Molybdenum | 95-1 | 1.35 | 1.38 | 1.39 | 1.37 | 1.58 | ppb |
| Molybdenum | 96-1 | 4.74 | 4.67 | 4.61 | 4.67 | 1.39 | ppb |
| Molybdenum | 97-1 | 1.42 | 1.43 | 1.39 | 1.41 | 1.74 | ppb |
| Molybdenum | 98-1 | 1.37 | 1.40 | 1.30 | 1.36 | 3.81 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 69.46 | 70.16 | 69.29 | 69.64 | 0.67 | ppb |
| Phosphorus | 31-2 | 2229.79 | 2248.02 | 2202.07 | 2226.63 | 1.04 | ppb |
| Potassium | 39-2 | 4757.39 | 4844.55 | 4861.76 | 4821.23 | 1.16 | ppb |
| Rhodium | 103-1 | | | | 103 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 106 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 2.45 | 1.91 | 2.07 | 2.14 | 12.85 | ppb |
| Selenium | 77-2 | 9.88 | 11.70 | 10.05 | 10.54 | 9.51 | ppb |
| Selenium | 78-2 | 3.44 | 3.37 | 4.12 | 3.64 | 11.30 | ppb |
| Silicon | 28-1 | 142.75 | 149.69 | 142.52 | 144.99 | 2.81 | ppb |
| Silver | 107-1 | 1.82 | 1.93 | 1.90 | 1.88 | 3.06 | ppb |
| Silver | 109-1 | 1.79 | 1.86 | 1.86 | 1.84 | 2.11 | ppb |
| Sodium | 23-2 | 5263.01 | 5253.14 | 5227.69 | 5247.94 | 0.35 | ppb |
| Strontium | 86-1 | 66.05 | 65.68 | 65.32 | 65.68 | 0.56 | ppb |
| Strontium | 88-1 | 66.18 | 66.81 | 66.16 | 66.38 | 0.56 | ppb |
| Sulfur | 34-1 | 11736.71 | 11971.90 | 11388.74 | 11699.12 | 2.51 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 0.34 | 0.33 | 0.33 | 0.33 | 0.69 | ppb |
| Thallium | 205-1 | 0.35 | 0.34 | 0.33 | 0.34 | 3.20 | ppb |
| Tin | 118-1 | 40.27 | 41.21 | 40.84 | 40.77 | 1.16 | ppb |
| Titanium | 47-1 | 438.62 | 448.73 | 435.42 | 440.92 | 1.58 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 14:40:11 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.42 | 1.43 | 1.45 | 1.44 | 1.02 | ppb |
| Vanadium | 51-2 | 69.12 | 67.99 | 68.35 | 68.49 | 0.85 | ppb |
| Yttrium | 89-1 | | | | 110 | | % |
| Yttrium | 89-2 | | | | 110 | | % |
| Zinc | 66-2 | 474.37 | 479.68 | 474.90 | 476.32 | 0.61 | ppb |
| Zirconium | 90-1 | 16.28 | 16.44 | 16.25 | 16.32 | 0.63 | ppb |
| Zirconium | 91-1 | 16.33 | 16.82 | 16.11 | 16.42 | 2.21 | ppb |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:43:25 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 96434.24 | 96935.26 | 97281.41 | 96883.64 | 0.44 | ppb |
| Antimony | 121-1 | 470.28 | 501.73 | 475.69 | 482.57 | 3.48 | ppb |
| Arsenic | 75-2 | 317.93 | 325.74 | 322.70 | 322.12 | 1.22 | ppb |
| Barium | 135-1 | 2788.45 | 2885.05 | 2806.43 | 2826.64 | 1.82 | ppb |
| Barium | 137-1 | 2744.60 | 2861.41 | 2801.74 | 2802.58 | 2.08 | ppb |
| Beryllium | 9-1 | 454.77 | 467.58 | 466.60 | 462.99 | 1.54 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 448.50 | 465.55 | 458.40 | 457.48 | 1.87 | ppb |
| Cadmium | 106-1 | 469.43 | 488.58 | 477.59 | 478.53 | 2.01 | ppb |
| Cadmium | 111-1 | 470.05 | 481.19 | 473.68 | 474.97 | 1.20 | ppb |
| Calcium | 43-1 | 71397.36 | 72846.59 | 71375.70 | 71873.22 | 1.17 | ppb |
| Calcium | 44-1 | 67238.08 | 70274.63 | 68817.84 | 68776.85 | 2.21 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 831.40 | 832.94 | 850.46 | 838.27 | 1.26 | ppb |
| Cobalt | 59-2 | 499.84 | 498.41 | 496.03 | 498.09 | 0.39 | ppb |
| Copper | 63-2 | 4885.66 | 4898.07 | 4835.01 | 4872.91 | 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 | | | | 107 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 237717.09 | 234324.59 | 234156.39 | 235399.36 | 0.85 | ppb |
| Iron | 57-2 | 230695.04 | 229156.32 | 231320.64 | 230390.67 | 0.48 | ppb |
| Iron | 54-2 | 235039.62 | 235711.18 | 239396.43 | 236715.74 | 0.99 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:43:25 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4376.26 | 4598.37 | 4657.63 | 4544.09 | 3.26 | ppb |
| Lead | 207-1 | 4257.54 | 4348.40 | 4369.64 | 4325.20 | 1.38 | ppb |
| Lead | 208-1 | 4310.84 | 4430.64 | 4529.42 | 4423.63 | 2.47 | ppb |
| Lithium | 6-1 | | | | 98 | | % |
| Magnesium | 24-2 | 83873.91 | 85512.02 | 84613.51 | 84666.48 | 0.97 | ppb |
| Manganese | 55-2 | 8307.62 | 8442.24 | 8509.58 | 8419.81 | 1.22 | ppb |
| Molybdenum | 94-1 | 1803.44 | 1804.23 | 1832.70 | 1813.46 | 0.92 | ppb |
| Molybdenum | 95-1 | 1310.58 | 1308.83 | 1309.98 | 1309.80 | 0.07 | ppb |
| Molybdenum | 96-1 | 1346.88 | 1397.69 | 1394.54 | 1379.70 | 2.06 | ppb |
| Molybdenum | 97-1 | 1285.37 | 1297.99 | 1322.99 | 1302.12 | 1.47 | ppb |
| Molybdenum | 98-1 | 1264.97 | 1328.95 | 1328.99 | 1307.64 | 2.83 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 638.76 | 637.83 | 638.89 | 638.49 | 0.09 | ppb |
| Phosphorus | 31-2 | 8785.11 | 8739.54 | 8752.23 | 8758.96 | 0.27 | ppb |
| Potassium | 39-2 | 36267.20 | 36868.70 | 37097.29 | 36744.40 | 1.17 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 119 | | % |
| Scandium | 45-2 | | | | 118 | | % |
| Selenium | 82-1 | 373.29 | 378.96 | 379.26 | 377.17 | 0.89 | ppb |
| Selenium | 77-2 | 422.01 | 411.89 | 437.49 | 423.79 | 3.04 | ppb |
| Selenium | 78-2 | 379.66 | 384.70 | 380.99 | 381.79 | 0.68 | ppb |
| Silicon | 28-1 | 152.05 | 157.04 | 151.31 | 153.47 | 2.03 | ppb |
| Silver | 107-1 | 84.25 | 86.46 | 86.30 | 85.67 | 1.44 | ppb |
| Silver | 109-1 | 82.26 | 85.52 | 83.19 | 83.66 | 2.01 | ppb |
| Sodium | 23-2 | 61394.91 | 62315.47 | 61789.35 | 61833.25 | 0.75 | ppb |
| Strontium | 86-1 | 626.03 | 640.39 | 643.89 | 636.77 | 1.49 | ppb |
| Strontium | 88-1 | 641.20 | 661.37 | 657.63 | 653.40 | 1.64 | ppb |
| Sulfur | 34-1 | 44913.10 | 46061.65 | 44879.83 | 45284.86 | 1.49 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 434.54 | 472.05 | 478.29 | 461.63 | 5.13 | ppb |
| Thallium | 205-1 | 448.58 | 470.23 | 469.44 | 462.75 | 2.65 | ppb |
| Tin | 118-1 | 605.64 | 626.96 | 619.06 | 617.22 | 1.75 | ppb |
| Titanium | 47-1 | 1385.44 | 1404.40 | 1385.89 | 1391.91 | 0.78 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:43:25 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 424.52 | 449.22 | 453.16 | 442.30 | 3.51 | ppb |
| Vanadium | 51-2 | 695.96 | 685.06 | 680.28 | 687.10 | 1.17 | ppb |
| Yttrium | 89-1 | | | | 133 | | % |
| Yttrium | 89-2 | | | | 130 | | % |
| Zinc | 66-2 | 5432.47 | 5571.93 | 5463.14 | 5489.18 | 1.34 | ppb |
| Zirconium | 90-1 | 406.32 | 412.76 | 418.61 | 412.56 | 1.49 | ppb |
| Zirconium | 91-1 | 399.18 | 405.77 | 410.69 | 405.21 | 1.43 | ppb |

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On:10/24/2025 6:19:47 PM
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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:46:15 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 110840.63 | 112981.90 | 114713.53 | 112845.35 | 1.72 | ppb |
| Antimony | 121-1 | 475.82 | 470.65 | 484.86 | 477.11 | 1.51 | ppb |
| Arsenic | 75-2 | 399.67 | 388.61 | 390.27 | 392.85 | 1.52 | ppb |
| Barium | 135-1 | 2939.75 | 3016.99 | 3017.67 | 2991.47 | 1.50 | ppb |
| Barium | 137-1 | 2988.05 | 2921.73 | 3031.57 | 2980.45 | 1.86 | ppb |
| Beryllium | 9-1 | 434.15 | 447.39 | 442.68 | 441.41 | 1.52 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 454.02 | 456.52 | 451.40 | 453.98 | 0.56 | ppb |
| Cadmium | 106-1 | 482.25 | 472.16 | 477.05 | 477.15 | 1.06 | ppb |
| Cadmium | 111-1 | 463.09 | 465.65 | 471.55 | 466.77 | 0.93 | ppb |
| Calcium | 43-1 | 75084.91 | 78811.81 | 76324.28 | 76740.33 | 2.47 | ppb |
| Calcium | 44-1 | 76054.29 | 80739.47 | 78914.47 | 78569.41 | 3.01 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 882.92 | 891.07 | 888.61 | 887.53 | 0.47 | ppb |
| Cobalt | 59-2 | 490.26 | 499.46 | 501.27 | 497.00 | 1.19 | ppb |
| Copper | 63-2 | 5056.46 | 5180.68 | 5260.24 | 5165.79 | 1.99 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 269208.26 | 272080.91 | 269139.31 | 270142.83 | 0.62 | ppb |
| Iron | 57-2 | 263957.17 | 264140.70 | 265313.61 | 264470.49 | 0.28 | ppb |
| Iron | 54-2 | 266200.29 | 272435.79 | 269197.86 | 269277.98 | 1.16 | ppb |
| Krypton | 83-1 | | | | | | cps |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:46:15 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5054.07 | 5270.92 | 5427.53 | 5250.84 | 3.57 | ppb |
| Lead | 207-1 | 4862.08 | 5098.66 | 5188.22 | 5049.65 | 3.34 | ppb |
| Lead | 208-1 | 4918.91 | 5155.46 | 5288.46 | 5120.94 | 3.66 | ppb |
| Lithium | 6-1 | | | | 99 | | % |
| Magnesium | 24-2 | 93352.19 | 92631.98 | 93377.81 | 93120.66 | 0.45 | ppb |
| Manganese | 55-2 | 8875.93 | 8764.10 | 8621.86 | 8753.96 | 1.45 | ppb |
| Molybdenum | 94-1 | 1794.92 | 1780.69 | 1769.44 | 1781.68 | 0.72 | ppb |
| Molybdenum | 95-1 | 1254.85 | 1311.39 | 1293.74 | 1286.66 | 2.25 | ppb |
| Molybdenum | 96-1 | 1322.54 | 1405.43 | 1351.95 | 1359.98 | 3.09 | ppb |
| Molybdenum | 97-1 | 1291.94 | 1324.80 | 1279.52 | 1298.76 | 1.80 | ppb |
| Molybdenum | 98-1 | 1271.04 | 1283.63 | 1272.97 | 1275.88 | 0.53 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 685.49 | 697.09 | 699.68 | 694.09 | 1.09 | ppb |
| Phosphorus | 31-2 | 10152.58 | 10436.99 | 10305.62 | 10298.39 | 1.38 | ppb |
| Potassium | 39-2 | 38692.85 | 39300.13 | 39986.32 | 39326.43 | 1.65 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 119 | | % |
| Scandium | 45-2 | | | | 119 | | % |
| Selenium | 82-1 | 357.18 | 354.85 | 354.43 | 355.49 | 0.42 | ppb |
| Selenium | 77-2 | 410.54 | 402.26 | 389.04 | 400.61 | 2.71 | ppb |
| Selenium | 78-2 | 376.17 | 360.37 | 366.52 | 367.69 | 2.17 | ppb |
| Silicon | 28-1 | 169.18 | 173.74 | 179.87 | 174.26 | 3.08 | ppb |
| Silver | 107-1 | 85.54 | 84.76 | 86.16 | 85.49 | 0.82 | ppb |
| Silver | 109-1 | 83.93 | 84.04 | 83.80 | 83.93 | 0.14 | ppb |
| Sodium | 23-2 | 66876.95 | 67232.81 | 67877.02 | 67328.93 | 0.75 | ppb |
| Strontium | 86-1 | 670.96 | 673.53 | 670.06 | 671.52 | 0.27 | ppb |
| Strontium | 88-1 | 665.12 | 679.67 | 663.40 | 669.40 | 1.33 | ppb |
| Sulfur | 34-1 | 54276.56 | 57731.39 | 58116.37 | 56708.11 | 3.73 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 419.08 | 455.95 | 468.28 | 447.77 | 5.72 | ppb |
| Thallium | 205-1 | 441.94 | 449.45 | 471.37 | 454.25 | 3.37 | ppb |
| Tin | 118-1 | 695.21 | 692.46 | 713.62 | 700.43 | 1.64 | ppb |
| Titanium | 47-1 | 1541.64 | 1592.23 | 1606.03 | 1579.97 | 2.15 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:46:15 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 409.44 | 429.67 | 440.22 | 426.45 | 3.67 | ppb |
| Vanadium | 51-2 | 706.40 | 683.49 | 714.47 | 701.45 | 2.29 | ppb |
| Yttrium | 89-1 | | | | 136 | | % |
| Yttrium | 89-2 | | | | 134 | | % |
| Zinc | 66-2 | 5523.67 | 5675.70 | 5630.93 | 5610.10 | 1.39 | ppb |
| Zirconium | 90-1 | 391.01 | 410.25 | 404.97 | 402.08 | 2.47 | ppb |
| Zirconium | 91-1 | 396.00 | 402.76 | 399.23 | 399.33 | 0.85 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05A | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:49:08 | DataFile Name : | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 90073.01 | 92040.68 | 90370.13 | 90827.94 | 1.17 | ppb |
| Antimony | 121-1 | 476.26 | 495.77 | 460.35 | 477.46 | 3.72 | ppb |
| Arsenic | 75-2 | 294.34 | 297.39 | 294.80 | 295.51 | 0.56 | ppb |
| Barium | 135-1 | 2725.89 | 2864.93 | 2718.49 | 2769.77 | 2.98 | ppb |
| Barium | 137-1 | 2715.90 | 2823.91 | 2693.70 | 2744.50 | 2.54 | ppb |
| Beryllium | 9-1 | 448.43 | 456.53 | 447.27 | 450.75 | 1.12 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 456.77 | 464.38 | 445.84 | 455.66 | 2.05 | ppb |
| Cadmium | 106-1 | 469.59 | 487.26 | 479.71 | 478.85 | 1.85 | ppb |
| Cadmium | 111-1 | 466.34 | 473.82 | 465.43 | 468.53 | 0.98 | ppb |
| Calcium | 43-1 | 71116.20 | 71475.36 | 72173.95 | 71588.50 | 0.75 | ppb |
| Calcium | 44-1 | 68299.66 | 69280.70 | 67439.17 | 68339.84 | 1.35 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 816.81 | 803.98 | 799.74 | 806.84 | 1.10 | ppb |
| Cobalt | 59-2 | 495.98 | 502.71 | 488.01 | 495.56 | 1.49 | ppb |
| Copper | 63-2 | 4857.16 | 4875.86 | 4827.88 | 4853.63 | 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 | | | | 104 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 220501.81 | 220064.31 | 218675.60 | 219747.24 | 0.43 | ppb |
| Iron | 57-2 | 212266.43 | 215045.01 | 213607.63 | 213639.69 | 0.65 | ppb |
| Iron | 54-2 | 217634.40 | 223502.83 | 218828.82 | 219988.68 | 1.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05A | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:49:08 | DataFile Name : | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4297.58 | 4325.32 | 4347.20 | 4323.37 | 0.58 | ppb |
| Lead | 207-1 | 4096.00 | 4164.03 | 4153.90 | 4137.98 | 0.89 | ppb |
| Lead | 208-1 | 4169.39 | 4207.07 | 4221.85 | 4199.44 | 0.64 | ppb |
| Lithium | 6-1 | | | | 97 | | % |
| Magnesium | 24-2 | 81510.74 | 82084.84 | 82261.14 | 81952.24 | 0.48 | ppb |
| Manganese | 55-2 | 8172.10 | 8277.64 | 8207.30 | 8219.02 | 0.65 | ppb |
| Molybdenum | 94-1 | 1843.78 | 1907.24 | 1887.47 | 1879.50 | 1.73 | ppb |
| Molybdenum | 95-1 | 1324.96 | 1348.26 | 1375.14 | 1349.46 | 1.86 | ppb |
| Molybdenum | 96-1 | 1396.01 | 1466.45 | 1466.40 | 1442.95 | 2.82 | ppb |
| Molybdenum | 97-1 | 1321.87 | 1357.67 | 1400.83 | 1360.12 | 2.91 | ppb |
| Molybdenum | 98-1 | 1339.15 | 1363.27 | 1388.22 | 1363.55 | 1.80 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 625.81 | 631.38 | 627.48 | 628.22 | 0.46 | ppb |
| Phosphorus | 31-2 | 8288.46 | 8199.68 | 8139.99 | 8209.38 | 0.91 | ppb |
| Potassium | 39-2 | 36666.14 | 36090.22 | 36027.18 | 36261.18 | 0.97 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 113 | | % |
| Scandium | 45-2 | | | | 115 | | % |
| Selenium | 82-1 | 375.32 | 384.41 | 382.12 | 380.61 | 1.24 | ppb |
| Selenium | 77-2 | 381.73 | 420.74 | 427.19 | 409.89 | 6.00 | ppb |
| Selenium | 78-2 | 388.94 | 383.83 | 388.69 | 387.15 | 0.74 | ppb |
| Silicon | 28-1 | 227.70 | 233.91 | 222.35 | 227.99 | 2.54 | ppb |
| Silver | 107-1 | 82.43 | 84.94 | 82.58 | 83.32 | 1.69 | ppb |
| Silver | 109-1 | 81.22 | 83.20 | 81.39 | 81.94 | 1.34 | ppb |
| Sodium | 23-2 | 61593.33 | 60701.79 | 59979.34 | 60758.15 | 1.33 | ppb |
| Strontium | 86-1 | 618.17 | 626.63 | 634.69 | 626.50 | 1.32 | ppb |
| Strontium | 88-1 | 638.32 | 655.53 | 659.20 | 651.02 | 1.71 | ppb |
| Sulfur | 34-1 | 40263.40 | 41168.57 | 40734.30 | 40722.09 | 1.11 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 463.92 | 449.63 | 455.85 | 456.47 | 1.57 | ppb |
| Thallium | 205-1 | 460.03 | 460.66 | 473.70 | 464.80 | 1.66 | ppb |
| Tin | 118-1 | 599.03 | 610.77 | 595.23 | 601.68 | 1.35 | ppb |
| Titanium | 47-1 | 1387.96 | 1405.52 | 1425.96 | 1406.48 | 1.35 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05A | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:49:08 | DataFile Name : | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 437.55 | 427.32 | 436.19 | 433.69 | 1.28 | ppb |
| Vanadium | 51-2 | 667.55 | 657.26 | 653.13 | 659.31 | 1.13 | ppb |
| Yttrium | 89-1 | | | | 128 | | % |
| Yttrium | 89-2 | | | | 128 | | % |
| Zinc | 66-2 | 5455.34 | 5521.04 | 5464.97 | 5480.45 | 0.65 | ppb |
| Zirconium | 90-1 | 407.25 | 430.99 | 421.89 | 420.04 | 2.85 | ppb |
| Zirconium | 91-1 | 401.23 | 414.34 | 413.99 | 409.85 | 1.82 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:54:32 | DataFile Name : | 058CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50129.28 | 49687.99 | 49586.95 | 49801.41 | 0.58 | ppb |
| Antimony | 121-1 | 513.65 | 530.00 | 521.86 | 521.84 | 1.57 | ppb |
| Arsenic | 75-2 | 491.94 | 496.59 | 490.74 | 493.09 | 0.63 | ppb |
| Barium | 135-1 | 2548.55 | 2623.10 | 2584.85 | 2585.50 | 1.44 | ppb |
| Barium | 137-1 | 2573.79 | 2575.80 | 2558.59 | 2569.39 | 0.37 | ppb |
| Beryllium | 9-1 | 506.99 | 515.22 | 509.73 | 510.65 | 0.82 | ppb |
| Bismuth | 209-1 | | | | 94 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 493.70 | 501.24 | 505.40 | 500.11 | 1.19 | ppb |
| Cadmium | 106-1 | 498.79 | 512.87 | 508.69 | 506.78 | 1.43 | ppb |
| Cadmium | 111-1 | 492.52 | 511.02 | 508.57 | 504.04 | 1.99 | ppb |
| Calcium | 43-1 | 257186.22 | 259081.75 | 262363.42 | 259543.80 | 1.01 | ppb |
| Calcium | 44-1 | 261217.30 | 247581.24 | 258188.69 | 255662.41 | 2.80 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 500.95 | 501.29 | 479.29 | 493.84 | 2.55 | ppb |
| Cobalt | 59-2 | 497.49 | 505.14 | 486.68 | 496.44 | 1.87 | ppb |
| Copper | 63-2 | 5083.12 | 4936.49 | 4801.66 | 4940.42 | 2.85 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 133278.56 | 133508.36 | 132197.22 | 132994.71 | 0.53 | ppb |
| Iron | 57-2 | 133026.71 | 130182.49 | 126533.58 | 129914.26 | 2.51 | ppb |
| Iron | 54-2 | 134439.52 | 131688.21 | 130183.09 | 132103.61 | 1.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:54:32 | DataFile Name : | 058CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2580.32 | 2568.11 | 2648.74 | 2599.06 | 1.67 | ppb |
| Lead | 207-1 | 2520.90 | 2511.28 | 2583.11 | 2538.43 | 1.54 | ppb |
| Lead | 208-1 | 2568.89 | 2558.42 | 2581.46 | 2569.59 | 0.45 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 255951.18 | 252775.14 | 253150.90 | 253959.07 | 0.68 | ppb |
| Manganese | 55-2 | 5236.57 | 5106.71 | 4983.17 | 5108.81 | 2.48 | ppb |
| Molybdenum | 94-1 | 5076.92 | 5147.08 | 5019.56 | 5081.19 | 1.26 | ppb |
| Molybdenum | 95-1 | 5134.56 | 5055.53 | 4954.54 | 5048.21 | 1.79 | ppb |
| Molybdenum | 96-1 | 5143.08 | 5217.87 | 5014.45 | 5125.13 | 2.01 | ppb |
| Molybdenum | 97-1 | 5087.66 | 5074.28 | 5020.67 | 5060.87 | 0.70 | ppb |
| Molybdenum | 98-1 | 5053.27 | 5080.07 | 4993.82 | 5042.39 | 0.88 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 485.84 | 486.40 | 478.29 | 483.51 | 0.94 | ppb |
| Phosphorus | 31-2 | 10185.94 | 10162.29 | 10071.14 | 10139.79 | 0.60 | ppb |
| Potassium | 39-2 | 126728.39 | 126351.58 | 125772.94 | 126284.30 | 0.38 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 478.34 | 489.62 | 473.14 | 480.37 | 1.75 | ppb |
| Selenium | 77-2 | 476.55 | 474.24 | 476.62 | 475.80 | 0.29 | ppb |
| Selenium | 78-2 | 474.46 | 489.01 | 465.61 | 476.36 | 2.48 | ppb |
| Silicon | 28-1 | 539.67 | 530.80 | 528.94 | 533.14 | 1.08 | ppb |
| Silver | 107-1 | 510.74 | 529.47 | 525.69 | 521.97 | 1.90 | ppb |
| Silver | 109-1 | 523.61 | 522.60 | 521.51 | 522.57 | 0.20 | ppb |
| Sodium | 23-2 | 254010.13 | 250566.29 | 247932.70 | 250836.37 | 1.22 | ppb |
| Strontium | 86-1 | 499.57 | 508.85 | 495.88 | 501.44 | 1.33 | ppb |
| Strontium | 88-1 | 523.34 | 518.15 | 510.83 | 517.44 | 1.22 | ppb |
| Sulfur | 34-1 | 9799.12 | 9413.07 | 9878.43 | 9696.88 | 2.57 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 533.94 | 516.81 | 524.31 | 525.02 | 1.64 | ppb |
| Thallium | 205-1 | 528.75 | 532.70 | 511.79 | 524.41 | 2.12 | ppb |
| Tin | 118-1 | 524.46 | 530.25 | 525.77 | 526.83 | 0.58 | ppb |
| Titanium | 47-1 | 5149.55 | 5187.37 | 5250.56 | 5195.83 | 0.98 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:54:32 | DataFile Name : | 058CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 512.60 | 505.10 | 501.22 | 506.31 | 1.14 | ppb |
| Vanadium | 51-2 | 512.74 | 508.82 | 501.24 | 507.60 | 1.15 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 4821.12 | 4833.69 | 4744.45 | 4799.75 | 1.01 | ppb |
| Zirconium | 90-1 | 502.38 | 514.06 | 500.56 | 505.66 | 1.45 | ppb |
| Zirconium | 91-1 | 497.79 | 505.36 | 498.52 | 500.56 | 0.83 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:05:21 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.13 | -0.23 | -0.30 | -0.22 | | ppb |
| Antimony | 121-1 | 0.04 | 0.04 | 0.04 | 0.04 | 6.19 | ppb |
| Arsenic | 75-2 | -0.03 | 0.00 | -0.03 | -0.02 | | ppb |
| Barium | 135-1 | -0.01 | -0.01 | 0.00 | -0.01 | | ppb |
| Barium | 137-1 | -0.01 | -0.01 | 0.01 | 0.00 | | ppb |
| Beryllium | 9-1 | 0.01 | 0.04 | 0.00 | 0.02 | 121.47 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.06 | -0.13 | -0.09 | -0.09 | | ppb |
| Cadmium | 106-1 | -2.64 | -2.96 | -1.70 | -2.43 | | ppb |
| Cadmium | 111-1 | -0.16 | -0.19 | -0.10 | -0.15 | | ppb |
| Calcium | 43-1 | 4.21 | 0.51 | 4.00 | 2.91 | 71.57 | ppb |
| Calcium | 44-1 | 4.06 | 4.36 | 5.38 | 4.60 | 15.04 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.02 | -0.01 | -0.01 | -0.02 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.02 | -0.01 | | ppb |
| Copper | 63-2 | 0.12 | 0.11 | 0.10 | 0.11 | 9.58 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 2.65 | 2.88 | 3.14 | 2.89 | 8.38 | ppb |
| Iron | 57-2 | 5.57 | 2.82 | 4.96 | 4.45 | 32.51 | ppb |
| Iron | 54-2 | 2.40 | 3.01 | 3.07 | 2.83 | 13.07 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:05:21 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.04 | 0.06 | 0.03 | 0.04 | 31.06 | ppb |
| Lead | 207-1 | 0.07 | 0.05 | 0.06 | 0.06 | 15.14 | ppb |
| Lead | 208-1 | 0.05 | 0.06 | 0.05 | 0.05 | 8.14 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 0.56 | 0.68 | 0.85 | 0.70 | 21.31 | ppb |
| Manganese | 55-2 | 0.05 | 0.03 | 0.04 | 0.04 | 18.23 | ppb |
| Molybdenum | 94-1 | 0.05 | 0.04 | 0.05 | 0.05 | 8.96 | ppb |
| Molybdenum | 95-1 | 0.04 | 0.04 | 0.03 | 0.04 | 20.89 | ppb |
| Molybdenum | 96-1 | 0.02 | 0.00 | 0.00 | 0.01 | 162.61 | ppb |
| Molybdenum | 97-1 | 0.01 | -0.01 | 0.02 | 0.01 | 172.13 | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.00 | 0.00 | 46.05 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.17 | -0.16 | -0.16 | -0.16 | | ppb |
| Phosphorus | 31-2 | -39.72 | -32.34 | -39.99 | -37.35 | | ppb |
| Potassium | 39-2 | 21.93 | 22.84 | 24.38 | 23.05 | 5.36 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | -0.78 | -0.35 | -0.14 | -0.42 | | ppb |
| Selenium | 77-2 | -0.16 | 0.08 | -0.16 | -0.08 | | ppb |
| Selenium | 78-2 | -0.55 | -0.68 | 0.24 | -0.33 | | ppb |
| Silicon | 28-1 | -0.20 | -0.12 | 0.05 | -0.09 | | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 32.82 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 110.95 | ppb |
| Sodium | 23-2 | 43.37 | 44.13 | 44.93 | 44.14 | 1.77 | ppb |
| Strontium | 86-1 | 0.07 | 0.01 | 0.02 | 0.04 | 83.26 | ppb |
| Strontium | 88-1 | 0.01 | 0.01 | 0.00 | 0.01 | 58.09 | ppb |
| Sulfur | 34-1 | 109.13 | 100.83 | 306.50 | 172.15 | 67.63 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.05 | 0.03 | 0.05 | 0.04 | 22.43 | ppb |
| Thallium | 205-1 | 0.05 | 0.04 | 0.05 | 0.05 | 7.28 | ppb |
| Tin | 118-1 | 0.08 | 0.04 | 0.07 | 0.06 | 29.74 | ppb |
| Titanium | 47-1 | -0.01 | 0.01 | 0.04 | 0.02 | 142.15 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:05:21 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.01 | 0.00 | 263.52 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 0.46 | 0.48 | 0.26 | 0.40 | 30.12 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.02 | 0.02 | 15.61 | ppb |
| Zirconium | 91-1 | 0.02 | 0.01 | 0.02 | 0.01 | 26.04 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:14:30 | DataFile Name : | 060CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.00 | -0.12 | -0.31 | -0.15 | | ppb |
| Antimony | 121-1 | 0.01 | 0.01 | 0.01 | 0.01 | 31.89 | ppb |
| Arsenic | 75-2 | 0.00 | -0.01 | -0.02 | -0.01 | | ppb |
| Barium | 135-1 | -0.01 | -0.02 | -0.02 | -0.02 | | ppb |
| Barium | 137-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Beryllium | 9-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.02 | -0.13 | -0.02 | -0.06 | | ppb |
| Cadmium | 106-1 | -2.82 | -3.96 | -3.05 | -3.28 | | ppb |
| Cadmium | 111-1 | -0.21 | -0.27 | -0.20 | -0.23 | | ppb |
| Calcium | 43-1 | 0.11 | 1.59 | -3.44 | -0.58 | | ppb |
| Calcium | 44-1 | 14.68 | 12.32 | 17.46 | 14.82 | 17.37 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.06 | 0.01 | -0.01 | -0.02 | | ppb |
| Cobalt | 59-2 | -0.02 | -0.01 | -0.02 | -0.02 | | ppb |
| Copper | 63-2 | -0.01 | -0.01 | 0.05 | 0.01 | 278.55 | 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 | | | | 96 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 0.65 | 0.78 | 0.64 | 0.69 | 11.42 | ppb |
| Iron | 57-2 | 2.47 | 4.78 | 3.02 | 3.42 | 35.26 | ppb |
| Iron | 54-2 | 0.74 | 1.40 | -0.01 | 0.71 | 99.88 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:14:30 | DataFile Name : | 060CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.05 | 0.03 | 0.03 | 0.03 | 36.11 | ppb |
| Lead | 207-1 | 0.04 | 0.04 | 0.03 | 0.04 | 15.20 | ppb |
| Lead | 208-1 | 0.03 | 0.03 | 0.03 | 0.03 | 3.16 | ppb |
| Lithium | 6-1 | | | | 87 | | % |
| Magnesium | 24-2 | 0.08 | -0.06 | 0.04 | 0.02 | 364.53 | ppb |
| Manganese | 55-2 | -0.01 | 0.00 | 0.01 | 0.00 | | ppb |
| Molybdenum | 94-1 | 0.03 | 0.00 | -0.02 | 0.00 | 749.57 | ppb |
| Molybdenum | 95-1 | 0.02 | 0.02 | 0.03 | 0.02 | 31.60 | ppb |
| Molybdenum | 96-1 | 0.00 | -0.02 | 0.00 | -0.01 | | ppb |
| Molybdenum | 97-1 | -0.02 | 0.00 | -0.01 | -0.01 | | ppb |
| Molybdenum | 98-1 | 0.00 | 0.01 | -0.01 | 0.00 | | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.07 | -0.19 | -0.06 | -0.11 | | ppb |
| Phosphorus | 31-2 | -38.90 | -37.46 | -34.50 | -36.95 | | ppb |
| Potassium | 39-2 | 28.13 | 27.50 | 25.94 | 27.19 | 4.14 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | -0.29 | -0.56 | -0.60 | -0.48 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | 0.92 | -0.05 | -1.52 | -0.22 | | ppb |
| Silicon | 28-1 | 0.42 | 0.77 | 0.81 | 0.67 | 31.87 | ppb |
| Silver | 107-1 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Sodium | 23-2 | 37.05 | 37.81 | 38.13 | 37.66 | 1.47 | ppb |
| Strontium | 86-1 | 0.01 | 0.04 | 0.04 | 0.03 | 48.96 | ppb |
| Strontium | 88-1 | 0.00 | 0.00 | 0.00 | 0.00 | 25.40 | ppb |
| Sulfur | 34-1 | 92.86 | 268.06 | 213.58 | 191.50 | 46.82 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 96 | | % |
| Thallium | 203-1 | 0.02 | 0.03 | 0.01 | 0.02 | 51.98 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 10.27 | ppb |
| Tin | 118-1 | 0.02 | 0.02 | 0.01 | 0.02 | 50.96 | ppb |
| Titanium | 47-1 | 0.05 | 0.03 | -0.02 | 0.02 | 196.67 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:14:30 | DataFile Name : | 060CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.02 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.01 | 0.00 | 0.00 | 0.00 | 605.00 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | -0.11 | 0.15 | -0.04 | 0.00 | | ppb |
| Zirconium | 90-1 | 0.01 | 0.02 | 0.01 | 0.01 | 49.57 | ppb |
| Zirconium | 91-1 | 0.00 | 0.01 | 0.01 | 0.01 | 88.28 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:17:52 | DataFile Name : | 061LCSS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10962.13 | 10625.83 | 10734.02 | 10773.99 | 1.59 | ppb |
| Antimony | 121-1 | 516.42 | 547.82 | 515.53 | 526.59 | 3.49 | ppb |
| Arsenic | 75-2 | 511.97 | 515.81 | 502.04 | 509.94 | 1.39 | ppb |
| Barium | 135-1 | 2583.51 | 2643.55 | 2621.87 | 2616.31 | 1.16 | ppb |
| Barium | 137-1 | 2534.65 | 2685.48 | 2587.44 | 2602.52 | 2.94 | ppb |
| Beryllium | 9-1 | 524.72 | 523.68 | 524.63 | 524.34 | 0.11 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 516.08 | 527.55 | 510.66 | 518.10 | 1.66 | ppb |
| Cadmium | 106-1 | 519.52 | 547.10 | 511.73 | 526.12 | 3.53 | ppb |
| Cadmium | 111-1 | 517.30 | 538.72 | 519.30 | 525.11 | 2.25 | ppb |
| Calcium | 43-1 | 55600.86 | 54299.19 | 54616.23 | 54838.76 | 1.24 | ppb |
| Calcium | 44-1 | 53560.39 | 53309.93 | 53858.40 | 53576.24 | 0.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 548.88 | 552.10 | 556.86 | 552.61 | 0.73 | ppb |
| Cobalt | 59-2 | 520.74 | 531.61 | 515.37 | 522.57 | 1.58 | ppb |
| Copper | 63-2 | 5313.40 | 5344.36 | 5319.77 | 5325.84 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 28063.40 | 29285.17 | 28510.25 | 28619.61 | 2.16 | ppb |
| Iron | 57-2 | 28110.84 | 28583.08 | 28250.68 | 28314.87 | 0.86 | ppb |
| Iron | 54-2 | 28371.72 | 28794.45 | 28291.32 | 28485.83 | 0.95 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:17:52 | DataFile Name : | 061LCSS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2571.12 | 2618.13 | 2638.38 | 2609.21 | 1.32 | ppb |
| Lead | 207-1 | 2569.02 | 2464.37 | 2553.52 | 2528.97 | 2.23 | ppb |
| Lead | 208-1 | 2573.47 | 2567.10 | 2587.87 | 2576.15 | 0.41 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 52653.79 | 51759.66 | 52669.50 | 52360.98 | 0.99 | ppb |
| Manganese | 55-2 | 5306.14 | 5292.94 | 5258.65 | 5285.91 | 0.46 | ppb |
| Molybdenum | 94-1 | 5058.50 | 5149.70 | 5061.95 | 5090.05 | 1.02 | ppb |
| Molybdenum | 95-1 | 5100.36 | 5247.18 | 5052.01 | 5133.18 | 1.98 | ppb |
| Molybdenum | 96-1 | 5133.99 | 5211.90 | 5048.68 | 5131.52 | 1.59 | ppb |
| Molybdenum | 97-1 | 5165.95 | 5256.80 | 4999.81 | 5140.85 | 2.53 | ppb |
| Molybdenum | 98-1 | 5121.69 | 5229.48 | 5003.43 | 5118.20 | 2.21 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 540.37 | 545.13 | 539.24 | 541.58 | 0.58 | ppb |
| Phosphorus | 31-2 | 10291.44 | 10505.24 | 10306.19 | 10367.62 | 1.15 | ppb |
| Potassium | 39-2 | 26495.44 | 26656.39 | 26190.70 | 26447.51 | 0.89 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 527.71 | 524.42 | 525.76 | 525.97 | 0.31 | ppb |
| Selenium | 77-2 | 538.10 | 520.29 | 509.22 | 522.54 | 2.79 | ppb |
| Selenium | 78-2 | 518.35 | 525.44 | 512.50 | 518.76 | 1.25 | ppb |
| Silicon | 28-1 | 531.72 | 515.10 | 521.37 | 522.73 | 1.61 | ppb |
| Silver | 107-1 | 536.56 | 550.20 | 528.23 | 538.33 | 2.06 | ppb |
| Silver | 109-1 | 528.34 | 541.19 | 530.93 | 533.48 | 1.27 | ppb |
| Sodium | 23-2 | 54416.64 | 53393.74 | 53408.30 | 53739.56 | 1.09 | ppb |
| Strontium | 86-1 | 503.08 | 507.96 | 494.49 | 501.84 | 1.36 | ppb |
| Strontium | 88-1 | 530.37 | 516.42 | 519.74 | 522.17 | 1.40 | ppb |
| Sulfur | 34-1 | 10517.56 | 9749.15 | 9831.98 | 10032.90 | 4.20 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 515.78 | 511.26 | 531.88 | 519.64 | 2.09 | ppb |
| Thallium | 205-1 | 514.72 | 528.53 | 534.46 | 525.90 | 1.93 | ppb |
| Tin | 118-1 | 527.43 | 542.50 | 530.94 | 533.62 | 1.48 | ppb |
| Titanium | 47-1 | 5177.28 | 5089.60 | 5101.81 | 5122.89 | 0.93 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:17:52 | DataFile Name : | 061LCSS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 477.83 | 493.98 | 502.78 | 491.53 | 2.57 | ppb |
| Vanadium | 51-2 | 519.71 | 519.67 | 515.31 | 518.23 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 5411.40 | 5342.23 | 5330.68 | 5361.44 | 0.81 | ppb |
| Zirconium | 90-1 | 510.24 | 507.12 | 507.64 | 508.33 | 0.33 | ppb |
| Zirconium | 91-1 | 510.23 | 508.99 | 500.78 | 506.67 | 1.01 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:20:47 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.14 | 0.15 | 0.19 | 0.16 | 17.06 | ppb |
| Antimony | 121-1 | 0.14 | 0.17 | 0.16 | 0.16 | 10.15 | ppb |
| Arsenic | 75-2 | 0.01 | 0.01 | 0.00 | 0.01 | 148.02 | ppb |
| Barium | 135-1 | 0.02 | -0.01 | -0.01 | 0.00 | 484.83 | ppb |
| Barium | 137-1 | 0.02 | -0.01 | 0.01 | 0.01 | 185.78 | ppb |
| Beryllium | 9-1 | -0.01 | 0.00 | -0.01 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.06 | -0.09 | -0.09 | -0.08 | | ppb |
| Cadmium | 106-1 | -2.91 | -1.35 | -1.30 | -1.85 | | ppb |
| Cadmium | 111-1 | -0.17 | -0.08 | -0.04 | -0.10 | | ppb |
| Calcium | 43-1 | 2.66 | -1.24 | -1.74 | -0.11 | | ppb |
| Calcium | 44-1 | 11.79 | 14.43 | 12.86 | 13.03 | 10.17 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | -0.02 | 0.03 | 0.00 | | ppb |
| Cobalt | 59-2 | -0.01 | 0.00 | -0.02 | -0.01 | | ppb |
| Copper | 63-2 | 0.15 | 0.14 | 0.15 | 0.15 | 5.73 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 1.98 | 1.98 | 2.16 | 2.04 | 5.11 | ppb |
| Iron | 57-2 | 4.18 | 1.12 | 2.98 | 2.76 | 55.79 | ppb |
| Iron | 54-2 | 1.40 | 1.95 | 2.82 | 2.05 | 34.79 | ppb |
| Krypton | 83-1 | | | | | | cps |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:20:47 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.08 | 0.02 | 0.03 | 0.04 | 67.19 | ppb |
| Lead | 207-1 | 0.06 | 0.06 | 0.07 | 0.06 | 7.43 | ppb |
| Lead | 208-1 | 0.06 | 0.04 | 0.04 | 0.05 | 22.13 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 0.16 | 0.05 | -0.02 | 0.07 | 139.46 | ppb |
| Manganese | 55-2 | -0.01 | 0.07 | 0.01 | 0.03 | 159.06 | ppb |
| Molybdenum | 94-1 | 0.18 | 0.17 | 0.14 | 0.16 | 13.82 | ppb |
| Molybdenum | 95-1 | 0.17 | 0.17 | 0.15 | 0.16 | 6.64 | ppb |
| Molybdenum | 96-1 | 0.15 | 0.12 | 0.12 | 0.13 | 13.19 | ppb |
| Molybdenum | 97-1 | 0.16 | 0.16 | 0.10 | 0.14 | 22.56 | ppb |
| Molybdenum | 98-1 | 0.17 | 0.15 | 0.14 | 0.15 | 8.28 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.21 | -0.12 | -0.14 | -0.16 | | ppb |
| Phosphorus | 31-2 | -39.90 | -41.00 | -39.10 | -40.00 | | ppb |
| Potassium | 39-2 | 21.96 | 18.25 | 19.72 | 19.98 | 9.34 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | -0.35 | -0.45 | -0.67 | -0.49 | | ppb |
| Selenium | 77-2 | 0.08 | -0.16 | -0.16 | -0.08 | | ppb |
| Selenium | 78-2 | -0.02 | 0.40 | 0.21 | 0.20 | 106.96 | ppb |
| Silicon | 28-1 | 0.41 | 0.46 | 1.04 | 0.64 | 55.12 | ppb |
| Silver | 107-1 | 0.05 | 0.03 | 0.04 | 0.04 | 18.08 | ppb |
| Silver | 109-1 | 0.03 | 0.04 | 0.02 | 0.03 | 23.53 | ppb |
| Sodium | 23-2 | 41.04 | 37.38 | 38.52 | 38.98 | 4.80 | ppb |
| Strontium | 86-1 | 0.04 | 0.06 | -0.03 | 0.03 | 173.40 | ppb |
| Strontium | 88-1 | 0.01 | 0.01 | 0.00 | 0.01 | 23.85 | ppb |
| Sulfur | 34-1 | -404.08 | -355.65 | -188.95 | -316.23 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.04 | 0.05 | 0.05 | 0.05 | 14.03 | ppb |
| Thallium | 205-1 | 0.04 | 0.03 | 0.05 | 0.04 | 25.69 | ppb |
| Tin | 118-1 | 0.06 | 0.09 | 0.07 | 0.08 | 22.09 | ppb |
| Titanium | 47-1 | 0.04 | 0.00 | 0.07 | 0.04 | 92.65 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:20:47 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | -0.01 | 0.00 | -0.01 | -0.01 | | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 0.30 | 0.56 | 0.30 | 0.39 | 38.72 | ppb |
| Zirconium | 90-1 | 0.03 | 0.04 | 0.03 | 0.03 | 5.77 | ppb |
| Zirconium | 91-1 | 0.03 | 0.00 | 0.03 | 0.02 | 84.75 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:24:11 | DataFile Name : | 063LCSS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10657.60 | 10864.61 | 10387.84 | 10636.68 | 2.25 | ppb |
| Antimony | 121-1 | 523.17 | 532.03 | 512.53 | 522.57 | 1.87 | ppb |
| Arsenic | 75-2 | 512.49 | 505.32 | 500.11 | 505.97 | 1.23 | ppb |
| Barium | 135-1 | 2609.16 | 2550.91 | 2634.07 | 2598.04 | 1.64 | ppb |
| Barium | 137-1 | 2533.81 | 2548.15 | 2564.76 | 2548.91 | 0.61 | ppb |
| Beryllium | 9-1 | 511.36 | 514.22 | 516.75 | 514.11 | 0.52 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 512.14 | 512.66 | 512.52 | 512.44 | 0.05 | ppb |
| Cadmium | 106-1 | 519.42 | 509.09 | 512.21 | 513.57 | 1.03 | ppb |
| Cadmium | 111-1 | 516.65 | 519.37 | 518.76 | 518.26 | 0.28 | ppb |
| Calcium | 43-1 | 52493.44 | 55285.51 | 53778.02 | 53852.32 | 2.60 | ppb |
| Calcium | 44-1 | 50721.81 | 52434.63 | 53416.18 | 52190.88 | 2.61 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 587.28 | 591.58 | 587.16 | 588.67 | 0.43 | ppb |
| Cobalt | 59-2 | 526.23 | 517.36 | 501.54 | 515.04 | 2.43 | ppb |
| Copper | 63-2 | 5207.02 | 5252.88 | 5272.35 | 5244.08 | 0.64 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 102 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 28206.19 | 28135.81 | 27780.27 | 28040.76 | 0.81 | ppb |
| Iron | 57-2 | 27804.72 | 28104.01 | 28134.26 | 28014.33 | 0.65 | ppb |
| Iron | 54-2 | 28454.50 | 28723.35 | 28435.89 | 28537.92 | 0.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:24:11 | DataFile Name : | 063LCSS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2543.11 | 2596.06 | 2610.30 | 2583.16 | 1.37 | ppb |
| Lead | 207-1 | 2468.34 | 2565.01 | 2562.34 | 2531.90 | 2.17 | ppb |
| Lead | 208-1 | 2501.07 | 2566.52 | 2579.99 | 2549.19 | 1.66 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 52835.91 | 52732.78 | 51852.25 | 52473.65 | 1.03 | ppb |
| Manganese | 55-2 | 5196.89 | 5113.06 | 5121.01 | 5143.65 | 0.90 | ppb |
| Molybdenum | 94-1 | 4927.44 | 5032.27 | 4903.96 | 4954.56 | 1.38 | ppb |
| Molybdenum | 95-1 | 4854.08 | 4997.44 | 5096.76 | 4982.76 | 2.45 | ppb |
| Molybdenum | 96-1 | 4971.76 | 4902.15 | 5061.10 | 4978.34 | 1.60 | ppb |
| Molybdenum | 97-1 | 4927.27 | 5111.52 | 4924.66 | 4987.82 | 2.15 | ppb |
| Molybdenum | 98-1 | 4891.01 | 5172.57 | 4917.10 | 4993.56 | 3.12 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 560.69 | 560.51 | 561.37 | 560.86 | 0.08 | ppb |
| Phosphorus | 31-2 | 10117.11 | 10329.03 | 9986.47 | 10144.20 | 1.70 | ppb |
| Potassium | 39-2 | 25840.05 | 25678.48 | 26659.54 | 26059.36 | 2.02 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 505.71 | 516.08 | 516.54 | 512.78 | 1.19 | ppb |
| Selenium | 77-2 | 526.21 | 508.48 | 488.46 | 507.71 | 3.72 | ppb |
| Selenium | 78-2 | 521.38 | 506.81 | 511.93 | 513.38 | 1.44 | ppb |
| Silicon | 28-1 | 504.54 | 537.58 | 526.99 | 523.04 | 3.23 | ppb |
| Silver | 107-1 | 415.91 | 430.42 | 416.52 | 420.95 | 1.95 | ppb |
| Silver | 109-1 | 413.13 | 414.82 | 416.90 | 414.95 | 0.45 | ppb |
| Sodium | 23-2 | 53470.46 | 53573.02 | 51234.03 | 52759.17 | 2.51 | ppb |
| Strontium | 86-1 | 485.49 | 492.31 | 490.76 | 489.52 | 0.73 | ppb |
| Strontium | 88-1 | 497.73 | 497.38 | 506.56 | 500.56 | 1.04 | ppb |
| Sulfur | 34-1 | 9233.49 | 9953.52 | 9450.96 | 9545.99 | 3.87 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 506.49 | 512.77 | 520.63 | 513.29 | 1.38 | ppb |
| Thallium | 205-1 | 502.25 | 522.05 | 520.49 | 514.93 | 2.14 | ppb |
| Tin | 118-1 | 511.42 | 534.44 | 517.57 | 521.14 | 2.29 | ppb |
| Titanium | 47-1 | 4946.89 | 5157.11 | 5067.81 | 5057.27 | 2.09 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:24:11 | DataFile Name : | 063LCSS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 485.12 | 482.90 | 484.73 | 484.25 | 0.24 | ppb |
| Vanadium | 51-2 | 513.26 | 512.18 | 512.06 | 512.50 | 0.13 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 5293.91 | 5311.69 | 5333.83 | 5313.14 | 0.38 | ppb |
| Zirconium | 90-1 | 492.34 | 511.35 | 501.88 | 501.86 | 1.89 | ppb |
| Zirconium | 91-1 | 487.20 | 496.21 | 490.65 | 491.35 | 0.93 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:27:02 | DataFile Name : | 064CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.19 | 0.27 | -0.61 | -0.05 | | ppb |
| Antimony | 121-1 | 0.13 | 0.16 | 0.17 | 0.15 | 15.16 | ppb |
| Arsenic | 75-2 | -0.01 | -0.02 | -0.01 | -0.02 | | ppb |
| Barium | 135-1 | 0.00 | -0.02 | -0.01 | -0.01 | | ppb |
| Barium | 137-1 | 0.01 | 0.00 | 0.00 | 0.01 | 52.24 | ppb |
| Beryllium | 9-1 | 0.02 | 0.01 | 0.01 | 0.02 | 40.15 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.01 | 0.02 | -0.02 | 0.00 | 746.24 | ppb |
| Cadmium | 106-1 | -0.77 | -1.49 | -2.88 | -1.71 | | ppb |
| Cadmium | 111-1 | -0.05 | -0.09 | -0.20 | -0.11 | | ppb |
| Calcium | 43-1 | -5.40 | -1.83 | -1.82 | -3.02 | | ppb |
| Calcium | 44-1 | 9.32 | 9.37 | 11.70 | 10.13 | 13.38 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.04 | -0.01 | -0.01 | 0.01 | 505.86 | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.21 | 0.12 | 0.16 | 0.17 | 25.95 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 1.57 | 1.58 | 1.51 | 1.55 | 2.45 | ppb |
| Iron | 57-2 | 0.62 | 0.80 | 1.72 | 1.05 | 56.25 | ppb |
| Iron | 54-2 | 1.25 | 2.33 | 1.96 | 1.84 | 29.91 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:27:02 | DataFile Name : | 064CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.07 | 0.05 | 0.03 | 0.05 | 32.41 | ppb |
| Lead | 207-1 | 0.07 | 0.06 | 0.04 | 0.06 | 28.43 | ppb |
| Lead | 208-1 | 0.07 | 0.05 | 0.05 | 0.06 | 15.22 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | -0.11 | -0.01 | 0.18 | 0.02 | 738.13 | ppb |
| Manganese | 55-2 | -0.01 | -0.04 | -0.01 | -0.02 | | ppb |
| Molybdenum | 94-1 | 0.17 | 0.19 | 0.14 | 0.17 | 15.98 | ppb |
| Molybdenum | 95-1 | 0.15 | 0.14 | 0.16 | 0.15 | 3.90 | ppb |
| Molybdenum | 96-1 | 0.16 | 0.14 | 0.13 | 0.14 | 10.14 | ppb |
| Molybdenum | 97-1 | 0.19 | 0.10 | 0.11 | 0.13 | 35.13 | ppb |
| Molybdenum | 98-1 | 0.15 | 0.12 | 0.14 | 0.13 | 13.51 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.15 | -0.11 | -0.12 | -0.13 | | ppb |
| Phosphorus | 31-2 | -45.63 | -46.68 | -45.63 | -45.98 | | ppb |
| Potassium | 39-2 | 19.19 | 21.65 | 22.92 | 21.25 | 8.94 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | -0.18 | -0.70 | 0.03 | -0.28 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | -0.41 | -0.98 | -0.67 | -0.69 | | ppb |
| Silicon | 28-1 | 0.57 | 0.26 | 0.48 | 0.44 | 36.66 | ppb |
| Silver | 107-1 | 0.04 | 0.03 | 0.02 | 0.03 | 25.58 | ppb |
| Silver | 109-1 | 0.04 | 0.03 | 0.02 | 0.03 | 41.25 | ppb |
| Sodium | 23-2 | 40.36 | 38.18 | 39.56 | 39.37 | 2.79 | ppb |
| Strontium | 86-1 | 0.05 | 0.02 | 0.02 | 0.03 | 60.87 | ppb |
| Strontium | 88-1 | 0.00 | 0.00 | 0.01 | 0.00 | 24.42 | ppb |
| Sulfur | 34-1 | -411.77 | -445.00 | -360.45 | -405.74 | | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.04 | 0.04 | 0.04 | 0.04 | 10.93 | ppb |
| Thallium | 205-1 | 0.04 | 0.04 | 0.03 | 0.04 | 11.05 | ppb |
| Tin | 118-1 | 0.03 | 0.05 | 0.08 | 0.06 | 43.98 | ppb |
| Titanium | 47-1 | 0.04 | 0.06 | 0.04 | 0.05 | 26.04 | ppb |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:27:02 | DataFile Name : | 064CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.01 | 0.00 | 0.00 | 440.41 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 0.18 | 0.10 | 0.28 | 0.19 | 48.74 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.04 | 0.03 | 29.52 | ppb |
| Zirconium | 91-1 | 0.01 | 0.02 | 0.02 | 0.02 | 30.74 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:30:27 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10636.81 | 10788.99 | 10683.93 | 10703.24 | 0.73 | ppb |
| Antimony | 121-1 | 526.61 | 533.20 | 523.19 | 527.67 | 0.96 | ppb |
| Arsenic | 75-2 | 509.02 | 518.30 | 508.96 | 512.09 | 1.05 | ppb |
| Barium | 135-1 | 2574.98 | 2699.57 | 2613.29 | 2629.28 | 2.43 | ppb |
| Barium | 137-1 | 2558.23 | 2648.77 | 2635.57 | 2614.19 | 1.87 | ppb |
| Beryllium | 9-1 | 518.73 | 524.76 | 529.63 | 524.38 | 1.04 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 513.18 | 533.65 | 520.80 | 522.54 | 1.98 | ppb |
| Cadmium | 106-1 | 512.62 | 533.09 | 525.99 | 523.90 | 1.98 | ppb |
| Cadmium | 111-1 | 525.36 | 533.01 | 527.89 | 528.75 | 0.74 | ppb |
| Calcium | 43-1 | 55363.37 | 56130.04 | 55778.32 | 55757.24 | 0.69 | ppb |
| Calcium | 44-1 | 52462.59 | 53596.34 | 54993.09 | 53684.01 | 2.36 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 558.20 | 545.99 | 556.23 | 553.47 | 1.18 | ppb |
| Cobalt | 59-2 | 528.16 | 517.86 | 526.86 | 524.29 | 1.07 | ppb |
| Copper | 63-2 | 5299.25 | 5234.60 | 5406.68 | 5313.51 | 1.64 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 28785.20 | 28601.40 | 28717.83 | 28701.48 | 0.32 | ppb |
| Iron | 57-2 | 28261.80 | 27684.01 | 27991.53 | 27979.11 | 1.03 | ppb |
| Iron | 54-2 | 28644.37 | 28241.52 | 28624.97 | 28503.62 | 0.80 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:30:27 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2558.01 | 2573.14 | 2708.26 | 2613.14 | 3.17 | ppb |
| Lead | 207-1 | 2548.40 | 2538.35 | 2650.36 | 2579.04 | 2.40 | ppb |
| Lead | 208-1 | 2564.50 | 2573.48 | 2658.17 | 2598.72 | 1.99 | ppb |
| Lithium | 6-1 | | | | 91 | | % |
| Magnesium | 24-2 | 53131.10 | 52763.88 | 52200.97 | 52698.65 | 0.89 | ppb |
| Manganese | 55-2 | 5286.45 | 5291.20 | 5316.76 | 5298.14 | 0.31 | ppb |
| Molybdenum | 94-1 | 5030.14 | 5168.25 | 5370.92 | 5189.77 | 3.30 | ppb |
| Molybdenum | 95-1 | 5087.14 | 5167.68 | 5296.62 | 5183.82 | 2.04 | ppb |
| Molybdenum | 96-1 | 4984.54 | 5272.23 | 5290.90 | 5182.56 | 3.31 | ppb |
| Molybdenum | 97-1 | 5091.45 | 5185.48 | 5214.14 | 5163.69 | 1.24 | ppb |
| Molybdenum | 98-1 | 5040.90 | 5235.59 | 5292.28 | 5189.59 | 2.54 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 545.66 | 541.34 | 551.98 | 546.33 | 0.98 | ppb |
| Phosphorus | 31-2 | 10402.07 | 10138.58 | 10307.63 | 10282.76 | 1.30 | ppb |
| Potassium | 39-2 | 26949.74 | 26308.55 | 26752.22 | 26670.17 | 1.23 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 507.58 | 530.11 | 538.53 | 525.41 | 3.05 | ppb |
| Selenium | 77-2 | 527.04 | 527.67 | 527.22 | 527.31 | 0.06 | ppb |
| Selenium | 78-2 | 517.12 | 520.07 | 520.81 | 519.33 | 0.38 | ppb |
| Silicon | 28-1 | 529.80 | 531.37 | 528.18 | 529.78 | 0.30 | ppb |
| Silver | 107-1 | 493.91 | 504.53 | 493.40 | 497.28 | 1.26 | ppb |
| Silver | 109-1 | 473.84 | 520.64 | 477.88 | 490.78 | 5.28 | ppb |
| Sodium | 23-2 | 53884.41 | 53923.39 | 53212.62 | 53673.47 | 0.74 | ppb |
| Strontium | 86-1 | 494.09 | 507.58 | 523.11 | 508.26 | 2.86 | ppb |
| Strontium | 88-1 | 508.22 | 523.05 | 538.44 | 523.24 | 2.89 | ppb |
| Sulfur | 34-1 | 9845.00 | 10193.77 | 9678.88 | 9905.88 | 2.65 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 509.93 | 520.42 | 539.91 | 523.42 | 2.91 | ppb |
| Thallium | 205-1 | 524.92 | 524.46 | 535.45 | 528.28 | 1.18 | ppb |
| Tin | 118-1 | 527.75 | 544.79 | 552.86 | 541.80 | 2.37 | ppb |
| Titanium | 47-1 | 5190.39 | 5424.60 | 5206.29 | 5273.76 | 2.48 | ppb |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:30:27 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 490.63 | 483.34 | 504.30 | 492.75 | 2.16 | ppb |
| Vanadium | 51-2 | 522.01 | 515.00 | 524.32 | 520.44 | 0.93 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 5383.72 | 5320.75 | 5482.87 | 5395.78 | 1.51 | ppb |
| Zirconium | 90-1 | 505.17 | 524.55 | 534.01 | 521.24 | 2.82 | ppb |
| Zirconium | 91-1 | 492.73 | 510.41 | 523.52 | 508.88 | 3.04 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-074099-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:33:19 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 58387.60 | 56917.36 | 57728.17 | 57677.71 | 1.28 | ppb |
| Antimony | 121-1 | 0.47 | 0.51 | 0.51 | 0.50 | 5.09 | ppb |
| Arsenic | 75-2 | 159.30 | 153.19 | 161.99 | 158.16 | 2.85 | ppb |
| Barium | 135-1 | 393.97 | 406.65 | 405.67 | 402.10 | 1.76 | ppb |
| Barium | 137-1 | 392.92 | 401.48 | 405.47 | 399.96 | 1.60 | ppb |
| Beryllium | 9-1 | 4.08 | 3.94 | 3.85 | 3.96 | 2.85 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 98 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 5.22 | 4.79 | 4.72 | 4.91 | 5.48 | ppb |
| Cadmium | 106-1 | 5.43 | 6.24 | 6.29 | 5.99 | 8.07 | ppb |
| Cadmium | 111-1 | 2.47 | 2.65 | 2.74 | 2.62 | 5.36 | ppb |
| Calcium | 43-1 | 22425.06 | 22506.63 | 23208.55 | 22713.41 | 1.90 | ppb |
| Calcium | 44-1 | 21967.83 | 21583.38 | 22294.07 | 21948.43 | 1.62 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 259.58 | 258.02 | 261.48 | 259.70 | 0.67 | ppb |
| Cobalt | 59-2 | 57.91 | 57.10 | 58.89 | 57.96 | 1.55 | ppb |
| Copper | 63-2 | 552.46 | 559.47 | 557.65 | 556.52 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 158261.90 | 156080.61 | 157318.29 | 157220.26 | 0.70 | ppb |
| Iron | 57-2 | 157407.63 | 154332.68 | 155755.79 | 155832.04 | 0.99 | ppb |
| Iron | 54-2 | 160762.06 | 158096.80 | 156253.77 | 158370.88 | 1.43 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-074099-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:33:19 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1226.02 | 1199.01 | 1191.58 | 1205.54 | 1.50 | ppb |
| Lead | 207-1 | 1125.09 | 1099.93 | 1086.84 | 1103.95 | 1.76 | ppb |
| Lead | 208-1 | 1176.45 | 1141.77 | 1140.67 | 1152.96 | 1.76 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 27948.43 | 28508.32 | 28133.74 | 28196.83 | 1.01 | ppb |
| Manganese | 55-2 | 2847.27 | 2790.40 | 2842.38 | 2826.68 | 1.12 | ppb |
| Molybdenum | 94-1 | 66.20 | 65.72 | 67.03 | 66.32 | 1.00 | ppb |
| Molybdenum | 95-1 | 4.15 | 4.04 | 4.13 | 4.11 | 1.41 | ppb |
| Molybdenum | 96-1 | 11.55 | 11.20 | 11.41 | 11.39 | 1.55 | ppb |
| Molybdenum | 97-1 | 4.20 | 3.98 | 4.08 | 4.09 | 2.77 | ppb |
| Molybdenum | 98-1 | 4.08 | 3.98 | 4.13 | 4.06 | 1.88 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 146.93 | 144.60 | 146.57 | 146.03 | 0.86 | ppb |
| Phosphorus | 31-2 | 4582.73 | 4470.40 | 4675.31 | 4576.14 | 2.24 | ppb |
| Potassium | 39-2 | 10815.92 | 10659.42 | 11023.94 | 10833.09 | 1.69 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 3.08 | 3.56 | 4.88 | 3.84 | 24.19 | ppb |
| Selenium | 77-2 | 28.67 | 25.66 | 28.29 | 27.54 | 5.95 | ppb |
| Selenium | 78-2 | 7.85 | 6.61 | 7.11 | 7.19 | 8.71 | ppb |
| Silicon | 28-1 | 110.07 | 111.08 | 127.08 | 116.08 | 8.22 | ppb |
| Silver | 107-1 | 3.18 | 3.38 | 3.42 | 3.33 | 3.86 | ppb |
| Silver | 109-1 | 3.23 | 3.28 | 3.34 | 3.28 | 1.60 | ppb |
| Sodium | 23-2 | 4624.67 | 4616.92 | 4612.77 | 4618.12 | 0.13 | ppb |
| Strontium | 86-1 | 126.83 | 125.36 | 126.19 | 126.13 | 0.58 | ppb |
| Strontium | 88-1 | 131.66 | 130.14 | 131.68 | 131.16 | 0.67 | ppb |
| Sulfur | 34-1 | 29348.75 | 28683.08 | 29795.95 | 29275.93 | 1.91 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 1.01 | 0.88 | 0.92 | 0.94 | 6.96 | ppb |
| Thallium | 205-1 | 0.95 | 0.96 | 0.93 | 0.95 | 1.68 | ppb |
| Tin | 118-1 | 98.38 | 100.65 | 102.30 | 100.44 | 1.96 | ppb |
| Titanium | 47-1 | 1083.78 | 1071.81 | 1102.84 | 1086.15 | 1.44 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-074099-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:33:19 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 5.40 | 5.13 | 5.12 | 5.22 | 2.99 | ppb |
| Vanadium | 51-2 | 168.34 | 166.07 | 168.96 | 167.79 | 0.91 | ppb |
| Yttrium | 89-1 | | | | 115 | | % |
| Yttrium | 89-2 | | | | 116 | | % |
| Zinc | 66-2 | 968.89 | 954.42 | 971.54 | 964.95 | 0.95 | ppb |
| Zirconium | 90-1 | 35.16 | 34.65 | 35.64 | 35.15 | 1.42 | ppb |
| Zirconium | 91-1 | 35.56 | 35.16 | 35.68 | 35.47 | 0.77 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S04-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:36:30 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 35146.86 | 35268.06 | 35071.75 | 35162.22 | 0.28 | ppb |
| Antimony | 121-1 | 0.76 | 0.73 | 0.76 | 0.75 | 2.47 | ppb |
| Arsenic | 75-2 | 59.73 | 62.41 | 62.29 | 61.48 | 2.47 | ppb |
| Barium | 135-1 | 281.18 | 280.91 | 276.26 | 279.45 | 0.99 | ppb |
| Barium | 137-1 | 280.36 | 280.05 | 275.82 | 278.74 | 0.91 | ppb |
| Beryllium | 9-1 | 4.64 | 4.71 | 5.17 | 4.84 | 5.92 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 7.69 | 6.80 | 7.45 | 7.31 | 6.29 | ppb |
| Cadmium | 106-1 | 8.32 | 7.82 | 8.78 | 8.31 | 5.80 | ppb |
| Cadmium | 111-1 | 5.36 | 5.48 | 5.06 | 5.30 | 4.14 | ppb |
| Calcium | 43-1 | 66595.12 | 69436.86 | 69336.72 | 68456.23 | 2.36 | ppb |
| Calcium | 44-1 | 65206.00 | 67372.04 | 65704.10 | 66094.05 | 1.72 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 263.70 | 269.28 | 267.89 | 266.96 | 1.09 | ppb |
| Cobalt | 59-2 | 52.29 | 53.21 | 53.63 | 53.04 | 1.30 | ppb |
| Copper | 63-2 | 557.92 | 556.92 | 540.31 | 551.72 | 1.79 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 108824.29 | 111012.02 | 108809.53 | 109548.61 | 1.16 | ppb |
| Iron | 57-2 | 107826.15 | 106545.21 | 109861.62 | 108077.66 | 1.55 | ppb |
| Iron | 54-2 | 110937.07 | 111339.91 | 109477.67 | 110584.88 | 0.89 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S04-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:36:30 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1141.18 | 1163.36 | 1151.32 | 1151.96 | 0.96 | ppb |
| Lead | 207-1 | 1066.70 | 1080.36 | 1079.91 | 1075.66 | 0.72 | ppb |
| Lead | 208-1 | 1092.62 | 1112.65 | 1100.52 | 1101.93 | 0.92 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 35859.09 | 35941.63 | 35885.61 | 35895.44 | 0.12 | ppb |
| Manganese | 55-2 | 2179.77 | 2225.30 | 2207.19 | 2204.09 | 1.04 | ppb |
| Molybdenum | 94-1 | 60.95 | 61.82 | 60.88 | 61.22 | 0.85 | ppb |
| Molybdenum | 95-1 | 12.68 | 12.74 | 12.86 | 12.76 | 0.70 | ppb |
| Molybdenum | 96-1 | 18.37 | 18.23 | 18.63 | 18.41 | 1.10 | ppb |
| Molybdenum | 97-1 | 12.72 | 12.93 | 12.57 | 12.74 | 1.42 | ppb |
| Molybdenum | 98-1 | 12.60 | 12.89 | 12.68 | 12.72 | 1.15 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 342.98 | 346.44 | 347.62 | 345.68 | 0.70 | ppb |
| Phosphorus | 31-2 | 2115.82 | 2081.81 | 2128.89 | 2108.84 | 1.15 | ppb |
| Potassium | 39-2 | 6786.88 | 6975.67 | 6856.02 | 6872.86 | 1.39 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 3.08 | 3.07 | 3.19 | 3.12 | 2.12 | ppb |
| Selenium | 77-2 | 15.35 | 19.01 | 17.14 | 17.17 | 10.66 | ppb |
| Selenium | 78-2 | 4.78 | 6.55 | 5.34 | 5.56 | 16.23 | ppb |
| Silicon | 28-1 | 156.58 | 171.21 | 161.80 | 163.20 | 4.55 | ppb |
| Silver | 107-1 | 8.18 | 8.26 | 8.06 | 8.16 | 1.25 | ppb |
| Silver | 109-1 | 8.02 | 8.12 | 7.80 | 7.98 | 2.01 | ppb |
| Sodium | 23-2 | 8321.40 | 8662.84 | 8411.76 | 8465.33 | 2.09 | ppb |
| Strontium | 86-1 | 373.39 | 379.24 | 376.08 | 376.24 | 0.78 | ppb |
| Strontium | 88-1 | 380.54 | 381.98 | 387.97 | 383.50 | 1.03 | ppb |
| Sulfur | 34-1 | 28118.25 | 30204.37 | 30111.34 | 29477.98 | 4.00 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 0.71 | 0.66 | 0.68 | 0.68 | 3.63 | ppb |
| Thallium | 205-1 | 0.67 | 0.70 | 0.70 | 0.69 | 2.64 | ppb |
| Tin | 118-1 | 112.95 | 110.41 | 110.90 | 111.42 | 1.21 | ppb |
| Titanium | 47-1 | 970.28 | 1009.58 | 1019.31 | 999.72 | 2.60 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S04-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:36:30 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4.42 | 4.40 | 4.35 | 4.39 | 0.85 | ppb |
| Vanadium | 51-2 | 115.15 | 116.29 | 114.92 | 115.46 | 0.63 | ppb |
| Yttrium | 89-1 | | | | 109 | | % |
| Yttrium | 89-2 | | | | 109 | | % |
| Zinc | 66-2 | 1729.11 | 1740.81 | 1726.15 | 1732.02 | 0.45 | ppb |
| Zirconium | 90-1 | 27.78 | 28.22 | 27.90 | 27.97 | 0.81 | ppb |
| Zirconium | 91-1 | 27.94 | 28.06 | 28.96 | 28.32 | 1.97 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:39:42 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 53637.73 | 53742.89 | 53414.98 | 53598.53 | 0.31 | ppb |
| Antimony | 121-1 | 1.89 | 1.87 | 1.92 | 1.89 | 1.24 | ppb |
| Arsenic | 75-2 | 108.74 | 110.75 | 112.45 | 110.65 | 1.68 | ppb |
| Barium | 135-1 | 1030.77 | 1037.29 | 1031.73 | 1033.26 | 0.34 | ppb |
| Barium | 137-1 | 1070.42 | 1071.42 | 1065.41 | 1069.08 | 0.30 | ppb |
| Beryllium | 9-1 | 6.78 | 6.97 | 6.74 | 6.83 | 1.77 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 54.14 | 53.30 | 53.06 | 53.50 | 1.06 | ppb |
| Cadmium | 106-1 | 53.75 | 51.76 | 56.69 | 54.07 | 4.59 | ppb |
| Cadmium | 111-1 | 48.47 | 48.75 | 49.93 | 49.05 | 1.58 | ppb |
| Calcium | 43-1 | 28338.63 | 28101.64 | 28215.50 | 28218.59 | 0.42 | ppb |
| Calcium | 44-1 | 27487.86 | 26921.92 | 26890.35 | 27100.04 | 1.24 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1199.63 | 1182.31 | 1176.40 | 1186.12 | 1.02 | ppb |
| Cobalt | 59-2 | 66.88 | 67.84 | 67.58 | 67.43 | 0.74 | ppb |
| Copper | 63-2 | 1585.40 | 1612.51 | 1567.51 | 1588.47 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 149594.97 | 149861.05 | 150808.37 | 150088.13 | 0.42 | ppb |
| Iron | 57-2 | 145619.01 | 148600.95 | 145794.62 | 146671.53 | 1.14 | ppb |
| Iron | 54-2 | 146034.22 | 151426.56 | 150987.53 | 149482.77 | 2.00 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:39:42 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2488.46 | 2506.24 | 2467.78 | 2487.49 | 0.77 | ppb |
| Lead | 207-1 | 2375.02 | 2274.76 | 2368.33 | 2339.37 | 2.40 | ppb |
| Lead | 208-1 | 2429.87 | 2425.24 | 2429.56 | 2428.22 | 0.11 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 39435.54 | 38355.07 | 38407.30 | 38732.64 | 1.57 | ppb |
| Manganese | 55-2 | 1312.94 | 1315.40 | 1331.50 | 1319.95 | 0.76 | ppb |
| Molybdenum | 94-1 | 91.56 | 92.44 | 93.93 | 92.64 | 1.29 | ppb |
| Molybdenum | 95-1 | 18.19 | 17.74 | 18.70 | 18.21 | 2.63 | ppb |
| Molybdenum | 96-1 | 26.68 | 26.89 | 27.18 | 26.92 | 0.93 | ppb |
| Molybdenum | 97-1 | 18.72 | 18.65 | 19.00 | 18.79 | 0.99 | ppb |
| Molybdenum | 98-1 | 17.87 | 18.17 | 18.53 | 18.19 | 1.82 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 415.93 | 412.33 | 409.51 | 412.59 | 0.78 | ppb |
| Phosphorus | 31-2 | 5976.65 | 5949.02 | 5990.73 | 5972.13 | 0.36 | ppb |
| Potassium | 39-2 | 11775.37 | 11846.65 | 11765.30 | 11795.77 | 0.38 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 8.04 | 8.57 | 8.88 | 8.50 | 5.00 | ppb |
| Selenium | 77-2 | 28.21 | 30.77 | 29.34 | 29.44 | 4.35 | ppb |
| Selenium | 78-2 | 10.73 | 13.30 | 12.18 | 12.07 | 10.65 | ppb |
| Silicon | 28-1 | 174.65 | 173.95 | 185.31 | 177.97 | 3.58 | ppb |
| Silver | 107-1 | 31.37 | 32.07 | 32.16 | 31.86 | 1.36 | ppb |
| Silver | 109-1 | 30.97 | 31.31 | 31.54 | 31.28 | 0.91 | ppb |
| Sodium | 23-2 | 35298.15 | 34282.12 | 34405.31 | 34661.86 | 1.60 | ppb |
| Strontium | 86-1 | 236.00 | 236.39 | 242.42 | 238.27 | 1.51 | ppb |
| Strontium | 88-1 | 247.16 | 240.99 | 250.66 | 246.27 | 1.99 | ppb |
| Sulfur | 34-1 | 70139.52 | 72642.87 | 72999.64 | 71927.34 | 2.17 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 1.45 | 1.43 | 1.49 | 1.46 | 2.26 | ppb |
| Thallium | 205-1 | 1.46 | 1.46 | 1.46 | 1.46 | 0.28 | ppb |
| Tin | 118-1 | 189.87 | 190.76 | 190.71 | 190.45 | 0.26 | ppb |
| Titanium | 47-1 | 1634.89 | 1615.88 | 1620.22 | 1623.66 | 0.61 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:39:42 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8.24 | 8.24 | 8.06 | 8.18 | 1.24 | ppb |
| Vanadium | 51-2 | 254.20 | 254.60 | 252.48 | 253.76 | 0.44 | ppb |
| Yttrium | 89-1 | | | | 117 | | % |
| Yttrium | 89-2 | | | | 115 | | % |
| Zinc | 66-2 | 3303.73 | 3301.45 | 3248.60 | 3284.59 | 0.95 | ppb |
| Zirconium | 90-1 | 42.78 | 43.02 | 43.45 | 43.08 | 0.79 | ppb |
| Zirconium | 91-1 | 42.96 | 43.02 | 43.88 | 43.29 | 1.20 | ppb |

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On:10/24/2025 6:19:47 PM
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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-010074-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:42:45 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 73514.38 | 74305.62 | 73707.80 | 73842.60 | 0.56 | ppb |
| Antimony | 121-1 | 1.10 | 1.10 | 1.11 | 1.11 | 0.36 | ppb |
| Arsenic | 75-2 | 271.38 | 269.90 | 272.47 | 271.25 | 0.48 | ppb |
| Barium | 135-1 | 1139.55 | 1147.47 | 1161.46 | 1149.49 | 0.97 | ppb |
| Barium | 137-1 | 1211.63 | 1178.13 | 1198.02 | 1195.93 | 1.41 | ppb |
| Beryllium | 9-1 | 5.48 | 5.86 | 5.99 | 5.78 | 4.58 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 14.51 | 14.76 | 14.61 | 14.62 | 0.85 | ppb |
| Cadmium | 106-1 | 20.00 | 21.08 | 20.78 | 20.62 | 2.69 | ppb |
| Cadmium | 111-1 | 13.79 | 14.11 | 13.46 | 13.78 | 2.35 | ppb |
| Calcium | 43-1 | 31464.97 | 31009.44 | 31010.83 | 31161.75 | 0.84 | ppb |
| Calcium | 44-1 | 29926.41 | 29985.33 | 29591.13 | 29834.29 | 0.71 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 593.71 | 603.80 | 594.72 | 597.41 | 0.93 | ppb |
| Cobalt | 59-2 | 70.83 | 69.69 | 70.97 | 70.50 | 1.00 | ppb |
| Copper | 63-2 | 1266.29 | 1254.82 | 1262.54 | 1261.22 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 206694.53 | 203332.35 | 206115.90 | 205380.93 | 0.88 | ppb |
| Iron | 57-2 | 199604.97 | 200416.06 | 200147.31 | 200056.11 | 0.21 | ppb |
| Iron | 54-2 | 204192.20 | 204090.61 | 206541.53 | 204941.45 | 0.68 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-010074-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:42:45 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2597.82 | 2606.88 | 2596.47 | 2600.39 | 0.22 | ppb |
| Lead | 207-1 | 2422.36 | 2448.82 | 2518.82 | 2463.33 | 2.02 | ppb |
| Lead | 208-1 | 2506.78 | 2507.91 | 2558.08 | 2524.26 | 1.16 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 41018.61 | 41643.83 | 41489.44 | 41383.96 | 0.79 | ppb |
| Manganese | 55-2 | 2815.34 | 2769.26 | 2752.37 | 2778.99 | 1.17 | ppb |
| Molybdenum | 94-1 | 104.27 | 105.79 | 102.77 | 104.28 | 1.45 | ppb |
| Molybdenum | 95-1 | 6.74 | 7.07 | 6.85 | 6.89 | 2.44 | ppb |
| Molybdenum | 96-1 | 18.21 | 18.31 | 18.06 | 18.19 | 0.71 | ppb |
| Molybdenum | 97-1 | 7.10 | 6.98 | 6.93 | 7.01 | 1.25 | ppb |
| Molybdenum | 98-1 | 6.77 | 6.88 | 6.74 | 6.80 | 1.10 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 299.26 | 300.11 | 303.69 | 301.02 | 0.78 | ppb |
| Phosphorus | 31-2 | 7189.42 | 7137.68 | 7248.30 | 7191.80 | 0.77 | ppb |
| Potassium | 39-2 | 15295.19 | 15177.05 | 15750.64 | 15407.63 | 1.97 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 111 | | % |
| Scandium | 45-2 | | | | 111 | | % |
| Selenium | 82-1 | 11.18 | 11.01 | 10.48 | 10.89 | 3.36 | ppb |
| Selenium | 77-2 | 39.67 | 39.63 | 39.56 | 39.62 | 0.15 | ppb |
| Selenium | 78-2 | 16.73 | 15.84 | 15.61 | 16.06 | 3.69 | ppb |
| Silicon | 28-1 | 93.34 | 83.31 | 87.83 | 88.16 | 5.70 | ppb |
| Silver | 107-1 | 15.92 | 16.23 | 16.26 | 16.14 | 1.19 | ppb |
| Silver | 109-1 | 15.66 | 15.81 | 16.17 | 15.88 | 1.64 | ppb |
| Sodium | 23-2 | 21533.04 | 21685.06 | 21471.85 | 21563.32 | 0.51 | ppb |
| Strontium | 86-1 | 243.58 | 248.57 | 239.14 | 243.77 | 1.94 | ppb |
| Strontium | 88-1 | 252.82 | 256.80 | 242.63 | 250.75 | 2.92 | ppb |
| Sulfur | 34-1 | 76865.63 | 77396.76 | 77848.26 | 77370.22 | 0.64 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 1.80 | 1.82 | 1.90 | 1.84 | 3.04 | ppb |
| Thallium | 205-1 | 1.81 | 1.84 | 1.83 | 1.83 | 0.95 | ppb |
| Tin | 118-1 | 364.07 | 363.10 | 367.26 | 364.81 | 0.60 | ppb |
| Titanium | 47-1 | 1560.86 | 1531.44 | 1536.80 | 1543.03 | 1.02 | ppb |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-010074-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:42:45 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6.71 | 6.54 | 6.75 | 6.67 | 1.63 | ppb |
| Vanadium | 51-2 | 233.42 | 233.56 | 234.34 | 233.77 | 0.21 | ppb |
| Yttrium | 89-1 | | | | 122 | | % |
| Yttrium | 89-2 | | | | 123 | | % |
| Zinc | 66-2 | 2053.74 | 2057.97 | 2047.01 | 2052.90 | 0.27 | ppb |
| Zirconium | 90-1 | 55.26 | 56.29 | 54.93 | 55.50 | 1.28 | ppb |
| Zirconium | 91-1 | 55.27 | 56.41 | 55.35 | 55.68 | 1.14 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:45:55 | DataFile Name : | 070CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 51340.65 | 50450.59 | 51745.15 | 51178.80 | 1.29 | ppb |
| Antimony | 121-1 | 511.26 | 516.50 | 515.51 | 514.42 | 0.54 | ppb |
| Arsenic | 75-2 | 491.75 | 491.41 | 496.18 | 493.11 | 0.54 | ppb |
| Barium | 135-1 | 2551.77 | 2578.78 | 2665.47 | 2598.67 | 2.29 | ppb |
| Barium | 137-1 | 2458.15 | 2635.72 | 2578.54 | 2557.47 | 3.54 | ppb |
| Beryllium | 9-1 | 507.04 | 512.71 | 514.11 | 511.28 | 0.73 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 485.17 | 510.82 | 504.93 | 500.31 | 2.69 | ppb |
| Cadmium | 106-1 | 483.97 | 511.59 | 506.12 | 500.56 | 2.92 | ppb |
| Cadmium | 111-1 | 486.58 | 499.50 | 503.42 | 496.50 | 1.78 | ppb |
| Calcium | 43-1 | 254261.79 | 256219.56 | 258489.24 | 256323.53 | 0.83 | ppb |
| Calcium | 44-1 | 257246.27 | 257725.08 | 254566.08 | 256512.48 | 0.66 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 502.67 | 504.47 | 507.05 | 504.73 | 0.44 | ppb |
| Cobalt | 59-2 | 501.00 | 492.67 | 497.30 | 496.99 | 0.84 | ppb |
| Copper | 63-2 | 4947.13 | 4975.12 | 5092.47 | 5004.91 | 1.54 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 101 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 131963.85 | 131342.42 | 132453.59 | 131919.95 | 0.42 | ppb |
| Iron | 57-2 | 132176.92 | 130478.56 | 131650.55 | 131435.34 | 0.66 | ppb |
| Iron | 54-2 | 131076.58 | 131457.46 | 132780.54 | 131771.53 | 0.68 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:45:55 | DataFile Name : | 070CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2580.24 | 2609.73 | 2529.99 | 2573.32 | 1.57 | ppb |
| Lead | 207-1 | 2516.51 | 2509.67 | 2487.82 | 2504.67 | 0.60 | ppb |
| Lead | 208-1 | 2561.08 | 2549.06 | 2493.50 | 2534.55 | 1.42 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 255661.09 | 248837.71 | 254560.70 | 253019.83 | 1.45 | ppb |
| Manganese | 55-2 | 5046.55 | 5091.88 | 5128.97 | 5089.13 | 0.81 | ppb |
| Molybdenum | 94-1 | 5075.00 | 5036.76 | 5021.51 | 5044.42 | 0.55 | ppb |
| Molybdenum | 95-1 | 5064.47 | 5052.17 | 4920.23 | 5012.29 | 1.60 | ppb |
| Molybdenum | 96-1 | 4996.42 | 5118.32 | 4967.14 | 5027.29 | 1.59 | ppb |
| Molybdenum | 97-1 | 5005.10 | 5042.78 | 5020.51 | 5022.80 | 0.38 | ppb |
| Molybdenum | 98-1 | 4968.26 | 5057.68 | 4921.84 | 4982.59 | 1.39 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 482.71 | 488.40 | 490.72 | 487.28 | 0.85 | ppb |
| Phosphorus | 31-2 | 10143.55 | 9963.97 | 10145.34 | 10084.29 | 1.03 | ppb |
| Potassium | 39-2 | 128499.02 | 126664.60 | 127986.43 | 127716.68 | 0.74 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 99 | | % |
| Scandium | 45-2 | | | | 99 | | % |
| Selenium | 82-1 | 478.96 | 485.79 | 475.01 | 479.92 | 1.14 | ppb |
| Selenium | 77-2 | 510.50 | 468.66 | 486.20 | 488.45 | 4.30 | ppb |
| Selenium | 78-2 | 485.28 | 475.37 | 468.16 | 476.27 | 1.81 | ppb |
| Silicon | 28-1 | 521.10 | 532.69 | 532.27 | 528.69 | 1.24 | ppb |
| Silver | 107-1 | 498.72 | 515.50 | 525.34 | 513.19 | 2.62 | ppb |
| Silver | 109-1 | 489.62 | 514.09 | 511.15 | 504.95 | 2.65 | ppb |
| Sodium | 23-2 | 252617.18 | 253100.82 | 253976.63 | 253231.54 | 0.27 | ppb |
| Strontium | 86-1 | 497.57 | 511.32 | 493.31 | 500.73 | 1.88 | ppb |
| Strontium | 88-1 | 510.31 | 515.74 | 523.69 | 516.58 | 1.30 | ppb |
| Sulfur | 34-1 | 9789.06 | 9799.02 | 9562.13 | 9716.73 | 1.38 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 509.17 | 525.34 | 510.53 | 515.01 | 1.74 | ppb |
| Thallium | 205-1 | 513.85 | 522.65 | 528.13 | 521.54 | 1.38 | ppb |
| Tin | 118-1 | 509.95 | 531.82 | 525.22 | 522.33 | 2.15 | ppb |
| Titanium | 47-1 | 5010.62 | 5064.21 | 5125.21 | 5066.68 | 1.13 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:45:55 | DataFile Name : | 070CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 497.42 | 494.12 | 485.89 | 492.47 | 1.21 | ppb |
| Vanadium | 51-2 | 507.28 | 507.51 | 508.17 | 507.65 | 0.09 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 4779.76 | 4967.47 | 4830.09 | 4859.11 | 2.00 | ppb |
| Zirconium | 90-1 | 507.71 | 509.86 | 505.04 | 507.54 | 0.48 | ppb |
| Zirconium | 91-1 | 497.22 | 500.04 | 494.48 | 497.25 | 0.56 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:00:21 | DataFile Name : | 072CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.12 | -0.03 | -0.15 | -0.02 | | ppb |
| Antimony | 121-1 | 0.02 | 0.03 | 0.02 | 0.02 | 28.15 | ppb |
| Arsenic | 75-2 | -0.02 | -0.02 | -0.01 | -0.02 | | ppb |
| Barium | 135-1 | 0.02 | -0.02 | -0.02 | -0.01 | | ppb |
| Barium | 137-1 | -0.01 | -0.01 | -0.02 | -0.01 | | ppb |
| Beryllium | 9-1 | -0.01 | -0.01 | 0.01 | -0.01 | | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.09 | 0.08 | -0.05 | -0.02 | | ppb |
| Cadmium | 106-1 | -3.77 | -4.15 | -2.89 | -3.60 | | ppb |
| Cadmium | 111-1 | -0.26 | -0.29 | -0.19 | -0.25 | | ppb |
| Calcium | 43-1 | -3.35 | -1.57 | 0.06 | -1.62 | | ppb |
| Calcium | 44-1 | 6.98 | 3.33 | 5.70 | 5.34 | 34.63 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.03 | 0.01 | 0.01 | -0.01 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.02 | -0.02 | -0.02 | | ppb |
| Copper | 63-2 | 0.07 | 0.09 | 0.06 | 0.08 | 18.95 | 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 | | | | 95 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 2.08 | 2.54 | 1.97 | 2.20 | 13.94 | ppb |
| Iron | 57-2 | 5.00 | 3.99 | 3.29 | 4.09 | 21.00 | ppb |
| Iron | 54-2 | 3.64 | 2.56 | 1.93 | 2.71 | 31.83 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:00:21 | DataFile Name : | 072CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.04 | 0.03 | 0.04 | 0.04 | 10.43 | ppb |
| Lead | 207-1 | 0.04 | 0.01 | 0.04 | 0.03 | 58.89 | ppb |
| Lead | 208-1 | 0.04 | 0.03 | 0.03 | 0.04 | 15.84 | ppb |
| Lithium | 6-1 | | | | 87 | | % |
| Magnesium | 24-2 | 0.32 | 0.14 | 0.03 | 0.16 | 89.38 | ppb |
| Manganese | 55-2 | -0.05 | -0.03 | -0.07 | -0.05 | | ppb |
| Molybdenum | 94-1 | 0.00 | 0.00 | -0.03 | -0.01 | | ppb |
| Molybdenum | 95-1 | 0.03 | 0.03 | 0.04 | 0.04 | 25.04 | ppb |
| Molybdenum | 96-1 | 0.00 | -0.01 | 0.01 | 0.00 | | ppb |
| Molybdenum | 97-1 | 0.00 | 0.00 | -0.01 | 0.00 | | ppb |
| Molybdenum | 98-1 | -0.01 | 0.00 | 0.01 | 0.00 | 4819.22 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.10 | -0.15 | -0.10 | -0.12 | | ppb |
| Phosphorus | 31-2 | -44.50 | -43.54 | -47.57 | -45.21 | | ppb |
| Potassium | 39-2 | 19.29 | 19.50 | 18.04 | 18.94 | 4.18 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.08 | 0.14 | -1.03 | -0.27 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | 0.12 | 0.21 | -0.17 | 0.06 | 353.08 | ppb |
| Silicon | 28-1 | 0.39 | 0.34 | 0.49 | 0.40 | 18.77 | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Sodium | 23-2 | 34.86 | 35.32 | 34.76 | 34.98 | 0.85 | ppb |
| Strontium | 86-1 | 0.00 | 0.09 | 0.11 | 0.07 | 85.60 | ppb |
| Strontium | 88-1 | 0.00 | 0.00 | 0.00 | 0.00 | 70.93 | ppb |
| Sulfur | 34-1 | 42.40 | -59.86 | 96.19 | 26.24 | 302.07 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.01 | 0.00 | 0.01 | 0.01 | 127.05 | ppb |
| Thallium | 205-1 | 0.01 | -0.01 | 0.00 | 0.00 | 1071.80 | ppb |
| Tin | 118-1 | 0.08 | 0.09 | 0.05 | 0.07 | 24.86 | ppb |
| Titanium | 47-1 | 0.03 | 0.07 | 0.01 | 0.04 | 79.99 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:00:21 | DataFile Name : | 072CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.02 | -0.01 | -0.02 | -0.02 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 6318.88 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 0.20 | 0.28 | -0.06 | 0.14 | 127.45 | ppb |
| Zirconium | 90-1 | 0.01 | 0.01 | 0.01 | 0.01 | 28.46 | ppb |
| Zirconium | 91-1 | 0.00 | 0.00 | 0.01 | 0.00 | 179.35 | ppb |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:03:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 85775.22 | 85741.10 | 85402.89 | 85639.74 | 0.24 | ppb |
| Antimony | 121-1 | 1.91 | 1.88 | 1.87 | 1.89 | 1.11 | ppb |
| Arsenic | 75-2 | 197.61 | 195.97 | 197.36 | 196.98 | 0.45 | ppb |
| Barium | 135-1 | 2586.66 | 2660.11 | 2545.41 | 2597.39 | 2.24 | ppb |
| Barium | 137-1 | 2621.43 | 2605.84 | 2555.18 | 2594.15 | 1.34 | ppb |
| Beryllium | 9-1 | 8.99 | 8.75 | 9.21 | 8.98 | 2.54 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 88.78 | 97.10 | 90.58 | 92.15 | 4.75 | ppb |
| Cadmium | 106-1 | 96.86 | 98.45 | 94.19 | 96.50 | 2.23 | ppb |
| Cadmium | 111-1 | 90.06 | 90.84 | 88.52 | 89.81 | 1.31 | ppb |
| Calcium | 43-1 | 77291.87 | 82693.46 | 81319.57 | 80434.97 | 3.49 | ppb |
| Calcium | 44-1 | 77219.30 | 79574.99 | 79066.67 | 78620.32 | 1.58 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2211.22 | 2162.44 | 2222.63 | 2198.76 | 1.45 | ppb |
| Cobalt | 59-2 | 111.85 | 110.90 | 111.06 | 111.27 | 0.46 | ppb |
| Copper | 63-2 | 2821.41 | 2770.47 | 2797.18 | 2796.35 | 0.91 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 252251.34 | 251995.26 | 255166.55 | 253137.72 | 0.70 | ppb |
| Iron | 57-2 | 252875.71 | 248791.70 | 248598.02 | 250088.48 | 0.97 | ppb |
| Iron | 54-2 | 261270.33 | 250805.97 | 252647.58 | 254907.96 | 2.19 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:03:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6092.67 | 6287.70 | 5981.28 | 6120.55 | 2.53 | ppb |
| Lead | 207-1 | 5809.00 | 6034.97 | 5720.49 | 5854.82 | 2.77 | ppb |
| Lead | 208-1 | 6060.23 | 6156.63 | 5878.89 | 6031.92 | 2.34 | ppb |
| Lithium | 6-1 | | | | 96 | | % |
| Magnesium | 24-2 | 68478.32 | 67105.11 | 68803.38 | 68128.94 | 1.32 | ppb |
| Manganese | 55-2 | 2032.99 | 1997.57 | 2004.20 | 2011.59 | 0.94 | ppb |
| Molybdenum | 94-1 | 143.76 | 141.96 | 142.52 | 142.75 | 0.64 | ppb |
| Molybdenum | 95-1 | 27.04 | 26.39 | 26.59 | 26.67 | 1.24 | ppb |
| Molybdenum | 96-1 | 40.07 | 39.88 | 40.94 | 40.30 | 1.41 | ppb |
| Molybdenum | 97-1 | 27.47 | 27.80 | 26.87 | 27.38 | 1.73 | ppb |
| Molybdenum | 98-1 | 26.74 | 26.75 | 26.75 | 26.75 | 0.03 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 747.22 | 734.41 | 740.79 | 740.81 | 0.86 | ppb |
| Phosphorus | 31-2 | 11753.11 | 11456.19 | 11600.22 | 11603.17 | 1.28 | ppb |
| Potassium | 39-2 | 18814.16 | 18178.06 | 18319.17 | 18437.13 | 1.81 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 113 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 18.05 | 17.40 | 18.51 | 17.99 | 3.08 | ppb |
| Selenium | 77-2 | 43.72 | 47.66 | 41.73 | 44.37 | 6.80 | ppb |
| Selenium | 78-2 | 23.58 | 24.52 | 22.95 | 23.68 | 3.34 | ppb |
| Silicon | 28-1 | 60.49 | 63.06 | 67.79 | 63.78 | 5.81 | ppb |
| Silver | 107-1 | 45.65 | 46.55 | 46.15 | 46.11 | 0.98 | ppb |
| Silver | 109-1 | 45.85 | 46.80 | 45.37 | 46.01 | 1.58 | ppb |
| Sodium | 23-2 | 61350.09 | 61195.14 | 59722.24 | 60755.82 | 1.48 | ppb |
| Strontium | 86-1 | 552.70 | 554.17 | 552.66 | 553.18 | 0.16 | ppb |
| Strontium | 88-1 | 581.29 | 566.80 | 575.37 | 574.49 | 1.27 | ppb |
| Sulfur | 34-1 | 128323.97 | 128612.71 | 131804.17 | 129580.28 | 1.49 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 2.44 | 2.47 | 2.31 | 2.41 | 3.51 | ppb |
| Thallium | 205-1 | 2.41 | 2.48 | 2.36 | 2.41 | 2.51 | ppb |
| Tin | 118-1 | 314.18 | 324.05 | 314.63 | 317.62 | 1.76 | ppb |
| Titanium | 47-1 | 2083.80 | 2143.90 | 2179.02 | 2135.57 | 2.25 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:03:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 15.23 | 15.82 | 15.14 | 15.40 | 2.40 | ppb |
| Vanadium | 51-2 | 491.97 | 489.54 | 489.42 | 490.31 | 0.29 | ppb |
| Yttrium | 89-1 | | | | 127 | | % |
| Yttrium | 89-2 | | | | 128 | | % |
| Zinc | 66-2 | 5899.56 | 5715.72 | 5866.65 | 5827.31 | 1.68 | ppb |
| Zirconium | 90-1 | 67.51 | 67.45 | 67.13 | 67.36 | 0.30 | ppb |
| Zirconium | 91-1 | 67.45 | 67.27 | 67.62 | 67.45 | 0.26 | ppb |

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On:10/24/2025 6:19:47 PM
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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:06:47 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 64682.92 | 65156.89 | 65430.06 | 65089.96 | 0.58 | ppb |
| Antimony | 121-1 | 1.77 | 1.78 | 1.84 | 1.80 | 2.07 | ppb |
| Arsenic | 75-2 | 274.07 | 264.55 | 270.05 | 269.56 | 1.77 | ppb |
| Barium | 135-1 | 1811.68 | 1791.18 | 1812.77 | 1805.21 | 0.67 | ppb |
| Barium | 137-1 | 1820.94 | 1788.83 | 1815.00 | 1808.26 | 0.94 | ppb |
| Beryllium | 9-1 | 5.02 | 5.09 | 4.65 | 4.92 | 4.85 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 55.91 | 53.78 | 52.92 | 54.21 | 2.84 | ppb |
| Cadmium | 106-1 | 60.37 | 56.56 | 57.23 | 58.05 | 3.50 | ppb |
| Cadmium | 111-1 | 56.27 | 54.02 | 55.46 | 55.25 | 2.06 | ppb |
| Calcium | 43-1 | 33305.32 | 33972.67 | 33273.79 | 33517.26 | 1.18 | ppb |
| Calcium | 44-1 | 31966.63 | 32894.96 | 32571.39 | 32477.66 | 1.45 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2057.77 | 2110.69 | 2130.34 | 2099.60 | 1.79 | ppb |
| Cobalt | 59-2 | 61.20 | 61.47 | 63.95 | 62.21 | 2.44 | ppb |
| Copper | 63-2 | 2348.60 | 2376.22 | 2412.52 | 2379.11 | 1.35 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 103 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 182771.24 | 188722.28 | 188634.08 | 186709.20 | 1.83 | ppb |
| Iron | 57-2 | 180011.10 | 182570.99 | 184201.66 | 182261.25 | 1.16 | ppb |
| Iron | 54-2 | 187653.51 | 185344.63 | 189325.34 | 187441.16 | 1.07 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:06:47 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3021.25 | 2956.16 | 2960.59 | 2979.33 | 1.22 | ppb |
| Lead | 207-1 | 2977.08 | 2790.21 | 2825.12 | 2864.14 | 3.47 | ppb |
| Lead | 208-1 | 2987.74 | 2902.40 | 2896.79 | 2928.98 | 1.74 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 40307.55 | 40850.17 | 40602.31 | 40586.68 | 0.67 | ppb |
| Manganese | 55-2 | 1566.10 | 1618.82 | 1637.65 | 1607.52 | 2.31 | ppb |
| Molybdenum | 94-1 | 92.34 | 92.99 | 92.40 | 92.58 | 0.39 | ppb |
| Molybdenum | 95-1 | 11.91 | 12.17 | 12.14 | 12.07 | 1.21 | ppb |
| Molybdenum | 96-1 | 21.30 | 21.33 | 21.58 | 21.40 | 0.70 | ppb |
| Molybdenum | 97-1 | 12.27 | 12.29 | 12.17 | 12.24 | 0.51 | ppb |
| Molybdenum | 98-1 | 12.05 | 12.10 | 12.10 | 12.08 | 0.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 334.59 | 335.51 | 342.52 | 337.54 | 1.29 | ppb |
| Phosphorus | 31-2 | 7798.66 | 7889.62 | 8009.25 | 7899.18 | 1.34 | ppb |
| Potassium | 39-2 | 14307.20 | 14364.93 | 14664.02 | 14445.38 | 1.33 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 109 | | % |
| Scandium | 45-2 | | | | 110 | | % |
| Selenium | 82-1 | 16.45 | 15.20 | 15.68 | 15.78 | 4.00 | ppb |
| Selenium | 77-2 | 41.56 | 43.69 | 43.17 | 42.81 | 2.59 | ppb |
| Selenium | 78-2 | 20.66 | 22.43 | 17.82 | 20.30 | 11.44 | ppb |
| Silicon | 28-1 | 64.33 | 77.20 | 71.28 | 70.94 | 9.08 | ppb |
| Silver | 107-1 | 40.19 | 39.18 | 39.93 | 39.77 | 1.31 | ppb |
| Silver | 109-1 | 39.37 | 38.30 | 39.95 | 39.20 | 2.14 | ppb |
| Sodium | 23-2 | 37296.32 | 37405.89 | 38362.24 | 37688.15 | 1.56 | ppb |
| Strontium | 86-1 | 317.95 | 319.69 | 322.49 | 320.05 | 0.72 | ppb |
| Strontium | 88-1 | 328.58 | 331.05 | 328.55 | 329.39 | 0.44 | ppb |
| Sulfur | 34-1 | 87040.35 | 87136.68 | 85705.84 | 86627.62 | 0.92 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 2.67 | 2.71 | 2.60 | 2.66 | 2.09 | ppb |
| Thallium | 205-1 | 2.63 | 2.64 | 2.58 | 2.62 | 1.22 | ppb |
| Tin | 118-1 | 300.78 | 290.80 | 299.28 | 296.96 | 1.81 | ppb |
| Titanium | 47-1 | 1494.91 | 1534.79 | 1472.01 | 1500.57 | 2.12 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:06:47 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8.94 | 8.71 | 8.53 | 8.72 | 2.32 | ppb |
| Vanadium | 51-2 | 262.39 | 264.82 | 268.77 | 265.33 | 1.21 | ppb |
| Yttrium | 89-1 | | | | 122 | | % |
| Yttrium | 89-2 | | | | 121 | | % |
| Zinc | 66-2 | 3467.44 | 3348.30 | 3480.67 | 3432.14 | 2.12 | ppb |
| Zirconium | 90-1 | 45.48 | 45.81 | 45.54 | 45.61 | 0.39 | ppb |
| Zirconium | 91-1 | 46.08 | 46.72 | 45.77 | 46.19 | 1.05 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:09:56 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 63661.64 | 62631.45 | 66221.00 | 64171.36 | 2.88 | ppb |
| Antimony | 121-1 | 1.71 | 1.69 | 1.72 | 1.71 | 0.66 | ppb |
| Arsenic | 75-2 | 206.45 | 205.70 | 210.63 | 207.59 | 1.28 | ppb |
| Barium | 135-1 | 1656.20 | 1601.30 | 1656.75 | 1638.08 | 1.94 | ppb |
| Barium | 137-1 | 1614.39 | 1596.46 | 1658.37 | 1623.08 | 1.96 | ppb |
| Beryllium | 9-1 | 4.88 | 5.11 | 5.13 | 5.04 | 2.77 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 46.79 | 45.39 | 46.52 | 46.23 | 1.61 | ppb |
| Cadmium | 106-1 | 47.30 | 45.55 | 48.26 | 47.04 | 2.92 | ppb |
| Cadmium | 111-1 | 46.64 | 44.83 | 45.86 | 45.78 | 1.99 | ppb |
| Calcium | 43-1 | 22676.46 | 23310.40 | 23305.52 | 23097.46 | 1.58 | ppb |
| Calcium | 44-1 | 21727.41 | 22284.76 | 22419.83 | 22144.00 | 1.66 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1743.99 | 1708.22 | 1745.33 | 1732.51 | 1.21 | ppb |
| Cobalt | 59-2 | 57.72 | 56.69 | 58.69 | 57.70 | 1.73 | ppb |
| Copper | 63-2 | 2081.97 | 2074.97 | 2087.34 | 2081.43 | 0.30 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 170846.20 | 166916.49 | 170276.62 | 169346.44 | 1.25 | ppb |
| Iron | 57-2 | 163326.56 | 166371.95 | 169014.71 | 166237.74 | 1.71 | ppb |
| Iron | 54-2 | 172268.06 | 168201.44 | 173512.53 | 171327.34 | 1.62 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:09:56 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3014.66 | 3007.27 | 3149.20 | 3057.04 | 2.61 | ppb |
| Lead | 207-1 | 2899.91 | 2919.14 | 2900.61 | 2906.55 | 0.38 | ppb |
| Lead | 208-1 | 2997.95 | 2991.13 | 3000.05 | 2996.37 | 0.16 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 37622.70 | 37621.89 | 39213.09 | 38152.56 | 2.41 | ppb |
| Manganese | 55-2 | 1508.98 | 1499.20 | 1523.77 | 1510.65 | 0.82 | ppb |
| Molybdenum | 94-1 | 88.95 | 90.15 | 90.36 | 89.82 | 0.84 | ppb |
| Molybdenum | 95-1 | 12.01 | 12.25 | 12.27 | 12.18 | 1.19 | ppb |
| Molybdenum | 96-1 | 21.22 | 20.99 | 21.56 | 21.26 | 1.34 | ppb |
| Molybdenum | 97-1 | 12.47 | 12.39 | 12.51 | 12.45 | 0.49 | ppb |
| Molybdenum | 98-1 | 12.16 | 12.25 | 12.41 | 12.28 | 1.03 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 314.44 | 310.14 | 316.33 | 313.64 | 1.01 | ppb |
| Phosphorus | 31-2 | 6923.27 | 6783.29 | 7007.78 | 6904.78 | 1.64 | ppb |
| Potassium | 39-2 | 14096.39 | 14273.86 | 14341.09 | 14237.11 | 0.89 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 108 | | % |
| Scandium | 45-2 | | | | 109 | | % |
| Selenium | 82-1 | 14.29 | 16.40 | 15.45 | 15.38 | 6.85 | ppb |
| Selenium | 77-2 | 35.95 | 36.89 | 36.01 | 36.28 | 1.44 | ppb |
| Selenium | 78-2 | 18.83 | 17.66 | 17.25 | 17.91 | 4.56 | ppb |
| Silicon | 28-1 | 95.09 | 98.32 | 75.65 | 89.69 | 13.67 | ppb |
| Silver | 107-1 | 39.50 | 39.14 | 40.48 | 39.71 | 1.75 | ppb |
| Silver | 109-1 | 39.25 | 37.92 | 39.53 | 38.90 | 2.22 | ppb |
| Sodium | 23-2 | 38440.96 | 36956.22 | 39665.62 | 38354.27 | 3.54 | ppb |
| Strontium | 86-1 | 249.78 | 252.46 | 257.33 | 253.19 | 1.51 | ppb |
| Strontium | 88-1 | 259.01 | 260.33 | 266.69 | 262.01 | 1.57 | ppb |
| Sulfur | 34-1 | 79976.81 | 80227.44 | 80670.30 | 80291.51 | 0.44 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 2.44 | 2.46 | 2.43 | 2.44 | 0.76 | ppb |
| Thallium | 205-1 | 2.44 | 2.46 | 2.47 | 2.45 | 0.60 | ppb |
| Tin | 118-1 | 351.05 | 337.34 | 351.02 | 346.47 | 2.28 | ppb |
| Titanium | 47-1 | 1307.33 | 1340.31 | 1335.25 | 1327.63 | 1.34 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:09:56 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8.95 | 8.90 | 8.87 | 8.91 | 0.44 | ppb |
| Vanadium | 51-2 | 252.74 | 248.03 | 252.28 | 251.02 | 1.03 | ppb |
| Yttrium | 89-1 | | | | 121 | | % |
| Yttrium | 89-2 | | | | 122 | | % |
| Zinc | 66-2 | 3329.88 | 3212.27 | 3375.79 | 3305.98 | 2.55 | ppb |
| Zirconium | 90-1 | 43.85 | 44.35 | 44.95 | 44.38 | 1.25 | ppb |
| Zirconium | 91-1 | 43.77 | 44.93 | 45.84 | 44.85 | 2.31 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:13:02 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 85320.47 | 85592.48 | 87103.18 | 86005.38 | 1.12 | ppb |
| Antimony | 121-1 | 1.45 | 1.57 | 1.48 | 1.50 | 4.20 | ppb |
| Arsenic | 75-2 | 403.45 | 405.26 | 410.46 | 406.39 | 0.90 | ppb |
| Barium | 135-1 | 2880.44 | 2927.73 | 2782.81 | 2863.66 | 2.58 | ppb |
| Barium | 137-1 | 2768.27 | 2899.90 | 2742.90 | 2803.69 | 3.01 | ppb |
| Beryllium | 9-1 | 7.07 | 7.00 | 6.77 | 6.95 | 2.27 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 73.92 | 77.49 | 74.75 | 75.39 | 2.47 | ppb |
| Cadmium | 106-1 | 79.34 | 82.29 | 76.60 | 79.41 | 3.58 | ppb |
| Cadmium | 111-1 | 78.38 | 79.84 | 76.94 | 78.39 | 1.85 | ppb |
| Calcium | 43-1 | 40467.46 | 41510.23 | 40969.41 | 40982.37 | 1.27 | ppb |
| Calcium | 44-1 | 39645.54 | 39438.23 | 39442.69 | 39508.82 | 0.30 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1878.90 | 1833.70 | 1893.12 | 1868.57 | 1.66 | ppb |
| Cobalt | 59-2 | 77.40 | 77.01 | 77.10 | 77.17 | 0.27 | ppb |
| Copper | 63-2 | 2586.49 | 2568.24 | 2591.47 | 2582.07 | 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 | | | | 105 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 222918.44 | 224669.94 | 226150.00 | 224579.46 | 0.72 | ppb |
| Iron | 57-2 | 221590.46 | 216574.72 | 218898.05 | 219021.08 | 1.15 | ppb |
| Iron | 54-2 | 223653.87 | 222933.53 | 224286.06 | 223624.49 | 0.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:13:02 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2986.07 | 2951.80 | 2897.95 | 2945.27 | 1.51 | ppb |
| Lead | 207-1 | 2962.36 | 2840.38 | 2778.73 | 2860.49 | 3.27 | ppb |
| Lead | 208-1 | 2975.07 | 2870.23 | 2843.01 | 2896.10 | 2.41 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 48521.06 | 47402.74 | 47852.03 | 47925.28 | 1.17 | ppb |
| Manganese | 55-2 | 2482.59 | 2438.41 | 2451.43 | 2457.48 | 0.92 | ppb |
| Molybdenum | 94-1 | 109.17 | 109.40 | 110.88 | 109.82 | 0.85 | ppb |
| Molybdenum | 95-1 | 11.52 | 11.49 | 11.36 | 11.46 | 0.78 | ppb |
| Molybdenum | 96-1 | 22.93 | 22.63 | 22.96 | 22.84 | 0.79 | ppb |
| Molybdenum | 97-1 | 11.57 | 11.65 | 11.72 | 11.65 | 0.62 | ppb |
| Molybdenum | 98-1 | 11.45 | 11.54 | 11.51 | 11.50 | 0.37 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 326.77 | 325.56 | 330.72 | 327.68 | 0.82 | ppb |
| Phosphorus | 31-2 | 13296.88 | 12993.14 | 13198.30 | 13162.77 | 1.18 | ppb |
| Potassium | 39-2 | 19174.33 | 18611.95 | 19244.74 | 19010.34 | 1.82 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 112 | | % |
| Scandium | 45-2 | | | | 113 | | % |
| Selenium | 82-1 | 18.63 | 21.06 | 20.97 | 20.22 | 6.81 | ppb |
| Selenium | 77-2 | 55.57 | 54.29 | 52.04 | 53.97 | 3.31 | ppb |
| Selenium | 78-2 | 24.25 | 23.75 | 26.26 | 24.75 | 5.38 | ppb |
| Silicon | 28-1 | 63.75 | 64.61 | 64.02 | 64.13 | 0.69 | ppb |
| Silver | 107-1 | 34.67 | 36.26 | 34.72 | 35.22 | 2.57 | ppb |
| Silver | 109-1 | 34.32 | 35.14 | 34.22 | 34.56 | 1.47 | ppb |
| Sodium | 23-2 | 45491.29 | 45520.50 | 45954.45 | 45655.41 | 0.57 | ppb |
| Strontium | 86-1 | 385.22 | 381.51 | 387.50 | 384.74 | 0.79 | ppb |
| Strontium | 88-1 | 399.69 | 395.07 | 398.62 | 397.79 | 0.61 | ppb |
| Sulfur | 34-1 | 85745.54 | 88179.94 | 85055.45 | 86326.98 | 1.90 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 3.12 | 3.02 | 2.94 | 3.03 | 2.98 | ppb |
| Thallium | 205-1 | 3.08 | 3.05 | 2.98 | 3.04 | 1.75 | ppb |
| Tin | 118-1 | 300.79 | 312.76 | 298.83 | 304.13 | 2.48 | ppb |
| Titanium | 47-1 | 1793.65 | 1823.20 | 1779.98 | 1798.94 | 1.23 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:13:02 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 9.80 | 9.72 | 9.50 | 9.67 | 1.58 | ppb |
| Vanadium | 51-2 | 318.13 | 315.01 | 317.61 | 316.91 | 0.53 | ppb |
| Yttrium | 89-1 | | | | 129 | | % |
| Yttrium | 89-2 | | | | 128 | | % |
| Zinc | 66-2 | 3481.27 | 3512.47 | 3561.68 | 3518.47 | 1.15 | ppb |
| Zirconium | 90-1 | 55.93 | 56.04 | 56.01 | 55.99 | 0.10 | ppb |
| Zirconium | 91-1 | 56.70 | 56.02 | 55.71 | 56.14 | 0.91 | ppb |

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On:10/24/2025 6:19:47 PM
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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:16:20 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 82467.49 | 83126.11 | 83961.05 | 83184.89 | 0.90 | ppb |
| Antimony | 121-1 | 2.58 | 2.54 | 2.60 | 2.57 | 1.33 | ppb |
| Arsenic | 75-2 | 273.69 | 266.23 | 277.71 | 272.54 | 2.14 | ppb |
| Barium | 135-1 | 1647.16 | 1642.28 | 1683.96 | 1657.80 | 1.37 | ppb |
| Barium | 137-1 | 1656.70 | 1603.59 | 1657.53 | 1639.27 | 1.89 | ppb |
| Beryllium | 9-1 | 6.91 | 6.68 | 6.84 | 6.81 | 1.76 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 93.35 | 89.06 | 85.95 | 89.46 | 4.16 | ppb |
| Cadmium | 106-1 | 99.06 | 92.42 | 95.18 | 95.55 | 3.49 | ppb |
| Cadmium | 111-1 | 93.10 | 90.90 | 93.32 | 92.44 | 1.44 | ppb |
| Calcium | 43-1 | 52466.61 | 53965.48 | 53490.45 | 53307.51 | 1.44 | ppb |
| Calcium | 44-1 | 50971.42 | 51970.03 | 51015.15 | 51318.87 | 1.10 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2876.87 | 2840.88 | 2791.32 | 2836.36 | 1.51 | ppb |
| Cobalt | 59-2 | 82.16 | 82.69 | 82.92 | 82.59 | 0.47 | ppb |
| Copper | 63-2 | 2940.25 | 3049.56 | 3003.48 | 2997.76 | 1.83 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 225643.52 | 232410.40 | 229988.06 | 229347.33 | 1.49 | ppb |
| Iron | 57-2 | 228154.50 | 226481.18 | 224909.55 | 226515.08 | 0.72 | ppb |
| Iron | 54-2 | 226350.96 | 230149.00 | 233570.35 | 230023.44 | 1.57 | ppb |
| Krypton | 83-1 | | | | | | cps |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:16:20 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2847.92 | 2889.64 | 2781.52 | 2839.69 | 1.92 | ppb |
| Lead | 207-1 | 2769.71 | 2691.54 | 2612.36 | 2691.20 | 2.92 | ppb |
| Lead | 208-1 | 2808.05 | 2786.43 | 2708.22 | 2767.57 | 1.90 | ppb |
| Lithium | 6-1 | | | | 91 | | % |
| Magnesium | 24-2 | 52094.52 | 51790.08 | 51857.17 | 51913.92 | 0.31 | ppb |
| Manganese | 55-2 | 2012.58 | 2019.23 | 2043.85 | 2025.22 | 0.81 | ppb |
| Molybdenum | 94-1 | 122.58 | 120.10 | 121.79 | 121.49 | 1.05 | ppb |
| Molybdenum | 95-1 | 18.63 | 18.16 | 18.37 | 18.39 | 1.30 | ppb |
| Molybdenum | 96-1 | 30.94 | 30.12 | 30.17 | 30.41 | 1.52 | ppb |
| Molybdenum | 97-1 | 19.28 | 18.37 | 18.35 | 18.67 | 2.85 | ppb |
| Molybdenum | 98-1 | 18.68 | 18.17 | 18.09 | 18.31 | 1.76 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 552.12 | 554.69 | 553.19 | 553.33 | 0.23 | ppb |
| Phosphorus | 31-2 | 15483.25 | 15589.83 | 15489.31 | 15520.79 | 0.39 | ppb |
| Potassium | 39-2 | 19179.24 | 19497.10 | 19057.65 | 19244.66 | 1.18 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 109 | | % |
| Scandium | 45-2 | | | | 111 | | % |
| Selenium | 82-1 | 15.34 | 13.99 | 15.87 | 15.06 | 6.42 | ppb |
| Selenium | 77-2 | 49.58 | 50.59 | 51.50 | 50.56 | 1.91 | ppb |
| Selenium | 78-2 | 20.26 | 19.38 | 17.92 | 19.19 | 6.15 | ppb |
| Silicon | 28-1 | 71.98 | 73.90 | 67.54 | 71.14 | 4.59 | ppb |
| Silver | 107-1 | 34.39 | 33.51 | 34.57 | 34.16 | 1.65 | ppb |
| Silver | 109-1 | 33.75 | 32.80 | 33.02 | 33.19 | 1.51 | ppb |
| Sodium | 23-2 | 61336.05 | 62427.49 | 62194.66 | 61986.07 | 0.93 | ppb |
| Strontium | 86-1 | 590.10 | 569.64 | 577.53 | 579.09 | 1.78 | ppb |
| Strontium | 88-1 | 600.58 | 598.66 | 594.83 | 598.02 | 0.49 | ppb |
| Sulfur | 34-1 | 111537.48 | 115161.70 | 113217.82 | 113305.67 | 1.60 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 2.68 | 2.65 | 2.59 | 2.64 | 1.79 | ppb |
| Thallium | 205-1 | 2.66 | 2.59 | 2.61 | 2.62 | 1.38 | ppb |
| Tin | 118-1 | 293.08 | 282.73 | 291.64 | 289.15 | 1.94 | ppb |
| Titanium | 47-1 | 2406.55 | 2511.10 | 2420.98 | 2446.21 | 2.32 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:16:20 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 11.54 | 11.39 | 11.22 | 11.38 | 1.44 | ppb |
| Vanadium | 51-2 | 533.14 | 535.72 | 532.81 | 533.89 | 0.30 | ppb |
| Yttrium | 89-1 | | | | 125 | | % |
| Yttrium | 89-2 | | | | 124 | | % |
| Zinc | 66-2 | 4256.32 | 4198.48 | 4264.85 | 4239.88 | 0.85 | ppb |
| Zirconium | 90-1 | 60.27 | 58.07 | 59.05 | 59.13 | 1.86 | ppb |
| Zirconium | 91-1 | 60.96 | 57.35 | 59.20 | 59.17 | 3.05 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:19:36 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 50779.23 | 50126.62 | 51296.88 | 50734.24 | 1.16 | ppb |
| Antimony | 121-1 | 0.63 | 0.67 | 0.63 | 0.64 | 3.00 | ppb |
| Arsenic | 75-2 | 63.30 | 63.90 | 61.79 | 63.00 | 1.73 | ppb |
| Barium | 135-1 | 416.97 | 423.84 | 428.31 | 423.04 | 1.35 | ppb |
| Barium | 137-1 | 414.68 | 419.75 | 426.45 | 420.29 | 1.40 | ppb |
| Beryllium | 9-1 | 5.88 | 6.02 | 5.79 | 5.90 | 2.02 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 12.67 | 10.96 | 11.43 | 11.69 | 7.60 | ppb |
| Cadmium | 106-1 | 13.44 | 11.67 | 13.46 | 12.86 | 8.01 | ppb |
| Cadmium | 111-1 | 8.18 | 8.16 | 8.40 | 8.25 | 1.60 | ppb |
| Calcium | 43-1 | 39919.37 | 40278.48 | 39367.77 | 39855.21 | 1.15 | ppb |
| Calcium | 44-1 | 39266.51 | 39612.00 | 38230.74 | 39036.42 | 1.84 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 394.77 | 393.17 | 400.18 | 396.04 | 0.93 | ppb |
| Cobalt | 59-2 | 64.78 | 65.11 | 66.45 | 65.45 | 1.35 | ppb |
| Copper | 63-2 | 823.81 | 825.49 | 831.42 | 826.91 | 0.48 | ppb |
| Dysprosium | 156-1 | | | | | | 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 | | | | 104 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 141706.80 | 142592.05 | 145837.11 | 143378.66 | 1.52 | ppb |
| Iron | 57-2 | 139065.09 | 139490.82 | 142410.53 | 140322.15 | 1.30 | ppb |
| Iron | 54-2 | 142096.15 | 140761.99 | 145702.78 | 142853.64 | 1.79 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:19:36 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1893.07 | 1942.30 | 1947.85 | 1927.74 | 1.56 | ppb |
| Lead | 207-1 | 1848.02 | 1837.27 | 1858.30 | 1847.86 | 0.57 | ppb |
| Lead | 208-1 | 1841.87 | 1903.51 | 1909.28 | 1884.89 | 1.98 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 57002.44 | 58447.86 | 57061.98 | 57504.09 | 1.42 | ppb |
| Manganese | 55-2 | 1582.79 | 1612.24 | 1589.10 | 1594.71 | 0.97 | ppb |
| Molybdenum | 94-1 | 90.98 | 93.30 | 91.81 | 92.03 | 1.27 | ppb |
| Molybdenum | 95-1 | 16.35 | 16.63 | 17.05 | 16.67 | 2.11 | ppb |
| Molybdenum | 96-1 | 25.13 | 25.82 | 25.64 | 25.53 | 1.42 | ppb |
| Molybdenum | 97-1 | 16.86 | 17.14 | 17.19 | 17.06 | 1.04 | ppb |
| Molybdenum | 98-1 | 16.65 | 16.87 | 16.54 | 16.69 | 1.02 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 442.92 | 446.43 | 458.28 | 449.21 | 1.79 | ppb |
| Phosphorus | 31-2 | 2788.62 | 2848.36 | 2884.39 | 2840.46 | 1.70 | ppb |
| Potassium | 39-2 | 12058.80 | 11872.17 | 12054.00 | 11994.99 | 0.89 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 105 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 4.77 | 4.55 | 4.93 | 4.75 | 3.95 | ppb |
| Selenium | 77-2 | 25.78 | 25.26 | 25.29 | 25.44 | 1.16 | ppb |
| Selenium | 78-2 | 8.13 | 8.30 | 9.24 | 8.56 | 7.00 | ppb |
| Silicon | 28-1 | 60.48 | 63.68 | 64.87 | 63.01 | 3.61 | ppb |
| Silver | 107-1 | 14.29 | 14.34 | 14.56 | 14.39 | 1.00 | ppb |
| Silver | 109-1 | 13.98 | 14.20 | 14.16 | 14.11 | 0.81 | ppb |
| Sodium | 23-2 | 36801.30 | 37073.79 | 36200.49 | 36691.86 | 1.22 | ppb |
| Strontium | 86-1 | 170.07 | 172.74 | 173.89 | 172.23 | 1.14 | ppb |
| Strontium | 88-1 | 177.14 | 175.02 | 181.75 | 177.97 | 1.93 | ppb |
| Sulfur | 34-1 | 54307.95 | 55833.94 | 55567.81 | 55236.57 | 1.48 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 1.69 | 1.82 | 1.84 | 1.78 | 4.46 | ppb |
| Thallium | 205-1 | 1.73 | 1.79 | 1.78 | 1.77 | 1.89 | ppb |
| Tin | 118-1 | 174.70 | 174.71 | 175.28 | 174.90 | 0.19 | ppb |
| Titanium | 47-1 | 1343.66 | 1374.67 | 1346.75 | 1355.03 | 1.26 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:19:36 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 5.71 | 6.02 | 5.77 | 5.83 | 2.88 | ppb |
| Vanadium | 51-2 | 163.54 | 164.48 | 167.05 | 165.02 | 1.10 | ppb |
| Yttrium | 89-1 | | | | 114 | | % |
| Yttrium | 89-2 | | | | 116 | | % |
| Zinc | 66-2 | 2073.19 | 2069.55 | 2085.08 | 2075.94 | 0.39 | ppb |
| Zirconium | 90-1 | 43.52 | 43.75 | 43.82 | 43.69 | 0.36 | ppb |
| Zirconium | 91-1 | 43.46 | 44.04 | 44.47 | 43.99 | 1.15 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 16:25:45 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10623.74 | 10983.51 | 10879.01 | 10828.75 | 1.71 | ppb |
| Antimony | 121-1 | 0.13 | 0.15 | 0.13 | 0.14 | 10.02 | ppb |
| Arsenic | 75-2 | 14.44 | 14.75 | 14.47 | 14.55 | 1.17 | ppb |
| Barium | 135-1 | 87.35 | 88.41 | 81.75 | 85.84 | 4.17 | ppb |
| Barium | 137-1 | 87.64 | 88.59 | 83.86 | 86.70 | 2.89 | ppb |
| Beryllium | 9-1 | 1.18 | 1.21 | 1.19 | 1.19 | 1.37 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.40 | 2.13 | 2.03 | 2.19 | 8.80 | ppb |
| Cadmium | 106-1 | 1.40 | 1.74 | 1.10 | 1.41 | 22.64 | ppb |
| Cadmium | 111-1 | 1.63 | 1.64 | 1.58 | 1.62 | 1.93 | ppb |
| Calcium | 43-1 | 8783.79 | 8524.92 | 8574.68 | 8627.80 | 1.59 | ppb |
| Calcium | 44-1 | 8556.97 | 8337.92 | 8227.91 | 8374.27 | 2.00 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 83.36 | 83.41 | 84.13 | 83.64 | 0.52 | ppb |
| Cobalt | 59-2 | 13.76 | 13.74 | 14.00 | 13.83 | 1.06 | ppb |
| Copper | 63-2 | 171.17 | 172.44 | 171.15 | 171.58 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 29728.25 | 30449.58 | 30596.31 | 30258.05 | 1.54 | ppb |
| Iron | 57-2 | 29716.81 | 29967.36 | 29750.80 | 29811.66 | 0.46 | ppb |
| Iron | 54-2 | 30345.46 | 29964.32 | 30419.45 | 30243.08 | 0.81 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 16:25:45 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 361.93 | 358.41 | 348.01 | 356.12 | 2.03 | ppb |
| Lead | 207-1 | 346.04 | 343.90 | 334.71 | 341.55 | 1.76 | ppb |
| Lead | 208-1 | 367.69 | 371.62 | 362.90 | 367.40 | 1.19 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 12061.46 | 12064.46 | 12283.30 | 12136.41 | 1.05 | ppb |
| Manganese | 55-2 | 331.82 | 334.12 | 340.02 | 335.32 | 1.26 | ppb |
| Molybdenum | 94-1 | 20.47 | 20.88 | 20.89 | 20.74 | 1.16 | ppb |
| Molybdenum | 95-1 | 3.80 | 3.84 | 3.69 | 3.78 | 2.04 | ppb |
| Molybdenum | 96-1 | 5.79 | 5.78 | 5.84 | 5.80 | 0.51 | ppb |
| Molybdenum | 97-1 | 3.85 | 3.98 | 3.79 | 3.87 | 2.49 | ppb |
| Molybdenum | 98-1 | 3.69 | 3.80 | 3.67 | 3.72 | 1.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 95.48 | 97.02 | 97.24 | 96.58 | 0.99 | ppb |
| Phosphorus | 31-2 | 564.86 | 533.53 | 591.85 | 563.41 | 5.18 | ppb |
| Potassium | 39-2 | 2583.42 | 2612.53 | 2657.89 | 2617.95 | 1.43 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 100 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 102 | | % |
| Selenium | 82-1 | 0.85 | 0.81 | 1.08 | 0.91 | 16.01 | ppb |
| Selenium | 77-2 | 5.97 | 5.64 | 6.19 | 5.93 | 4.67 | ppb |
| Selenium | 78-2 | 2.32 | 3.21 | 0.80 | 2.11 | 57.67 | ppb |
| Silicon | 28-1 | 17.55 | 17.11 | 16.85 | 17.17 | 2.05 | ppb |
| Silver | 107-1 | 2.97 | 3.05 | 2.82 | 2.95 | 4.03 | ppb |
| Silver | 109-1 | 2.96 | 3.00 | 2.95 | 2.97 | 0.92 | ppb |
| Sodium | 23-2 | 7621.96 | 7703.23 | 7545.77 | 7623.65 | 1.03 | ppb |
| Strontium | 86-1 | 39.08 | 38.99 | 39.19 | 39.09 | 0.26 | ppb |
| Strontium | 88-1 | 39.40 | 39.35 | 39.28 | 39.35 | 0.15 | ppb |
| Sulfur | 34-1 | 11170.95 | 10708.96 | 10750.11 | 10876.67 | 2.35 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 0.38 | 0.43 | 0.38 | 0.40 | 7.56 | ppb |
| Thallium | 205-1 | 0.37 | 0.36 | 0.37 | 0.37 | 1.82 | ppb |
| Tin | 118-1 | 36.46 | 37.00 | 34.58 | 36.01 | 3.53 | ppb |
| Titanium | 47-1 | 297.99 | 291.86 | 289.21 | 293.02 | 1.54 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 16:25:45 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.22 | 1.20 | 1.17 | 1.20 | 2.25 | ppb |
| Vanadium | 51-2 | 34.57 | 34.41 | 34.40 | 34.46 | 0.27 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 104 | | % |
| Zinc | 66-2 | 448.67 | 447.63 | 450.38 | 448.89 | 0.31 | ppb |
| Zirconium | 90-1 | 9.75 | 9.84 | 9.59 | 9.73 | 1.32 | ppb |
| Zirconium | 91-1 | 9.56 | 9.81 | 9.81 | 9.73 | 1.45 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:31:54 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 62922.90 | 60888.54 | 59779.42 | 61196.95 | 2.61 | ppb |
| Antimony | 121-1 | 479.84 | 474.36 | 461.48 | 471.89 | 2.00 | ppb |
| Arsenic | 75-2 | 481.14 | 491.37 | 495.32 | 489.28 | 1.50 | ppb |
| Barium | 135-1 | 2717.88 | 2704.82 | 2572.83 | 2665.18 | 3.01 | ppb |
| Barium | 137-1 | 2647.65 | 2715.78 | 2572.30 | 2645.24 | 2.71 | ppb |
| Beryllium | 9-1 | 468.09 | 465.79 | 456.18 | 463.35 | 1.36 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 465.92 | 472.32 | 451.51 | 463.25 | 2.30 | ppb |
| Cadmium | 106-1 | 480.55 | 489.89 | 472.00 | 480.81 | 1.86 | ppb |
| Cadmium | 111-1 | 479.38 | 482.53 | 462.10 | 474.67 | 2.32 | ppb |
| Calcium | 43-1 | 88108.68 | 87700.54 | 91128.72 | 88979.31 | 2.10 | ppb |
| Calcium | 44-1 | 87638.45 | 86847.26 | 88181.35 | 87555.69 | 0.77 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 928.38 | 931.56 | 906.26 | 922.07 | 1.49 | ppb |
| Cobalt | 59-2 | 518.66 | 500.48 | 525.36 | 514.83 | 2.50 | ppb |
| Copper | 63-2 | 5152.16 | 5031.35 | 5078.93 | 5087.48 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 169435.38 | 167440.85 | 171415.49 | 169430.57 | 1.17 | ppb |
| Iron | 57-2 | 168972.68 | 163935.55 | 169188.91 | 167365.71 | 1.78 | ppb |
| Iron | 54-2 | 171503.59 | 168657.29 | 171272.49 | 170477.79 | 0.93 | ppb |
| Krypton | 83-1 | | | | | | cps |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:31:54 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3690.22 | 3745.19 | 3656.20 | 3697.21 | 1.21 | ppb |
| Lead | 207-1 | 3700.19 | 3613.52 | 3505.80 | 3606.50 | 2.70 | ppb |
| Lead | 208-1 | 3693.91 | 3673.55 | 3631.07 | 3666.18 | 0.87 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 104866.21 | 105038.50 | 104965.36 | 104956.69 | 0.08 | ppb |
| Manganese | 55-2 | 5977.35 | 5847.25 | 5962.66 | 5929.09 | 1.20 | ppb |
| Molybdenum | 94-1 | 2041.17 | 2132.66 | 2073.62 | 2082.48 | 2.23 | ppb |
| Molybdenum | 95-1 | 1528.64 | 1538.06 | 1569.84 | 1545.51 | 1.40 | ppb |
| Molybdenum | 96-1 | 1592.27 | 1608.67 | 1610.45 | 1603.80 | 0.62 | ppb |
| Molybdenum | 97-1 | 1523.16 | 1522.45 | 1570.54 | 1538.72 | 1.79 | ppb |
| Molybdenum | 98-1 | 1502.41 | 1507.53 | 1556.00 | 1521.98 | 1.94 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 905.37 | 893.11 | 899.88 | 899.45 | 0.68 | ppb |
| Phosphorus | 31-2 | 3200.63 | 3166.51 | 3155.51 | 3174.22 | 0.74 | ppb |
| Potassium | 39-2 | 33742.48 | 33509.64 | 33853.70 | 33701.94 | 0.52 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 410.03 | 413.23 | 422.82 | 415.36 | 1.60 | ppb |
| Selenium | 77-2 | 429.73 | 434.98 | 428.84 | 431.19 | 0.77 | ppb |
| Selenium | 78-2 | 393.92 | 410.22 | 412.20 | 405.44 | 2.47 | ppb |
| Silicon | 28-1 | 60.43 | 71.36 | 77.12 | 69.64 | 12.17 | ppb |
| Silver | 107-1 | 93.79 | 95.49 | 91.40 | 93.56 | 2.20 | ppb |
| Silver | 109-1 | 92.03 | 92.64 | 89.73 | 91.46 | 1.68 | ppb |
| Sodium | 23-2 | 86950.88 | 86229.12 | 85178.76 | 86119.59 | 1.03 | ppb |
| Strontium | 86-1 | 652.71 | 668.82 | 681.37 | 667.63 | 2.15 | ppb |
| Strontium | 88-1 | 676.63 | 683.86 | 707.07 | 689.19 | 2.31 | ppb |
| Sulfur | 34-1 | 65415.72 | 65876.52 | 67162.08 | 66151.44 | 1.37 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 468.79 | 476.62 | 459.65 | 468.35 | 1.81 | ppb |
| Thallium | 205-1 | 472.98 | 475.19 | 466.27 | 471.48 | 0.99 | ppb |
| Tin | 118-1 | 566.40 | 563.97 | 562.00 | 564.12 | 0.39 | ppb |
| Titanium | 47-1 | 1339.80 | 1357.65 | 1386.06 | 1361.17 | 1.71 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:31:54 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 447.25 | 451.67 | 451.27 | 450.06 | 0.54 | ppb |
| Vanadium | 51-2 | 634.50 | 621.92 | 642.50 | 632.97 | 1.64 | ppb |
| Yttrium | 89-1 | | | | 113 | | % |
| Yttrium | 89-2 | | | | 114 | | % |
| Zinc | 66-2 | 6223.02 | 6152.65 | 6244.02 | 6206.56 | 0.77 | ppb |
| Zirconium | 90-1 | 451.96 | 446.55 | 449.78 | 449.43 | 0.61 | ppb |
| Zirconium | 91-1 | 433.21 | 441.28 | 445.64 | 440.04 | 1.43 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:40:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 52252.53 | 52300.95 | 50595.80 | 51716.43 | 1.88 | ppb |
| Antimony | 121-1 | 0.84 | 0.93 | 0.84 | 0.87 | 6.27 | ppb |
| Arsenic | 75-2 | 62.26 | 62.56 | 63.76 | 62.86 | 1.26 | ppb |
| Barium | 135-1 | 453.49 | 474.35 | 462.20 | 463.35 | 2.26 | ppb |
| Barium | 137-1 | 451.05 | 479.82 | 455.77 | 462.21 | 3.34 | ppb |
| Beryllium | 9-1 | 5.80 | 5.58 | 5.90 | 5.76 | 2.86 | ppb |
| Bismuth | 209-1 | | | | 103 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 12.69 | 12.26 | 12.48 | 12.48 | 1.70 | ppb |
| Cadmium | 106-1 | 13.73 | 13.56 | 11.66 | 12.98 | 8.85 | ppb |
| Cadmium | 111-1 | 8.57 | 8.54 | 8.48 | 8.53 | 0.55 | ppb |
| Calcium | 43-1 | 40539.61 | 40845.27 | 40637.76 | 40674.21 | 0.38 | ppb |
| Calcium | 44-1 | 39626.33 | 39080.03 | 38695.81 | 39134.06 | 1.19 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 405.68 | 405.48 | 400.75 | 403.97 | 0.69 | ppb |
| Cobalt | 59-2 | 67.64 | 66.77 | 66.00 | 66.80 | 1.22 | ppb |
| Copper | 63-2 | 849.74 | 846.70 | 812.44 | 836.29 | 2.48 | ppb |
| Dysprosium | 156-1 | | | | | | 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 | | | | 108 | | % |
| Indium | 115-1 | | | | 104 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 150162.52 | 145792.37 | 145253.63 | 147069.51 | 1.83 | ppb |
| Iron | 57-2 | 145004.97 | 143263.93 | 142530.10 | 143599.67 | 0.89 | ppb |
| Iron | 54-2 | 145646.45 | 145532.96 | 143898.38 | 145025.93 | 0.67 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:40:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1898.03 | 1874.24 | 1924.00 | 1898.76 | 1.31 | ppb |
| Lead | 207-1 | 1858.10 | 1850.56 | 1848.32 | 1852.33 | 0.28 | ppb |
| Lead | 208-1 | 1859.60 | 1860.89 | 1881.39 | 1867.30 | 0.65 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 59136.59 | 57646.66 | 58400.87 | 58394.71 | 1.28 | ppb |
| Manganese | 55-2 | 1638.17 | 1648.27 | 1599.19 | 1628.54 | 1.59 | ppb |
| Molybdenum | 94-1 | 94.14 | 94.40 | 97.73 | 95.42 | 2.09 | ppb |
| Molybdenum | 95-1 | 16.97 | 17.37 | 17.37 | 17.24 | 1.32 | ppb |
| Molybdenum | 96-1 | 26.40 | 26.19 | 26.67 | 26.42 | 0.91 | ppb |
| Molybdenum | 97-1 | 16.99 | 16.89 | 17.71 | 17.20 | 2.58 | ppb |
| Molybdenum | 98-1 | 17.08 | 17.19 | 17.86 | 17.38 | 2.43 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 461.88 | 453.71 | 454.32 | 456.64 | 1.00 | ppb |
| Phosphorus | 31-2 | 2841.74 | 2881.99 | 2783.68 | 2835.80 | 1.74 | ppb |
| Potassium | 39-2 | 12485.40 | 12054.27 | 12286.32 | 12275.33 | 1.76 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 106 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 4.10 | 3.96 | 3.76 | 3.94 | 4.32 | ppb |
| Selenium | 77-2 | 26.97 | 26.48 | 28.21 | 27.22 | 3.29 | ppb |
| Selenium | 78-2 | 4.60 | 6.29 | 7.46 | 6.12 | 23.49 | ppb |
| Silicon | 28-1 | 237.45 | 242.14 | 245.36 | 241.65 | 1.65 | ppb |
| Silver | 107-1 | 13.87 | 14.56 | 14.36 | 14.26 | 2.47 | ppb |
| Silver | 109-1 | 13.60 | 14.62 | 14.19 | 14.14 | 3.62 | ppb |
| Sodium | 23-2 | 37935.26 | 37183.70 | 37197.33 | 37438.76 | 1.15 | ppb |
| Strontium | 86-1 | 171.22 | 176.60 | 179.66 | 175.83 | 2.43 | ppb |
| Strontium | 88-1 | 177.78 | 183.24 | 184.87 | 181.97 | 2.04 | ppb |
| Sulfur | 34-1 | 59169.66 | 59343.76 | 58594.35 | 59035.93 | 0.66 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 1.50 | 1.44 | 1.45 | 1.46 | 2.09 | ppb |
| Thallium | 205-1 | 1.48 | 1.46 | 1.46 | 1.47 | 0.77 | ppb |
| Tin | 118-1 | 191.55 | 201.21 | 195.46 | 196.07 | 2.48 | ppb |
| Titanium | 47-1 | 1465.03 | 1493.89 | 1469.55 | 1476.16 | 1.05 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:40:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 5.89 | 5.91 | 6.00 | 5.93 | 1.00 | ppb |
| Vanadium | 51-2 | 169.41 | 166.64 | 164.40 | 166.82 | 1.51 | ppb |
| Yttrium | 89-1 | | | | 116 | | % |
| Yttrium | 89-2 | | | | 119 | | % |
| Zinc | 66-2 | 2138.21 | 2112.63 | 2108.09 | 2119.65 | 0.77 | ppb |
| Zirconium | 90-1 | 44.52 | 45.41 | 46.52 | 45.48 | 2.21 | ppb |
| Zirconium | 91-1 | 44.61 | 44.98 | 46.75 | 45.44 | 2.52 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:43:37 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 60211.06 | 61323.55 | 60729.90 | 60754.84 | 0.92 | ppb |
| Antimony | 121-1 | 471.12 | 484.75 | 465.58 | 473.81 | 2.08 | ppb |
| Arsenic | 75-2 | 489.10 | 489.96 | 488.35 | 489.14 | 0.17 | ppb |
| Barium | 135-1 | 2669.89 | 2694.46 | 2610.26 | 2658.20 | 1.63 | ppb |
| Barium | 137-1 | 2674.62 | 2688.47 | 2604.97 | 2656.02 | 1.68 | ppb |
| Beryllium | 9-1 | 450.98 | 450.67 | 457.38 | 453.01 | 0.84 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 469.91 | 484.79 | 468.21 | 474.30 | 1.92 | ppb |
| Cadmium | 106-1 | 492.12 | 499.60 | 484.96 | 492.23 | 1.49 | ppb |
| Cadmium | 111-1 | 481.65 | 491.25 | 479.44 | 484.11 | 1.30 | ppb |
| Calcium | 43-1 | 85792.64 | 92926.44 | 91590.43 | 90103.17 | 4.21 | ppb |
| Calcium | 44-1 | 85264.33 | 89792.97 | 88544.80 | 87867.37 | 2.66 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 915.98 | 916.60 | 920.26 | 917.61 | 0.25 | ppb |
| Cobalt | 59-2 | 514.49 | 517.27 | 518.87 | 516.88 | 0.43 | ppb |
| Copper | 63-2 | 5158.02 | 5074.51 | 5044.87 | 5092.47 | 1.15 | 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 | | | | 105 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 170115.25 | 171008.77 | 170964.00 | 170696.01 | 0.29 | ppb |
| Iron | 57-2 | 167448.88 | 169068.45 | 164266.62 | 166927.98 | 1.46 | ppb |
| Iron | 54-2 | 173296.10 | 170665.43 | 169593.29 | 171184.94 | 1.11 | ppb |
| Krypton | 83-1 | | | | | | cps |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:43:37 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3620.09 | 3751.17 | 3658.22 | 3676.49 | 1.83 | ppb |
| Lead | 207-1 | 3437.37 | 3553.87 | 3583.02 | 3524.75 | 2.19 | ppb |
| Lead | 208-1 | 3529.02 | 3659.10 | 3575.60 | 3587.91 | 1.84 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 103862.51 | 106832.60 | 106041.66 | 105578.92 | 1.46 | ppb |
| Manganese | 55-2 | 5909.35 | 5949.81 | 5945.04 | 5934.74 | 0.37 | ppb |
| Molybdenum | 94-1 | 2001.45 | 2011.69 | 2019.90 | 2011.01 | 0.46 | ppb |
| Molybdenum | 95-1 | 1500.20 | 1493.02 | 1547.33 | 1513.51 | 1.95 | ppb |
| Molybdenum | 96-1 | 1550.90 | 1584.17 | 1597.47 | 1577.51 | 1.52 | ppb |
| Molybdenum | 97-1 | 1477.35 | 1478.65 | 1508.49 | 1488.17 | 1.18 | ppb |
| Molybdenum | 98-1 | 1503.87 | 1499.31 | 1485.36 | 1496.18 | 0.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 909.66 | 912.36 | 898.45 | 906.82 | 0.81 | ppb |
| Phosphorus | 31-2 | 3143.62 | 3127.36 | 3125.84 | 3132.27 | 0.31 | ppb |
| Potassium | 39-2 | 33675.57 | 33640.10 | 34094.24 | 33803.30 | 0.75 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 108 | | % |
| Selenium | 82-1 | 401.52 | 406.52 | 408.75 | 405.60 | 0.91 | ppb |
| Selenium | 77-2 | 413.78 | 426.54 | 432.54 | 424.29 | 2.26 | ppb |
| Selenium | 78-2 | 401.12 | 418.95 | 410.01 | 410.03 | 2.17 | ppb |
| Silicon | 28-1 | 56.46 | 62.40 | 62.19 | 60.35 | 5.59 | ppb |
| Silver | 107-1 | 94.22 | 95.51 | 92.57 | 94.10 | 1.56 | ppb |
| Silver | 109-1 | 92.74 | 94.13 | 91.77 | 92.88 | 1.27 | ppb |
| Sodium | 23-2 | 85382.55 | 87596.55 | 86947.79 | 86642.30 | 1.31 | ppb |
| Strontium | 86-1 | 655.29 | 655.80 | 665.17 | 658.75 | 0.84 | ppb |
| Strontium | 88-1 | 690.69 | 693.73 | 687.35 | 690.59 | 0.46 | ppb |
| Sulfur | 34-1 | 66069.85 | 66782.92 | 64172.33 | 65675.03 | 2.05 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 453.96 | 476.15 | 461.66 | 463.93 | 2.43 | ppb |
| Thallium | 205-1 | 441.14 | 473.27 | 474.90 | 463.11 | 4.11 | ppb |
| Tin | 118-1 | 585.27 | 590.83 | 565.74 | 580.61 | 2.27 | ppb |
| Titanium | 47-1 | 1300.52 | 1389.57 | 1344.31 | 1344.80 | 3.31 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:43:37 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 445.45 | 448.87 | 440.62 | 444.98 | 0.93 | ppb |
| Vanadium | 51-2 | 637.33 | 625.32 | 631.34 | 631.33 | 0.95 | ppb |
| Yttrium | 89-1 | | | | 118 | | % |
| Yttrium | 89-2 | | | | 118 | | % |
| Zinc | 66-2 | 6288.21 | 6259.03 | 6218.39 | 6255.21 | 0.56 | ppb |
| Zirconium | 90-1 | 437.38 | 446.26 | 438.45 | 440.70 | 1.10 | ppb |
| Zirconium | 91-1 | 429.27 | 434.23 | 438.58 | 434.02 | 1.07 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:46:31 | DataFile Name : | 086CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 49468.92 | 50405.33 | 50317.82 | 50064.02 | 1.03 | ppb |
| Antimony | 121-1 | 500.07 | 517.81 | 521.97 | 513.28 | 2.27 | ppb |
| Arsenic | 75-2 | 486.82 | 495.71 | 480.09 | 487.54 | 1.61 | ppb |
| Barium | 135-1 | 2635.53 | 2630.80 | 2635.03 | 2633.79 | 0.10 | ppb |
| Barium | 137-1 | 2569.65 | 2556.09 | 2583.98 | 2569.91 | 0.54 | ppb |
| Beryllium | 9-1 | 489.08 | 488.74 | 491.35 | 489.73 | 0.29 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 488.04 | 498.48 | 499.03 | 495.18 | 1.25 | ppb |
| Cadmium | 106-1 | 498.72 | 498.19 | 497.67 | 498.19 | 0.11 | ppb |
| Cadmium | 111-1 | 491.49 | 490.89 | 498.02 | 493.47 | 0.80 | ppb |
| Calcium | 43-1 | 246615.45 | 253780.96 | 251417.42 | 250604.61 | 1.46 | ppb |
| Calcium | 44-1 | 249184.04 | 246373.19 | 249674.73 | 248410.65 | 0.72 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 495.56 | 510.64 | 482.68 | 496.29 | 2.82 | ppb |
| Cobalt | 59-2 | 496.90 | 500.12 | 497.68 | 498.23 | 0.34 | ppb |
| Copper | 63-2 | 4978.95 | 4900.96 | 4930.72 | 4936.88 | 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 | | | | 107 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 100 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 132082.03 | 131948.46 | 131356.44 | 131795.64 | 0.29 | ppb |
| Iron | 57-2 | 131453.57 | 129287.33 | 130868.65 | 130536.52 | 0.86 | ppb |
| Iron | 54-2 | 130803.29 | 131587.52 | 128647.86 | 130346.22 | 1.17 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:46:31 | DataFile Name : | 086CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2582.47 | 2550.12 | 2623.82 | 2585.47 | 1.43 | ppb |
| Lead | 207-1 | 2596.05 | 2523.61 | 2581.13 | 2566.93 | 1.49 | ppb |
| Lead | 208-1 | 2593.50 | 2565.80 | 2588.39 | 2582.56 | 0.57 | ppb |
| Lithium | 6-1 | | | | 94 | | % |
| Magnesium | 24-2 | 251354.21 | 248630.36 | 250624.08 | 250202.89 | 0.56 | ppb |
| Manganese | 55-2 | 4914.71 | 5018.80 | 5019.79 | 4984.43 | 1.21 | ppb |
| Molybdenum | 94-1 | 5075.01 | 5052.00 | 5119.67 | 5082.23 | 0.68 | ppb |
| Molybdenum | 95-1 | 4958.28 | 4980.48 | 5122.52 | 5020.43 | 1.77 | ppb |
| Molybdenum | 96-1 | 4951.89 | 5007.26 | 5119.95 | 5026.37 | 1.70 | ppb |
| Molybdenum | 97-1 | 5012.77 | 5009.09 | 5090.26 | 5037.37 | 0.91 | ppb |
| Molybdenum | 98-1 | 4952.54 | 5073.95 | 5139.92 | 5055.47 | 1.88 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 482.54 | 476.86 | 482.15 | 480.51 | 0.66 | ppb |
| Phosphorus | 31-2 | 9775.07 | 9757.77 | 9945.15 | 9826.00 | 1.05 | ppb |
| Potassium | 39-2 | 125258.64 | 126760.23 | 126017.10 | 126011.99 | 0.60 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 102 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 469.82 | 467.59 | 482.62 | 473.34 | 1.71 | ppb |
| Selenium | 77-2 | 456.29 | 464.71 | 466.72 | 462.57 | 1.20 | ppb |
| Selenium | 78-2 | 465.65 | 481.76 | 461.76 | 469.72 | 2.26 | ppb |
| Silicon | 28-1 | 525.62 | 527.73 | 513.18 | 522.17 | 1.51 | ppb |
| Silver | 107-1 | 509.87 | 504.38 | 509.75 | 508.00 | 0.62 | ppb |
| Silver | 109-1 | 513.12 | 495.66 | 510.92 | 506.57 | 1.88 | ppb |
| Sodium | 23-2 | 252721.72 | 251634.28 | 252801.70 | 252385.90 | 0.26 | ppb |
| Strontium | 86-1 | 494.84 | 494.82 | 504.68 | 498.11 | 1.14 | ppb |
| Strontium | 88-1 | 506.66 | 519.44 | 528.22 | 518.11 | 2.09 | ppb |
| Sulfur | 34-1 | 9082.27 | 9503.78 | 9237.03 | 9274.36 | 2.30 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 510.56 | 508.64 | 524.98 | 514.73 | 1.74 | ppb |
| Thallium | 205-1 | 520.16 | 515.05 | 517.68 | 517.63 | 0.49 | ppb |
| Tin | 118-1 | 519.71 | 519.38 | 532.21 | 523.77 | 1.40 | ppb |
| Titanium | 47-1 | 5050.87 | 5076.41 | 5028.35 | 5051.88 | 0.48 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:46:31 | DataFile Name : | 086CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 519.99 | 480.49 | 499.21 | 499.90 | 3.95 | ppb |
| Vanadium | 51-2 | 502.53 | 500.22 | 505.83 | 502.86 | 0.56 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 4843.92 | 4804.10 | 4795.70 | 4814.57 | 0.54 | ppb |
| Zirconium | 90-1 | 508.21 | 515.83 | 504.53 | 509.52 | 1.13 | ppb |
| Zirconium | 91-1 | 488.35 | 500.20 | 502.52 | 497.02 | 1.53 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:55:07 | DataFile Name : | 087CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.07 | -0.58 | -0.12 | -0.26 | | ppb |
| Antimony | 121-1 | 0.05 | 0.05 | 0.05 | 0.05 | 4.07 | ppb |
| Arsenic | 75-2 | -0.01 | -0.02 | -0.02 | -0.02 | | ppb |
| Barium | 135-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Barium | 137-1 | 0.01 | -0.01 | -0.01 | 0.00 | | ppb |
| Beryllium | 9-1 | -0.01 | 0.00 | 0.00 | 0.00 | | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.01 | 0.01 | 0.05 | 0.02 | 88.50 | ppb |
| Cadmium | 106-1 | -4.06 | -3.47 | -4.66 | -4.07 | | ppb |
| Cadmium | 111-1 | -0.29 | -0.24 | -0.31 | -0.28 | | ppb |
| Calcium | 43-1 | -1.45 | -4.07 | -5.23 | -3.58 | | ppb |
| Calcium | 44-1 | 11.75 | 11.71 | 10.40 | 11.29 | 6.84 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.04 | -0.06 | -0.03 | -0.04 | | ppb |
| Cobalt | 59-2 | -0.02 | -0.01 | -0.01 | -0.02 | | ppb |
| Copper | 63-2 | 0.17 | 0.16 | 0.11 | 0.15 | 18.88 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 1.93 | 1.76 | 2.14 | 1.94 | 9.96 | ppb |
| Iron | 57-2 | 2.25 | 0.72 | 0.88 | 1.29 | 65.41 | ppb |
| Iron | 54-2 | 2.81 | 0.74 | 0.77 | 1.44 | 82.42 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:55:07 | DataFile Name : | 087CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.08 | 0.06 | 0.08 | 0.07 | 19.38 | ppb |
| Lead | 207-1 | 0.07 | 0.08 | 0.07 | 0.08 | 8.21 | ppb |
| Lead | 208-1 | 0.06 | 0.06 | 0.08 | 0.07 | 11.88 | ppb |
| Lithium | 6-1 | | | | 87 | | % |
| Magnesium | 24-2 | 0.46 | 0.38 | 0.61 | 0.48 | 24.92 | ppb |
| Manganese | 55-2 | 0.02 | -0.03 | 0.00 | 0.00 | | ppb |
| Molybdenum | 94-1 | 0.03 | 0.04 | 0.05 | 0.04 | 20.79 | ppb |
| Molybdenum | 95-1 | 0.04 | 0.02 | 0.02 | 0.03 | 51.21 | ppb |
| Molybdenum | 96-1 | 0.02 | 0.00 | 0.00 | 0.01 | 168.66 | ppb |
| Molybdenum | 97-1 | 0.02 | -0.01 | 0.03 | 0.02 | 130.77 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.03 | 0.02 | 0.02 | 16.46 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.22 | -0.12 | -0.14 | -0.16 | | ppb |
| Phosphorus | 31-2 | -48.51 | -56.06 | -50.12 | -51.56 | | ppb |
| Potassium | 39-2 | 16.37 | 16.51 | 15.39 | 16.09 | 3.79 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.33 | -0.67 | -0.29 | -0.21 | | ppb |
| Selenium | 77-2 | -0.16 | 0.08 | 0.09 | 0.00 | 3164.64 | ppb |
| Selenium | 78-2 | -0.58 | 1.02 | -0.10 | 0.11 | 722.46 | ppb |
| Silicon | 28-1 | -0.29 | -0.15 | -0.30 | -0.25 | | ppb |
| Silver | 107-1 | 0.01 | 0.00 | 0.01 | 0.01 | 48.24 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 2.39 | ppb |
| Sodium | 23-2 | 181.08 | 184.53 | 180.99 | 182.20 | 1.11 | ppb |
| Strontium | 86-1 | 0.06 | -0.01 | 0.05 | 0.03 | 108.41 | ppb |
| Strontium | 88-1 | 0.00 | 0.00 | 0.00 | 0.00 | 6.25 | ppb |
| Sulfur | 34-1 | -89.59 | -14.90 | -104.97 | -69.82 | | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.06 | 0.07 | 0.05 | 0.06 | 10.29 | ppb |
| Thallium | 205-1 | 0.06 | 0.04 | 0.05 | 0.05 | 12.62 | ppb |
| Tin | 118-1 | 0.06 | 0.11 | 0.06 | 0.07 | 36.08 | ppb |
| Titanium | 47-1 | -0.03 | 0.01 | 0.02 | 0.00 | 784.82 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:55:07 | DataFile Name : | 087CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 0.36 | 0.44 | 0.06 | 0.29 | 69.03 | ppb |
| Zirconium | 90-1 | 0.01 | 0.02 | 0.02 | 0.02 | 33.58 | ppb |
| Zirconium | 91-1 | 0.00 | 0.01 | 0.00 | 0.01 | 127.09 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:00:25 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 56025.99 | 56621.78 | 55521.86 | 56056.54 | 0.98 | ppb |
| Antimony | 121-1 | 473.01 | 462.43 | 473.68 | 469.71 | 1.34 | ppb |
| Arsenic | 75-2 | 490.67 | 496.06 | 488.97 | 491.90 | 0.75 | ppb |
| Barium | 135-1 | 2680.12 | 2549.40 | 2613.29 | 2614.27 | 2.50 | ppb |
| Barium | 137-1 | 2562.28 | 2559.33 | 2531.89 | 2551.17 | 0.66 | ppb |
| Beryllium | 9-1 | 455.11 | 466.94 | 454.95 | 459.00 | 1.50 | ppb |
| Bismuth | 209-1 | | | | 102 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 458.41 | 451.74 | 455.27 | 455.14 | 0.73 | ppb |
| Cadmium | 106-1 | 467.46 | 463.75 | 467.86 | 466.35 | 0.49 | ppb |
| Cadmium | 111-1 | 462.73 | 458.06 | 465.87 | 462.22 | 0.85 | ppb |
| Calcium | 43-1 | 83388.52 | 81226.61 | 82353.22 | 82322.78 | 1.31 | ppb |
| Calcium | 44-1 | 81360.33 | 79316.12 | 82222.95 | 80966.47 | 1.84 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 821.72 | 814.56 | 801.87 | 812.72 | 1.24 | ppb |
| Cobalt | 59-2 | 516.77 | 506.01 | 505.78 | 509.52 | 1.23 | ppb |
| Copper | 63-2 | 5254.73 | 5013.38 | 4994.34 | 5087.48 | 2.85 | 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 | | | | 105 | | % |
| Holmium | 165-2 | | | | 107 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 157755.83 | 158004.18 | 158059.72 | 157939.91 | 0.10 | ppb |
| Iron | 57-2 | 157880.29 | 153338.60 | 153035.62 | 154751.51 | 1.75 | ppb |
| Iron | 54-2 | 163182.40 | 157049.92 | 155828.81 | 158687.04 | 2.48 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:00:25 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4157.60 | 4261.63 | 4223.84 | 4214.36 | 1.25 | ppb |
| Lead | 207-1 | 4089.52 | 4221.00 | 4114.87 | 4141.80 | 1.68 | ppb |
| Lead | 208-1 | 4072.72 | 4243.59 | 4187.77 | 4168.03 | 2.09 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 104226.84 | 102364.17 | 103120.17 | 103237.06 | 0.91 | ppb |
| Manganese | 55-2 | 5990.24 | 5848.71 | 5780.08 | 5873.01 | 1.82 | ppb |
| Molybdenum | 94-1 | 2065.76 | 2042.48 | 2034.19 | 2047.47 | 0.80 | ppb |
| Molybdenum | 95-1 | 1491.14 | 1554.07 | 1479.89 | 1508.37 | 2.65 | ppb |
| Molybdenum | 96-1 | 1564.90 | 1567.94 | 1568.93 | 1567.26 | 0.13 | ppb |
| Molybdenum | 97-1 | 1494.87 | 1540.64 | 1472.16 | 1502.56 | 2.32 | ppb |
| Molybdenum | 98-1 | 1502.75 | 1537.82 | 1521.20 | 1520.59 | 1.15 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 853.91 | 839.90 | 846.01 | 846.60 | 0.83 | ppb |
| Phosphorus | 31-2 | 2708.50 | 2646.86 | 2656.71 | 2670.69 | 1.24 | ppb |
| Potassium | 39-2 | 32696.53 | 31646.26 | 32215.27 | 32186.02 | 1.63 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 106 | | % |
| Scandium | 45-2 | | | | 106 | | % |
| Selenium | 82-1 | 401.86 | 409.22 | 402.67 | 404.59 | 1.00 | ppb |
| Selenium | 77-2 | 445.79 | 426.98 | 429.93 | 434.23 | 2.33 | ppb |
| Selenium | 78-2 | 414.36 | 411.02 | 407.08 | 410.82 | 0.89 | ppb |
| Silicon | 28-1 | 100.50 | 102.23 | 123.26 | 108.66 | 11.66 | ppb |
| Silver | 107-1 | 87.83 | 87.64 | 88.94 | 88.14 | 0.79 | ppb |
| Silver | 109-1 | 87.30 | 86.03 | 87.64 | 86.99 | 0.97 | ppb |
| Sodium | 23-2 | 84409.41 | 81737.86 | 82944.09 | 83030.45 | 1.61 | ppb |
| Strontium | 86-1 | 614.23 | 625.56 | 612.78 | 617.53 | 1.13 | ppb |
| Strontium | 88-1 | 638.49 | 664.89 | 633.37 | 645.58 | 2.62 | ppb |
| Sulfur | 34-1 | 55301.28 | 53785.87 | 55954.50 | 55013.89 | 2.02 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 109 | | % |
| Thallium | 203-1 | 452.29 | 463.20 | 460.64 | 458.71 | 1.24 | ppb |
| Thallium | 205-1 | 450.66 | 463.53 | 467.79 | 460.66 | 1.94 | ppb |
| Tin | 118-1 | 613.23 | 598.38 | 606.02 | 605.88 | 1.23 | ppb |
| Titanium | 47-1 | 1293.88 | 1266.93 | 1311.66 | 1290.82 | 1.74 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:00:25 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 423.80 | 446.81 | 450.82 | 440.47 | 3.31 | ppb |
| Vanadium | 51-2 | 633.02 | 607.72 | 606.45 | 615.73 | 2.43 | ppb |
| Yttrium | 89-1 | | | | 116 | | % |
| Yttrium | 89-2 | | | | 115 | | % |
| Zinc | 66-2 | 6337.75 | 6279.23 | 6353.48 | 6323.49 | 0.62 | ppb |
| Zirconium | 90-1 | 444.90 | 443.40 | 422.04 | 436.78 | 2.93 | ppb |
| Zirconium | 91-1 | 426.03 | 434.56 | 425.52 | 428.70 | 1.18 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:15:56 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 54790.56 | 55010.74 | 55437.46 | 55079.59 | 0.60 | ppb |
| Antimony | 121-1 | 2.87 | 2.83 | 2.80 | 2.83 | 1.19 | ppb |
| Arsenic | 75-2 | 139.70 | 135.57 | 140.00 | 138.42 | 1.79 | ppb |
| Barium | 135-1 | 941.64 | 943.57 | 942.24 | 942.48 | 0.10 | ppb |
| Barium | 137-1 | 1000.43 | 1007.21 | 980.86 | 996.17 | 1.37 | ppb |
| Beryllium | 9-1 | 6.47 | 7.29 | 6.92 | 6.89 | 5.93 | ppb |
| Bismuth | 209-1 | | | | 100 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 46.45 | 48.66 | 49.08 | 48.06 | 2.94 | ppb |
| Cadmium | 106-1 | 45.61 | 48.04 | 49.82 | 47.82 | 4.41 | ppb |
| Cadmium | 111-1 | 46.63 | 46.79 | 46.66 | 46.69 | 0.19 | ppb |
| Calcium | 43-1 | 101632.45 | 101094.06 | 100856.06 | 101194.19 | 0.39 | ppb |
| Calcium | 44-1 | 98920.66 | 100646.76 | 99768.08 | 99778.50 | 0.87 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1492.62 | 1478.91 | 1468.10 | 1479.88 | 0.83 | ppb |
| Cobalt | 59-2 | 84.74 | 83.45 | 82.81 | 83.67 | 1.17 | ppb |
| Copper | 63-2 | 1717.12 | 1660.21 | 1682.54 | 1686.62 | 1.70 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 104 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 211125.25 | 205546.64 | 205441.61 | 207371.16 | 1.57 | ppb |
| Iron | 57-2 | 204099.26 | 204667.23 | 203884.64 | 204217.04 | 0.20 | ppb |
| Iron | 54-2 | 206267.86 | 205613.89 | 203513.62 | 205131.79 | 0.70 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:15:56 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2506.41 | 2537.89 | 2491.00 | 2511.77 | 0.95 | ppb |
| Lead | 207-1 | 2415.31 | 2448.72 | 2334.79 | 2399.61 | 2.44 | ppb |
| Lead | 208-1 | 2462.99 | 2488.77 | 2427.34 | 2459.70 | 1.25 | ppb |
| Lithium | 6-1 | | | | 88 | | % |
| Magnesium | 24-2 | 38722.30 | 39498.97 | 39233.45 | 39151.57 | 1.01 | ppb |
| Manganese | 55-2 | 1865.83 | 1848.68 | 1840.27 | 1851.59 | 0.70 | ppb |
| Molybdenum | 94-1 | 102.30 | 102.72 | 106.07 | 103.70 | 1.99 | ppb |
| Molybdenum | 95-1 | 22.69 | 22.61 | 23.44 | 22.92 | 1.99 | ppb |
| Molybdenum | 96-1 | 31.65 | 32.57 | 33.22 | 32.48 | 2.43 | ppb |
| Molybdenum | 97-1 | 23.25 | 23.31 | 23.49 | 23.35 | 0.53 | ppb |
| Molybdenum | 98-1 | 22.86 | 22.67 | 23.20 | 22.91 | 1.18 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 448.43 | 438.96 | 445.19 | 444.20 | 1.08 | ppb |
| Phosphorus | 31-2 | 5364.88 | 5374.44 | 5344.13 | 5361.15 | 0.29 | ppb |
| Potassium | 39-2 | 13769.14 | 13897.25 | 13607.34 | 13757.91 | 1.06 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 103 | | % |
| Selenium | 82-1 | 11.61 | 11.14 | 13.27 | 12.01 | 9.29 | ppb |
| Selenium | 77-2 | 35.71 | 34.77 | 29.78 | 33.42 | 9.54 | ppb |
| Selenium | 78-2 | 14.99 | 17.60 | 15.97 | 16.19 | 8.14 | ppb |
| Silicon | 28-1 | 259.78 | 298.31 | 287.77 | 281.96 | 7.06 | ppb |
| Silver | 107-1 | 38.85 | 39.46 | 39.69 | 39.34 | 1.10 | ppb |
| Silver | 109-1 | 38.74 | 39.16 | 39.49 | 39.13 | 0.97 | ppb |
| Sodium | 23-2 | 39100.67 | 39275.49 | 39370.11 | 39248.76 | 0.35 | ppb |
| Strontium | 86-1 | 665.08 | 674.01 | 689.66 | 676.25 | 1.84 | ppb |
| Strontium | 88-1 | 688.71 | 688.32 | 713.12 | 696.72 | 2.04 | ppb |
| Sulfur | 34-1 | 132198.02 | 139900.21 | 134674.43 | 135590.89 | 2.90 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 1.68 | 1.65 | 1.62 | 1.65 | 1.88 | ppb |
| Thallium | 205-1 | 1.61 | 1.62 | 1.60 | 1.61 | 0.61 | ppb |
| Tin | 118-1 | 192.56 | 196.79 | 195.98 | 195.11 | 1.15 | ppb |
| Titanium | 47-1 | 1756.66 | 1821.24 | 1769.69 | 1782.53 | 1.92 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:15:56 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 10.26 | 10.43 | 10.12 | 10.27 | 1.51 | ppb |
| Vanadium | 51-2 | 286.28 | 282.24 | 283.13 | 283.88 | 0.75 | ppb |
| Yttrium | 89-1 | | | | 116 | | % |
| Yttrium | 89-2 | | | | 115 | | % |
| Zinc | 66-2 | 3466.97 | 3373.52 | 3419.59 | 3420.02 | 1.37 | ppb |
| Zirconium | 90-1 | 46.68 | 47.35 | 47.80 | 47.28 | 1.19 | ppb |
| Zirconium | 91-1 | 46.27 | 47.70 | 48.36 | 47.44 | 2.25 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:18:57 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 62700.54 | 69793.02 | 63419.58 | 65304.38 | 5.98 | ppb |
| Antimony | 121-1 | 1.94 | 1.94 | 2.01 | 1.97 | 2.02 | ppb |
| Arsenic | 75-2 | 220.83 | 242.54 | 220.95 | 228.10 | 5.48 | ppb |
| Barium | 135-1 | 1825.84 | 1747.61 | 1773.90 | 1782.45 | 2.23 | ppb |
| Barium | 137-1 | 1805.35 | 1779.35 | 1799.72 | 1794.81 | 0.76 | ppb |
| Beryllium | 9-1 | 4.61 | 4.71 | 4.75 | 4.69 | 1.54 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 45.55 | 47.62 | 45.63 | 46.27 | 2.53 | ppb |
| Cadmium | 106-1 | 48.09 | 49.46 | 46.60 | 48.05 | 2.98 | ppb |
| Cadmium | 111-1 | 47.39 | 46.54 | 46.63 | 46.85 | 0.99 | ppb |
| Calcium | 43-1 | 35025.53 | 35360.31 | 35151.05 | 35178.97 | 0.48 | ppb |
| Calcium | 44-1 | 33694.15 | 33963.63 | 33840.96 | 33832.91 | 0.40 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1646.29 | 1866.45 | 1637.97 | 1716.91 | 7.55 | ppb |
| Cobalt | 59-2 | 56.71 | 63.41 | 56.99 | 59.04 | 6.42 | ppb |
| Copper | 63-2 | 2139.54 | 2394.00 | 2094.86 | 2209.47 | 7.30 | 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 | | | | 103 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 175113.46 | 194838.66 | 177536.96 | 182496.36 | 5.89 | ppb |
| Iron | 57-2 | 175616.95 | 193493.69 | 175826.04 | 181645.56 | 5.65 | ppb |
| Iron | 54-2 | 178132.52 | 198990.19 | 175619.19 | 184247.30 | 6.96 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:18:57 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2680.49 | 2785.60 | 2846.07 | 2770.72 | 3.02 | ppb |
| Lead | 207-1 | 2507.39 | 2584.62 | 2660.24 | 2584.08 | 2.96 | ppb |
| Lead | 208-1 | 2612.17 | 2688.85 | 2725.30 | 2675.44 | 2.16 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 33604.30 | 37051.71 | 33187.32 | 34614.44 | 6.13 | ppb |
| Manganese | 55-2 | 1616.15 | 1824.21 | 1632.66 | 1691.01 | 6.84 | ppb |
| Molybdenum | 94-1 | 91.52 | 93.73 | 94.09 | 93.11 | 1.49 | ppb |
| Molybdenum | 95-1 | 12.49 | 13.17 | 12.68 | 12.78 | 2.74 | ppb |
| Molybdenum | 96-1 | 22.13 | 22.41 | 22.33 | 22.29 | 0.66 | ppb |
| Molybdenum | 97-1 | 12.62 | 13.08 | 12.68 | 12.79 | 1.94 | ppb |
| Molybdenum | 98-1 | 12.48 | 12.88 | 12.87 | 12.74 | 1.81 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 276.73 | 307.08 | 273.63 | 285.81 | 6.47 | ppb |
| Phosphorus | 31-2 | 5917.20 | 6568.14 | 5787.58 | 6090.97 | 6.87 | ppb |
| Potassium | 39-2 | 13987.24 | 15454.54 | 13982.87 | 14474.89 | 5.86 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 16.12 | 16.59 | 16.66 | 16.45 | 1.78 | ppb |
| Selenium | 77-2 | 38.82 | 47.05 | 44.22 | 43.36 | 9.65 | ppb |
| Selenium | 78-2 | 18.89 | 21.18 | 21.23 | 20.43 | 6.54 | ppb |
| Silicon | 28-1 | 185.52 | 190.16 | 184.52 | 186.74 | 1.61 | ppb |
| Silver | 107-1 | 41.62 | 42.15 | 42.46 | 42.08 | 1.00 | ppb |
| Silver | 109-1 | 41.37 | 41.51 | 41.57 | 41.49 | 0.24 | ppb |
| Sodium | 23-2 | 17886.99 | 19971.05 | 18197.18 | 18685.07 | 6.02 | ppb |
| Strontium | 86-1 | 317.41 | 325.86 | 320.39 | 321.22 | 1.33 | ppb |
| Strontium | 88-1 | 329.44 | 332.92 | 326.97 | 329.77 | 0.91 | ppb |
| Sulfur | 34-1 | 86662.48 | 87622.30 | 88491.32 | 87592.04 | 1.04 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 2.30 | 2.40 | 2.37 | 2.35 | 2.04 | ppb |
| Thallium | 205-1 | 2.31 | 2.31 | 2.35 | 2.33 | 1.05 | ppb |
| Tin | 118-1 | 169.48 | 169.56 | 169.53 | 169.52 | 0.02 | ppb |
| Titanium | 47-1 | 1518.19 | 1533.49 | 1540.75 | 1530.81 | 0.75 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:18:57 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8.91 | 9.00 | 9.28 | 9.06 | 2.11 | ppb |
| Vanadium | 51-2 | 233.37 | 260.23 | 232.97 | 242.19 | 6.45 | ppb |
| Yttrium | 89-1 | | | | 119 | | % |
| Yttrium | 89-2 | | | | 116 | | % |
| Zinc | 66-2 | 3053.30 | 3300.36 | 3053.13 | 3135.60 | 4.55 | ppb |
| Zirconium | 90-1 | 45.51 | 46.34 | 45.64 | 45.83 | 0.98 | ppb |
| Zirconium | 91-1 | 45.34 | 46.64 | 45.87 | 45.95 | 1.42 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:22:05 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 103557.29 | 106335.08 | 104899.81 | 104930.73 | 1.32 | ppb |
| Antimony | 121-1 | 1.37 | 1.28 | 1.31 | 1.32 | 3.76 | ppb |
| Arsenic | 75-2 | 218.95 | 218.66 | 221.62 | 219.74 | 0.74 | ppb |
| Barium | 135-1 | 1674.66 | 1605.19 | 1673.63 | 1651.16 | 2.41 | ppb |
| Barium | 137-1 | 1640.65 | 1605.29 | 1673.15 | 1639.69 | 2.07 | ppb |
| Beryllium | 9-1 | 7.74 | 7.61 | 7.72 | 7.69 | 0.95 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 104 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 17.61 | 16.69 | 16.98 | 17.10 | 2.75 | ppb |
| Cadmium | 106-1 | 23.12 | 21.44 | 23.75 | 22.77 | 5.25 | ppb |
| Cadmium | 111-1 | 13.15 | 12.95 | 13.44 | 13.18 | 1.88 | ppb |
| Calcium | 43-1 | 34824.75 | 34778.40 | 34696.89 | 34766.68 | 0.19 | ppb |
| Calcium | 44-1 | 33051.23 | 32603.82 | 33153.10 | 32936.05 | 0.89 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 668.88 | 677.61 | 665.75 | 670.75 | 0.92 | ppb |
| Cobalt | 59-2 | 91.16 | 89.33 | 88.42 | 89.64 | 1.56 | ppb |
| Copper | 63-2 | 1207.25 | 1248.61 | 1199.75 | 1218.54 | 2.16 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 110 | | % |
| Indium | 115-1 | | | | 102 | | % |
| Indium | 115-2 | | | | 101 | | % |
| Iron | 56-2 | 268700.42 | 275928.75 | 266245.19 | 270291.45 | 1.86 | ppb |
| Iron | 57-2 | 268636.77 | 262632.11 | 259863.29 | 263710.72 | 1.70 | ppb |
| Iron | 54-2 | 268104.69 | 267395.04 | 262544.36 | 266014.70 | 1.14 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:22:05 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1919.26 | 1940.43 | 1921.01 | 1926.90 | 0.61 | ppb |
| Lead | 207-1 | 1852.03 | 1891.91 | 1816.10 | 1853.35 | 2.05 | ppb |
| Lead | 208-1 | 1896.04 | 1884.55 | 1873.69 | 1884.76 | 0.59 | ppb |
| Lithium | 6-1 | | | | 95 | | % |
| Magnesium | 24-2 | 46975.15 | 47697.69 | 46876.76 | 47183.20 | 0.95 | ppb |
| Manganese | 55-2 | 7562.38 | 7589.67 | 7516.05 | 7556.03 | 0.49 | ppb |
| Molybdenum | 94-1 | 134.43 | 134.08 | 134.78 | 134.43 | 0.26 | ppb |
| Molybdenum | 95-1 | 7.23 | 7.38 | 7.47 | 7.36 | 1.66 | ppb |
| Molybdenum | 96-1 | 21.50 | 22.25 | 22.10 | 21.95 | 1.80 | ppb |
| Molybdenum | 97-1 | 7.35 | 7.52 | 7.33 | 7.40 | 1.40 | ppb |
| Molybdenum | 98-1 | 7.25 | 7.37 | 7.37 | 7.33 | 0.98 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 270.02 | 271.33 | 268.36 | 269.91 | 0.55 | ppb |
| Phosphorus | 31-2 | 7652.73 | 7827.04 | 7798.15 | 7759.31 | 1.20 | ppb |
| Potassium | 39-2 | 19115.40 | 19507.10 | 19410.95 | 19344.48 | 1.06 | ppb |
| Rhodium | 103-1 | | | | 101 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 117 | | % |
| Scandium | 45-2 | | | | 117 | | % |
| Selenium | 82-1 | 17.54 | 17.10 | 16.46 | 17.03 | 3.18 | ppb |
| Selenium | 77-2 | 56.12 | 59.07 | 59.73 | 58.31 | 3.29 | ppb |
| Selenium | 78-2 | 22.77 | 22.77 | 20.89 | 22.14 | 4.90 | ppb |
| Silicon | 28-1 | 278.15 | 284.70 | 335.95 | 299.60 | 10.56 | ppb |
| Silver | 107-1 | 19.16 | 18.57 | 19.33 | 19.02 | 2.09 | ppb |
| Silver | 109-1 | 18.71 | 18.49 | 19.17 | 18.79 | 1.86 | ppb |
| Sodium | 23-2 | 16585.38 | 16691.68 | 16566.10 | 16614.39 | 0.41 | ppb |
| Strontium | 86-1 | 293.31 | 298.53 | 302.79 | 298.21 | 1.59 | ppb |
| Strontium | 88-1 | 300.78 | 303.95 | 314.99 | 306.57 | 2.43 | ppb |
| Sulfur | 34-1 | 66476.61 | 66860.50 | 67861.08 | 67066.06 | 1.07 | ppb |
| Terbium | 159-1 | | | | 108 | | % |
| Terbium | 159-2 | | | | 109 | | % |
| Thallium | 203-1 | 2.46 | 2.41 | 2.50 | 2.46 | 1.76 | ppb |
| Thallium | 205-1 | 2.46 | 2.45 | 2.42 | 2.44 | 0.68 | ppb |
| Tin | 118-1 | 268.61 | 258.75 | 269.06 | 265.47 | 2.19 | ppb |
| Titanium | 47-1 | 1965.24 | 1877.53 | 1940.58 | 1927.78 | 2.35 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:22:05 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 12.12 | 11.95 | 12.00 | 12.02 | 0.74 | ppb |
| Vanadium | 51-2 | 306.99 | 306.84 | 303.94 | 305.92 | 0.56 | ppb |
| Yttrium | 89-1 | | | | 135 | | % |
| Yttrium | 89-2 | | | | 137 | | % |
| Zinc | 66-2 | 2307.75 | 2261.30 | 2228.17 | 2265.74 | 1.76 | ppb |
| Zirconium | 90-1 | 70.29 | 70.10 | 72.80 | 71.06 | 2.12 | ppb |
| Zirconium | 91-1 | 70.78 | 71.66 | 72.68 | 71.71 | 1.32 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:25:05 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 63947.58 | 66976.42 | 64228.53 | 65050.84 | 2.57 | ppb |
| Antimony | 121-1 | 2.59 | 2.57 | 2.49 | 2.55 | 2.09 | ppb |
| Arsenic | 75-2 | 193.87 | 192.67 | 196.12 | 194.22 | 0.90 | ppb |
| Barium | 135-1 | 1464.63 | 1464.80 | 1429.38 | 1452.94 | 1.40 | ppb |
| Barium | 137-1 | 1478.66 | 1481.76 | 1405.99 | 1455.47 | 2.95 | ppb |
| Beryllium | 9-1 | 5.45 | 5.28 | 5.17 | 5.30 | 2.67 | ppb |
| Bismuth | 209-1 | | | | 107 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 48.25 | 48.38 | 48.38 | 48.34 | 0.15 | ppb |
| Cadmium | 106-1 | 53.61 | 52.70 | 50.34 | 52.21 | 3.23 | ppb |
| Cadmium | 111-1 | 50.68 | 50.04 | 48.71 | 49.81 | 2.02 | ppb |
| Calcium | 43-1 | 33439.22 | 33341.37 | 33928.60 | 33569.73 | 0.94 | ppb |
| Calcium | 44-1 | 31464.19 | 32245.83 | 32120.16 | 31943.40 | 1.31 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1813.02 | 1797.91 | 1782.58 | 1797.84 | 0.85 | ppb |
| Cobalt | 59-2 | 61.51 | 63.13 | 62.50 | 62.38 | 1.31 | ppb |
| Copper | 63-2 | 1956.43 | 1968.99 | 1943.94 | 1956.45 | 0.64 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 106 | | % |
| Holmium | 165-2 | | | | 109 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 100 | | % |
| Iron | 56-2 | 188946.56 | 190310.92 | 187133.91 | 188797.13 | 0.84 | ppb |
| Iron | 57-2 | 184683.33 | 185802.23 | 181855.39 | 184113.65 | 1.10 | ppb |
| Iron | 54-2 | 188735.32 | 194246.34 | 185303.43 | 189428.37 | 2.38 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:25:05 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2653.71 | 2717.62 | 2759.52 | 2710.28 | 1.97 | ppb |
| Lead | 207-1 | 2486.67 | 2594.66 | 2622.77 | 2568.03 | 2.80 | ppb |
| Lead | 208-1 | 2597.00 | 2651.57 | 2694.09 | 2647.55 | 1.84 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 36334.15 | 37108.06 | 37232.77 | 36891.66 | 1.32 | ppb |
| Manganese | 55-2 | 1842.36 | 1859.24 | 1812.61 | 1838.07 | 1.28 | ppb |
| Molybdenum | 94-1 | 95.99 | 97.66 | 100.85 | 98.16 | 2.52 | ppb |
| Molybdenum | 95-1 | 13.95 | 14.13 | 14.43 | 14.17 | 1.71 | ppb |
| Molybdenum | 96-1 | 23.50 | 24.11 | 24.26 | 23.95 | 1.68 | ppb |
| Molybdenum | 97-1 | 14.25 | 14.38 | 14.48 | 14.37 | 0.79 | ppb |
| Molybdenum | 98-1 | 14.03 | 14.00 | 14.42 | 14.15 | 1.67 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 308.00 | 317.82 | 312.72 | 312.85 | 1.57 | ppb |
| Phosphorus | 31-2 | 6284.71 | 6305.81 | 6316.04 | 6302.19 | 0.25 | ppb |
| Potassium | 39-2 | 13593.79 | 13858.64 | 13493.17 | 13648.53 | 1.38 | ppb |
| Rhodium | 103-1 | | | | 100 | | % |
| Rhodium | 103-2 | | | | 101 | | % |
| Scandium | 45-1 | | | | 108 | | % |
| Scandium | 45-2 | | | | 110 | | % |
| Selenium | 82-1 | 11.44 | 12.63 | 12.61 | 12.22 | 5.56 | ppb |
| Selenium | 77-2 | 36.90 | 38.12 | 35.28 | 36.76 | 3.88 | ppb |
| Selenium | 78-2 | 17.38 | 16.91 | 16.23 | 16.84 | 3.45 | ppb |
| Silicon | 28-1 | 265.58 | 274.93 | 268.74 | 269.75 | 1.76 | ppb |
| Silver | 107-1 | 47.49 | 47.83 | 46.86 | 47.39 | 1.05 | ppb |
| Silver | 109-1 | 47.32 | 47.36 | 45.93 | 46.87 | 1.74 | ppb |
| Sodium | 23-2 | 13027.77 | 12978.46 | 12708.86 | 12905.03 | 1.33 | ppb |
| Strontium | 86-1 | 283.41 | 287.36 | 294.28 | 288.35 | 1.91 | ppb |
| Strontium | 88-1 | 295.20 | 300.30 | 304.53 | 300.01 | 1.56 | ppb |
| Sulfur | 34-1 | 95719.53 | 99546.98 | 97263.42 | 97509.98 | 1.97 | ppb |
| Terbium | 159-1 | | | | 105 | | % |
| Terbium | 159-2 | | | | 108 | | % |
| Thallium | 203-1 | 1.95 | 1.99 | 1.98 | 1.97 | 0.94 | ppb |
| Thallium | 205-1 | 1.89 | 1.99 | 1.95 | 1.95 | 2.71 | ppb |
| Tin | 118-1 | 130.57 | 128.30 | 125.59 | 128.16 | 1.95 | ppb |
| Titanium | 47-1 | 1712.56 | 1766.89 | 1710.75 | 1730.07 | 1.84 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:25:05 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 9.59 | 9.87 | 9.93 | 9.79 | 1.85 | ppb |
| Vanadium | 51-2 | 288.87 | 292.53 | 287.69 | 289.70 | 0.87 | ppb |
| Yttrium | 89-1 | | | | 122 | | % |
| Yttrium | 89-2 | | | | 122 | | % |
| Zinc | 66-2 | 3080.00 | 3098.71 | 2982.47 | 3053.73 | 2.04 | ppb |
| Zirconium | 90-1 | 47.04 | 48.19 | 48.38 | 47.87 | 1.52 | ppb |
| Zirconium | 91-1 | 46.29 | 47.39 | 49.37 | 47.69 | 3.27 | ppb |

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Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:28:08 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 99728.78 | 97293.33 | 96840.99 | 97954.37 | 1.59 | ppb |
| Antimony | 121-1 | 3.22 | 3.44 | 3.24 | 3.30 | 3.70 | ppb |
| Arsenic | 75-2 | 240.43 | 236.57 | 239.32 | 238.77 | 0.83 | ppb |
| Barium | 135-1 | 2050.79 | 2147.27 | 2028.71 | 2075.59 | 3.04 | ppb |
| Barium | 137-1 | 2009.29 | 2128.38 | 2051.94 | 2063.20 | 2.92 | ppb |
| Beryllium | 9-1 | 9.21 | 9.25 | 9.37 | 9.28 | 0.91 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 105 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 108.65 | 116.66 | 115.15 | 113.49 | 3.75 | ppb |
| Cadmium | 106-1 | 113.64 | 117.27 | 114.32 | 115.08 | 1.68 | ppb |
| Cadmium | 111-1 | 105.23 | 110.72 | 107.22 | 107.72 | 2.58 | ppb |
| Calcium | 43-1 | 69465.53 | 69551.76 | 71928.29 | 70315.19 | 1.99 | ppb |
| Calcium | 44-1 | 67616.84 | 67452.09 | 69488.86 | 68185.93 | 1.66 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3340.78 | 3328.76 | 3389.79 | 3353.11 | 0.96 | ppb |
| Cobalt | 59-2 | 110.79 | 109.21 | 110.23 | 110.07 | 0.72 | ppb |
| Copper | 63-2 | 3469.79 | 3537.79 | 3464.34 | 3490.64 | 1.17 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 105 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 279285.86 | 284537.69 | 284686.56 | 282836.70 | 1.09 | ppb |
| Iron | 57-2 | 282018.40 | 274730.43 | 280397.45 | 279048.76 | 1.37 | ppb |
| Iron | 54-2 | 287026.38 | 286020.11 | 287931.63 | 286992.71 | 0.33 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:28:08 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3561.33 | 3789.91 | 3599.45 | 3650.23 | 3.35 | ppb |
| Lead | 207-1 | 3457.89 | 3515.13 | 3471.16 | 3481.39 | 0.86 | ppb |
| Lead | 208-1 | 3524.41 | 3588.90 | 3588.41 | 3567.24 | 1.04 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 67030.91 | 66015.10 | 66383.56 | 66476.52 | 0.77 | ppb |
| Manganese | 55-2 | 2601.10 | 2571.86 | 2543.30 | 2572.08 | 1.12 | ppb |
| Molybdenum | 94-1 | 160.15 | 167.49 | 163.43 | 163.69 | 2.25 | ppb |
| Molybdenum | 95-1 | 32.19 | 33.93 | 33.15 | 33.09 | 2.62 | ppb |
| Molybdenum | 96-1 | 46.70 | 49.77 | 47.89 | 48.12 | 3.21 | ppb |
| Molybdenum | 97-1 | 32.36 | 34.10 | 33.72 | 33.39 | 2.75 | ppb |
| Molybdenum | 98-1 | 32.17 | 33.47 | 32.82 | 32.82 | 1.98 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 758.21 | 745.09 | 748.75 | 750.68 | 0.90 | ppb |
| Phosphorus | 31-2 | 9986.49 | 10072.29 | 9977.00 | 10011.93 | 0.52 | ppb |
| Potassium | 39-2 | 23718.47 | 23451.65 | 23521.91 | 23564.01 | 0.59 | ppb |
| Rhodium | 103-1 | | | | 98 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 113 | | % |
| Scandium | 45-2 | | | | 113 | | % |
| Selenium | 82-1 | 16.79 | 18.31 | 18.31 | 17.80 | 4.93 | ppb |
| Selenium | 77-2 | 59.72 | 51.20 | 54.77 | 55.23 | 7.75 | ppb |
| Selenium | 78-2 | 21.29 | 20.39 | 21.60 | 21.09 | 2.99 | ppb |
| Silicon | 28-1 | 263.14 | 269.65 | 285.62 | 272.80 | 4.24 | ppb |
| Silver | 107-1 | 45.97 | 47.54 | 46.23 | 46.58 | 1.81 | ppb |
| Silver | 109-1 | 45.10 | 47.07 | 45.41 | 45.86 | 2.31 | ppb |
| Sodium | 23-2 | 67592.94 | 67083.93 | 68261.40 | 67646.09 | 0.87 | ppb |
| Strontium | 86-1 | 565.63 | 592.90 | 585.69 | 581.41 | 2.43 | ppb |
| Strontium | 88-1 | 588.47 | 618.32 | 610.19 | 605.66 | 2.55 | ppb |
| Sulfur | 34-1 | 144962.31 | 141834.51 | 143164.83 | 143320.55 | 1.10 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 107 | | % |
| Thallium | 203-1 | 2.89 | 2.87 | 2.82 | 2.86 | 1.20 | ppb |
| Thallium | 205-1 | 2.86 | 2.96 | 2.92 | 2.91 | 1.71 | ppb |
| Tin | 118-1 | 310.22 | 321.27 | 307.57 | 313.02 | 2.32 | ppb |
| Titanium | 47-1 | 2577.73 | 2711.72 | 2693.57 | 2661.00 | 2.73 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:28:08 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20.39 | 21.09 | 20.20 | 20.56 | 2.27 | ppb |
| Vanadium | 51-2 | 571.25 | 568.11 | 581.81 | 573.72 | 1.25 | ppb |
| Yttrium | 89-1 | | | | 130 | | % |
| Yttrium | 89-2 | | | | 131 | | % |
| Zinc | 66-2 | 5684.95 | 5602.84 | 5661.10 | 5649.63 | 0.75 | ppb |
| Zirconium | 90-1 | 74.17 | 77.08 | 76.34 | 75.86 | 2.00 | ppb |
| Zirconium | 91-1 | 74.87 | 78.36 | 75.87 | 76.37 | 2.35 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:31:10 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 71618.25 | 71100.00 | 73783.56 | 72167.27 | 1.97 | ppb |
| Antimony | 121-1 | 0.95 | 0.97 | 0.99 | 0.97 | 2.50 | ppb |
| Arsenic | 75-2 | 106.98 | 108.46 | 105.99 | 107.14 | 1.16 | ppb |
| Barium | 135-1 | 944.57 | 984.22 | 998.09 | 975.63 | 2.85 | ppb |
| Barium | 137-1 | 1002.41 | 1031.90 | 1033.83 | 1022.71 | 1.72 | ppb |
| Beryllium | 9-1 | 6.55 | 6.92 | 6.86 | 6.77 | 2.97 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 51.50 | 56.38 | 55.41 | 54.43 | 4.75 | ppb |
| Cadmium | 106-1 | 57.38 | 55.46 | 57.86 | 56.90 | 2.23 | ppb |
| Cadmium | 111-1 | 46.26 | 47.49 | 47.77 | 47.17 | 1.70 | ppb |
| Calcium | 43-1 | 39775.70 | 39649.01 | 40233.34 | 39886.02 | 0.77 | ppb |
| Calcium | 44-1 | 38990.43 | 38592.95 | 38859.22 | 38814.20 | 0.52 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1407.57 | 1425.75 | 1433.77 | 1422.36 | 0.94 | ppb |
| Cobalt | 59-2 | 78.87 | 77.96 | 79.09 | 78.64 | 0.77 | ppb |
| Copper | 63-2 | 1826.47 | 1846.93 | 1826.32 | 1833.24 | 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 | | | | 102 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 97 | | % |
| Iron | 56-2 | 211571.54 | 212703.77 | 210656.09 | 211643.80 | 0.48 | ppb |
| Iron | 57-2 | 208718.99 | 208088.97 | 208028.02 | 208278.66 | 0.18 | ppb |
| Iron | 54-2 | 212154.61 | 214436.49 | 211761.50 | 212784.20 | 0.68 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:31:10 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4259.89 | 4408.93 | 4184.48 | 4284.43 | 2.67 | ppb |
| Lead | 207-1 | 4082.36 | 4074.46 | 4168.64 | 4108.48 | 1.27 | ppb |
| Lead | 208-1 | 4097.14 | 4191.53 | 4202.71 | 4163.80 | 1.39 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 52668.95 | 51986.28 | 52717.66 | 52457.63 | 0.78 | ppb |
| Manganese | 55-2 | 1959.04 | 1960.37 | 1995.06 | 1971.49 | 1.04 | ppb |
| Molybdenum | 94-1 | 128.31 | 126.37 | 126.18 | 126.95 | 0.93 | ppb |
| Molybdenum | 95-1 | 23.23 | 23.39 | 23.19 | 23.27 | 0.44 | ppb |
| Molybdenum | 96-1 | 35.01 | 34.96 | 35.53 | 35.17 | 0.89 | ppb |
| Molybdenum | 97-1 | 24.06 | 23.75 | 24.18 | 23.99 | 0.93 | ppb |
| Molybdenum | 98-1 | 23.52 | 23.25 | 23.36 | 23.38 | 0.57 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 436.07 | 431.51 | 432.20 | 433.26 | 0.57 | ppb |
| Phosphorus | 31-2 | 5451.40 | 5514.56 | 5502.29 | 5489.42 | 0.61 | ppb |
| Potassium | 39-2 | 18332.28 | 18361.92 | 18078.22 | 18257.47 | 0.85 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 109 | | % |
| Selenium | 82-1 | 10.58 | 10.22 | 10.87 | 10.56 | 3.05 | ppb |
| Selenium | 77-2 | 36.14 | 38.35 | 30.68 | 35.05 | 11.26 | ppb |
| Selenium | 78-2 | 14.91 | 11.71 | 14.56 | 13.73 | 12.79 | ppb |
| Silicon | 28-1 | 78.91 | 69.50 | 99.71 | 82.70 | 18.69 | ppb |
| Silver | 107-1 | 41.68 | 43.50 | 43.40 | 42.86 | 2.39 | ppb |
| Silver | 109-1 | 41.17 | 42.90 | 43.06 | 42.38 | 2.47 | ppb |
| Sodium | 23-2 | 66618.41 | 65639.57 | 64607.96 | 65621.98 | 1.53 | ppb |
| Strontium | 86-1 | 290.22 | 286.43 | 285.42 | 287.36 | 0.88 | ppb |
| Strontium | 88-1 | 299.41 | 293.27 | 300.06 | 297.58 | 1.26 | ppb |
| Sulfur | 34-1 | 114135.69 | 114310.40 | 114623.97 | 114356.69 | 0.22 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 1.82 | 1.87 | 1.82 | 1.84 | 1.42 | ppb |
| Thallium | 205-1 | 1.83 | 1.87 | 1.87 | 1.85 | 1.37 | ppb |
| Tin | 118-1 | 241.77 | 247.80 | 252.81 | 247.46 | 2.23 | ppb |
| Titanium | 47-1 | 1972.78 | 1947.69 | 1907.27 | 1942.58 | 1.70 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:31:10 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 10.62 | 11.02 | 10.88 | 10.84 | 1.89 | ppb |
| Vanadium | 51-2 | 284.09 | 283.79 | 287.17 | 285.02 | 0.66 | ppb |
| Yttrium | 89-1 | | | | 121 | | % |
| Yttrium | 89-2 | | | | 122 | | % |
| Zinc | 66-2 | 3470.86 | 3378.93 | 3429.78 | 3426.52 | 1.34 | ppb |
| Zirconium | 90-1 | 61.15 | 60.55 | 60.22 | 60.64 | 0.77 | ppb |
| Zirconium | 91-1 | 61.10 | 61.42 | 60.43 | 60.98 | 0.83 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:34:18 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 85977.16 | 85202.79 | 84965.53 | 85381.83 | 0.62 | ppb |
| Antimony | 121-1 | 1.24 | 1.29 | 1.28 | 1.27 | 2.30 | ppb |
| Arsenic | 75-2 | 221.09 | 225.72 | 223.54 | 223.45 | 1.04 | ppb |
| Barium | 135-1 | 1627.75 | 1692.21 | 1637.17 | 1652.38 | 2.11 | ppb |
| Barium | 137-1 | 1631.53 | 1644.71 | 1631.22 | 1635.82 | 0.47 | ppb |
| Beryllium | 9-1 | 6.21 | 6.55 | 6.47 | 6.41 | 2.79 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 101 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 58.74 | 60.47 | 61.43 | 60.21 | 2.27 | ppb |
| Cadmium | 106-1 | 63.39 | 60.68 | 59.95 | 61.34 | 2.95 | ppb |
| Cadmium | 111-1 | 57.92 | 58.32 | 57.48 | 57.91 | 0.73 | ppb |
| Calcium | 43-1 | 34144.51 | 34454.25 | 35382.87 | 34660.54 | 1.86 | ppb |
| Calcium | 44-1 | 33033.06 | 33698.23 | 34422.80 | 33718.03 | 2.06 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2104.99 | 2098.58 | 2174.57 | 2126.04 | 1.98 | ppb |
| Cobalt | 59-2 | 73.11 | 72.14 | 72.40 | 72.55 | 0.70 | ppb |
| Copper | 63-2 | 2312.15 | 2278.09 | 2354.64 | 2314.96 | 1.66 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 98 | | % |
| Indium | 115-2 | | | | 96 | | % |
| Iron | 56-2 | 240464.59 | 234968.87 | 242096.10 | 239176.52 | 1.56 | ppb |
| Iron | 57-2 | 235945.64 | 227048.98 | 229188.13 | 230727.58 | 2.01 | ppb |
| Iron | 54-2 | 241447.68 | 238912.40 | 236620.20 | 238993.43 | 1.01 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:34:18 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2791.78 | 2783.16 | 2834.41 | 2803.12 | 0.98 | ppb |
| Lead | 207-1 | 2674.49 | 2748.26 | 2726.52 | 2716.42 | 1.40 | ppb |
| Lead | 208-1 | 2756.40 | 2779.45 | 2837.57 | 2791.14 | 1.50 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 48205.04 | 47352.31 | 48092.18 | 47883.18 | 0.97 | ppb |
| Manganese | 55-2 | 2237.79 | 2189.86 | 2233.08 | 2220.24 | 1.19 | ppb |
| Molybdenum | 94-1 | 113.36 | 115.11 | 114.75 | 114.41 | 0.81 | ppb |
| Molybdenum | 95-1 | 13.68 | 13.91 | 14.04 | 13.88 | 1.31 | ppb |
| Molybdenum | 96-1 | 25.59 | 25.67 | 25.50 | 25.59 | 0.32 | ppb |
| Molybdenum | 97-1 | 14.01 | 14.26 | 13.94 | 14.07 | 1.20 | ppb |
| Molybdenum | 98-1 | 13.66 | 13.75 | 13.78 | 13.73 | 0.48 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 341.34 | 336.06 | 342.46 | 339.95 | 1.01 | ppb |
| Phosphorus | 31-2 | 11946.54 | 11908.55 | 11808.41 | 11887.83 | 0.60 | ppb |
| Potassium | 39-2 | 18463.25 | 18751.79 | 18545.99 | 18587.01 | 0.80 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 108 | | % |
| Scandium | 45-2 | | | | 109 | | % |
| Selenium | 82-1 | 13.57 | 13.97 | 13.55 | 13.70 | 1.73 | ppb |
| Selenium | 77-2 | 46.77 | 45.64 | 42.03 | 44.81 | 5.52 | ppb |
| Selenium | 78-2 | 17.19 | 18.07 | 16.92 | 17.40 | 3.45 | ppb |
| Silicon | 28-1 | 72.42 | 67.21 | 76.21 | 71.95 | 6.28 | ppb |
| Silver | 107-1 | 44.42 | 45.26 | 45.14 | 44.94 | 1.01 | ppb |
| Silver | 109-1 | 44.09 | 44.49 | 44.78 | 44.45 | 0.78 | ppb |
| Sodium | 23-2 | 54832.69 | 54550.18 | 54829.67 | 54737.51 | 0.30 | ppb |
| Strontium | 86-1 | 387.82 | 395.62 | 389.21 | 390.88 | 1.06 | ppb |
| Strontium | 88-1 | 403.30 | 418.93 | 406.22 | 409.48 | 2.03 | ppb |
| Sulfur | 34-1 | 101976.24 | 107686.22 | 106943.56 | 105535.34 | 2.94 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 105 | | % |
| Thallium | 203-1 | 2.30 | 2.50 | 2.34 | 2.38 | 4.45 | ppb |
| Thallium | 205-1 | 2.32 | 2.43 | 2.34 | 2.36 | 2.37 | ppb |
| Tin | 118-1 | 233.71 | 232.81 | 231.16 | 232.56 | 0.56 | ppb |
| Titanium | 47-1 | 1827.14 | 1876.71 | 1937.51 | 1880.45 | 2.94 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:34:18 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 9.89 | 9.97 | 10.16 | 10.01 | 1.40 | ppb |
| Vanadium | 51-2 | 367.44 | 367.83 | 371.52 | 368.93 | 0.61 | ppb |
| Yttrium | 89-1 | | | | 123 | | % |
| Yttrium | 89-2 | | | | 123 | | % |
| Zinc | 66-2 | 3173.04 | 3149.13 | 3238.65 | 3186.94 | 1.45 | ppb |
| Zirconium | 90-1 | 57.38 | 58.13 | 57.30 | 57.61 | 0.80 | ppb |
| Zirconium | 91-1 | 57.82 | 58.44 | 57.47 | 57.91 | 0.84 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:41:36 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 87281.69 | 87564.16 | 87068.77 | 87304.87 | 0.28 | ppb |
| Antimony | 121-1 | 1.67 | 1.74 | 1.65 | 1.69 | 2.63 | ppb |
| Arsenic | 75-2 | 218.28 | 224.62 | 223.74 | 222.22 | 1.54 | ppb |
| Barium | 135-1 | 1650.18 | 1731.96 | 1665.35 | 1682.50 | 2.59 | ppb |
| Barium | 137-1 | 1652.87 | 1710.39 | 1633.76 | 1665.67 | 2.39 | ppb |
| Beryllium | 9-1 | 6.59 | 6.57 | 6.28 | 6.48 | 2.68 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 103 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 57.53 | 60.20 | 58.77 | 58.84 | 2.27 | ppb |
| Cadmium | 106-1 | 61.29 | 61.45 | 58.17 | 60.30 | 3.07 | ppb |
| Cadmium | 111-1 | 57.62 | 60.41 | 56.63 | 58.22 | 3.37 | ppb |
| Calcium | 43-1 | 35239.28 | 35844.64 | 35477.79 | 35520.57 | 0.86 | ppb |
| Calcium | 44-1 | 34420.86 | 34353.69 | 34169.61 | 34314.72 | 0.38 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2156.17 | 2154.20 | 2156.52 | 2155.63 | 0.06 | ppb |
| Cobalt | 59-2 | 73.27 | 73.79 | 73.71 | 73.59 | 0.38 | ppb |
| Copper | 63-2 | 2305.78 | 2335.18 | 2337.94 | 2326.30 | 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 | | | | 106 | | % |
| Holmium | 165-2 | | | | 108 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 98 | | % |
| Iron | 56-2 | 239761.24 | 240732.35 | 242082.17 | 240858.59 | 0.48 | ppb |
| Iron | 57-2 | 241887.45 | 238646.01 | 236565.22 | 239032.89 | 1.12 | ppb |
| Iron | 54-2 | 237036.57 | 239586.63 | 243096.08 | 239906.43 | 1.27 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:41:36 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2927.96 | 2950.90 | 2907.78 | 2928.88 | 0.74 | ppb |
| Lead | 207-1 | 2905.57 | 2823.07 | 2877.35 | 2868.66 | 1.46 | ppb |
| Lead | 208-1 | 2892.08 | 2864.17 | 2880.46 | 2878.90 | 0.49 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 49249.97 | 47783.74 | 49454.78 | 48829.49 | 1.87 | ppb |
| Manganese | 55-2 | 2264.83 | 2266.40 | 2240.66 | 2257.30 | 0.64 | ppb |
| Molybdenum | 94-1 | 117.73 | 118.77 | 118.10 | 118.20 | 0.45 | ppb |
| Molybdenum | 95-1 | 14.08 | 14.13 | 14.27 | 14.16 | 0.71 | ppb |
| Molybdenum | 96-1 | 26.18 | 26.40 | 26.46 | 26.35 | 0.56 | ppb |
| Molybdenum | 97-1 | 14.29 | 14.67 | 14.45 | 14.47 | 1.34 | ppb |
| Molybdenum | 98-1 | 14.24 | 14.37 | 14.20 | 14.27 | 0.59 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 347.73 | 350.04 | 350.24 | 349.34 | 0.40 | ppb |
| Phosphorus | 31-2 | 12085.61 | 11794.24 | 11932.44 | 11937.43 | 1.22 | ppb |
| Potassium | 39-2 | 19096.51 | 18546.28 | 19301.55 | 18981.45 | 2.06 | ppb |
| Rhodium | 103-1 | | | | 99 | | % |
| Rhodium | 103-2 | | | | 99 | | % |
| Scandium | 45-1 | | | | 110 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 13.40 | 13.71 | 13.81 | 13.64 | 1.57 | ppb |
| Selenium | 77-2 | 38.33 | 45.97 | 46.65 | 43.65 | 10.58 | ppb |
| Selenium | 78-2 | 17.79 | 18.68 | 20.90 | 19.12 | 8.38 | ppb |
| Silicon | 28-1 | 231.77 | 203.36 | 211.97 | 215.70 | 6.75 | ppb |
| Silver | 107-1 | 44.39 | 45.83 | 44.29 | 44.84 | 1.92 | ppb |
| Silver | 109-1 | 43.35 | 44.89 | 43.58 | 43.94 | 1.89 | ppb |
| Sodium | 23-2 | 55357.85 | 55890.95 | 55938.99 | 55729.26 | 0.58 | ppb |
| Strontium | 86-1 | 394.69 | 396.37 | 393.01 | 394.69 | 0.42 | ppb |
| Strontium | 88-1 | 409.51 | 413.53 | 416.95 | 413.33 | 0.90 | ppb |
| Sulfur | 34-1 | 108479.02 | 107817.04 | 108596.62 | 108297.56 | 0.39 | ppb |
| Terbium | 159-1 | | | | 106 | | % |
| Terbium | 159-2 | | | | 106 | | % |
| Thallium | 203-1 | 2.39 | 2.44 | 2.51 | 2.44 | 2.44 | ppb |
| Thallium | 205-1 | 2.44 | 2.47 | 2.42 | 2.44 | 1.14 | ppb |
| Tin | 118-1 | 220.29 | 227.38 | 220.94 | 222.87 | 1.76 | ppb |
| Titanium | 47-1 | 1989.26 | 1978.65 | 1980.46 | 1982.79 | 0.29 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:41:36 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 10.38 | 10.44 | 10.42 | 10.41 | 0.31 | ppb |
| Vanadium | 51-2 | 370.06 | 368.13 | 372.47 | 370.22 | 0.59 | ppb |
| Yttrium | 89-1 | | | | 126 | | % |
| Yttrium | 89-2 | | | | 127 | | % |
| Zinc | 66-2 | 3282.88 | 3211.26 | 3136.54 | 3210.23 | 2.28 | ppb |
| Zirconium | 90-1 | 58.94 | 60.11 | 59.09 | 59.38 | 1.07 | ppb |
| Zirconium | 91-1 | 59.39 | 59.28 | 59.47 | 59.38 | 0.16 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 17:44:38 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18320.26 | 18315.05 | 18422.91 | 18352.74 | 0.33 | ppb |
| Antimony | 121-1 | 0.24 | 0.24 | 0.28 | 0.25 | 9.21 | ppb |
| Arsenic | 75-2 | 51.37 | 51.21 | 50.39 | 50.99 | 1.03 | ppb |
| Barium | 135-1 | 307.33 | 309.33 | 302.35 | 306.34 | 1.17 | ppb |
| Barium | 137-1 | 304.27 | 310.78 | 302.83 | 305.96 | 1.38 | ppb |
| Beryllium | 9-1 | 1.39 | 1.25 | 1.23 | 1.29 | 6.48 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 11.43 | 12.54 | 11.94 | 11.97 | 4.65 | ppb |
| Cadmium | 106-1 | 10.89 | 11.47 | 10.79 | 11.05 | 3.31 | ppb |
| Cadmium | 111-1 | 11.59 | 11.52 | 11.37 | 11.49 | 0.98 | ppb |
| Calcium | 43-1 | 7433.55 | 7576.77 | 7482.97 | 7497.76 | 0.97 | ppb |
| Calcium | 44-1 | 7310.43 | 7190.58 | 7355.04 | 7285.35 | 1.17 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 447.93 | 452.72 | 456.49 | 452.38 | 0.95 | ppb |
| Cobalt | 59-2 | 15.51 | 15.57 | 15.74 | 15.61 | 0.74 | ppb |
| Copper | 63-2 | 495.90 | 494.52 | 496.18 | 495.53 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 106 | | % |
| Indium | 115-1 | | | | 101 | | % |
| Indium | 115-2 | | | | 99 | | % |
| Iron | 56-2 | 50396.97 | 50244.12 | 50444.51 | 50361.86 | 0.21 | ppb |
| Iron | 57-2 | 51227.08 | 49034.70 | 49001.09 | 49754.29 | 2.56 | ppb |
| Iron | 54-2 | 50652.37 | 51959.58 | 50884.97 | 51165.64 | 1.36 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 17:44:38 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 585.72 | 587.64 | 580.48 | 584.61 | 0.63 | ppb |
| Lead | 207-1 | 563.01 | 573.63 | 549.00 | 561.88 | 2.20 | ppb |
| Lead | 208-1 | 571.92 | 581.68 | 566.64 | 573.41 | 1.33 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 10168.36 | 10267.13 | 10353.18 | 10262.89 | 0.90 | ppb |
| Manganese | 55-2 | 467.33 | 466.59 | 472.05 | 468.65 | 0.63 | ppb |
| Molybdenum | 94-1 | 25.92 | 25.52 | 25.97 | 25.80 | 0.96 | ppb |
| Molybdenum | 95-1 | 3.13 | 3.06 | 3.25 | 3.15 | 3.10 | ppb |
| Molybdenum | 96-1 | 5.87 | 5.62 | 5.81 | 5.77 | 2.25 | ppb |
| Molybdenum | 97-1 | 3.22 | 3.10 | 3.38 | 3.23 | 4.26 | ppb |
| Molybdenum | 98-1 | 3.14 | 3.00 | 3.21 | 3.12 | 3.46 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 72.79 | 73.20 | 74.18 | 73.39 | 0.98 | ppb |
| Phosphorus | 31-2 | 2500.55 | 2568.50 | 2579.97 | 2549.67 | 1.68 | ppb |
| Potassium | 39-2 | 3992.23 | 4033.25 | 3972.78 | 3999.42 | 0.77 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 102 | | % |
| Scandium | 45-1 | | | | 100 | | % |
| Scandium | 45-2 | | | | 101 | | % |
| Selenium | 82-1 | 3.02 | 3.51 | 3.68 | 3.41 | 10.03 | ppb |
| Selenium | 77-2 | 12.80 | 10.07 | 10.19 | 11.02 | 14.01 | ppb |
| Selenium | 78-2 | 3.83 | 3.84 | 5.45 | 4.38 | 21.30 | ppb |
| Silicon | 28-1 | 16.86 | 18.53 | 20.63 | 18.68 | 10.12 | ppb |
| Silver | 107-1 | 8.99 | 9.05 | 8.98 | 9.01 | 0.43 | ppb |
| Silver | 109-1 | 8.74 | 8.77 | 8.75 | 8.76 | 0.17 | ppb |
| Sodium | 23-2 | 11625.00 | 11957.65 | 12201.00 | 11927.88 | 2.42 | ppb |
| Strontium | 86-1 | 89.19 | 89.02 | 91.01 | 89.74 | 1.23 | ppb |
| Strontium | 88-1 | 89.81 | 89.10 | 90.60 | 89.84 | 0.84 | ppb |
| Sulfur | 34-1 | 20954.87 | 21337.32 | 21648.74 | 21313.65 | 1.63 | ppb |
| Terbium | 159-1 | | | | 104 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 0.50 | 0.50 | 0.50 | 0.50 | 0.68 | ppb |
| Thallium | 205-1 | 0.48 | 0.49 | 0.48 | 0.48 | 1.01 | ppb |
| Tin | 118-1 | 45.06 | 46.43 | 44.93 | 45.47 | 1.83 | ppb |
| Titanium | 47-1 | 386.30 | 395.89 | 395.51 | 392.57 | 1.38 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 17:44:38 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.08 | 2.05 | 1.99 | 2.04 | 2.47 | ppb |
| Vanadium | 51-2 | 77.17 | 77.71 | 78.49 | 77.79 | 0.85 | ppb |
| Yttrium | 89-1 | | | | 106 | | % |
| Yttrium | 89-2 | | | | 106 | | % |
| Zinc | 66-2 | 688.08 | 691.65 | 697.54 | 692.42 | 0.69 | ppb |
| Zirconium | 90-1 | 13.07 | 12.94 | 13.23 | 13.08 | 1.10 | ppb |
| Zirconium | 91-1 | 13.32 | 13.16 | 13.38 | 13.29 | 0.84 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:59:55 | DataFile Name : | 099CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 49852.90 | 50783.59 | 50338.88 | 50325.12 | 0.92 | ppb |
| Antimony | 121-1 | 495.37 | 485.49 | 490.35 | 490.40 | 1.01 | ppb |
| Arsenic | 75-2 | 479.56 | 484.62 | 486.61 | 483.60 | 0.75 | ppb |
| Barium | 135-1 | 2474.01 | 2459.35 | 2580.87 | 2504.74 | 2.65 | ppb |
| Barium | 137-1 | 2419.58 | 2449.55 | 2496.93 | 2455.35 | 1.59 | ppb |
| Beryllium | 9-1 | 507.30 | 517.46 | 515.77 | 513.51 | 1.06 | ppb |
| Bismuth | 209-1 | | | | 94 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 456.35 | 465.58 | 469.74 | 463.89 | 1.48 | ppb |
| Cadmium | 106-1 | 462.33 | 457.66 | 473.59 | 464.53 | 1.76 | ppb |
| Cadmium | 111-1 | 465.24 | 459.68 | 479.02 | 467.98 | 2.13 | ppb |
| Calcium | 43-1 | 248709.58 | 256734.24 | 252672.10 | 252705.31 | 1.59 | ppb |
| Calcium | 44-1 | 249001.81 | 260434.19 | 254219.49 | 254551.83 | 2.25 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 497.98 | 490.17 | 492.35 | 493.50 | 0.82 | ppb |
| Cobalt | 59-2 | 492.73 | 495.59 | 497.84 | 495.38 | 0.52 | ppb |
| Copper | 63-2 | 4964.08 | 4901.66 | 4935.24 | 4933.66 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 131972.32 | 132185.91 | 131839.27 | 131999.17 | 0.13 | ppb |
| Iron | 57-2 | 131779.74 | 132995.29 | 126708.18 | 130494.41 | 2.56 | ppb |
| Iron | 54-2 | 131693.10 | 130998.99 | 129683.50 | 130791.86 | 0.78 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:59:55 | DataFile Name : | 099CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2571.31 | 2547.24 | 2602.02 | 2573.52 | 1.07 | ppb |
| Lead | 207-1 | 2475.49 | 2456.06 | 2633.71 | 2521.75 | 3.86 | ppb |
| Lead | 208-1 | 2524.92 | 2511.87 | 2604.11 | 2546.97 | 1.96 | ppb |
| Lithium | 6-1 | | | | 85 | | % |
| Magnesium | 24-2 | 258855.22 | 253605.23 | 255227.92 | 255896.12 | 1.05 | ppb |
| Manganese | 55-2 | 5056.00 | 5050.04 | 5007.61 | 5037.88 | 0.52 | ppb |
| Molybdenum | 94-1 | 4824.91 | 4953.23 | 5081.43 | 4953.19 | 2.59 | ppb |
| Molybdenum | 95-1 | 4869.43 | 5008.40 | 4969.97 | 4949.27 | 1.45 | ppb |
| Molybdenum | 96-1 | 4883.20 | 4951.36 | 5008.80 | 4947.79 | 1.27 | ppb |
| Molybdenum | 97-1 | 4804.55 | 4966.41 | 5073.81 | 4948.26 | 2.74 | ppb |
| Molybdenum | 98-1 | 4869.37 | 5030.52 | 5032.77 | 4977.56 | 1.88 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 481.51 | 481.36 | 480.82 | 481.23 | 0.08 | ppb |
| Phosphorus | 31-2 | 9916.48 | 9821.41 | 9819.60 | 9852.50 | 0.56 | ppb |
| Potassium | 39-2 | 124498.43 | 125075.48 | 125940.89 | 125171.60 | 0.58 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 462.57 | 469.74 | 476.21 | 469.51 | 1.45 | ppb |
| Selenium | 77-2 | 484.34 | 483.42 | 491.19 | 486.31 | 0.87 | ppb |
| Selenium | 78-2 | 452.55 | 473.11 | 467.21 | 464.29 | 2.28 | ppb |
| Silicon | 28-1 | 514.53 | 535.28 | 519.73 | 523.18 | 2.06 | ppb |
| Silver | 107-1 | 489.66 | 473.80 | 490.01 | 484.49 | 1.91 | ppb |
| Silver | 109-1 | 482.17 | 478.99 | 480.46 | 480.54 | 0.33 | ppb |
| Sodium | 23-2 | 253648.29 | 250531.48 | 250653.62 | 251611.13 | 0.70 | ppb |
| Strontium | 86-1 | 480.97 | 493.96 | 488.45 | 487.79 | 1.34 | ppb |
| Strontium | 88-1 | 511.42 | 509.94 | 510.72 | 510.69 | 0.14 | ppb |
| Sulfur | 34-1 | 9231.44 | 9866.21 | 9618.91 | 9572.19 | 3.34 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 102 | | % |
| Thallium | 203-1 | 509.25 | 507.53 | 524.05 | 513.61 | 1.77 | ppb |
| Thallium | 205-1 | 511.39 | 510.10 | 508.52 | 510.00 | 0.28 | ppb |
| Tin | 118-1 | 494.18 | 487.04 | 503.01 | 494.74 | 1.62 | ppb |
| Titanium | 47-1 | 5100.68 | 5199.14 | 4969.61 | 5089.81 | 2.26 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:59:55 | DataFile Name : | 099CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 496.37 | 495.06 | 517.88 | 503.10 | 2.55 | ppb |
| Vanadium | 51-2 | 503.65 | 504.46 | 501.15 | 503.09 | 0.34 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 96 | | % |
| Zinc | 66-2 | 4946.39 | 4821.93 | 4851.32 | 4873.21 | 1.34 | ppb |
| Zirconium | 90-1 | 492.28 | 509.42 | 506.88 | 502.86 | 1.84 | ppb |
| Zirconium | 91-1 | 479.17 | 497.27 | 494.24 | 490.23 | 1.98 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:10:33 | DataFile Name : | 100CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.46 | -0.33 | -0.22 | -0.03 | | ppb |
| Antimony | 121-1 | 0.04 | 0.03 | 0.04 | 0.04 | 22.01 | ppb |
| Arsenic | 75-2 | -0.01 | -0.02 | -0.03 | -0.02 | | ppb |
| Barium | 135-1 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Barium | 137-1 | -0.02 | 0.00 | -0.01 | -0.01 | | ppb |
| Beryllium | 9-1 | 0.00 | -0.01 | 0.01 | 0.00 | | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.13 | 0.02 | -0.05 | -0.06 | | ppb |
| Cadmium | 106-1 | -3.68 | -4.41 | -3.94 | -4.01 | | ppb |
| Cadmium | 111-1 | -0.26 | -0.32 | -0.28 | -0.29 | | ppb |
| Calcium | 43-1 | 0.96 | -1.09 | -4.61 | -1.58 | | ppb |
| Calcium | 44-1 | 5.61 | 3.67 | 6.58 | 5.29 | 27.96 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.01 | -0.08 | -0.02 | -0.04 | | ppb |
| Cobalt | 59-2 | -0.02 | -0.02 | -0.02 | -0.02 | | ppb |
| Copper | 63-2 | 0.07 | 0.06 | 0.04 | 0.06 | 23.89 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 3.58 | 1.77 | 1.83 | 2.39 | 43.15 | ppb |
| Iron | 57-2 | 4.75 | 3.95 | 3.95 | 4.22 | 11.05 | ppb |
| Iron | 54-2 | 1.73 | 3.59 | 1.82 | 2.38 | 44.13 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:10:33 | DataFile Name : | 100CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.06 | 0.05 | 0.03 | 0.05 | 26.29 | ppb |
| Lead | 207-1 | 0.07 | 0.05 | 0.06 | 0.06 | 17.63 | ppb |
| Lead | 208-1 | 0.06 | 0.05 | 0.05 | 0.05 | 14.62 | ppb |
| Lithium | 6-1 | | | | 82 | | % |
| Magnesium | 24-2 | 0.05 | 0.32 | 0.41 | 0.26 | 72.27 | ppb |
| Manganese | 55-2 | -0.01 | -0.02 | -0.03 | -0.02 | | ppb |
| Molybdenum | 94-1 | -0.01 | 0.00 | 0.02 | 0.00 | 317.86 | ppb |
| Molybdenum | 95-1 | 0.04 | 0.03 | 0.01 | 0.03 | 47.71 | ppb |
| Molybdenum | 96-1 | 0.01 | 0.00 | -0.01 | 0.00 | | ppb |
| Molybdenum | 97-1 | 0.01 | 0.04 | -0.01 | 0.01 | 221.95 | ppb |
| Molybdenum | 98-1 | 0.00 | 0.00 | 0.00 | 0.00 | 1259.84 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.23 | -0.21 | -0.18 | -0.21 | | ppb |
| Phosphorus | 31-2 | -56.90 | -60.03 | -58.88 | -58.60 | | ppb |
| Potassium | 39-2 | 25.59 | 21.72 | 16.10 | 21.13 | 22.57 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | -0.10 | -0.04 | -0.68 | -0.27 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | -0.16 | -0.16 | | ppb |
| Selenium | 78-2 | 1.21 | -0.42 | 0.41 | 0.40 | 203.96 | ppb |
| Silicon | 28-1 | 0.13 | -0.56 | 0.16 | -0.09 | | ppb |
| Silver | 107-1 | 0.00 | 0.01 | 0.00 | 0.00 | 112.94 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Sodium | 23-2 | 71.04 | 70.49 | 71.69 | 71.08 | 0.85 | ppb |
| Strontium | 86-1 | 0.04 | 0.02 | 0.07 | 0.04 | 56.68 | ppb |
| Strontium | 88-1 | 0.00 | 0.00 | 0.00 | 0.00 | 21.86 | ppb |
| Sulfur | 34-1 | 55.44 | -201.70 | 74.42 | -23.95 | | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Thallium | 205-1 | -0.01 | -0.01 | 0.00 | -0.01 | | ppb |
| Tin | 118-1 | 0.06 | 0.11 | 0.08 | 0.08 | 34.61 | ppb |
| Titanium | 47-1 | -0.03 | 0.01 | 0.03 | 0.00 | 676.44 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:10:33 | DataFile Name : | 100CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 3324.57 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 0.35 | 0.22 | 0.28 | 0.28 | 22.29 | ppb |
| Zirconium | 90-1 | 0.00 | 0.00 | 0.00 | 0.00 | 42.74 | ppb |
| Zirconium | 91-1 | 0.00 | 0.01 | 0.00 | 0.00 | 443.93 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:15:26 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 96011.76 | 98071.82 | 95956.73 | 96680.10 | 1.25 | ppb |
| Antimony | 121-1 | 458.69 | 458.91 | 463.88 | 460.49 | 0.64 | ppb |
| Arsenic | 75-2 | 687.67 | 666.81 | 672.42 | 675.63 | 1.60 | ppb |
| Barium | 135-1 | 4855.53 | 5002.51 | 4853.65 | 4903.90 | 1.74 | ppb |
| Barium | 137-1 | 4812.43 | 4962.92 | 4888.86 | 4888.07 | 1.54 | ppb |
| Beryllium | 9-1 | 456.61 | 464.33 | 470.05 | 463.66 | 1.45 | ppb |
| Bismuth | 209-1 | | | | 106 | | % |
| Bismuth | 209-2 | | | | 106 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 508.13 | 529.32 | 522.40 | 519.95 | 2.08 | ppb |
| Cadmium | 106-1 | 532.43 | 535.00 | 531.31 | 532.92 | 0.35 | ppb |
| Cadmium | 111-1 | 524.96 | 536.10 | 535.37 | 532.14 | 1.17 | ppb |
| Calcium | 43-1 | 94420.46 | 98068.42 | 95078.98 | 95855.95 | 2.03 | ppb |
| Calcium | 44-1 | 92860.55 | 94204.05 | 92841.94 | 93302.18 | 0.84 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3029.27 | 3010.86 | 3101.28 | 3047.13 | 1.57 | ppb |
| Cobalt | 59-2 | 526.46 | 513.73 | 532.27 | 524.15 | 1.81 | ppb |
| Copper | 63-2 | 6833.95 | 6891.37 | 7004.75 | 6910.02 | 1.26 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 260862.54 | 258951.53 | 266761.94 | 262192.00 | 1.55 | ppb |
| Iron | 57-2 | 266100.51 | 263376.97 | 263819.88 | 264432.45 | 0.55 | ppb |
| Iron | 54-2 | 267704.04 | 267792.64 | 270633.82 | 268710.16 | 0.62 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:15:26 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6654.13 | 6607.88 | 7021.21 | 6761.07 | 3.35 | ppb |
| Lead | 207-1 | 6422.09 | 6492.93 | 6625.19 | 6513.40 | 1.58 | ppb |
| Lead | 208-1 | 6518.75 | 6668.14 | 6690.98 | 6625.96 | 1.41 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 111658.26 | 109094.55 | 110901.87 | 110551.56 | 1.19 | ppb |
| Manganese | 55-2 | 6126.35 | 5963.01 | 6184.02 | 6091.13 | 1.88 | ppb |
| Molybdenum | 94-1 | 1820.37 | 1823.96 | 1853.68 | 1832.67 | 1.00 | ppb |
| Molybdenum | 95-1 | 1293.50 | 1318.73 | 1323.51 | 1311.91 | 1.23 | ppb |
| Molybdenum | 96-1 | 1367.91 | 1381.65 | 1408.45 | 1386.00 | 1.49 | ppb |
| Molybdenum | 97-1 | 1333.54 | 1316.19 | 1342.48 | 1330.74 | 1.00 | ppb |
| Molybdenum | 98-1 | 1298.99 | 1339.95 | 1332.02 | 1323.65 | 1.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1031.66 | 1038.89 | 1045.17 | 1038.58 | 0.65 | ppb |
| Phosphorus | 31-2 | 13034.50 | 12812.44 | 12804.97 | 12883.97 | 1.01 | ppb |
| Potassium | 39-2 | 39628.40 | 38616.31 | 38849.08 | 39031.26 | 1.36 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 107 | | % |
| Scandium | 45-2 | | | | 108 | | % |
| Selenium | 82-1 | 373.73 | 372.79 | 383.15 | 376.56 | 1.52 | ppb |
| Selenium | 77-2 | 414.98 | 415.74 | 406.49 | 412.40 | 1.25 | ppb |
| Selenium | 78-2 | 390.81 | 389.98 | 379.21 | 386.67 | 1.67 | ppb |
| Silicon | 28-1 | 62.18 | 66.70 | 88.69 | 72.52 | 19.55 | ppb |
| Silver | 107-1 | 102.65 | 104.79 | 104.04 | 103.83 | 1.05 | ppb |
| Silver | 109-1 | 101.06 | 103.83 | 104.04 | 102.98 | 1.61 | ppb |
| Sodium | 23-2 | 114488.72 | 113905.84 | 112467.98 | 113620.85 | 0.92 | ppb |
| Strontium | 86-1 | 926.92 | 920.53 | 936.21 | 927.89 | 0.85 | ppb |
| Strontium | 88-1 | 915.49 | 927.93 | 948.56 | 930.66 | 1.80 | ppb |
| Sulfur | 34-1 | 115798.35 | 119338.48 | 120160.18 | 118432.34 | 1.96 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 407.86 | 435.58 | 427.14 | 423.53 | 3.35 | ppb |
| Thallium | 205-1 | 415.38 | 438.12 | 434.82 | 429.44 | 2.86 | ppb |
| Tin | 118-1 | 717.24 | 735.35 | 744.67 | 732.42 | 1.90 | ppb |
| Titanium | 47-1 | 2064.58 | 2169.80 | 2095.21 | 2109.86 | 2.57 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:15:26 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 410.00 | 427.83 | 414.60 | 417.48 | 2.22 | ppb |
| Vanadium | 51-2 | 934.66 | 894.67 | 905.62 | 911.65 | 2.27 | ppb |
| Yttrium | 89-1 | | | | 123 | | % |
| Yttrium | 89-2 | | | | 121 | | % |
| Zinc | 66-2 | 8957.06 | 8872.04 | 9119.48 | 8982.86 | 1.40 | ppb |
| Zirconium | 90-1 | 421.53 | 410.65 | 430.42 | 420.86 | 2.35 | ppb |
| Zirconium | 91-1 | 408.48 | 410.05 | 419.10 | 412.54 | 1.39 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:18:14 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 97886.76 | 97095.97 | 95936.54 | 96973.09 | 1.01 | ppb |
| Antimony | 121-1 | 476.57 | 478.01 | 479.15 | 477.91 | 0.27 | ppb |
| Arsenic | 75-2 | 670.91 | 681.04 | 670.25 | 674.07 | 0.90 | ppb |
| Barium | 135-1 | 4932.01 | 5008.90 | 4972.39 | 4971.10 | 0.77 | ppb |
| Barium | 137-1 | 4981.28 | 4867.24 | 5011.92 | 4953.48 | 1.54 | ppb |
| Beryllium | 9-1 | 451.83 | 447.39 | 451.88 | 450.37 | 0.57 | ppb |
| Bismuth | 209-1 | | | | 111 | | % |
| Bismuth | 209-2 | | | | 107 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 533.09 | 533.06 | 527.55 | 531.24 | 0.60 | ppb |
| Cadmium | 106-1 | 548.31 | 551.26 | 552.54 | 550.70 | 0.39 | ppb |
| Cadmium | 111-1 | 539.55 | 540.06 | 550.53 | 543.38 | 1.14 | ppb |
| Calcium | 43-1 | 97734.66 | 97011.07 | 90513.52 | 95086.42 | 4.18 | ppb |
| Calcium | 44-1 | 96007.68 | 94431.17 | 93830.56 | 94756.47 | 1.19 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3096.87 | 3061.82 | 3096.53 | 3085.07 | 0.65 | ppb |
| Cobalt | 59-2 | 519.76 | 521.87 | 527.26 | 522.96 | 0.74 | ppb |
| Copper | 63-2 | 6901.10 | 6838.17 | 7010.70 | 6916.66 | 1.26 | 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 | | | | 104 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 264855.29 | 265147.58 | 265430.10 | 265144.32 | 0.11 | ppb |
| Iron | 57-2 | 265851.86 | 264855.85 | 262974.79 | 264560.83 | 0.55 | ppb |
| Iron | 54-2 | 267231.49 | 264783.17 | 272059.59 | 268024.75 | 1.38 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:18:14 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6736.25 | 6848.91 | 6655.10 | 6746.75 | 1.44 | ppb |
| Lead | 207-1 | 6414.94 | 6429.42 | 6480.06 | 6441.47 | 0.53 | ppb |
| Lead | 208-1 | 6607.97 | 6628.71 | 6623.87 | 6620.18 | 0.16 | ppb |
| Lithium | 6-1 | | | | 92 | | % |
| Magnesium | 24-2 | 110894.94 | 109258.33 | 112051.79 | 110735.02 | 1.27 | ppb |
| Manganese | 55-2 | 6138.40 | 6047.58 | 6151.72 | 6112.57 | 0.93 | ppb |
| Molybdenum | 94-1 | 1839.35 | 1867.95 | 1847.42 | 1851.57 | 0.80 | ppb |
| Molybdenum | 95-1 | 1341.91 | 1347.81 | 1311.46 | 1333.73 | 1.46 | ppb |
| Molybdenum | 96-1 | 1379.48 | 1421.84 | 1352.40 | 1384.57 | 2.53 | ppb |
| Molybdenum | 97-1 | 1319.58 | 1352.54 | 1319.54 | 1330.56 | 1.43 | ppb |
| Molybdenum | 98-1 | 1313.72 | 1361.54 | 1326.64 | 1333.97 | 1.85 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 1033.14 | 1039.69 | 1042.74 | 1038.53 | 0.47 | ppb |
| Phosphorus | 31-2 | 12960.67 | 12749.01 | 12848.87 | 12852.85 | 0.82 | ppb |
| Potassium | 39-2 | 38985.14 | 38750.99 | 39320.57 | 39018.90 | 0.73 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 108 | | % |
| Scandium | 45-2 | | | | 109 | | % |
| Selenium | 82-1 | 377.89 | 382.97 | 374.66 | 378.51 | 1.11 | ppb |
| Selenium | 77-2 | 413.42 | 415.61 | 399.22 | 409.42 | 2.17 | ppb |
| Selenium | 78-2 | 377.84 | 394.64 | 386.86 | 386.45 | 2.18 | ppb |
| Silicon | 28-1 | 74.94 | 70.69 | 73.49 | 73.04 | 2.96 | ppb |
| Silver | 107-1 | 109.31 | 106.93 | 109.41 | 108.55 | 1.29 | ppb |
| Silver | 109-1 | 106.14 | 106.32 | 108.90 | 107.12 | 1.44 | ppb |
| Sodium | 23-2 | 112981.89 | 113798.92 | 115641.31 | 114140.71 | 1.19 | ppb |
| Strontium | 86-1 | 916.05 | 956.61 | 941.79 | 938.15 | 2.19 | ppb |
| Strontium | 88-1 | 921.51 | 949.63 | 935.87 | 935.67 | 1.50 | ppb |
| Sulfur | 34-1 | 119189.62 | 122146.13 | 116341.99 | 119225.92 | 2.43 | ppb |
| Terbium | 159-1 | | | | 101 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 408.84 | 413.00 | 415.60 | 412.48 | 0.83 | ppb |
| Thallium | 205-1 | 435.02 | 411.51 | 413.36 | 419.96 | 3.11 | ppb |
| Tin | 118-1 | 742.81 | 741.30 | 730.76 | 738.29 | 0.89 | ppb |
| Titanium | 47-1 | 2103.09 | 2201.06 | 2064.43 | 2122.86 | 3.32 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:18:14 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 415.53 | 400.23 | 411.41 | 409.06 | 1.94 | ppb |
| Vanadium | 51-2 | 906.78 | 901.94 | 885.74 | 898.15 | 1.23 | ppb |
| Yttrium | 89-1 | | | | 124 | | % |
| Yttrium | 89-2 | | | | 123 | | % |
| Zinc | 66-2 | 8938.37 | 8983.80 | 9096.32 | 9006.17 | 0.90 | ppb |
| Zirconium | 90-1 | 417.75 | 428.32 | 417.74 | 421.27 | 1.45 | ppb |
| Zirconium | 91-1 | 415.02 | 420.38 | 409.96 | 415.12 | 1.26 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:21:00 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 89780.77 | 88589.54 | 90204.75 | 89525.02 | 0.94 | ppb |
| Antimony | 121-1 | 473.69 | 482.25 | 480.44 | 478.80 | 0.94 | ppb |
| Arsenic | 75-2 | 611.88 | 616.19 | 625.98 | 618.01 | 1.17 | ppb |
| Barium | 135-1 | 3681.78 | 3642.06 | 3730.59 | 3684.81 | 1.20 | ppb |
| Barium | 137-1 | 3526.22 | 3592.08 | 3741.92 | 3620.07 | 3.05 | ppb |
| Beryllium | 9-1 | 458.74 | 455.78 | 451.33 | 455.28 | 0.82 | ppb |
| Bismuth | 209-1 | | | | 104 | | % |
| Bismuth | 209-2 | | | | 100 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 486.98 | 493.84 | 492.66 | 491.16 | 0.75 | ppb |
| Cadmium | 106-1 | 505.43 | 507.51 | 512.59 | 508.51 | 0.73 | ppb |
| Cadmium | 111-1 | 502.89 | 508.24 | 507.82 | 506.32 | 0.59 | ppb |
| Calcium | 43-1 | 79362.29 | 78748.27 | 78316.26 | 78808.94 | 0.67 | ppb |
| Calcium | 44-1 | 75716.16 | 76470.20 | 75564.83 | 75917.06 | 0.64 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2410.81 | 2423.20 | 2449.49 | 2427.83 | 0.81 | ppb |
| Cobalt | 59-2 | 502.82 | 504.95 | 492.07 | 499.94 | 1.38 | ppb |
| Copper | 63-2 | 6252.38 | 6217.61 | 6249.70 | 6239.90 | 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 | | | | 103 | | % |
| Holmium | 165-2 | | | | 103 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 245989.30 | 247195.58 | 247262.70 | 246815.86 | 0.29 | ppb |
| Iron | 57-2 | 240309.64 | 236485.81 | 236060.66 | 237618.71 | 0.98 | ppb |
| Iron | 54-2 | 246675.64 | 246426.54 | 247172.05 | 246758.08 | 0.15 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:21:00 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5123.04 | 5005.72 | 5252.03 | 5126.93 | 2.40 | ppb |
| Lead | 207-1 | 4816.01 | 4961.83 | 5034.01 | 4937.28 | 2.25 | ppb |
| Lead | 208-1 | 4920.71 | 4987.98 | 5166.37 | 5025.02 | 2.53 | ppb |
| Lithium | 6-1 | | | | 91 | | % |
| Magnesium | 24-2 | 92604.15 | 92587.61 | 91465.53 | 92219.10 | 0.71 | ppb |
| Manganese | 55-2 | 6263.84 | 6231.33 | 6139.37 | 6211.51 | 1.04 | ppb |
| Molybdenum | 94-1 | 1876.14 | 1895.93 | 1887.57 | 1886.55 | 0.53 | ppb |
| Molybdenum | 95-1 | 1344.62 | 1443.01 | 1384.28 | 1390.64 | 3.56 | ppb |
| Molybdenum | 96-1 | 1435.48 | 1478.35 | 1411.20 | 1441.68 | 2.36 | ppb |
| Molybdenum | 97-1 | 1376.81 | 1386.57 | 1363.53 | 1375.64 | 0.84 | ppb |
| Molybdenum | 98-1 | 1338.58 | 1365.71 | 1379.47 | 1361.26 | 1.53 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 728.35 | 738.03 | 730.08 | 732.16 | 0.71 | ppb |
| Phosphorus | 31-2 | 11262.90 | 11332.48 | 11433.19 | 11342.86 | 0.75 | ppb |
| Potassium | 39-2 | 36486.15 | 37180.95 | 37723.81 | 37130.30 | 1.67 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 105 | | % |
| Scandium | 45-2 | | | | 107 | | % |
| Selenium | 82-1 | 380.47 | 392.52 | 384.95 | 385.98 | 1.58 | ppb |
| Selenium | 77-2 | 396.83 | 424.73 | 414.99 | 412.18 | 3.44 | ppb |
| Selenium | 78-2 | 400.75 | 381.88 | 404.80 | 395.81 | 3.09 | ppb |
| Silicon | 28-1 | 138.59 | 131.21 | 142.52 | 137.44 | 4.18 | ppb |
| Silver | 107-1 | 113.39 | 115.14 | 115.79 | 114.77 | 1.09 | ppb |
| Silver | 109-1 | 112.55 | 112.21 | 113.51 | 112.76 | 0.59 | ppb |
| Sodium | 23-2 | 99438.32 | 98465.65 | 98496.91 | 98800.29 | 0.56 | ppb |
| Strontium | 86-1 | 801.36 | 844.36 | 826.86 | 824.19 | 2.62 | ppb |
| Strontium | 88-1 | 815.51 | 834.03 | 823.85 | 824.46 | 1.12 | ppb |
| Sulfur | 34-1 | 100650.95 | 99370.40 | 102944.56 | 100988.63 | 1.79 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 461.36 | 453.75 | 465.51 | 460.21 | 1.30 | ppb |
| Thallium | 205-1 | 461.50 | 454.31 | 465.42 | 460.41 | 1.22 | ppb |
| Tin | 118-1 | 637.32 | 641.74 | 646.85 | 641.97 | 0.74 | ppb |
| Titanium | 47-1 | 1857.19 | 1813.05 | 1853.15 | 1841.13 | 1.33 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:21:00 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 439.62 | 438.42 | 439.19 | 439.08 | 0.14 | ppb |
| Vanadium | 51-2 | 791.82 | 791.49 | 785.27 | 789.53 | 0.47 | ppb |
| Yttrium | 89-1 | | | | 121 | | % |
| Yttrium | 89-2 | | | | 119 | | % |
| Zinc | 66-2 | 7090.01 | 7143.41 | 6966.23 | 7066.55 | 1.29 | ppb |
| Zirconium | 90-1 | 416.82 | 428.75 | 427.14 | 424.24 | 1.53 | ppb |
| Zirconium | 91-1 | 409.62 | 419.51 | 419.30 | 416.14 | 1.36 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:23:49 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 107556.04 | 110023.78 | 109921.97 | 109167.26 | 1.28 | ppb |
| Antimony | 121-1 | 1.59 | 1.57 | 1.68 | 1.62 | 3.67 | ppb |
| Arsenic | 75-2 | 338.10 | 340.02 | 338.68 | 338.93 | 0.29 | ppb |
| Barium | 135-1 | 3221.82 | 3405.69 | 3277.63 | 3301.71 | 2.86 | ppb |
| Barium | 137-1 | 3334.36 | 3359.65 | 3327.68 | 3340.56 | 0.50 | ppb |
| Beryllium | 9-1 | 8.03 | 8.44 | 8.28 | 8.25 | 2.54 | ppb |
| Bismuth | 209-1 | | | | 110 | | % |
| Bismuth | 209-2 | | | | 109 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 49.30 | 50.95 | 49.76 | 50.01 | 1.70 | ppb |
| Cadmium | 106-1 | 53.87 | 54.75 | 54.71 | 54.44 | 0.91 | ppb |
| Cadmium | 111-1 | 47.69 | 49.18 | 48.37 | 48.41 | 1.53 | ppb |
| Calcium | 43-1 | 49824.11 | 50575.92 | 50054.73 | 50151.59 | 0.77 | ppb |
| Calcium | 44-1 | 47829.50 | 48074.07 | 48282.08 | 48061.88 | 0.47 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1452.21 | 1497.89 | 1482.94 | 1477.68 | 1.58 | ppb |
| Cobalt | 59-2 | 93.77 | 96.55 | 95.52 | 95.28 | 1.48 | ppb |
| Copper | 63-2 | 2702.62 | 2675.09 | 2638.11 | 2671.94 | 1.21 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 104 | | % |
| Holmium | 165-2 | | | | 105 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 306260.92 | 313425.14 | 301210.58 | 306965.55 | 2.00 | ppb |
| Iron | 57-2 | 290797.75 | 299965.20 | 304054.79 | 298272.58 | 2.28 | ppb |
| Iron | 54-2 | 301888.66 | 308271.89 | 296477.50 | 302212.68 | 1.95 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:23:49 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4389.24 | 4454.21 | 4569.22 | 4470.89 | 2.04 | ppb |
| Lead | 207-1 | 4264.19 | 4150.59 | 4319.56 | 4244.78 | 2.03 | ppb |
| Lead | 208-1 | 4303.31 | 4293.57 | 4453.82 | 4350.23 | 2.07 | ppb |
| Lithium | 6-1 | | | | 93 | | % |
| Magnesium | 24-2 | 63501.89 | 64493.21 | 62471.42 | 63488.84 | 1.59 | ppb |
| Manganese | 55-2 | 2933.65 | 2946.39 | 2932.79 | 2937.61 | 0.26 | ppb |
| Molybdenum | 94-1 | 137.26 | 132.09 | 140.74 | 136.70 | 3.18 | ppb |
| Molybdenum | 95-1 | 12.06 | 11.80 | 12.63 | 12.17 | 3.50 | ppb |
| Molybdenum | 96-1 | 26.48 | 25.61 | 27.51 | 26.54 | 3.59 | ppb |
| Molybdenum | 97-1 | 12.62 | 11.73 | 12.99 | 12.45 | 5.19 | ppb |
| Molybdenum | 98-1 | 12.13 | 11.83 | 12.43 | 12.13 | 2.48 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 436.87 | 450.03 | 442.36 | 443.09 | 1.49 | ppb |
| Phosphorus | 31-2 | 11804.80 | 11783.78 | 11815.42 | 11801.33 | 0.14 | ppb |
| Potassium | 39-2 | 22883.98 | 22982.75 | 22540.98 | 22802.57 | 1.02 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 108 | | % |
| Scandium | 45-2 | | | | 112 | | % |
| Selenium | 82-1 | 22.21 | 21.67 | 22.29 | 22.06 | 1.53 | ppb |
| Selenium | 77-2 | 56.72 | 56.18 | 55.45 | 56.12 | 1.13 | ppb |
| Selenium | 78-2 | 26.92 | 27.31 | 29.02 | 27.75 | 4.02 | ppb |
| Silicon | 28-1 | 84.56 | 71.20 | 81.35 | 79.03 | 8.82 | ppb |
| Silver | 107-1 | 46.18 | 46.34 | 46.92 | 46.48 | 0.83 | ppb |
| Silver | 109-1 | 44.84 | 46.60 | 45.91 | 45.79 | 1.93 | ppb |
| Sodium | 23-2 | 48214.28 | 48040.25 | 48242.55 | 48165.69 | 0.23 | ppb |
| Strontium | 86-1 | 420.97 | 410.38 | 437.41 | 422.92 | 3.22 | ppb |
| Strontium | 88-1 | 435.22 | 416.20 | 446.37 | 432.60 | 3.53 | ppb |
| Sulfur | 34-1 | 132814.58 | 131855.39 | 134773.98 | 133147.98 | 1.12 | ppb |
| Terbium | 159-1 | | | | 103 | | % |
| Terbium | 159-2 | | | | 104 | | % |
| Thallium | 203-1 | 3.97 | 4.12 | 4.23 | 4.11 | 3.27 | ppb |
| Thallium | 205-1 | 4.04 | 4.00 | 4.07 | 4.03 | 0.88 | ppb |
| Tin | 118-1 | 446.21 | 448.49 | 456.89 | 450.53 | 1.25 | ppb |
| Titanium | 47-1 | 1998.36 | 1923.43 | 1951.33 | 1957.71 | 1.93 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:23:49 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 12.01 | 12.23 | 12.32 | 12.19 | 1.27 | ppb |
| Vanadium | 51-2 | 360.04 | 364.81 | 359.41 | 361.42 | 0.82 | ppb |
| Yttrium | 89-1 | | | | 130 | | % |
| Yttrium | 89-2 | | | | 130 | | % |
| Zinc | 66-2 | 4695.78 | 4740.50 | 4776.49 | 4737.59 | 0.85 | ppb |
| Zirconium | 90-1 | 70.39 | 69.17 | 72.01 | 70.52 | 2.02 | ppb |
| Zirconium | 91-1 | 70.50 | 68.25 | 73.19 | 70.65 | 3.50 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-06 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP03-2025-2( | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:26:48 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 71603.18 | 69962.30 | 68981.07 | 70182.18 | 1.89 | ppb |
| Antimony | 121-1 | 1.32 | 1.32 | 1.36 | 1.33 | 1.84 | ppb |
| Arsenic | 75-2 | 223.56 | 224.99 | 226.40 | 224.98 | 0.63 | ppb |
| Barium | 135-1 | 2004.77 | 1967.14 | 1965.51 | 1979.14 | 1.12 | ppb |
| Barium | 137-1 | 2009.44 | 2051.41 | 2009.58 | 2023.48 | 1.20 | ppb |
| Beryllium | 9-1 | 5.62 | 5.35 | 5.51 | 5.49 | 2.44 | ppb |
| Bismuth | 209-1 | | | | 105 | | % |
| Bismuth | 209-2 | | | | 102 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 26.06 | 22.79 | 24.68 | 24.51 | 6.70 | ppb |
| Cadmium | 106-1 | 28.31 | 27.53 | 25.99 | 27.28 | 4.33 | ppb |
| Cadmium | 111-1 | 24.54 | 24.42 | 23.90 | 24.29 | 1.40 | ppb |
| Calcium | 43-1 | 31767.09 | 31591.34 | 31932.40 | 31763.61 | 0.54 | ppb |
| Calcium | 44-1 | 30827.05 | 30367.56 | 30526.98 | 30573.86 | 0.76 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 849.04 | 876.54 | 846.01 | 857.20 | 1.96 | ppb |
| Cobalt | 59-2 | 70.86 | 72.00 | 71.25 | 71.37 | 0.81 | ppb |
| Copper | 63-2 | 1578.91 | 1607.11 | 1590.08 | 1592.03 | 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 | | | | 101 | | % |
| Holmium | 165-2 | | | | 102 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 220236.82 | 222602.18 | 219663.86 | 220834.29 | 0.71 | ppb |
| Iron | 57-2 | 212099.45 | 213604.62 | 210837.25 | 212180.44 | 0.65 | ppb |
| Iron | 54-2 | 217602.43 | 221398.43 | 220890.28 | 219963.71 | 0.94 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-06 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP03-2025-2( | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:26:48 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2836.31 | 2929.54 | 2970.33 | 2912.06 | 2.36 | ppb |
| Lead | 207-1 | 2685.48 | 2747.69 | 2803.16 | 2745.44 | 2.14 | ppb |
| Lead | 208-1 | 2764.03 | 2822.80 | 2878.09 | 2821.64 | 2.02 | ppb |
| Lithium | 6-1 | | | | 90 | | % |
| Magnesium | 24-2 | 40325.95 | 40360.41 | 40583.48 | 40423.28 | 0.35 | ppb |
| Manganese | 55-2 | 2690.84 | 2731.54 | 2740.99 | 2721.12 | 0.98 | ppb |
| Molybdenum | 94-1 | 91.14 | 89.45 | 90.64 | 90.41 | 0.96 | ppb |
| Molybdenum | 95-1 | 7.99 | 7.86 | 8.08 | 7.98 | 1.41 | ppb |
| Molybdenum | 96-1 | 17.65 | 17.40 | 17.69 | 17.58 | 0.91 | ppb |
| Molybdenum | 97-1 | 8.02 | 7.82 | 7.91 | 7.92 | 1.30 | ppb |
| Molybdenum | 98-1 | 7.94 | 7.84 | 8.00 | 7.93 | 1.06 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 329.17 | 333.34 | 333.58 | 332.03 | 0.75 | ppb |
| Phosphorus | 31-2 | 7528.18 | 7656.56 | 7643.94 | 7609.56 | 0.93 | ppb |
| Potassium | 39-2 | 13249.87 | 13714.58 | 13428.85 | 13464.43 | 1.74 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 104 | | % |
| Scandium | 45-2 | | | | 104 | | % |
| Selenium | 82-1 | 13.63 | 13.56 | 13.88 | 13.69 | 1.23 | ppb |
| Selenium | 77-2 | 38.74 | 38.90 | 38.39 | 38.68 | 0.67 | ppb |
| Selenium | 78-2 | 16.18 | 16.28 | 16.89 | 16.45 | 2.32 | ppb |
| Silicon | 28-1 | 68.52 | 73.95 | 68.61 | 70.36 | 4.42 | ppb |
| Silver | 107-1 | 25.72 | 25.94 | 26.09 | 25.92 | 0.72 | ppb |
| Silver | 109-1 | 25.50 | 25.43 | 25.48 | 25.47 | 0.14 | ppb |
| Sodium | 23-2 | 10743.28 | 10779.54 | 10577.11 | 10699.98 | 1.01 | ppb |
| Strontium | 86-1 | 264.55 | 265.00 | 265.30 | 264.95 | 0.14 | ppb |
| Strontium | 88-1 | 280.00 | 268.32 | 272.30 | 273.54 | 2.17 | ppb |
| Sulfur | 34-1 | 71172.36 | 71630.33 | 70910.50 | 71237.73 | 0.51 | ppb |
| Terbium | 159-1 | | | | 100 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 2.25 | 2.36 | 2.37 | 2.33 | 2.71 | ppb |
| Thallium | 205-1 | 2.29 | 2.28 | 2.41 | 2.33 | 3.13 | ppb |
| Tin | 118-1 | 213.79 | 213.78 | 212.35 | 213.31 | 0.39 | ppb |
| Titanium | 47-1 | 1410.60 | 1408.99 | 1400.90 | 1406.83 | 0.37 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-06 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP03-2025-2( | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:26:48 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 8.43 | 8.73 | 8.76 | 8.64 | 2.09 | ppb |
| Vanadium | 51-2 | 241.51 | 242.74 | 241.99 | 242.08 | 0.26 | ppb |
| Yttrium | 89-1 | | | | 117 | | % |
| Yttrium | 89-2 | | | | 118 | | % |
| Zinc | 66-2 | 2654.93 | 2700.08 | 2652.67 | 2669.23 | 1.00 | ppb |
| Zirconium | 90-1 | 46.86 | 46.48 | 46.61 | 46.65 | 0.42 | ppb |
| Zirconium | 91-1 | 46.73 | 47.01 | 46.68 | 46.81 | 0.38 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:29:53 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 69325.01 | 68126.98 | 69429.07 | 68960.36 | 1.05 | ppb |
| Antimony | 121-1 | 1.84 | 1.88 | 1.81 | 1.85 | 1.84 | ppb |
| Arsenic | 75-2 | 352.04 | 351.77 | 344.59 | 349.47 | 1.21 | ppb |
| Barium | 135-1 | 1847.96 | 1786.74 | 1808.11 | 1814.27 | 1.71 | ppb |
| Barium | 137-1 | 1799.73 | 1872.45 | 1798.39 | 1823.52 | 2.32 | ppb |
| Beryllium | 9-1 | 4.81 | 4.99 | 4.85 | 4.88 | 1.96 | ppb |
| Bismuth | 209-1 | | | | 101 | | % |
| Bismuth | 209-2 | | | | 99 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 15.53 | 14.92 | 15.12 | 15.19 | 2.05 | ppb |
| Cadmium | 106-1 | 16.13 | 18.08 | 15.85 | 16.69 | 7.29 | ppb |
| Cadmium | 111-1 | 13.45 | 13.62 | 13.00 | 13.36 | 2.40 | ppb |
| Calcium | 43-1 | 24414.49 | 24578.13 | 24123.77 | 24372.13 | 0.94 | ppb |
| Calcium | 44-1 | 23501.05 | 23683.69 | 22695.57 | 23293.44 | 2.26 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 627.73 | 641.52 | 655.43 | 641.56 | 2.16 | ppb |
| Cobalt | 59-2 | 70.20 | 69.79 | 70.94 | 70.31 | 0.83 | ppb |
| Copper | 63-2 | 1575.45 | 1575.94 | 1565.42 | 1572.27 | 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 | | | | 104 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 261553.34 | 256934.23 | 261385.15 | 259957.57 | 1.01 | ppb |
| Iron | 57-2 | 252650.86 | 252764.88 | 255915.41 | 253777.05 | 0.73 | ppb |
| Iron | 54-2 | 257924.70 | 253261.83 | 259421.25 | 256869.26 | 1.25 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:29:53 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4337.18 | 4081.62 | 4177.25 | 4198.68 | 3.08 | ppb |
| Lead | 207-1 | 4167.84 | 3979.04 | 4001.03 | 4049.30 | 2.55 | ppb |
| Lead | 208-1 | 4138.75 | 4085.74 | 4106.87 | 4110.45 | 0.65 | ppb |
| Lithium | 6-1 | | | | 89 | | % |
| Magnesium | 24-2 | 37015.51 | 36872.60 | 36702.32 | 36863.48 | 0.43 | ppb |
| Manganese | 55-2 | 2727.56 | 2661.18 | 2762.25 | 2717.00 | 1.89 | ppb |
| Molybdenum | 94-1 | 92.54 | 96.23 | 94.70 | 94.49 | 1.96 | ppb |
| Molybdenum | 95-1 | 13.60 | 13.99 | 13.88 | 13.82 | 1.43 | ppb |
| Molybdenum | 96-1 | 22.66 | 23.66 | 23.39 | 23.24 | 2.23 | ppb |
| Molybdenum | 97-1 | 13.45 | 14.62 | 13.71 | 13.93 | 4.43 | ppb |
| Molybdenum | 98-1 | 13.52 | 13.81 | 13.45 | 13.59 | 1.41 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 298.12 | 298.70 | 299.04 | 298.62 | 0.16 | ppb |
| Phosphorus | 31-2 | 3690.64 | 3645.75 | 3634.59 | 3656.99 | 0.81 | ppb |
| Potassium | 39-2 | 12584.72 | 12516.04 | 12491.41 | 12530.72 | 0.39 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 103 | | % |
| Scandium | 45-2 | | | | 105 | | % |
| Selenium | 82-1 | 17.32 | 19.36 | 17.45 | 18.04 | 6.33 | ppb |
| Selenium | 77-2 | 47.74 | 42.20 | 36.67 | 42.20 | 13.12 | ppb |
| Selenium | 78-2 | 21.20 | 22.66 | 19.83 | 21.23 | 6.67 | ppb |
| Silicon | 28-1 | 250.01 | 258.88 | 313.94 | 274.28 | 12.63 | ppb |
| Silver | 107-1 | 18.84 | 19.25 | 19.31 | 19.13 | 1.33 | ppb |
| Silver | 109-1 | 18.78 | 19.12 | 19.04 | 18.98 | 0.93 | ppb |
| Sodium | 23-2 | 4601.40 | 4432.34 | 4539.81 | 4524.52 | 1.89 | ppb |
| Strontium | 86-1 | 179.48 | 184.40 | 182.90 | 182.26 | 1.39 | ppb |
| Strontium | 88-1 | 190.09 | 194.26 | 192.30 | 192.22 | 1.08 | ppb |
| Sulfur | 34-1 | 86761.56 | 86824.86 | 85686.14 | 86424.18 | 0.74 | ppb |
| Terbium | 159-1 | | | | 102 | | % |
| Terbium | 159-2 | | | | 103 | | % |
| Thallium | 203-1 | 2.67 | 2.44 | 2.48 | 2.53 | 4.91 | ppb |
| Thallium | 205-1 | 2.60 | 2.49 | 2.46 | 2.51 | 2.92 | ppb |
| Tin | 118-1 | 144.01 | 146.26 | 143.94 | 144.73 | 0.91 | ppb |
| Titanium | 47-1 | 1477.72 | 1486.15 | 1476.09 | 1479.99 | 0.36 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:29:53 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 9.49 | 9.08 | 9.14 | 9.24 | 2.40 | ppb |
| Vanadium | 51-2 | 233.68 | 233.18 | 235.24 | 234.03 | 0.46 | ppb |
| Yttrium | 89-1 | | | | 119 | | % |
| Yttrium | 89-2 | | | | 119 | | % |
| Zinc | 66-2 | 3091.66 | 3077.19 | 3080.84 | 3083.23 | 0.24 | ppb |
| Zirconium | 90-1 | 45.81 | 46.99 | 46.17 | 46.32 | 1.30 | ppb |
| Zirconium | 91-1 | 45.85 | 47.87 | 46.68 | 46.80 | 2.17 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:41:09 | DataFile Name : | 107CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 49051.15 | 49896.63 | 50175.05 | 49707.61 | 1.18 | ppb |
| Antimony | 121-1 | 492.77 | 517.16 | 504.21 | 504.71 | 2.42 | ppb |
| Arsenic | 75-2 | 489.66 | 483.77 | 486.21 | 486.55 | 0.61 | ppb |
| Barium | 135-1 | 2514.45 | 2572.37 | 2540.83 | 2542.55 | 1.14 | ppb |
| Barium | 137-1 | 2506.36 | 2564.15 | 2510.12 | 2526.88 | 1.28 | ppb |
| Beryllium | 9-1 | 501.00 | 501.84 | 509.86 | 504.23 | 0.97 | ppb |
| Bismuth | 209-1 | | | | 93 | | % |
| Bismuth | 209-2 | | | | 91 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 466.43 | 481.76 | 483.28 | 477.15 | 1.95 | ppb |
| Cadmium | 106-1 | 473.40 | 474.59 | 482.22 | 476.74 | 1.00 | ppb |
| Cadmium | 111-1 | 476.39 | 486.25 | 487.92 | 483.52 | 1.29 | ppb |
| Calcium | 43-1 | 253370.52 | 255512.99 | 260235.88 | 256373.13 | 1.37 | ppb |
| Calcium | 44-1 | 255583.77 | 252597.33 | 259406.74 | 255862.61 | 1.33 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 492.83 | 498.16 | 495.94 | 495.64 | 0.54 | ppb |
| Cobalt | 59-2 | 497.91 | 494.49 | 499.20 | 497.20 | 0.49 | ppb |
| Copper | 63-2 | 4933.74 | 5065.76 | 4998.90 | 4999.47 | 1.32 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 100 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 129312.85 | 131641.31 | 133419.00 | 131457.72 | 1.57 | ppb |
| Iron | 57-2 | 130277.25 | 135091.78 | 129645.16 | 131671.39 | 2.26 | ppb |
| Iron | 54-2 | 129592.58 | 131872.06 | 127437.44 | 129634.03 | 1.71 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:41:09 | DataFile Name : | 107CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2648.75 | 2598.43 | 2616.15 | 2621.11 | 0.97 | ppb |
| Lead | 207-1 | 2562.76 | 2518.00 | 2545.06 | 2541.94 | 0.89 | ppb |
| Lead | 208-1 | 2550.47 | 2551.67 | 2545.90 | 2549.35 | 0.12 | ppb |
| Lithium | 6-1 | | | | 84 | | % |
| Magnesium | 24-2 | 253358.15 | 254325.14 | 252060.81 | 253248.03 | 0.45 | ppb |
| Manganese | 55-2 | 4975.31 | 5115.84 | 5003.53 | 5031.56 | 1.48 | ppb |
| Molybdenum | 94-1 | 4770.70 | 4969.63 | 4992.74 | 4911.03 | 2.49 | ppb |
| Molybdenum | 95-1 | 4843.04 | 4895.58 | 4964.43 | 4901.02 | 1.24 | ppb |
| Molybdenum | 96-1 | 4861.84 | 5029.97 | 5002.90 | 4964.90 | 1.82 | ppb |
| Molybdenum | 97-1 | 4824.51 | 4851.23 | 5054.44 | 4910.06 | 2.56 | ppb |
| Molybdenum | 98-1 | 4866.43 | 5068.20 | 4835.28 | 4923.31 | 2.57 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 481.55 | 483.19 | 482.23 | 482.32 | 0.17 | ppb |
| Phosphorus | 31-2 | 9848.11 | 9732.20 | 9681.52 | 9753.94 | 0.88 | ppb |
| Potassium | 39-2 | 123974.86 | 126657.23 | 127408.08 | 126013.39 | 1.43 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 460.24 | 469.58 | 471.47 | 467.10 | 1.29 | ppb |
| Selenium | 77-2 | 458.91 | 466.32 | 465.72 | 463.65 | 0.89 | ppb |
| Selenium | 78-2 | 473.60 | 462.77 | 466.84 | 467.74 | 1.17 | ppb |
| Silicon | 28-1 | 524.26 | 513.16 | 516.52 | 517.98 | 1.10 | ppb |
| Silver | 107-1 | 498.73 | 500.27 | 501.96 | 500.32 | 0.32 | ppb |
| Silver | 109-1 | 496.17 | 512.37 | 499.33 | 502.62 | 1.71 | ppb |
| Sodium | 23-2 | 253050.99 | 249036.93 | 255983.19 | 252690.37 | 1.38 | ppb |
| Strontium | 86-1 | 479.15 | 495.83 | 485.94 | 486.97 | 1.72 | ppb |
| Strontium | 88-1 | 498.95 | 507.51 | 499.75 | 502.07 | 0.94 | ppb |
| Sulfur | 34-1 | 9561.27 | 9345.43 | 9820.99 | 9575.90 | 2.49 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 520.39 | 519.53 | 532.05 | 523.99 | 1.33 | ppb |
| Thallium | 205-1 | 522.14 | 539.32 | 528.20 | 529.89 | 1.64 | ppb |
| Tin | 118-1 | 499.18 | 521.55 | 503.78 | 508.17 | 2.32 | ppb |
| Titanium | 47-1 | 5042.03 | 5006.29 | 5122.17 | 5056.83 | 1.17 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:41:09 | DataFile Name : | 107CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 490.04 | 494.90 | 489.66 | 491.53 | 0.59 | ppb |
| Vanadium | 51-2 | 498.43 | 502.29 | 504.37 | 501.70 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 4924.19 | 4813.39 | 4935.60 | 4891.06 | 1.38 | ppb |
| Zirconium | 90-1 | 480.86 | 495.78 | 492.82 | 489.82 | 1.61 | ppb |
| Zirconium | 91-1 | 469.48 | 490.72 | 484.16 | 481.46 | 2.26 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:49:58 | DataFile Name : | 108CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.64 | 0.70 | -0.04 | 0.44 | 93.98 | ppb |
| Antimony | 121-1 | 0.05 | 0.05 | 0.05 | 0.05 | 3.27 | ppb |
| Arsenic | 75-2 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Barium | 135-1 | 0.01 | 0.02 | 0.00 | 0.01 | 155.59 | ppb |
| Barium | 137-1 | 0.01 | 0.00 | 0.01 | 0.01 | 64.43 | ppb |
| Beryllium | 9-1 | -0.01 | 0.01 | 0.00 | 0.00 | | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.09 | -0.09 | -0.05 | -0.08 | | ppb |
| Cadmium | 106-1 | -3.83 | -4.26 | -2.43 | -3.50 | | ppb |
| Cadmium | 111-1 | -0.24 | -0.30 | -0.17 | -0.24 | | ppb |
| Calcium | 43-1 | 2.35 | -1.49 | -1.41 | -0.18 | | ppb |
| Calcium | 44-1 | 15.53 | 12.93 | 10.68 | 13.05 | 18.63 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.02 | -0.01 | 0.03 | 0.00 | 2453.31 | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.02 | -0.01 | | ppb |
| Copper | 63-2 | 0.16 | 0.14 | 0.14 | 0.15 | 9.08 | 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 | | | | 96 | | % |
| Holmium | 165-2 | | | | 96 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 2.55 | 3.24 | 3.89 | 3.23 | 20.82 | ppb |
| Iron | 57-2 | 3.65 | 2.49 | 4.58 | 3.57 | 29.30 | ppb |
| Iron | 54-2 | 3.01 | 4.25 | 5.27 | 4.18 | 27.12 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:49:58 | DataFile Name : | 108CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.08 | 0.07 | 0.10 | 0.08 | 19.01 | ppb |
| Lead | 207-1 | 0.07 | 0.09 | 0.08 | 0.08 | 13.98 | ppb |
| Lead | 208-1 | 0.08 | 0.08 | 0.09 | 0.08 | 10.91 | ppb |
| Lithium | 6-1 | | | | 80 | | % |
| Magnesium | 24-2 | 0.61 | 1.12 | 1.65 | 1.13 | 46.38 | ppb |
| Manganese | 55-2 | 0.00 | -0.02 | 0.04 | 0.00 | 670.47 | ppb |
| Molybdenum | 94-1 | 0.06 | 0.05 | 0.08 | 0.06 | 18.37 | ppb |
| Molybdenum | 95-1 | 0.06 | 0.05 | 0.03 | 0.05 | 29.17 | ppb |
| Molybdenum | 96-1 | 0.03 | 0.02 | 0.02 | 0.02 | 19.62 | ppb |
| Molybdenum | 97-1 | 0.01 | 0.01 | 0.01 | 0.01 | 25.85 | ppb |
| Molybdenum | 98-1 | 0.02 | 0.03 | 0.02 | 0.03 | 30.47 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.22 | -0.15 | -0.08 | -0.15 | | ppb |
| Phosphorus | 31-2 | -60.32 | -56.00 | -62.84 | -59.72 | | ppb |
| Potassium | 39-2 | 27.56 | 26.49 | 33.74 | 29.26 | 13.38 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 90 | | % |
| Selenium | 82-1 | 0.16 | -0.16 | -0.27 | -0.09 | | ppb |
| Selenium | 77-2 | -0.16 | 0.10 | 0.09 | 0.01 | 1410.51 | ppb |
| Selenium | 78-2 | -0.61 | 0.63 | 0.93 | 0.32 | 256.40 | ppb |
| Silicon | 28-1 | 0.74 | 0.48 | -0.17 | 0.35 | 134.93 | ppb |
| Silver | 107-1 | 0.01 | 0.01 | 0.01 | 0.01 | 17.55 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | 14.16 | ppb |
| Sodium | 23-2 | 75.07 | 75.57 | 75.86 | 75.50 | 0.53 | ppb |
| Strontium | 86-1 | 0.04 | 0.02 | 0.03 | 0.03 | 29.76 | ppb |
| Strontium | 88-1 | 0.01 | 0.00 | 0.01 | 0.00 | 25.73 | ppb |
| Sulfur | 34-1 | 31.11 | 24.95 | -317.46 | -87.13 | | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.03 | 0.03 | 0.02 | 0.03 | 15.24 | ppb |
| Thallium | 205-1 | 0.02 | 0.02 | 0.02 | 0.02 | 15.83 | ppb |
| Tin | 118-1 | 0.07 | 0.05 | 0.04 | 0.06 | 30.54 | ppb |
| Titanium | 47-1 | 0.02 | 0.03 | 0.05 | 0.04 | 45.71 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:49:58 | DataFile Name : | 108CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 0.20 | 0.41 | 0.34 | 0.32 | 34.11 | ppb |
| Zirconium | 90-1 | 0.02 | 0.01 | 0.02 | 0.02 | 26.18 | ppb |
| Zirconium | 91-1 | 0.01 | 0.01 | 0.02 | 0.01 | 57.69 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:12:37 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17865.99 | 17736.07 | 17947.87 | 17849.98 | 0.60 | ppb |
| Antimony | 121-1 | 0.77 | 0.82 | 0.75 | 0.78 | 4.41 | ppb |
| Arsenic | 75-2 | 61.99 | 62.68 | 64.56 | 63.08 | 2.11 | ppb |
| Barium | 135-1 | 397.69 | 398.50 | 396.92 | 397.71 | 0.20 | ppb |
| Barium | 137-1 | 395.97 | 397.63 | 392.26 | 395.29 | 0.70 | ppb |
| Beryllium | 9-1 | 1.53 | 1.54 | 1.56 | 1.54 | 1.05 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 12.45 | 13.26 | 13.82 | 13.17 | 5.22 | ppb |
| Cadmium | 106-1 | 8.67 | 9.31 | 10.14 | 9.37 | 7.85 | ppb |
| Cadmium | 111-1 | 12.76 | 13.32 | 12.66 | 12.91 | 2.77 | ppb |
| Calcium | 43-1 | 11938.23 | 12028.11 | 12264.42 | 12076.92 | 1.40 | ppb |
| Calcium | 44-1 | 11484.58 | 11982.10 | 11957.46 | 11808.04 | 2.37 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 477.14 | 474.18 | 477.67 | 476.33 | 0.39 | ppb |
| Cobalt | 59-2 | 18.63 | 18.96 | 18.57 | 18.72 | 1.13 | ppb |
| Copper | 63-2 | 568.39 | 547.07 | 569.45 | 561.64 | 2.25 | 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 | | | | 95 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 51889.73 | 54127.34 | 52555.46 | 52857.51 | 2.17 | ppb |
| Iron | 57-2 | 51506.60 | 53526.83 | 51037.03 | 52023.49 | 2.54 | ppb |
| Iron | 54-2 | 53346.52 | 52657.32 | 52657.56 | 52887.13 | 0.75 | ppb |
| Krypton | 83-1 | | | | | | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:12:37 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 747.13 | 814.44 | 798.89 | 786.82 | 4.48 | ppb |
| Lead | 207-1 | 729.05 | 751.63 | 759.03 | 746.57 | 2.09 | ppb |
| Lead | 208-1 | 738.77 | 771.44 | 767.71 | 759.31 | 2.35 | ppb |
| Lithium | 6-1 | | | | 79 | | % |
| Magnesium | 24-2 | 11158.76 | 11025.17 | 11129.66 | 11104.53 | 0.63 | ppb |
| Manganese | 55-2 | 463.83 | 461.28 | 462.28 | 462.46 | 0.28 | ppb |
| Molybdenum | 94-1 | 28.79 | 27.96 | 28.77 | 28.50 | 1.67 | ppb |
| Molybdenum | 95-1 | 4.48 | 4.45 | 4.51 | 4.48 | 0.65 | ppb |
| Molybdenum | 96-1 | 7.23 | 7.19 | 7.42 | 7.28 | 1.67 | ppb |
| Molybdenum | 97-1 | 4.58 | 4.58 | 4.50 | 4.56 | 1.00 | ppb |
| Molybdenum | 98-1 | 4.52 | 4.42 | 4.54 | 4.49 | 1.50 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 120.86 | 121.55 | 121.94 | 121.45 | 0.45 | ppb |
| Phosphorus | 31-2 | 2424.30 | 2454.57 | 2489.14 | 2456.01 | 1.32 | ppb |
| Potassium | 39-2 | 3860.67 | 3902.69 | 3886.93 | 3883.43 | 0.55 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 3.27 | 2.74 | 3.24 | 3.09 | 9.58 | ppb |
| Selenium | 77-2 | 9.79 | 12.75 | 10.21 | 10.92 | 14.67 | ppb |
| Selenium | 78-2 | 5.81 | 4.18 | 6.77 | 5.59 | 23.41 | ppb |
| Silicon | 28-1 | 105.44 | 118.76 | 109.92 | 111.37 | 6.08 | ppb |
| Silver | 107-1 | 10.28 | 10.37 | 10.30 | 10.31 | 0.43 | ppb |
| Silver | 109-1 | 10.00 | 10.10 | 10.33 | 10.15 | 1.68 | ppb |
| Sodium | 23-2 | 8685.10 | 8635.13 | 8745.11 | 8688.45 | 0.63 | ppb |
| Strontium | 86-1 | 107.63 | 104.92 | 108.02 | 106.86 | 1.58 | ppb |
| Strontium | 88-1 | 111.53 | 113.43 | 112.66 | 112.54 | 0.85 | ppb |
| Sulfur | 34-1 | 21711.39 | 21593.04 | 21720.73 | 21675.05 | 0.33 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.44 | 0.51 | 0.52 | 0.49 | 9.59 | ppb |
| Thallium | 205-1 | 0.45 | 0.47 | 0.47 | 0.46 | 3.16 | ppb |
| Tin | 118-1 | 56.84 | 56.74 | 56.70 | 56.76 | 0.13 | ppb |
| Titanium | 47-1 | 464.24 | 466.23 | 475.51 | 468.66 | 1.28 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:12:37 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.24 | 2.31 | 2.32 | 2.29 | 1.83 | ppb |
| Vanadium | 51-2 | 95.50 | 94.64 | 95.39 | 95.18 | 0.49 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 973.77 | 974.43 | 980.39 | 976.20 | 0.37 | ppb |
| Zirconium | 90-1 | 13.97 | 13.83 | 14.05 | 13.95 | 0.80 | ppb |
| Zirconium | 91-1 | 13.74 | 13.79 | 14.18 | 13.91 | 1.73 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:15:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11568.42 | 11490.06 | 11126.30 | 11394.93 | 2.07 | ppb |
| Antimony | 121-1 | 0.90 | 0.92 | 0.87 | 0.90 | 2.81 | ppb |
| Arsenic | 75-2 | 37.11 | 36.31 | 36.78 | 36.73 | 1.09 | ppb |
| Barium | 135-1 | 280.02 | 292.06 | 277.26 | 283.11 | 2.78 | ppb |
| Barium | 137-1 | 286.62 | 295.37 | 281.57 | 287.85 | 2.42 | ppb |
| Beryllium | 9-1 | 0.87 | 0.90 | 0.86 | 0.88 | 2.67 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 9.66 | 9.54 | 9.43 | 9.54 | 1.21 | ppb |
| Cadmium | 106-1 | 7.70 | 7.19 | 4.27 | 6.38 | 28.94 | ppb |
| Cadmium | 111-1 | 9.39 | 9.65 | 9.14 | 9.40 | 2.70 | ppb |
| Calcium | 43-1 | 9112.14 | 9117.59 | 9397.74 | 9209.15 | 1.77 | ppb |
| Calcium | 44-1 | 9232.73 | 8931.66 | 9048.43 | 9070.94 | 1.67 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 269.29 | 266.82 | 267.37 | 267.83 | 0.48 | ppb |
| Cobalt | 59-2 | 14.13 | 13.79 | 13.90 | 13.94 | 1.22 | ppb |
| Copper | 63-2 | 400.24 | 399.62 | 395.24 | 398.37 | 0.68 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 97 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 31787.62 | 31960.44 | 31724.10 | 31824.05 | 0.38 | ppb |
| Iron | 57-2 | 31662.04 | 31575.23 | 31254.71 | 31497.33 | 0.68 | ppb |
| Iron | 54-2 | 32571.56 | 31833.06 | 31517.20 | 31973.94 | 1.69 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:15:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 934.80 | 959.00 | 952.72 | 948.84 | 1.32 | ppb |
| Lead | 207-1 | 903.47 | 923.07 | 903.25 | 909.93 | 1.25 | ppb |
| Lead | 208-1 | 913.42 | 925.44 | 927.45 | 922.10 | 0.82 | ppb |
| Lithium | 6-1 | | | | 81 | | % |
| Magnesium | 24-2 | 10224.57 | 9494.04 | 9611.24 | 9776.61 | 4.01 | ppb |
| Manganese | 55-2 | 252.07 | 251.64 | 249.29 | 251.00 | 0.60 | ppb |
| Molybdenum | 94-1 | 17.62 | 19.05 | 18.96 | 18.54 | 4.31 | ppb |
| Molybdenum | 95-1 | 3.56 | 3.73 | 3.70 | 3.66 | 2.52 | ppb |
| Molybdenum | 96-1 | 5.49 | 5.32 | 5.51 | 5.44 | 1.98 | ppb |
| Molybdenum | 97-1 | 3.76 | 3.59 | 3.72 | 3.69 | 2.41 | ppb |
| Molybdenum | 98-1 | 3.53 | 3.56 | 3.62 | 3.57 | 1.24 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 114.39 | 111.59 | 109.91 | 111.96 | 2.02 | ppb |
| Phosphorus | 31-2 | 1540.20 | 1576.57 | 1550.14 | 1555.63 | 1.21 | ppb |
| Potassium | 39-2 | 2399.11 | 2399.91 | 2400.89 | 2399.97 | 0.04 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 2.18 | 2.58 | 2.16 | 2.31 | 10.35 | ppb |
| Selenium | 77-2 | 6.50 | 5.67 | 4.97 | 5.72 | 13.41 | ppb |
| Selenium | 78-2 | 2.93 | 2.33 | 2.39 | 2.55 | 12.99 | ppb |
| Silicon | 28-1 | 45.44 | 43.72 | 47.75 | 45.64 | 4.43 | ppb |
| Silver | 107-1 | 6.80 | 7.10 | 6.66 | 6.85 | 3.25 | ppb |
| Silver | 109-1 | 6.71 | 6.92 | 6.73 | 6.79 | 1.72 | ppb |
| Sodium | 23-2 | 7581.97 | 7499.08 | 7405.96 | 7495.67 | 1.17 | ppb |
| Strontium | 86-1 | 64.25 | 67.46 | 66.22 | 65.98 | 2.46 | ppb |
| Strontium | 88-1 | 64.81 | 67.53 | 66.69 | 66.34 | 2.10 | ppb |
| Sulfur | 34-1 | 13939.00 | 13501.16 | 14575.62 | 14005.26 | 3.86 | ppb |
| Terbium | 159-1 | | | | 95 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.32 | 0.32 | 0.35 | 0.33 | 5.40 | ppb |
| Thallium | 205-1 | 0.32 | 0.30 | 0.30 | 0.31 | 3.94 | ppb |
| Tin | 118-1 | 37.87 | 39.64 | 36.82 | 38.11 | 3.73 | ppb |
| Titanium | 47-1 | 325.84 | 321.26 | 335.78 | 327.63 | 2.27 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:15:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.49 | 1.49 | 1.51 | 1.50 | 0.91 | ppb |
| Vanadium | 51-2 | 81.67 | 80.94 | 80.04 | 80.88 | 1.01 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 806.48 | 794.16 | 786.26 | 795.63 | 1.28 | ppb |
| Zirconium | 90-1 | 8.55 | 8.81 | 8.63 | 8.66 | 1.57 | ppb |
| Zirconium | 91-1 | 8.47 | 8.85 | 8.92 | 8.75 | 2.77 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:18:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18476.38 | 18172.25 | 18230.56 | 18293.06 | 0.88 | ppb |
| Antimony | 121-1 | 0.36 | 0.37 | 0.35 | 0.36 | 3.13 | ppb |
| Arsenic | 75-2 | 77.47 | 77.58 | 79.40 | 78.15 | 1.39 | ppb |
| Barium | 135-1 | 468.27 | 460.03 | 462.70 | 463.67 | 0.91 | ppb |
| Barium | 137-1 | 468.89 | 461.62 | 457.60 | 462.71 | 1.24 | ppb |
| Beryllium | 9-1 | 1.24 | 1.25 | 1.20 | 1.23 | 2.09 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 4.20 | 4.00 | 3.80 | 4.00 | 4.98 | ppb |
| Cadmium | 106-1 | 1.52 | 2.13 | 1.92 | 1.86 | 16.91 | ppb |
| Cadmium | 111-1 | 3.61 | 3.65 | 3.60 | 3.62 | 0.81 | ppb |
| Calcium | 43-1 | 9091.29 | 9036.08 | 9116.04 | 9081.14 | 0.45 | ppb |
| Calcium | 44-1 | 8660.62 | 8770.12 | 8817.64 | 8749.46 | 0.92 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 213.10 | 215.83 | 217.80 | 215.57 | 1.10 | ppb |
| Cobalt | 59-2 | 15.51 | 15.66 | 15.76 | 15.64 | 0.81 | ppb |
| Copper | 63-2 | 444.23 | 438.82 | 444.68 | 442.58 | 0.74 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 46861.55 | 46060.44 | 47406.61 | 46776.20 | 1.45 | ppb |
| Iron | 57-2 | 46508.68 | 45314.52 | 46680.52 | 46167.91 | 1.61 | ppb |
| Iron | 54-2 | 46128.86 | 47198.51 | 47529.07 | 46952.15 | 1.56 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:18:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 781.40 | 746.22 | 811.85 | 779.82 | 4.21 | ppb |
| Lead | 207-1 | 745.88 | 727.46 | 783.00 | 752.11 | 3.76 | ppb |
| Lead | 208-1 | 755.10 | 745.05 | 785.85 | 762.00 | 2.79 | ppb |
| Lithium | 6-1 | | | | 82 | | % |
| Magnesium | 24-2 | 9967.29 | 9851.47 | 9854.12 | 9890.96 | 0.67 | ppb |
| Manganese | 55-2 | 540.79 | 539.56 | 549.04 | 543.13 | 0.95 | ppb |
| Molybdenum | 94-1 | 24.25 | 23.73 | 24.72 | 24.23 | 2.03 | ppb |
| Molybdenum | 95-1 | 1.85 | 1.85 | 2.00 | 1.90 | 4.79 | ppb |
| Molybdenum | 96-1 | 4.33 | 4.40 | 4.38 | 4.37 | 0.87 | ppb |
| Molybdenum | 97-1 | 1.75 | 1.92 | 1.83 | 1.83 | 4.78 | ppb |
| Molybdenum | 98-1 | 1.79 | 1.88 | 1.80 | 1.83 | 2.84 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 67.12 | 67.82 | 67.48 | 67.47 | 0.52 | ppb |
| Phosphorus | 31-2 | 2392.45 | 2308.78 | 2361.28 | 2354.17 | 1.80 | ppb |
| Potassium | 39-2 | 4076.39 | 4052.99 | 4073.81 | 4067.73 | 0.32 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 98 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 5.70 | 6.34 | 6.16 | 6.07 | 5.46 | ppb |
| Selenium | 77-2 | 12.76 | 15.20 | 13.44 | 13.80 | 9.12 | ppb |
| Selenium | 78-2 | 6.27 | 7.65 | 8.23 | 7.38 | 13.67 | ppb |
| Silicon | 28-1 | 45.76 | 41.82 | 41.18 | 42.92 | 5.77 | ppb |
| Silver | 107-1 | 5.73 | 5.67 | 5.87 | 5.76 | 1.73 | ppb |
| Silver | 109-1 | 5.63 | 5.57 | 5.58 | 5.59 | 0.55 | ppb |
| Sodium | 23-2 | 6861.37 | 6825.57 | 6883.83 | 6856.93 | 0.43 | ppb |
| Strontium | 86-1 | 69.66 | 69.77 | 71.91 | 70.45 | 1.80 | ppb |
| Strontium | 88-1 | 70.88 | 70.04 | 71.01 | 70.64 | 0.75 | ppb |
| Sulfur | 34-1 | 14582.79 | 14383.11 | 14877.42 | 14614.44 | 1.70 | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.61 | 0.62 | 0.60 | 0.61 | 1.92 | ppb |
| Thallium | 205-1 | 0.58 | 0.61 | 0.59 | 0.59 | 2.71 | ppb |
| Tin | 118-1 | 100.22 | 99.06 | 100.35 | 99.87 | 0.71 | ppb |
| Titanium | 47-1 | 327.56 | 327.76 | 331.02 | 328.78 | 0.59 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:18:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.83 | 1.80 | 1.82 | 1.82 | 0.70 | ppb |
| Vanadium | 51-2 | 61.38 | 61.46 | 61.92 | 61.59 | 0.47 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 741.67 | 748.32 | 746.15 | 745.38 | 0.45 | ppb |
| Zirconium | 90-1 | 12.67 | 12.45 | 12.68 | 12.60 | 1.04 | ppb |
| Zirconium | 91-1 | 12.48 | 12.44 | 12.77 | 12.56 | 1.44 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:22:00 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 23974.39 | 24125.52 | 24582.18 | 24227.36 | 1.31 | ppb |
| Antimony | 121-1 | 0.18 | 0.18 | 0.17 | 0.18 | 3.46 | ppb |
| Arsenic | 75-2 | 93.50 | 94.28 | 92.38 | 93.39 | 1.02 | ppb |
| Barium | 135-1 | 169.00 | 168.10 | 170.61 | 169.23 | 0.75 | ppb |
| Barium | 137-1 | 168.72 | 167.49 | 172.13 | 169.45 | 1.42 | ppb |
| Beryllium | 9-1 | 1.55 | 1.69 | 1.40 | 1.55 | 9.48 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 1.92 | 2.14 | 1.77 | 1.94 | 9.65 | ppb |
| Cadmium | 106-1 | 0.80 | 0.29 | 1.09 | 0.73 | 55.78 | ppb |
| Cadmium | 111-1 | 1.10 | 0.96 | 1.15 | 1.07 | 9.23 | ppb |
| Calcium | 43-1 | 7640.89 | 7768.45 | 7749.64 | 7719.66 | 0.89 | ppb |
| Calcium | 44-1 | 7415.56 | 7383.24 | 7486.09 | 7428.30 | 0.71 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 119.94 | 120.17 | 119.21 | 119.77 | 0.42 | ppb |
| Cobalt | 59-2 | 20.18 | 20.27 | 20.47 | 20.31 | 0.72 | ppb |
| Copper | 63-2 | 298.80 | 296.28 | 296.57 | 297.21 | 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 | | | | 99 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 61446.10 | 60810.67 | 59947.54 | 60734.77 | 1.24 | ppb |
| Iron | 57-2 | 58265.02 | 59196.15 | 59608.85 | 59023.34 | 1.17 | ppb |
| Iron | 54-2 | 62026.34 | 60665.32 | 60886.35 | 61192.67 | 1.19 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:22:00 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 548.69 | 567.86 | 549.08 | 555.21 | 1.97 | ppb |
| Lead | 207-1 | 469.21 | 479.55 | 472.81 | 473.86 | 1.11 | ppb |
| Lead | 208-1 | 530.62 | 536.80 | 528.61 | 532.01 | 0.80 | ppb |
| Lithium | 6-1 | | | | 84 | | % |
| Magnesium | 24-2 | 11431.44 | 11405.13 | 11505.49 | 11447.35 | 0.45 | ppb |
| Manganese | 55-2 | 1249.10 | 1237.28 | 1273.37 | 1253.25 | 1.47 | ppb |
| Molybdenum | 94-1 | 28.53 | 29.10 | 28.96 | 28.87 | 1.03 | ppb |
| Molybdenum | 95-1 | 1.33 | 1.40 | 1.34 | 1.36 | 2.70 | ppb |
| Molybdenum | 96-1 | 4.44 | 4.54 | 4.49 | 4.49 | 1.06 | ppb |
| Molybdenum | 97-1 | 1.33 | 1.47 | 1.34 | 1.38 | 5.46 | ppb |
| Molybdenum | 98-1 | 1.27 | 1.39 | 1.31 | 1.32 | 4.95 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 67.05 | 66.20 | 67.14 | 66.80 | 0.78 | ppb |
| Phosphorus | 31-2 | 2092.07 | 2148.71 | 2100.58 | 2113.79 | 1.44 | ppb |
| Potassium | 39-2 | 4604.66 | 4611.18 | 4595.47 | 4603.77 | 0.17 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 98 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 1.77 | 2.49 | 2.64 | 2.30 | 20.10 | ppb |
| Selenium | 77-2 | 11.04 | 12.32 | 10.13 | 11.16 | 9.86 | ppb |
| Selenium | 78-2 | 3.81 | 3.11 | 3.65 | 3.52 | 10.48 | ppb |
| Silicon | 28-1 | 125.01 | 126.05 | 125.51 | 125.52 | 0.42 | ppb |
| Silver | 107-1 | 1.74 | 1.72 | 1.74 | 1.73 | 0.72 | ppb |
| Silver | 109-1 | 1.75 | 1.69 | 1.66 | 1.70 | 2.60 | ppb |
| Sodium | 23-2 | 5263.85 | 5174.03 | 5220.61 | 5219.50 | 0.86 | ppb |
| Strontium | 86-1 | 62.52 | 63.80 | 63.75 | 63.36 | 1.15 | ppb |
| Strontium | 88-1 | 62.74 | 64.38 | 63.92 | 63.68 | 1.33 | ppb |
| Sulfur | 34-1 | 11114.23 | 11337.05 | 11162.05 | 11204.44 | 1.05 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.32 | 0.30 | 0.34 | 0.32 | 6.98 | ppb |
| Thallium | 205-1 | 0.32 | 0.30 | 0.31 | 0.31 | 4.34 | ppb |
| Tin | 118-1 | 48.06 | 47.99 | 47.82 | 47.96 | 0.26 | ppb |
| Titanium | 47-1 | 405.84 | 420.58 | 415.69 | 414.04 | 1.81 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:22:00 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.37 | 1.46 | 1.44 | 1.42 | 3.22 | ppb |
| Vanadium | 51-2 | 66.04 | 65.81 | 65.47 | 65.77 | 0.44 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 473.10 | 469.57 | 467.23 | 469.96 | 0.63 | ppb |
| Zirconium | 90-1 | 15.41 | 15.52 | 15.65 | 15.53 | 0.79 | ppb |
| Zirconium | 91-1 | 15.36 | 15.41 | 15.42 | 15.40 | 0.21 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUPl | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:25:13 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 25089.53 | 24235.60 | 24001.89 | 24442.34 | 2.34 | ppb |
| Antimony | 121-1 | 0.17 | 0.19 | 0.19 | 0.18 | 6.91 | ppb |
| Arsenic | 75-2 | 95.22 | 95.14 | 93.73 | 94.70 | 0.88 | ppb |
| Barium | 135-1 | 174.54 | 172.52 | 175.34 | 174.14 | 0.83 | ppb |
| Barium | 137-1 | 173.90 | 171.23 | 175.25 | 173.46 | 1.18 | ppb |
| Beryllium | 9-1 | 1.49 | 1.44 | 1.50 | 1.48 | 2.41 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.04 | 1.75 | 1.58 | 1.79 | 13.15 | ppb |
| Cadmium | 106-1 | 1.93 | -0.80 | -0.20 | 0.31 | 461.13 | ppb |
| Cadmium | 111-1 | 1.14 | 1.16 | 1.02 | 1.10 | 6.84 | ppb |
| Calcium | 43-1 | 7772.72 | 7874.28 | 7582.60 | 7743.20 | 1.91 | ppb |
| Calcium | 44-1 | 7565.33 | 7409.84 | 7057.34 | 7344.17 | 3.54 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 122.22 | 121.80 | 118.31 | 120.78 | 1.78 | ppb |
| Cobalt | 59-2 | 20.34 | 20.83 | 20.38 | 20.52 | 1.32 | ppb |
| Copper | 63-2 | 299.51 | 301.59 | 297.20 | 299.43 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 60912.18 | 61344.57 | 59985.80 | 60747.52 | 1.14 | ppb |
| Iron | 57-2 | 60742.65 | 59231.22 | 60000.80 | 59991.56 | 1.26 | ppb |
| Iron | 54-2 | 60847.16 | 60876.53 | 59492.55 | 60405.41 | 1.31 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUPl | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:25:13 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 564.48 | 559.41 | 563.08 | 562.32 | 0.47 | ppb |
| Lead | 207-1 | 470.33 | 466.58 | 476.77 | 471.22 | 1.09 | ppb |
| Lead | 208-1 | 529.24 | 531.99 | 532.13 | 531.12 | 0.31 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 11540.49 | 11522.57 | 11730.75 | 11597.94 | 0.99 | ppb |
| Manganese | 55-2 | 1229.72 | 1222.95 | 1226.26 | 1226.31 | 0.28 | ppb |
| Molybdenum | 94-1 | 28.88 | 29.26 | 28.81 | 28.99 | 0.84 | ppb |
| Molybdenum | 95-1 | 1.36 | 1.44 | 1.37 | 1.39 | 3.06 | ppb |
| Molybdenum | 96-1 | 4.27 | 4.49 | 4.40 | 4.39 | 2.59 | ppb |
| Molybdenum | 97-1 | 1.31 | 1.46 | 1.40 | 1.39 | 5.26 | ppb |
| Molybdenum | 98-1 | 1.30 | 1.32 | 1.30 | 1.31 | 0.60 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 68.70 | 68.14 | 67.01 | 67.95 | 1.27 | ppb |
| Phosphorus | 31-2 | 2125.34 | 2081.32 | 2150.40 | 2119.02 | 1.65 | ppb |
| Potassium | 39-2 | 4541.09 | 4688.51 | 4602.84 | 4610.82 | 1.61 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 97 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 2.51 | 2.10 | 1.98 | 2.20 | 12.72 | ppb |
| Selenium | 77-2 | 10.27 | 10.63 | 13.44 | 11.45 | 15.16 | ppb |
| Selenium | 78-2 | 4.29 | 4.01 | 2.35 | 3.55 | 29.60 | ppb |
| Silicon | 28-1 | 128.74 | 131.02 | 124.58 | 128.11 | 2.55 | ppb |
| Silver | 107-1 | 1.78 | 1.73 | 1.77 | 1.76 | 1.49 | ppb |
| Silver | 109-1 | 1.69 | 1.64 | 1.73 | 1.68 | 2.59 | ppb |
| Sodium | 23-2 | 5244.52 | 5261.68 | 5289.90 | 5265.37 | 0.44 | ppb |
| Strontium | 86-1 | 62.41 | 64.46 | 63.93 | 63.60 | 1.68 | ppb |
| Strontium | 88-1 | 63.12 | 65.18 | 63.64 | 63.98 | 1.67 | ppb |
| Sulfur | 34-1 | 11476.85 | 11660.51 | 10862.84 | 11333.40 | 3.69 | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.28 | 0.33 | 0.31 | 0.31 | 7.78 | ppb |
| Thallium | 205-1 | 0.30 | 0.30 | 0.30 | 0.30 | 0.99 | ppb |
| Tin | 118-1 | 98.27 | 97.26 | 98.98 | 98.17 | 0.88 | ppb |
| Titanium | 47-1 | 416.03 | 421.01 | 408.91 | 415.32 | 1.46 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUPl | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:25:13 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.38 | 1.40 | 1.43 | 1.40 | 1.88 | ppb |
| Vanadium | 51-2 | 67.01 | 66.06 | 65.95 | 66.34 | 0.88 | ppb |
| Yttrium | 89-1 | | | | 103 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 474.70 | 475.64 | 465.73 | 472.02 | 1.16 | ppb |
| Zirconium | 90-1 | 15.41 | 15.81 | 15.47 | 15.57 | 1.39 | ppb |
| Zirconium | 91-1 | 15.47 | 15.86 | 15.47 | 15.60 | 1.42 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015LDL | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 19:28:22 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4872.72 | 4861.62 | 4731.21 | 4821.85 | 1.63 | ppb |
| Antimony | 121-1 | 0.03 | 0.03 | 0.03 | 0.03 | 4.08 | ppb |
| Arsenic | 75-2 | 18.71 | 18.56 | 18.93 | 18.73 | 0.98 | ppb |
| Barium | 135-1 | 33.36 | 33.90 | 32.66 | 33.31 | 1.86 | ppb |
| Barium | 137-1 | 33.21 | 34.17 | 33.38 | 33.59 | 1.52 | ppb |
| Beryllium | 9-1 | 0.36 | 0.33 | 0.38 | 0.36 | 8.15 | ppb |
| Bismuth | 209-1 | | | | 93 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.45 | 0.67 | 0.48 | 0.53 | 22.81 | ppb |
| Cadmium | 106-1 | -1.51 | -2.93 | -3.10 | -2.52 | | ppb |
| Cadmium | 111-1 | 0.12 | -0.01 | -0.04 | 0.03 | 334.25 | ppb |
| Calcium | 43-1 | 1539.49 | 1582.83 | 1576.32 | 1566.21 | 1.49 | ppb |
| Calcium | 44-1 | 1540.55 | 1588.97 | 1558.43 | 1562.65 | 1.57 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 24.61 | 24.05 | 23.81 | 24.16 | 1.70 | ppb |
| Cobalt | 59-2 | 4.26 | 4.09 | 4.10 | 4.15 | 2.21 | ppb |
| Copper | 63-2 | 61.49 | 60.91 | 58.92 | 60.44 | 2.23 | 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 | | | | 95 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 12267.79 | 12254.11 | 11903.01 | 12141.63 | 1.70 | ppb |
| Iron | 57-2 | 12350.69 | 12182.40 | 12024.62 | 12185.90 | 1.34 | ppb |
| Iron | 54-2 | 12584.44 | 12091.06 | 12217.33 | 12297.61 | 2.08 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015LDL | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 19:28:22 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 100.00 | 98.15 | 100.45 | 99.53 | 1.23 | ppb |
| Lead | 207-1 | 92.77 | 93.43 | 94.59 | 93.60 | 0.98 | ppb |
| Lead | 208-1 | 95.13 | 95.42 | 96.86 | 95.80 | 0.96 | ppb |
| Lithium | 6-1 | | | | 80 | | % |
| Magnesium | 24-2 | 2301.94 | 2291.81 | 2227.76 | 2273.84 | 1.77 | ppb |
| Manganese | 55-2 | 244.68 | 247.72 | 239.81 | 244.07 | 1.64 | ppb |
| Molybdenum | 94-1 | 5.90 | 6.01 | 5.94 | 5.95 | 0.95 | ppb |
| Molybdenum | 95-1 | 0.28 | 0.26 | 0.26 | 0.27 | 5.29 | ppb |
| Molybdenum | 96-1 | 0.87 | 0.88 | 0.93 | 0.89 | 3.80 | ppb |
| Molybdenum | 97-1 | 0.26 | 0.24 | 0.27 | 0.26 | 4.40 | ppb |
| Molybdenum | 98-1 | 0.26 | 0.26 | 0.28 | 0.27 | 4.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 14.01 | 13.49 | 13.47 | 13.65 | 2.24 | ppb |
| Phosphorus | 31-2 | 380.19 | 421.16 | 378.62 | 393.32 | 6.13 | ppb |
| Potassium | 39-2 | 991.59 | 1000.89 | 964.23 | 985.57 | 1.93 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.53 | 0.27 | 0.82 | 0.54 | 50.34 | ppb |
| Selenium | 77-2 | 1.31 | 1.56 | 1.30 | 1.39 | 10.45 | ppb |
| Selenium | 78-2 | 1.21 | 2.20 | 1.42 | 1.61 | 32.40 | ppb |
| Silicon | 28-1 | 28.90 | 30.67 | 30.43 | 30.00 | 3.20 | ppb |
| Silver | 107-1 | 0.34 | 0.33 | 0.34 | 0.34 | 2.80 | ppb |
| Silver | 109-1 | 0.34 | 0.36 | 0.33 | 0.34 | 4.41 | ppb |
| Sodium | 23-2 | 1072.99 | 1073.17 | 1048.01 | 1064.72 | 1.36 | ppb |
| Strontium | 86-1 | 13.03 | 13.32 | 13.00 | 13.12 | 1.32 | ppb |
| Strontium | 88-1 | 13.04 | 13.32 | 13.23 | 13.20 | 1.07 | ppb |
| Sulfur | 34-1 | 948.17 | 1158.42 | 988.45 | 1031.68 | 10.82 | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.05 | 0.06 | 0.05 | 0.06 | 9.12 | ppb |
| Thallium | 205-1 | 0.05 | 0.04 | 0.05 | 0.04 | 5.61 | ppb |
| Tin | 118-1 | 14.32 | 14.43 | 14.36 | 14.37 | 0.39 | ppb |
| Titanium | 47-1 | 83.67 | 85.67 | 84.41 | 84.58 | 1.19 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015LDL | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 19:28:22 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.26 | 0.26 | 0.26 | 0.26 | 0.58 | ppb |
| Vanadium | 51-2 | 13.51 | 13.45 | 12.98 | 13.31 | 2.21 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 97.08 | 97.31 | 94.39 | 96.26 | 1.69 | ppb |
| Zirconium | 90-1 | 3.11 | 3.18 | 3.11 | 3.13 | 1.40 | ppb |
| Zirconium | 91-1 | 3.15 | 3.32 | 3.21 | 3.23 | 2.65 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:31:41 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21501.03 | 22018.73 | 21655.69 | 21725.15 | 1.22 | ppb |
| Antimony | 121-1 | 92.63 | 93.59 | 92.83 | 93.02 | 0.55 | ppb |
| Arsenic | 75-2 | 78.21 | 74.90 | 75.49 | 76.20 | 2.32 | ppb |
| Barium | 135-1 | 539.69 | 542.53 | 535.52 | 539.24 | 0.65 | ppb |
| Barium | 137-1 | 534.93 | 541.70 | 539.10 | 538.57 | 0.63 | ppb |
| Beryllium | 9-1 | 96.35 | 99.08 | 98.54 | 97.99 | 1.48 | ppb |
| Bismuth | 209-1 | | | | 92 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 93.43 | 93.11 | 90.00 | 92.18 | 2.06 | ppb |
| Cadmium | 106-1 | 93.61 | 97.05 | 89.56 | 93.40 | 4.02 | ppb |
| Cadmium | 111-1 | 94.91 | 98.75 | 94.62 | 96.10 | 2.40 | ppb |
| Calcium | 43-1 | 15983.60 | 16184.76 | 15982.53 | 16050.30 | 0.73 | ppb |
| Calcium | 44-1 | 15460.37 | 15685.64 | 15636.29 | 15594.10 | 0.76 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 187.95 | 188.10 | 186.59 | 187.55 | 0.44 | ppb |
| Cobalt | 59-2 | 111.06 | 109.20 | 108.40 | 109.55 | 1.24 | ppb |
| Copper | 63-2 | 1141.44 | 1125.06 | 1134.44 | 1133.64 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 53182.10 | 53643.15 | 53463.45 | 53429.56 | 0.43 | ppb |
| Iron | 57-2 | 52343.16 | 52508.30 | 51667.64 | 52173.03 | 0.85 | ppb |
| Iron | 54-2 | 53914.41 | 52832.60 | 52429.30 | 53058.77 | 1.45 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:31:41 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 914.82 | 905.90 | 916.44 | 912.39 | 0.62 | ppb |
| Lead | 207-1 | 900.13 | 885.07 | 894.23 | 893.15 | 0.85 | ppb |
| Lead | 208-1 | 903.16 | 903.09 | 910.99 | 905.75 | 0.50 | ppb |
| Lithium | 6-1 | | | | 82 | | % |
| Magnesium | 24-2 | 19244.28 | 19248.14 | 19195.68 | 19229.37 | 0.15 | ppb |
| Manganese | 55-2 | 1914.26 | 1912.14 | 1907.68 | 1911.36 | 0.18 | ppb |
| Molybdenum | 94-1 | 417.08 | 430.30 | 421.08 | 422.82 | 1.60 | ppb |
| Molybdenum | 95-1 | 301.97 | 312.78 | 303.20 | 305.98 | 1.93 | ppb |
| Molybdenum | 96-1 | 312.56 | 329.29 | 318.57 | 320.14 | 2.65 | ppb |
| Molybdenum | 97-1 | 306.09 | 319.15 | 311.60 | 312.28 | 2.10 | ppb |
| Molybdenum | 98-1 | 303.40 | 314.41 | 305.24 | 307.68 | 1.92 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 145.93 | 145.62 | 143.94 | 145.16 | 0.74 | ppb |
| Phosphorus | 31-2 | 1888.06 | 1875.50 | 1866.46 | 1876.68 | 0.58 | ppb |
| Potassium | 39-2 | 8133.46 | 8231.42 | 8196.36 | 8187.08 | 0.61 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 91.48 | 93.21 | 89.62 | 91.44 | 1.96 | ppb |
| Selenium | 77-2 | 96.89 | 97.16 | 105.56 | 99.87 | 4.94 | ppb |
| Selenium | 78-2 | 92.37 | 92.70 | 94.43 | 93.17 | 1.19 | ppb |
| Silicon | 28-1 | 38.86 | 38.39 | 36.75 | 38.00 | 2.91 | ppb |
| Silver | 107-1 | 16.77 | 17.45 | 16.72 | 16.98 | 2.39 | ppb |
| Silver | 109-1 | 16.62 | 16.91 | 16.62 | 16.72 | 1.01 | ppb |
| Sodium | 23-2 | 13640.77 | 13661.70 | 13826.52 | 13709.66 | 0.74 | ppb |
| Strontium | 86-1 | 147.13 | 153.78 | 149.80 | 150.23 | 2.23 | ppb |
| Strontium | 88-1 | 152.85 | 161.01 | 154.56 | 156.14 | 2.76 | ppb |
| Sulfur | 34-1 | 8221.01 | 8511.42 | 8273.27 | 8335.23 | 1.86 | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 85.58 | 85.97 | 85.00 | 85.52 | 0.58 | ppb |
| Thallium | 205-1 | 85.78 | 85.34 | 85.50 | 85.54 | 0.26 | ppb |
| Tin | 118-1 | 119.16 | 121.67 | 119.82 | 120.22 | 1.08 | ppb |
| Titanium | 47-1 | 303.29 | 312.62 | 310.71 | 308.87 | 1.60 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:31:41 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 77.02 | 78.00 | 78.21 | 77.74 | 0.81 | ppb |
| Vanadium | 51-2 | 147.60 | 147.76 | 147.99 | 147.78 | 0.13 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 1284.30 | 1280.40 | 1303.11 | 1289.27 | 0.94 | ppb |
| Zirconium | 90-1 | 94.96 | 97.80 | 94.72 | 95.83 | 1.79 | ppb |
| Zirconium | 91-1 | 94.37 | 97.98 | 94.83 | 95.73 | 2.05 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:34:48 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 22139.96 | 22418.83 | 22154.75 | 22237.84 | 0.71 | ppb |
| Antimony | 121-1 | 92.60 | 96.71 | 96.55 | 95.29 | 2.44 | ppb |
| Arsenic | 75-2 | 79.26 | 77.88 | 81.19 | 79.44 | 2.09 | ppb |
| Barium | 135-1 | 540.52 | 561.09 | 554.54 | 552.05 | 1.90 | ppb |
| Barium | 137-1 | 532.20 | 560.20 | 556.19 | 549.53 | 2.75 | ppb |
| Beryllium | 9-1 | 102.14 | 101.51 | 100.22 | 101.29 | 0.96 | ppb |
| Bismuth | 209-1 | | | | 91 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 93.13 | 99.99 | 96.80 | 96.64 | 3.55 | ppb |
| Cadmium | 106-1 | 96.19 | 99.14 | 99.08 | 98.14 | 1.72 | ppb |
| Cadmium | 111-1 | 96.35 | 99.36 | 98.65 | 98.12 | 1.61 | ppb |
| Calcium | 43-1 | 16255.18 | 16159.61 | 16424.85 | 16279.88 | 0.83 | ppb |
| Calcium | 44-1 | 15630.64 | 15633.67 | 15891.64 | 15718.65 | 0.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 195.02 | 190.79 | 192.06 | 192.62 | 1.13 | ppb |
| Cobalt | 59-2 | 112.01 | 112.37 | 111.92 | 112.10 | 0.21 | ppb |
| Copper | 63-2 | 1163.62 | 1169.89 | 1171.07 | 1168.19 | 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 | | | | 96 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 55224.97 | 54664.50 | 54368.76 | 54752.74 | 0.79 | ppb |
| Iron | 57-2 | 54252.19 | 54260.54 | 53893.00 | 54135.25 | 0.39 | ppb |
| Iron | 54-2 | 55796.04 | 54330.10 | 55068.53 | 55064.89 | 1.33 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:34:48 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 941.53 | 929.83 | 971.62 | 947.66 | 2.27 | ppb |
| Lead | 207-1 | 958.02 | 901.39 | 918.15 | 925.85 | 3.14 | ppb |
| Lead | 208-1 | 947.23 | 911.29 | 937.33 | 931.95 | 1.99 | ppb |
| Lithium | 6-1 | | | | 81 | | % |
| Magnesium | 24-2 | 20184.66 | 19516.13 | 19771.11 | 19823.97 | 1.70 | ppb |
| Manganese | 55-2 | 2017.56 | 1960.54 | 1952.95 | 1977.02 | 1.79 | ppb |
| Molybdenum | 94-1 | 430.23 | 447.07 | 438.02 | 438.44 | 1.92 | ppb |
| Molybdenum | 95-1 | 307.55 | 322.39 | 317.97 | 315.97 | 2.41 | ppb |
| Molybdenum | 96-1 | 326.25 | 342.41 | 333.74 | 334.13 | 2.42 | ppb |
| Molybdenum | 97-1 | 312.68 | 326.23 | 323.96 | 320.96 | 2.26 | ppb |
| Molybdenum | 98-1 | 305.80 | 323.91 | 318.70 | 316.14 | 2.95 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 148.60 | 147.93 | 149.62 | 148.72 | 0.57 | ppb |
| Phosphorus | 31-2 | 1838.03 | 1878.55 | 1849.11 | 1855.23 | 1.13 | ppb |
| Potassium | 39-2 | 8196.95 | 8543.83 | 8531.31 | 8424.03 | 2.34 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 93.42 | 99.11 | 95.21 | 95.91 | 3.03 | ppb |
| Selenium | 77-2 | 111.86 | 93.34 | 104.24 | 103.15 | 9.02 | ppb |
| Selenium | 78-2 | 95.74 | 95.86 | 99.75 | 97.11 | 2.35 | ppb |
| Silicon | 28-1 | 38.30 | 37.30 | 38.60 | 38.07 | 1.79 | ppb |
| Silver | 107-1 | 16.79 | 17.57 | 17.66 | 17.34 | 2.76 | ppb |
| Silver | 109-1 | 16.88 | 17.42 | 17.34 | 17.21 | 1.71 | ppb |
| Sodium | 23-2 | 14268.21 | 14212.99 | 14277.94 | 14253.05 | 0.25 | ppb |
| Strontium | 86-1 | 151.53 | 157.46 | 155.98 | 154.99 | 1.99 | ppb |
| Strontium | 88-1 | 158.34 | 163.33 | 158.67 | 160.11 | 1.75 | ppb |
| Sulfur | 34-1 | 8702.10 | 8467.06 | 8758.41 | 8642.52 | 1.79 | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 89.15 | 87.90 | 89.46 | 88.84 | 0.93 | ppb |
| Thallium | 205-1 | 89.56 | 87.19 | 90.17 | 88.97 | 1.77 | ppb |
| Tin | 118-1 | 119.34 | 126.03 | 124.52 | 123.30 | 2.85 | ppb |
| Titanium | 47-1 | 310.24 | 312.21 | 321.27 | 314.57 | 1.87 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:34:48 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 79.88 | 77.58 | 80.64 | 79.37 | 2.01 | ppb |
| Vanadium | 51-2 | 151.76 | 150.80 | 151.88 | 151.48 | 0.39 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 1317.91 | 1315.12 | 1330.66 | 1321.23 | 0.63 | ppb |
| Zirconium | 90-1 | 96.76 | 100.47 | 97.39 | 98.21 | 2.02 | ppb |
| Zirconium | 91-1 | 96.44 | 100.79 | 98.70 | 98.64 | 2.21 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015ADL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:37:53 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20198.78 | 20877.06 | 20702.01 | 20592.62 | 1.71 | ppb |
| Antimony | 121-1 | 91.33 | 90.70 | 90.97 | 91.00 | 0.35 | ppb |
| Arsenic | 75-2 | 69.11 | 69.54 | 69.62 | 69.42 | 0.40 | ppb |
| Barium | 135-1 | 528.65 | 513.29 | 523.09 | 521.68 | 1.49 | ppb |
| Barium | 137-1 | 527.67 | 526.05 | 522.09 | 525.27 | 0.55 | ppb |
| Beryllium | 9-1 | 97.65 | 99.45 | 99.68 | 98.92 | 1.12 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 92.90 | 90.30 | 93.19 | 92.13 | 1.73 | ppb |
| Cadmium | 106-1 | 90.88 | 93.38 | 89.70 | 91.32 | 2.06 | ppb |
| Cadmium | 111-1 | 94.67 | 93.72 | 93.13 | 93.84 | 0.82 | ppb |
| Calcium | 43-1 | 15469.59 | 16007.19 | 15726.30 | 15734.36 | 1.71 | ppb |
| Calcium | 44-1 | 14940.27 | 15358.22 | 14994.68 | 15097.72 | 1.51 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 178.81 | 181.12 | 179.97 | 179.97 | 0.64 | ppb |
| Cobalt | 59-2 | 107.51 | 110.89 | 107.76 | 108.72 | 1.73 | ppb |
| Copper | 63-2 | 1096.53 | 1139.02 | 1091.72 | 1109.09 | 2.35 | 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 | | | | 95 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 49668.15 | 49243.76 | 49179.71 | 49363.87 | 0.54 | ppb |
| Iron | 57-2 | 48050.15 | 48224.11 | 49107.17 | 48460.48 | 1.17 | ppb |
| Iron | 54-2 | 48765.54 | 49232.90 | 49386.48 | 49128.31 | 0.66 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015ADL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:37:53 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 893.82 | 871.61 | 889.93 | 885.12 | 1.34 | ppb |
| Lead | 207-1 | 834.34 | 815.73 | 855.47 | 835.18 | 2.38 | ppb |
| Lead | 208-1 | 867.92 | 836.25 | 868.87 | 857.68 | 2.16 | ppb |
| Lithium | 6-1 | | | | 82 | | % |
| Magnesium | 24-2 | 18943.04 | 18908.31 | 18428.97 | 18760.11 | 1.53 | ppb |
| Manganese | 55-2 | 1844.43 | 1857.00 | 1851.33 | 1850.92 | 0.34 | ppb |
| Molybdenum | 94-1 | 433.30 | 431.30 | 427.12 | 430.57 | 0.73 | ppb |
| Molybdenum | 95-1 | 312.47 | 314.22 | 310.87 | 312.52 | 0.54 | ppb |
| Molybdenum | 96-1 | 329.40 | 334.28 | 328.57 | 330.75 | 0.93 | ppb |
| Molybdenum | 97-1 | 318.05 | 318.68 | 316.42 | 317.72 | 0.37 | ppb |
| Molybdenum | 98-1 | 312.44 | 310.33 | 307.29 | 310.02 | 0.84 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 140.44 | 145.72 | 141.89 | 142.68 | 1.91 | ppb |
| Phosphorus | 31-2 | 1755.71 | 1722.58 | 1701.32 | 1726.53 | 1.59 | ppb |
| Potassium | 39-2 | 8020.71 | 8106.18 | 8106.03 | 8077.64 | 0.61 | ppb |
| Rhodium | 103-1 | | | | 93 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 93.05 | 93.98 | 94.27 | 93.77 | 0.68 | ppb |
| Selenium | 77-2 | 109.57 | 98.20 | 105.70 | 104.49 | 5.53 | ppb |
| Selenium | 78-2 | 97.47 | 87.65 | 97.09 | 94.07 | 5.91 | ppb |
| Silicon | 28-1 | 52.12 | 55.04 | 52.95 | 53.37 | 2.82 | ppb |
| Silver | 107-1 | 16.62 | 16.37 | 16.66 | 16.55 | 0.95 | ppb |
| Silver | 109-1 | 16.54 | 16.52 | 16.01 | 16.36 | 1.85 | ppb |
| Sodium | 23-2 | 13444.36 | 13670.63 | 13558.30 | 13557.76 | 0.83 | ppb |
| Strontium | 86-1 | 147.97 | 146.57 | 145.03 | 146.52 | 1.01 | ppb |
| Strontium | 88-1 | 155.05 | 154.78 | 154.70 | 154.84 | 0.12 | ppb |
| Sulfur | 34-1 | 7151.23 | 7504.62 | 7262.23 | 7306.02 | 2.47 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 83.00 | 84.14 | 87.81 | 84.98 | 2.96 | ppb |
| Thallium | 205-1 | 85.40 | 84.12 | 87.69 | 85.74 | 2.11 | ppb |
| Tin | 118-1 | 116.78 | 114.88 | 116.89 | 116.18 | 0.97 | ppb |
| Titanium | 47-1 | 306.31 | 312.46 | 306.18 | 308.32 | 1.16 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015ADL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:37:53 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 76.03 | 77.14 | 79.48 | 77.55 | 2.27 | ppb |
| Vanadium | 51-2 | 142.89 | 146.01 | 144.90 | 144.60 | 1.10 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 1258.02 | 1285.31 | 1269.18 | 1270.84 | 1.08 | ppb |
| Zirconium | 90-1 | 95.41 | 96.01 | 94.27 | 95.23 | 0.93 | ppb |
| Zirconium | 91-1 | 94.95 | 96.71 | 95.32 | 95.66 | 0.97 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:41:00 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11592.13 | 11698.69 | 11687.81 | 11659.54 | 0.50 | ppb |
| Antimony | 121-1 | 0.36 | 0.41 | 0.39 | 0.39 | 6.44 | ppb |
| Arsenic | 75-2 | 24.83 | 25.15 | 24.76 | 24.91 | 0.83 | ppb |
| Barium | 135-1 | 209.54 | 206.29 | 209.64 | 208.49 | 0.92 | ppb |
| Barium | 137-1 | 206.03 | 208.00 | 206.79 | 206.94 | 0.48 | ppb |
| Beryllium | 9-1 | 1.35 | 1.39 | 1.43 | 1.39 | 2.83 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 10.52 | 11.64 | 10.57 | 10.91 | 5.83 | ppb |
| Cadmium | 106-1 | 7.67 | 8.80 | 6.47 | 7.64 | 15.25 | ppb |
| Cadmium | 111-1 | 9.98 | 9.68 | 9.85 | 9.83 | 1.53 | ppb |
| Calcium | 43-1 | 5914.80 | 6000.24 | 5997.46 | 5970.83 | 0.81 | ppb |
| Calcium | 44-1 | 5560.65 | 5792.90 | 5806.92 | 5720.15 | 2.42 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 259.23 | 257.86 | 257.77 | 258.29 | 0.32 | ppb |
| Cobalt | 59-2 | 14.74 | 14.76 | 14.47 | 14.66 | 1.10 | ppb |
| Copper | 63-2 | 344.10 | 343.55 | 344.07 | 343.91 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 95 | | % |
| Iron | 56-2 | 32070.12 | 32716.24 | 32489.33 | 32425.23 | 1.01 | ppb |
| Iron | 57-2 | 31152.48 | 31608.32 | 30909.60 | 31223.47 | 1.14 | ppb |
| Iron | 54-2 | 32300.11 | 31905.32 | 32512.18 | 32239.20 | 0.96 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:41:00 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 527.81 | 541.41 | 530.23 | 533.15 | 1.36 | ppb |
| Lead | 207-1 | 440.14 | 454.73 | 443.49 | 446.12 | 1.71 | ppb |
| Lead | 208-1 | 497.42 | 510.35 | 496.92 | 501.56 | 1.52 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 8561.96 | 8125.76 | 8397.69 | 8361.80 | 2.63 | ppb |
| Manganese | 55-2 | 281.66 | 280.71 | 281.37 | 281.25 | 0.17 | ppb |
| Molybdenum | 94-1 | 20.69 | 20.97 | 21.08 | 20.92 | 0.96 | ppb |
| Molybdenum | 95-1 | 4.08 | 4.07 | 4.16 | 4.10 | 1.23 | ppb |
| Molybdenum | 96-1 | 5.96 | 5.91 | 5.99 | 5.95 | 0.68 | ppb |
| Molybdenum | 97-1 | 4.21 | 4.28 | 4.26 | 4.25 | 0.90 | ppb |
| Molybdenum | 98-1 | 4.18 | 4.16 | 4.12 | 4.16 | 0.80 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 89.50 | 89.82 | 88.88 | 89.40 | 0.53 | ppb |
| Phosphorus | 31-2 | 1246.83 | 1240.47 | 1237.58 | 1241.63 | 0.38 | ppb |
| Potassium | 39-2 | 2676.37 | 2667.12 | 2679.65 | 2674.38 | 0.24 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 2.31 | 1.42 | 2.04 | 1.92 | 23.77 | ppb |
| Selenium | 77-2 | 5.71 | 7.59 | 8.21 | 7.17 | 18.18 | ppb |
| Selenium | 78-2 | 2.14 | 1.58 | 3.04 | 2.25 | 32.78 | ppb |
| Silicon | 28-1 | 39.91 | 39.82 | 39.02 | 39.58 | 1.24 | ppb |
| Silver | 107-1 | 6.44 | 6.40 | 6.44 | 6.43 | 0.32 | ppb |
| Silver | 109-1 | 6.20 | 6.26 | 6.31 | 6.26 | 0.88 | ppb |
| Sodium | 23-2 | 7478.37 | 7498.84 | 7318.33 | 7431.84 | 1.33 | ppb |
| Strontium | 86-1 | 52.77 | 53.05 | 53.99 | 53.27 | 1.20 | ppb |
| Strontium | 88-1 | 53.09 | 52.99 | 54.31 | 53.46 | 1.38 | ppb |
| Sulfur | 34-1 | 13388.03 | 13441.29 | 13275.82 | 13368.38 | 0.63 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.35 | 0.33 | 0.36 | 0.35 | 4.96 | ppb |
| Thallium | 205-1 | 0.34 | 0.37 | 0.33 | 0.35 | 5.59 | ppb |
| Tin | 118-1 | 38.81 | 38.50 | 38.87 | 38.73 | 0.52 | ppb |
| Titanium | 47-1 | 344.14 | 348.39 | 343.90 | 345.48 | 0.73 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:41:00 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.66 | 1.69 | 1.67 | 1.67 | 1.11 | ppb |
| Vanadium | 51-2 | 55.28 | 54.48 | 54.62 | 54.79 | 0.78 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 706.05 | 710.73 | 706.83 | 707.87 | 0.35 | ppb |
| Zirconium | 90-1 | 9.69 | 9.69 | 9.83 | 9.74 | 0.80 | ppb |
| Zirconium | 91-1 | 9.78 | 9.75 | 9.69 | 9.74 | 0.47 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:44:13 | DataFile Name : | 119CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 49999.70 | 50543.29 | 49956.88 | 50166.62 | 0.65 | ppb |
| Antimony | 121-1 | 510.81 | 504.99 | 521.21 | 512.34 | 1.60 | ppb |
| Arsenic | 75-2 | 486.44 | 494.11 | 478.58 | 486.38 | 1.60 | ppb |
| Barium | 135-1 | 2557.55 | 2545.11 | 2611.31 | 2571.32 | 1.37 | ppb |
| Barium | 137-1 | 2548.57 | 2529.81 | 2539.34 | 2539.24 | 0.37 | ppb |
| Beryllium | 9-1 | 514.49 | 513.78 | 509.82 | 512.70 | 0.49 | ppb |
| Bismuth | 209-1 | | | | 93 | | % |
| Bismuth | 209-2 | | | | 89 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 488.21 | 479.81 | 492.95 | 486.99 | 1.37 | ppb |
| Cadmium | 106-1 | 493.22 | 489.66 | 487.46 | 490.11 | 0.59 | ppb |
| Cadmium | 111-1 | 484.61 | 477.54 | 486.12 | 482.75 | 0.95 | ppb |
| Calcium | 43-1 | 257067.43 | 260191.60 | 259064.48 | 258774.50 | 0.61 | ppb |
| Calcium | 44-1 | 257896.53 | 253722.45 | 257673.86 | 256430.95 | 0.92 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 508.42 | 501.49 | 500.95 | 503.62 | 0.83 | ppb |
| Cobalt | 59-2 | 511.31 | 504.57 | 508.38 | 508.08 | 0.67 | ppb |
| Copper | 63-2 | 5200.67 | 5011.26 | 5145.37 | 5119.10 | 1.90 | 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 | | | | 100 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 137877.74 | 130811.69 | 131249.87 | 133313.10 | 2.97 | ppb |
| Iron | 57-2 | 134840.30 | 131680.85 | 130661.76 | 132394.30 | 1.65 | ppb |
| Iron | 54-2 | 136950.12 | 127840.55 | 132543.78 | 132444.81 | 3.44 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:44:13 | DataFile Name : | 119CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2572.84 | 2588.93 | 2585.91 | 2582.56 | 0.33 | ppb |
| Lead | 207-1 | 2529.51 | 2553.88 | 2481.02 | 2521.47 | 1.47 | ppb |
| Lead | 208-1 | 2585.46 | 2573.30 | 2528.93 | 2562.56 | 1.16 | ppb |
| Lithium | 6-1 | | | | 84 | | % |
| Magnesium | 24-2 | 250258.83 | 261566.46 | 252421.82 | 254749.03 | 2.36 | ppb |
| Manganese | 55-2 | 5146.35 | 5011.74 | 5103.30 | 5087.13 | 1.35 | ppb |
| Molybdenum | 94-1 | 4897.02 | 5075.39 | 5083.28 | 5018.56 | 2.10 | ppb |
| Molybdenum | 95-1 | 4900.21 | 5133.63 | 5055.20 | 5029.68 | 2.36 | ppb |
| Molybdenum | 96-1 | 4869.62 | 5092.34 | 5064.90 | 5008.96 | 2.42 | ppb |
| Molybdenum | 97-1 | 4848.62 | 5124.21 | 5061.69 | 5011.51 | 2.88 | ppb |
| Molybdenum | 98-1 | 4914.41 | 5055.24 | 5052.23 | 5007.29 | 1.61 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 498.60 | 487.67 | 488.55 | 491.61 | 1.23 | ppb |
| Phosphorus | 31-2 | 9951.73 | 9943.92 | 9793.05 | 9896.23 | 0.90 | ppb |
| Potassium | 39-2 | 129232.08 | 127093.12 | 126522.91 | 127616.03 | 1.12 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 463.91 | 475.72 | 479.41 | 473.01 | 1.71 | ppb |
| Selenium | 77-2 | 470.18 | 478.85 | 463.80 | 470.94 | 1.60 | ppb |
| Selenium | 78-2 | 469.36 | 469.81 | 471.11 | 470.09 | 0.19 | ppb |
| Silicon | 28-1 | 532.11 | 534.82 | 535.11 | 534.02 | 0.31 | ppb |
| Silver | 107-1 | 504.44 | 501.10 | 507.32 | 504.29 | 0.62 | ppb |
| Silver | 109-1 | 502.58 | 489.32 | 515.29 | 502.40 | 2.58 | ppb |
| Sodium | 23-2 | 258608.32 | 250828.66 | 257412.82 | 255616.60 | 1.64 | ppb |
| Strontium | 86-1 | 479.70 | 499.96 | 498.57 | 492.74 | 2.30 | ppb |
| Strontium | 88-1 | 503.41 | 524.81 | 512.20 | 513.47 | 2.09 | ppb |
| Sulfur | 34-1 | 10088.68 | 9980.40 | 10186.15 | 10085.08 | 1.02 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 513.73 | 522.45 | 502.80 | 512.99 | 1.92 | ppb |
| Thallium | 205-1 | 530.39 | 520.49 | 523.92 | 524.93 | 0.96 | ppb |
| Tin | 118-1 | 502.38 | 515.51 | 512.03 | 509.97 | 1.33 | ppb |
| Titanium | 47-1 | 5178.01 | 5175.42 | 5266.13 | 5206.52 | 0.99 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:44:13 | DataFile Name : | 119CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 495.48 | 502.18 | 491.46 | 496.37 | 1.09 | ppb |
| Vanadium | 51-2 | 514.20 | 511.81 | 504.80 | 510.27 | 0.96 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 95 | | % |
| Zinc | 66-2 | 5014.38 | 4971.86 | 4861.95 | 4949.40 | 1.59 | ppb |
| Zirconium | 90-1 | 498.12 | 512.53 | 512.90 | 507.85 | 1.66 | ppb |
| Zirconium | 91-1 | 479.22 | 497.78 | 500.44 | 492.48 | 2.35 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:52:23 | DataFile Name : | 120CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.06 | -0.15 | -0.02 | -0.07 | | ppb |
| Antimony | 121-1 | 0.06 | 0.07 | 0.06 | 0.06 | 9.04 | ppb |
| Arsenic | 75-2 | -0.02 | -0.01 | -0.03 | -0.02 | | ppb |
| Barium | 135-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Barium | 137-1 | -0.02 | -0.01 | 0.00 | -0.01 | | ppb |
| Beryllium | 9-1 | 0.01 | 0.00 | 0.02 | 0.01 | 93.46 | ppb |
| Bismuth | 209-1 | | | | 93 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.05 | -0.13 | -0.13 | -0.10 | | ppb |
| Cadmium | 106-1 | -3.98 | -3.73 | -3.70 | -3.80 | | ppb |
| Cadmium | 111-1 | -0.28 | -0.24 | -0.25 | -0.26 | | ppb |
| Calcium | 43-1 | -0.20 | -3.13 | -1.06 | -1.46 | | ppb |
| Calcium | 44-1 | 3.51 | 4.83 | 5.97 | 4.77 | 25.83 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.02 | -0.01 | -0.06 | -0.03 | | ppb |
| Cobalt | 59-2 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Copper | 63-2 | 0.06 | 0.07 | 0.04 | 0.06 | 23.66 | 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 | | | | 93 | | % |
| Holmium | 165-2 | | | | 95 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 1.95 | 1.95 | 1.85 | 1.92 | 3.08 | ppb |
| Iron | 57-2 | 3.11 | 4.17 | 4.43 | 3.90 | 17.98 | ppb |
| Iron | 54-2 | 2.04 | 1.91 | 1.34 | 1.76 | 20.95 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:52:23 | DataFile Name : | 120CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.06 | 0.06 | 0.08 | 0.07 | 21.67 | ppb |
| Lead | 207-1 | 0.07 | 0.07 | 0.08 | 0.07 | 8.69 | ppb |
| Lead | 208-1 | 0.06 | 0.07 | 0.07 | 0.07 | 10.51 | ppb |
| Lithium | 6-1 | | | | 78 | | % |
| Magnesium | 24-2 | 0.27 | 0.66 | 0.33 | 0.42 | 49.44 | ppb |
| Manganese | 55-2 | 0.00 | -0.04 | -0.04 | -0.03 | | ppb |
| Molybdenum | 94-1 | 0.03 | 0.03 | 0.04 | 0.03 | 10.87 | ppb |
| Molybdenum | 95-1 | 0.03 | 0.03 | 0.02 | 0.02 | 12.02 | ppb |
| Molybdenum | 96-1 | 0.00 | 0.01 | -0.01 | 0.00 | 1563.77 | ppb |
| Molybdenum | 97-1 | -0.01 | 0.01 | -0.01 | 0.00 | | ppb |
| Molybdenum | 98-1 | -0.01 | 0.02 | 0.00 | 0.00 | 420.56 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.25 | -0.14 | -0.19 | -0.19 | | ppb |
| Phosphorus | 31-2 | -63.08 | -62.28 | -59.66 | -61.67 | | ppb |
| Potassium | 39-2 | 28.95 | 31.82 | 28.39 | 29.72 | 6.19 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | -0.17 | -0.01 | -0.95 | -0.38 | | ppb |
| Selenium | 77-2 | 0.10 | 0.10 | -0.16 | 0.01 | 1161.10 | ppb |
| Selenium | 78-2 | 0.19 | -1.14 | -1.39 | -0.78 | | ppb |
| Silicon | 28-1 | 0.56 | 0.40 | 0.59 | 0.52 | 18.96 | ppb |
| Silver | 107-1 | 0.00 | 0.00 | 0.00 | 0.00 | 40.67 | ppb |
| Silver | 109-1 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Sodium | 23-2 | 53.36 | 56.91 | 54.41 | 54.89 | 3.32 | ppb |
| Strontium | 86-1 | 0.07 | 0.03 | 0.04 | 0.05 | 52.69 | ppb |
| Strontium | 88-1 | 0.01 | 0.00 | 0.00 | 0.00 | 73.79 | ppb |
| Sulfur | 34-1 | -42.21 | 94.96 | 125.49 | 59.41 | 150.35 | ppb |
| Terbium | 159-1 | | | | 94 | | % |
| Terbium | 159-2 | | | | 95 | | % |
| Thallium | 203-1 | 0.03 | 0.02 | 0.02 | 0.02 | 15.15 | ppb |
| Thallium | 205-1 | 0.01 | 0.01 | 0.01 | 0.01 | 44.03 | ppb |
| Tin | 118-1 | 0.07 | 0.09 | 0.08 | 0.08 | 10.21 | ppb |
| Titanium | 47-1 | 0.03 | -0.01 | -0.03 | -0.01 | | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:52:23 | DataFile Name : | 120CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.02 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | -0.01 | 0.00 | 0.00 | | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 0.30 | 0.30 | 0.19 | 0.26 | 24.77 | ppb |
| Zirconium | 90-1 | 0.02 | 0.02 | 0.02 | 0.02 | 19.08 | ppb |
| Zirconium | 91-1 | 0.01 | 0.01 | 0.01 | 0.01 | 20.48 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:57:05 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19206.14 | 18934.45 | 18600.69 | 18913.76 | 1.60 | ppb |
| Antimony | 121-1 | 0.39 | 0.40 | 0.43 | 0.41 | 5.12 | ppb |
| Arsenic | 75-2 | 46.83 | 46.50 | 48.38 | 47.24 | 2.13 | ppb |
| Barium | 135-1 | 481.26 | 507.87 | 490.79 | 493.30 | 2.73 | ppb |
| Barium | 137-1 | 478.21 | 501.64 | 487.99 | 489.28 | 2.41 | ppb |
| Beryllium | 9-1 | 2.07 | 1.85 | 1.97 | 1.96 | 5.51 | ppb |
| Bismuth | 209-1 | | | | 94 | | % |
| Bismuth | 209-2 | | | | 91 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 17.81 | 19.35 | 20.51 | 19.23 | 7.05 | ppb |
| Cadmium | 106-1 | 15.36 | 15.50 | 15.08 | 15.31 | 1.39 | ppb |
| Cadmium | 111-1 | 17.68 | 18.02 | 17.43 | 17.71 | 1.68 | ppb |
| Calcium | 43-1 | 18111.85 | 18315.47 | 18172.85 | 18200.06 | 0.57 | ppb |
| Calcium | 44-1 | 17341.79 | 17718.39 | 18019.50 | 17693.23 | 1.92 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 494.54 | 485.37 | 500.20 | 493.37 | 1.52 | ppb |
| Cobalt | 59-2 | 25.13 | 24.34 | 24.59 | 24.69 | 1.63 | ppb |
| Copper | 63-2 | 635.28 | 644.93 | 640.20 | 640.14 | 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 | | | | 95 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 91 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 56560.75 | 56524.80 | 56138.22 | 56407.92 | 0.42 | ppb |
| Iron | 57-2 | 56573.14 | 54099.06 | 55424.14 | 55365.45 | 2.24 | ppb |
| Iron | 54-2 | 57816.61 | 56029.16 | 56836.63 | 56894.14 | 1.57 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:57:05 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1301.17 | 1329.74 | 1335.10 | 1322.00 | 1.38 | ppb |
| Lead | 207-1 | 1217.82 | 1246.55 | 1251.84 | 1238.74 | 1.48 | ppb |
| Lead | 208-1 | 1240.67 | 1282.65 | 1289.21 | 1270.84 | 2.07 | ppb |
| Lithium | 6-1 | | | | 81 | | % |
| Magnesium | 24-2 | 15426.44 | 15136.63 | 15036.78 | 15199.95 | 1.33 | ppb |
| Manganese | 55-2 | 448.74 | 439.70 | 448.62 | 445.69 | 1.16 | ppb |
| Molybdenum | 94-1 | 33.22 | 33.54 | 33.14 | 33.30 | 0.64 | ppb |
| Molybdenum | 95-1 | 6.29 | 6.39 | 6.26 | 6.31 | 1.07 | ppb |
| Molybdenum | 96-1 | 8.82 | 9.64 | 9.54 | 9.33 | 4.77 | ppb |
| Molybdenum | 97-1 | 6.27 | 6.57 | 6.51 | 6.45 | 2.47 | ppb |
| Molybdenum | 98-1 | 6.32 | 6.42 | 6.37 | 6.37 | 0.75 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 167.44 | 165.74 | 165.65 | 166.28 | 0.61 | ppb |
| Phosphorus | 31-2 | 2491.20 | 2435.71 | 2488.71 | 2471.87 | 1.27 | ppb |
| Potassium | 39-2 | 4214.09 | 4168.18 | 4263.27 | 4215.18 | 1.13 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 92 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 91 | | % |
| Selenium | 82-1 | 4.60 | 4.73 | 3.82 | 4.38 | 11.23 | ppb |
| Selenium | 77-2 | 15.39 | 14.71 | 12.68 | 14.26 | 9.89 | ppb |
| Selenium | 78-2 | 6.25 | 6.45 | 5.74 | 6.15 | 5.94 | ppb |
| Silicon | 28-1 | 15.79 | 17.11 | 15.94 | 16.28 | 4.43 | ppb |
| Silver | 107-1 | 9.03 | 9.38 | 9.02 | 9.14 | 2.26 | ppb |
| Silver | 109-1 | 8.81 | 9.23 | 9.17 | 9.07 | 2.52 | ppb |
| Sodium | 23-2 | 13469.66 | 13452.19 | 13669.52 | 13530.46 | 0.89 | ppb |
| Strontium | 86-1 | 127.14 | 131.75 | 131.46 | 130.11 | 1.98 | ppb |
| Strontium | 88-1 | 135.15 | 138.07 | 139.32 | 137.51 | 1.56 | ppb |
| Sulfur | 34-1 | 27497.39 | 27527.46 | 27128.84 | 27384.56 | 0.81 | ppb |
| Terbium | 159-1 | | | | 95 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.54 | 0.52 | 0.53 | 0.53 | 1.77 | ppb |
| Thallium | 205-1 | 0.50 | 0.53 | 0.50 | 0.51 | 3.39 | ppb |
| Tin | 118-1 | 61.54 | 65.20 | 62.89 | 63.21 | 2.93 | ppb |
| Titanium | 47-1 | 459.69 | 467.45 | 457.84 | 461.66 | 1.10 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:57:05 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3.06 | 3.27 | 3.26 | 3.20 | 3.70 | ppb |
| Vanadium | 51-2 | 107.97 | 107.49 | 107.84 | 107.76 | 0.23 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 1336.38 | 1320.06 | 1340.41 | 1332.28 | 0.81 | ppb |
| Zirconium | 90-1 | 15.41 | 16.13 | 15.72 | 15.75 | 2.28 | ppb |
| Zirconium | 91-1 | 15.80 | 15.59 | 15.72 | 15.70 | 0.69 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:00:14 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14052.09 | 14125.11 | 14247.15 | 14141.45 | 0.70 | ppb |
| Antimony | 121-1 | 0.35 | 0.35 | 0.39 | 0.36 | 5.56 | ppb |
| Arsenic | 75-2 | 58.82 | 61.45 | 60.45 | 60.24 | 2.20 | ppb |
| Barium | 135-1 | 331.29 | 334.35 | 340.66 | 335.43 | 1.42 | ppb |
| Barium | 137-1 | 331.09 | 334.76 | 341.14 | 335.66 | 1.52 | ppb |
| Beryllium | 9-1 | 1.02 | 1.07 | 1.03 | 1.04 | 2.68 | ppb |
| Bismuth | 209-1 | | | | 94 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 9.91 | 10.98 | 10.77 | 10.55 | 5.37 | ppb |
| Cadmium | 106-1 | 7.44 | 6.06 | 8.10 | 7.20 | 14.44 | ppb |
| Cadmium | 111-1 | 10.30 | 10.60 | 10.97 | 10.62 | 3.13 | ppb |
| Calcium | 43-1 | 6991.00 | 6924.03 | 7240.40 | 7051.81 | 2.36 | ppb |
| Calcium | 44-1 | 6881.96 | 6709.97 | 7015.75 | 6869.23 | 2.23 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 446.90 | 451.91 | 455.10 | 451.30 | 0.92 | ppb |
| Cobalt | 59-2 | 13.12 | 13.59 | 13.46 | 13.39 | 1.80 | ppb |
| Copper | 63-2 | 516.47 | 524.45 | 523.50 | 521.48 | 0.84 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 95 | | % |
| Holmium | 165-2 | | | | 96 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 40297.91 | 40009.34 | 39878.24 | 40061.83 | 0.54 | ppb |
| Iron | 57-2 | 39376.04 | 39280.21 | 38830.03 | 39162.10 | 0.74 | ppb |
| Iron | 54-2 | 41241.26 | 40513.40 | 40427.94 | 40727.54 | 1.10 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:00:14 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 632.53 | 629.06 | 656.26 | 639.29 | 2.32 | ppb |
| Lead | 207-1 | 602.93 | 599.43 | 620.65 | 607.67 | 1.87 | ppb |
| Lead | 208-1 | 623.12 | 616.15 | 630.11 | 623.13 | 1.12 | ppb |
| Lithium | 6-1 | | | | 80 | | % |
| Magnesium | 24-2 | 8904.24 | 8824.71 | 8952.50 | 8893.82 | 0.73 | ppb |
| Manganese | 55-2 | 339.05 | 347.54 | 343.59 | 343.39 | 1.24 | ppb |
| Molybdenum | 94-1 | 20.48 | 20.53 | 20.44 | 20.48 | 0.22 | ppb |
| Molybdenum | 95-1 | 2.90 | 2.71 | 2.70 | 2.77 | 4.05 | ppb |
| Molybdenum | 96-1 | 4.81 | 4.68 | 4.71 | 4.74 | 1.49 | ppb |
| Molybdenum | 97-1 | 2.77 | 2.70 | 2.79 | 2.75 | 1.66 | ppb |
| Molybdenum | 98-1 | 2.73 | 2.66 | 2.68 | 2.69 | 1.39 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 72.43 | 72.48 | 74.17 | 73.02 | 1.36 | ppb |
| Phosphorus | 31-2 | 1595.30 | 1660.60 | 1617.94 | 1624.61 | 2.04 | ppb |
| Potassium | 39-2 | 3188.22 | 3215.37 | 3185.57 | 3196.39 | 0.52 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 3.29 | 3.44 | 3.22 | 3.32 | 3.49 | ppb |
| Selenium | 77-2 | 6.01 | 9.50 | 11.37 | 8.96 | 30.40 | ppb |
| Selenium | 78-2 | 3.24 | 5.63 | 5.15 | 4.67 | 27.07 | ppb |
| Silicon | 28-1 | 17.10 | 16.55 | 18.69 | 17.45 | 6.37 | ppb |
| Silver | 107-1 | 7.65 | 7.63 | 7.89 | 7.72 | 1.85 | ppb |
| Silver | 109-1 | 7.51 | 7.58 | 7.92 | 7.67 | 2.88 | ppb |
| Sodium | 23-2 | 8185.08 | 8137.55 | 8194.89 | 8172.50 | 0.38 | ppb |
| Strontium | 86-1 | 72.78 | 71.01 | 71.10 | 71.63 | 1.39 | ppb |
| Strontium | 88-1 | 72.51 | 71.73 | 72.79 | 72.34 | 0.76 | ppb |
| Sulfur | 34-1 | 16638.37 | 16835.01 | 17413.35 | 16962.24 | 2.37 | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.56 | 0.54 | 0.53 | 0.54 | 2.38 | ppb |
| Thallium | 205-1 | 0.55 | 0.55 | 0.56 | 0.55 | 1.11 | ppb |
| Tin | 118-1 | 57.19 | 57.01 | 58.69 | 57.63 | 1.60 | ppb |
| Titanium | 47-1 | 301.29 | 306.56 | 314.94 | 307.60 | 2.24 | ppb |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:00:14 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.78 | 1.81 | 1.81 | 1.80 | 0.76 | ppb |
| Vanadium | 51-2 | 56.54 | 56.86 | 56.50 | 56.63 | 0.34 | ppb |
| Yttrium | 89-1 | | | | 96 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 746.40 | 756.07 | 752.32 | 751.60 | 0.65 | ppb |
| Zirconium | 90-1 | 10.26 | 10.19 | 10.19 | 10.22 | 0.40 | ppb |
| Zirconium | 91-1 | 10.20 | 10.08 | 10.13 | 10.14 | 0.63 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:03:23 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14154.74 | 14380.42 | 14378.42 | 14304.53 | 0.91 | ppb |
| Antimony | 121-1 | 0.38 | 0.41 | 0.37 | 0.39 | 5.38 | ppb |
| Arsenic | 75-2 | 47.57 | 48.30 | 49.35 | 48.41 | 1.84 | ppb |
| Barium | 135-1 | 319.32 | 317.66 | 318.69 | 318.56 | 0.26 | ppb |
| Barium | 137-1 | 320.44 | 314.55 | 317.88 | 317.62 | 0.93 | ppb |
| Beryllium | 9-1 | 1.08 | 0.98 | 1.03 | 1.03 | 5.16 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 92 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 9.25 | 9.53 | 9.47 | 9.41 | 1.56 | ppb |
| Cadmium | 106-1 | 6.64 | 7.10 | 7.27 | 7.00 | 4.68 | ppb |
| Cadmium | 111-1 | 9.18 | 8.78 | 9.08 | 9.01 | 2.32 | ppb |
| Calcium | 43-1 | 4975.07 | 4913.16 | 4888.64 | 4925.62 | 0.90 | ppb |
| Calcium | 44-1 | 4973.42 | 4882.81 | 4958.10 | 4938.11 | 0.98 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 385.59 | 385.65 | 382.14 | 384.46 | 0.52 | ppb |
| Cobalt | 59-2 | 12.78 | 12.92 | 12.97 | 12.89 | 0.73 | ppb |
| Copper | 63-2 | 452.47 | 454.33 | 452.25 | 453.02 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 37731.77 | 37027.54 | 37141.72 | 37300.34 | 1.01 | ppb |
| Iron | 57-2 | 36512.11 | 36511.15 | 36803.11 | 36608.79 | 0.46 | ppb |
| Iron | 54-2 | 38130.22 | 37653.21 | 37868.46 | 37883.96 | 0.63 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:03:23 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 656.92 | 638.56 | 681.81 | 659.10 | 3.29 | ppb |
| Lead | 207-1 | 620.40 | 634.17 | 645.63 | 633.40 | 1.99 | ppb |
| Lead | 208-1 | 633.52 | 643.43 | 652.01 | 642.98 | 1.44 | ppb |
| Lithium | 6-1 | | | | 82 | | % |
| Magnesium | 24-2 | 8452.90 | 8546.26 | 8495.15 | 8498.11 | 0.55 | ppb |
| Manganese | 55-2 | 326.97 | 325.24 | 325.69 | 325.97 | 0.28 | ppb |
| Molybdenum | 94-1 | 20.22 | 19.82 | 20.90 | 20.31 | 2.69 | ppb |
| Molybdenum | 95-1 | 2.75 | 2.79 | 2.81 | 2.78 | 0.94 | ppb |
| Molybdenum | 96-1 | 4.84 | 4.76 | 5.02 | 4.87 | 2.78 | ppb |
| Molybdenum | 97-1 | 2.72 | 2.87 | 2.80 | 2.79 | 2.69 | ppb |
| Molybdenum | 98-1 | 2.85 | 2.77 | 2.83 | 2.82 | 1.58 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 69.96 | 70.24 | 70.33 | 70.18 | 0.27 | ppb |
| Phosphorus | 31-2 | 1457.88 | 1412.25 | 1457.32 | 1442.48 | 1.82 | ppb |
| Potassium | 39-2 | 3265.38 | 3261.11 | 3244.77 | 3257.09 | 0.33 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 3.01 | 2.54 | 3.56 | 3.03 | 16.84 | ppb |
| Selenium | 77-2 | 8.68 | 9.68 | 11.38 | 9.91 | 13.75 | ppb |
| Selenium | 78-2 | 5.10 | 4.37 | 4.85 | 4.78 | 7.76 | ppb |
| Silicon | 28-1 | 27.55 | 26.87 | 25.71 | 26.71 | 3.49 | ppb |
| Silver | 107-1 | 7.99 | 7.98 | 8.20 | 8.06 | 1.53 | ppb |
| Silver | 109-1 | 7.73 | 7.82 | 8.04 | 7.86 | 2.01 | ppb |
| Sodium | 23-2 | 8550.14 | 8213.25 | 8466.98 | 8410.12 | 2.09 | ppb |
| Strontium | 86-1 | 58.17 | 57.16 | 58.18 | 57.84 | 1.01 | ppb |
| Strontium | 88-1 | 58.85 | 57.37 | 59.00 | 58.41 | 1.55 | ppb |
| Sulfur | 34-1 | 16095.41 | 15455.25 | 15820.79 | 15790.48 | 2.03 | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.54 | 0.49 | 0.53 | 0.52 | 5.77 | ppb |
| Thallium | 205-1 | 0.52 | 0.52 | 0.53 | 0.53 | 1.43 | ppb |
| Tin | 118-1 | 70.46 | 69.75 | 70.23 | 70.15 | 0.51 | ppb |
| Titanium | 47-1 | 290.57 | 283.84 | 287.51 | 287.30 | 1.17 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:03:23 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.87 | 1.82 | 1.95 | 1.88 | 3.46 | ppb |
| Vanadium | 51-2 | 54.62 | 54.73 | 54.33 | 54.56 | 0.38 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 740.04 | 746.12 | 741.80 | 742.65 | 0.42 | ppb |
| Zirconium | 90-1 | 10.14 | 9.86 | 9.97 | 9.99 | 1.42 | ppb |
| Zirconium | 91-1 | 10.01 | 10.04 | 10.04 | 10.03 | 0.20 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:06:38 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19107.50 | 19130.48 | 19340.42 | 19192.80 | 0.67 | ppb |
| Antimony | 121-1 | 0.27 | 0.29 | 0.32 | 0.29 | 7.44 | ppb |
| Arsenic | 75-2 | 97.75 | 97.25 | 99.27 | 98.09 | 1.07 | ppb |
| Barium | 135-1 | 540.43 | 548.85 | 532.86 | 540.72 | 1.48 | ppb |
| Barium | 137-1 | 538.94 | 552.24 | 524.02 | 538.40 | 2.62 | ppb |
| Beryllium | 9-1 | 1.41 | 1.44 | 1.54 | 1.47 | 4.50 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 15.19 | 16.39 | 14.81 | 15.46 | 5.36 | ppb |
| Cadmium | 106-1 | 12.96 | 13.23 | 12.17 | 12.79 | 4.31 | ppb |
| Cadmium | 111-1 | 15.97 | 15.83 | 15.61 | 15.80 | 1.15 | ppb |
| Calcium | 43-1 | 8936.18 | 9089.24 | 9090.56 | 9038.66 | 0.98 | ppb |
| Calcium | 44-1 | 8820.26 | 8906.16 | 8712.79 | 8813.07 | 1.10 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 423.48 | 416.69 | 410.22 | 416.79 | 1.59 | ppb |
| Cobalt | 59-2 | 17.44 | 17.35 | 16.99 | 17.26 | 1.40 | ppb |
| Copper | 63-2 | 595.25 | 589.69 | 586.66 | 590.54 | 0.74 | 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 | | | | 96 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 50243.15 | 50600.19 | 50424.83 | 50422.72 | 0.35 | ppb |
| Iron | 57-2 | 49810.80 | 50100.41 | 48874.32 | 49595.18 | 1.29 | ppb |
| Iron | 54-2 | 50451.94 | 49772.63 | 48935.56 | 49720.05 | 1.53 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:06:38 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 654.01 | 659.09 | 665.06 | 659.39 | 0.84 | ppb |
| Lead | 207-1 | 607.27 | 596.46 | 622.67 | 608.80 | 2.16 | ppb |
| Lead | 208-1 | 628.98 | 628.40 | 643.68 | 633.69 | 1.37 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 10779.58 | 10790.93 | 10798.82 | 10789.78 | 0.09 | ppb |
| Manganese | 55-2 | 548.99 | 546.84 | 540.96 | 545.60 | 0.76 | ppb |
| Molybdenum | 94-1 | 25.59 | 26.99 | 26.24 | 26.27 | 2.68 | ppb |
| Molybdenum | 95-1 | 2.76 | 2.93 | 2.78 | 2.82 | 3.28 | ppb |
| Molybdenum | 96-1 | 5.23 | 5.77 | 5.53 | 5.51 | 4.96 | ppb |
| Molybdenum | 97-1 | 2.72 | 2.79 | 2.79 | 2.77 | 1.56 | ppb |
| Molybdenum | 98-1 | 2.74 | 2.73 | 2.84 | 2.77 | 2.21 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 74.41 | 74.58 | 73.96 | 74.32 | 0.43 | ppb |
| Phosphorus | 31-2 | 2953.78 | 2968.26 | 2894.25 | 2938.76 | 1.33 | ppb |
| Potassium | 39-2 | 4280.00 | 4314.62 | 4333.07 | 4309.23 | 0.63 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 4.28 | 4.53 | 4.69 | 4.50 | 4.62 | ppb |
| Selenium | 77-2 | 9.01 | 11.49 | 11.55 | 10.68 | 13.58 | ppb |
| Selenium | 78-2 | 6.60 | 6.04 | 6.18 | 6.27 | 4.60 | ppb |
| Silicon | 28-1 | 18.40 | 18.66 | 18.38 | 18.48 | 0.85 | ppb |
| Silver | 107-1 | 7.03 | 7.23 | 7.05 | 7.10 | 1.56 | ppb |
| Silver | 109-1 | 7.07 | 7.24 | 7.01 | 7.11 | 1.69 | ppb |
| Sodium | 23-2 | 10234.86 | 10526.85 | 10433.13 | 10398.28 | 1.43 | ppb |
| Strontium | 86-1 | 91.32 | 96.06 | 94.98 | 94.12 | 2.64 | ppb |
| Strontium | 88-1 | 92.00 | 96.02 | 94.26 | 94.10 | 2.14 | ppb |
| Sulfur | 34-1 | 17446.20 | 17877.71 | 17860.19 | 17728.03 | 1.38 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.68 | 0.64 | 0.66 | 0.66 | 3.58 | ppb |
| Thallium | 205-1 | 0.64 | 0.62 | 0.63 | 0.63 | 1.41 | ppb |
| Tin | 118-1 | 61.68 | 62.74 | 60.64 | 61.68 | 1.70 | ppb |
| Titanium | 47-1 | 385.83 | 396.02 | 395.81 | 392.55 | 1.48 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:06:38 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.06 | 1.98 | 2.03 | 2.02 | 2.07 | ppb |
| Vanadium | 51-2 | 70.83 | 70.87 | 69.32 | 70.34 | 1.26 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 785.18 | 799.68 | 786.57 | 790.48 | 1.01 | ppb |
| Zirconium | 90-1 | 13.07 | 13.75 | 13.55 | 13.46 | 2.59 | ppb |
| Zirconium | 91-1 | 13.11 | 14.28 | 13.64 | 13.67 | 4.29 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:09:45 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19246.28 | 18596.92 | 18582.10 | 18808.43 | 2.02 | ppb |
| Antimony | 121-1 | 0.52 | 0.49 | 0.57 | 0.52 | 7.40 | ppb |
| Arsenic | 75-2 | 63.89 | 65.72 | 64.62 | 64.74 | 1.42 | ppb |
| Barium | 135-1 | 325.30 | 316.34 | 326.44 | 322.69 | 1.71 | ppb |
| Barium | 137-1 | 321.20 | 319.50 | 327.52 | 322.74 | 1.31 | ppb |
| Beryllium | 9-1 | 1.50 | 1.54 | 1.52 | 1.52 | 1.04 | ppb |
| Bismuth | 209-1 | | | | 93 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 18.58 | 19.19 | 19.94 | 19.24 | 3.55 | ppb |
| Cadmium | 106-1 | 16.08 | 16.71 | 17.10 | 16.63 | 3.09 | ppb |
| Cadmium | 111-1 | 18.65 | 18.72 | 18.57 | 18.65 | 0.39 | ppb |
| Calcium | 43-1 | 11950.19 | 11883.88 | 12073.60 | 11969.23 | 0.80 | ppb |
| Calcium | 44-1 | 11539.40 | 11359.47 | 11553.88 | 11484.25 | 0.94 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 648.23 | 646.54 | 638.61 | 644.46 | 0.80 | ppb |
| Cobalt | 59-2 | 18.73 | 18.46 | 18.92 | 18.70 | 1.25 | ppb |
| Copper | 63-2 | 692.66 | 697.66 | 682.74 | 691.02 | 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 | | | | 96 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 51752.47 | 51980.17 | 51776.63 | 51836.43 | 0.24 | ppb |
| Iron | 57-2 | 51735.60 | 51792.38 | 49970.37 | 51166.12 | 2.02 | ppb |
| Iron | 54-2 | 52959.26 | 52017.50 | 50765.81 | 51914.19 | 2.12 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:09:45 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 608.64 | 620.66 | 616.40 | 615.23 | 0.99 | ppb |
| Lead | 207-1 | 514.79 | 557.93 | 577.90 | 550.21 | 5.86 | ppb |
| Lead | 208-1 | 581.16 | 594.58 | 595.73 | 590.49 | 1.37 | ppb |
| Lithium | 6-1 | | | | 81 | | % |
| Magnesium | 24-2 | 11812.70 | 11533.83 | 11438.04 | 11594.85 | 1.68 | ppb |
| Manganese | 55-2 | 447.19 | 451.27 | 450.25 | 449.57 | 0.47 | ppb |
| Molybdenum | 94-1 | 27.49 | 27.30 | 29.06 | 27.95 | 3.45 | ppb |
| Molybdenum | 95-1 | 4.27 | 4.20 | 4.46 | 4.31 | 3.14 | ppb |
| Molybdenum | 96-1 | 6.97 | 7.09 | 7.34 | 7.14 | 2.60 | ppb |
| Molybdenum | 97-1 | 4.26 | 4.34 | 4.53 | 4.38 | 3.11 | ppb |
| Molybdenum | 98-1 | 4.27 | 4.27 | 4.34 | 4.29 | 0.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 126.64 | 127.80 | 127.06 | 127.17 | 0.46 | ppb |
| Phosphorus | 31-2 | 3471.00 | 3419.57 | 3475.71 | 3455.43 | 0.90 | ppb |
| Potassium | 39-2 | 4377.18 | 4426.09 | 4378.76 | 4394.01 | 0.63 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 2.86 | 4.13 | 3.21 | 3.40 | 19.33 | ppb |
| Selenium | 77-2 | 12.21 | 14.52 | 14.25 | 13.66 | 9.23 | ppb |
| Selenium | 78-2 | 4.54 | 5.41 | 3.80 | 4.58 | 17.55 | ppb |
| Silicon | 28-1 | 19.05 | 23.69 | 20.13 | 20.96 | 11.59 | ppb |
| Silver | 107-1 | 6.78 | 6.89 | 7.05 | 6.90 | 1.95 | ppb |
| Silver | 109-1 | 6.84 | 6.73 | 6.83 | 6.80 | 0.86 | ppb |
| Sodium | 23-2 | 14171.25 | 13899.61 | 14089.77 | 14053.54 | 0.99 | ppb |
| Strontium | 86-1 | 133.71 | 134.55 | 139.22 | 135.83 | 2.18 | ppb |
| Strontium | 88-1 | 137.54 | 142.16 | 147.60 | 142.44 | 3.53 | ppb |
| Sulfur | 34-1 | 23334.91 | 23232.01 | 24150.12 | 23572.35 | 2.13 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.53 | 0.56 | 0.57 | 0.55 | 4.28 | ppb |
| Thallium | 205-1 | 0.53 | 0.56 | 0.57 | 0.55 | 3.31 | ppb |
| Tin | 118-1 | 58.79 | 58.26 | 59.17 | 58.74 | 0.77 | ppb |
| Titanium | 47-1 | 528.01 | 532.43 | 538.10 | 532.85 | 0.95 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:09:45 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.28 | 2.32 | 2.37 | 2.33 | 1.93 | ppb |
| Vanadium | 51-2 | 118.31 | 117.07 | 117.34 | 117.57 | 0.56 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 973.39 | 982.54 | 977.83 | 977.92 | 0.47 | ppb |
| Zirconium | 90-1 | 13.46 | 13.59 | 13.77 | 13.61 | 1.14 | ppb |
| Zirconium | 91-1 | 13.70 | 13.56 | 14.19 | 13.82 | 2.38 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:12:55 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12402.55 | 12507.34 | 12228.59 | 12379.49 | 1.14 | ppb |
| Antimony | 121-1 | 0.62 | 0.59 | 0.59 | 0.60 | 2.45 | ppb |
| Arsenic | 75-2 | 32.90 | 33.84 | 32.49 | 33.08 | 2.09 | ppb |
| Barium | 135-1 | 199.22 | 202.31 | 198.14 | 199.89 | 1.08 | ppb |
| Barium | 137-1 | 196.41 | 200.72 | 196.41 | 197.85 | 1.26 | ppb |
| Beryllium | 9-1 | 1.60 | 1.40 | 1.37 | 1.46 | 8.35 | ppb |
| Bismuth | 209-1 | | | | 93 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 11.16 | 10.51 | 10.21 | 10.62 | 4.56 | ppb |
| Cadmium | 106-1 | 8.24 | 8.33 | 6.92 | 7.83 | 10.06 | ppb |
| Cadmium | 111-1 | 9.84 | 9.89 | 9.97 | 9.90 | 0.65 | ppb |
| Calcium | 43-1 | 22503.74 | 21975.89 | 22731.82 | 22403.81 | 1.73 | ppb |
| Calcium | 44-1 | 22074.60 | 21208.32 | 22140.73 | 21807.88 | 2.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 334.30 | 330.21 | 331.10 | 331.87 | 0.65 | ppb |
| Cobalt | 59-2 | 18.59 | 18.27 | 18.40 | 18.42 | 0.90 | ppb |
| Copper | 63-2 | 371.27 | 363.18 | 367.89 | 367.45 | 1.11 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 95 | | % |
| Holmium | 165-2 | | | | 97 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 46267.36 | 45824.80 | 46121.83 | 46071.33 | 0.49 | ppb |
| Iron | 57-2 | 46747.83 | 45064.54 | 45936.33 | 45916.23 | 1.83 | ppb |
| Iron | 54-2 | 47835.99 | 46515.82 | 46673.93 | 47008.58 | 1.53 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:12:55 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 532.03 | 545.47 | 542.67 | 540.06 | 1.31 | ppb |
| Lead | 207-1 | 455.41 | 460.23 | 472.64 | 462.76 | 1.92 | ppb |
| Lead | 208-1 | 506.59 | 516.51 | 522.36 | 515.15 | 1.55 | ppb |
| Lithium | 6-1 | | | | 80 | | % |
| Magnesium | 24-2 | 8649.64 | 8554.85 | 8560.92 | 8588.47 | 0.62 | ppb |
| Manganese | 55-2 | 405.83 | 405.03 | 401.94 | 404.27 | 0.51 | ppb |
| Molybdenum | 94-1 | 23.84 | 24.48 | 23.82 | 24.05 | 1.56 | ppb |
| Molybdenum | 95-1 | 5.18 | 5.55 | 5.52 | 5.42 | 3.82 | ppb |
| Molybdenum | 96-1 | 7.45 | 7.42 | 7.70 | 7.53 | 2.07 | ppb |
| Molybdenum | 97-1 | 5.35 | 5.31 | 5.58 | 5.41 | 2.72 | ppb |
| Molybdenum | 98-1 | 5.16 | 5.43 | 5.39 | 5.33 | 2.71 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 99.48 | 97.48 | 100.54 | 99.17 | 1.57 | ppb |
| Phosphorus | 31-2 | 1145.83 | 1099.20 | 1150.12 | 1131.72 | 2.50 | ppb |
| Potassium | 39-2 | 3188.68 | 3157.48 | 3181.25 | 3175.81 | 0.51 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 3.40 | 2.29 | 3.11 | 2.94 | 19.64 | ppb |
| Selenium | 77-2 | 10.08 | 10.82 | 7.48 | 9.46 | 18.54 | ppb |
| Selenium | 78-2 | 4.33 | 5.87 | 4.53 | 4.91 | 17.06 | ppb |
| Silicon | 28-1 | 64.18 | 61.27 | 60.94 | 62.13 | 2.87 | ppb |
| Silver | 107-1 | 8.32 | 8.52 | 8.35 | 8.40 | 1.33 | ppb |
| Silver | 109-1 | 8.10 | 8.52 | 8.28 | 8.30 | 2.50 | ppb |
| Sodium | 23-2 | 8736.93 | 8727.84 | 8668.22 | 8711.00 | 0.43 | ppb |
| Strontium | 86-1 | 154.81 | 159.07 | 159.80 | 157.89 | 1.71 | ppb |
| Strontium | 88-1 | 161.91 | 162.80 | 166.67 | 163.79 | 1.54 | ppb |
| Sulfur | 34-1 | 28469.29 | 28030.35 | 28371.77 | 28290.47 | 0.81 | ppb |
| Terbium | 159-1 | | | | 94 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.35 | 0.32 | 0.32 | 0.33 | 4.88 | ppb |
| Thallium | 205-1 | 0.31 | 0.30 | 0.32 | 0.31 | 3.36 | ppb |
| Tin | 118-1 | 41.62 | 41.60 | 41.12 | 41.45 | 0.67 | ppb |
| Titanium | 47-1 | 387.40 | 375.60 | 388.25 | 383.75 | 1.84 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:12:55 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.07 | 2.09 | 2.13 | 2.10 | 1.58 | ppb |
| Vanadium | 51-2 | 63.45 | 62.04 | 62.26 | 62.58 | 1.21 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 759.26 | 749.57 | 753.09 | 753.97 | 0.65 | ppb |
| Zirconium | 90-1 | 10.79 | 11.00 | 11.00 | 10.93 | 1.13 | ppb |
| Zirconium | 91-1 | 10.37 | 10.92 | 10.93 | 10.74 | 2.99 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:16:04 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 13669.46 | 13245.87 | 13865.35 | 13593.56 | 2.33 | ppb |
| Antimony | 121-1 | 0.39 | 0.40 | 0.39 | 0.39 | 1.71 | ppb |
| Arsenic | 75-2 | 50.93 | 51.17 | 50.95 | 51.02 | 0.26 | ppb |
| Barium | 135-1 | 344.52 | 355.57 | 354.76 | 351.62 | 1.75 | ppb |
| Barium | 137-1 | 343.20 | 357.76 | 352.21 | 351.06 | 2.09 | ppb |
| Beryllium | 9-1 | 1.03 | 1.00 | 0.95 | 0.99 | 4.22 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 9.00 | 11.36 | 9.58 | 9.98 | 12.32 | ppb |
| Cadmium | 106-1 | 6.86 | 8.01 | 7.84 | 7.57 | 8.18 | ppb |
| Cadmium | 111-1 | 9.22 | 9.69 | 9.13 | 9.35 | 3.25 | ppb |
| Calcium | 43-1 | 7832.91 | 7750.88 | 7752.26 | 7778.68 | 0.60 | ppb |
| Calcium | 44-1 | 7530.43 | 7646.05 | 7486.17 | 7554.22 | 1.09 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 368.77 | 359.87 | 359.03 | 362.55 | 1.49 | ppb |
| Cobalt | 59-2 | 12.98 | 12.44 | 12.55 | 12.66 | 2.28 | ppb |
| Copper | 63-2 | 466.23 | 457.16 | 463.19 | 462.19 | 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 | | | | 96 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 40071.92 | 39249.49 | 38818.21 | 39379.87 | 1.62 | ppb |
| Iron | 57-2 | 39628.01 | 38893.41 | 38346.54 | 38955.99 | 1.65 | ppb |
| Iron | 54-2 | 39860.52 | 39038.03 | 38688.43 | 39195.66 | 1.54 | ppb |
| Krypton | 83-1 | | | | | | cps |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:16:04 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 587.54 | 588.47 | 582.71 | 586.24 | 0.53 | ppb |
| Lead | 207-1 | 548.53 | 552.04 | 546.80 | 549.12 | 0.49 | ppb |
| Lead | 208-1 | 564.42 | 571.19 | 565.20 | 566.93 | 0.65 | ppb |
| Lithium | 6-1 | | | | 81 | | % |
| Magnesium | 24-2 | 7348.40 | 7184.48 | 7529.48 | 7354.12 | 2.35 | ppb |
| Manganese | 55-2 | 350.59 | 343.64 | 345.79 | 346.67 | 1.03 | ppb |
| Molybdenum | 94-1 | 20.98 | 21.57 | 21.48 | 21.34 | 1.48 | ppb |
| Molybdenum | 95-1 | 2.85 | 2.92 | 2.96 | 2.91 | 2.03 | ppb |
| Molybdenum | 96-1 | 5.08 | 5.12 | 5.15 | 5.12 | 0.70 | ppb |
| Molybdenum | 97-1 | 2.94 | 2.82 | 3.02 | 2.92 | 3.42 | ppb |
| Molybdenum | 98-1 | 2.95 | 2.84 | 2.93 | 2.91 | 2.00 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 62.24 | 60.38 | 60.86 | 61.16 | 1.59 | ppb |
| Phosphorus | 31-2 | 1227.63 | 1219.44 | 1249.21 | 1232.09 | 1.25 | ppb |
| Potassium | 39-2 | 3187.26 | 3123.64 | 3186.11 | 3165.67 | 1.15 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 4.08 | 3.42 | 3.72 | 3.74 | 8.84 | ppb |
| Selenium | 77-2 | 9.61 | 9.73 | 8.30 | 9.21 | 8.61 | ppb |
| Selenium | 78-2 | 4.50 | 5.73 | 5.76 | 5.33 | 13.50 | ppb |
| Silicon | 28-1 | 42.97 | 43.61 | 43.10 | 43.23 | 0.79 | ppb |
| Silver | 107-1 | 8.47 | 8.73 | 8.93 | 8.71 | 2.67 | ppb |
| Silver | 109-1 | 8.40 | 8.80 | 8.63 | 8.61 | 2.28 | ppb |
| Sodium | 23-2 | 3993.89 | 4076.01 | 4014.78 | 4028.23 | 1.06 | ppb |
| Strontium | 86-1 | 74.84 | 72.72 | 75.19 | 74.25 | 1.79 | ppb |
| Strontium | 88-1 | 74.25 | 73.96 | 75.26 | 74.49 | 0.92 | ppb |
| Sulfur | 34-1 | 17472.60 | 17295.12 | 17369.86 | 17379.19 | 0.51 | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.47 | 0.49 | 0.50 | 0.49 | 4.08 | ppb |
| Thallium | 205-1 | 0.49 | 0.45 | 0.49 | 0.48 | 5.76 | ppb |
| Tin | 118-1 | 34.29 | 35.73 | 35.55 | 35.19 | 2.23 | ppb |
| Titanium | 47-1 | 337.33 | 336.19 | 339.80 | 337.77 | 0.55 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:16:04 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.84 | 1.83 | 1.91 | 1.86 | 2.42 | ppb |
| Vanadium | 51-2 | 51.37 | 51.07 | 50.92 | 51.12 | 0.45 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 671.53 | 662.44 | 673.77 | 669.24 | 0.90 | ppb |
| Zirconium | 90-1 | 10.60 | 10.35 | 10.55 | 10.50 | 1.27 | ppb |
| Zirconium | 91-1 | 10.40 | 10.21 | 10.55 | 10.39 | 1.66 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:19:19 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 23601.71 | 24507.33 | 24368.47 | 24159.17 | 2.02 | ppb |
| Antimony | 121-1 | 0.29 | 0.29 | 0.31 | 0.30 | 2.95 | ppb |
| Arsenic | 75-2 | 52.91 | 55.46 | 55.95 | 54.77 | 2.99 | ppb |
| Barium | 135-1 | 330.51 | 326.68 | 332.27 | 329.82 | 0.87 | ppb |
| Barium | 137-1 | 329.39 | 322.91 | 326.86 | 326.39 | 1.00 | ppb |
| Beryllium | 9-1 | 1.64 | 1.70 | 1.72 | 1.69 | 2.32 | ppb |
| Bismuth | 209-1 | | | | 94 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 3.96 | 3.38 | 3.75 | 3.70 | 7.94 | ppb |
| Cadmium | 106-1 | 2.71 | 1.80 | 1.90 | 2.14 | 23.20 | ppb |
| Cadmium | 111-1 | 2.45 | 2.58 | 2.63 | 2.55 | 3.66 | ppb |
| Calcium | 43-1 | 7854.52 | 7972.99 | 7987.82 | 7938.44 | 0.92 | ppb |
| Calcium | 44-1 | 7518.97 | 7719.41 | 7827.84 | 7688.74 | 2.04 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 153.55 | 155.98 | 155.47 | 155.00 | 0.83 | ppb |
| Cobalt | 59-2 | 20.32 | 21.08 | 20.85 | 20.75 | 1.88 | ppb |
| Copper | 63-2 | 272.79 | 280.41 | 279.80 | 277.66 | 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 | | | | 96 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 62451.08 | 62887.30 | 63034.21 | 62790.87 | 0.48 | ppb |
| Iron | 57-2 | 60737.80 | 60212.19 | 60819.23 | 60589.74 | 0.54 | ppb |
| Iron | 54-2 | 60668.07 | 62976.64 | 63483.64 | 62376.12 | 2.41 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:19:19 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 363.11 | 358.21 | 377.89 | 366.40 | 2.80 | ppb |
| Lead | 207-1 | 346.15 | 342.29 | 355.85 | 348.10 | 2.01 | ppb |
| Lead | 208-1 | 376.81 | 370.03 | 382.18 | 376.34 | 1.62 | ppb |
| Lithium | 6-1 | | | | 82 | | % |
| Magnesium | 24-2 | 10711.16 | 11329.63 | 11060.10 | 11033.63 | 2.81 | ppb |
| Manganese | 55-2 | 1762.72 | 1761.51 | 1726.93 | 1750.38 | 1.16 | ppb |
| Molybdenum | 94-1 | 33.04 | 32.81 | 33.19 | 33.02 | 0.59 | ppb |
| Molybdenum | 95-1 | 1.76 | 1.75 | 1.74 | 1.75 | 0.49 | ppb |
| Molybdenum | 96-1 | 5.36 | 5.73 | 5.48 | 5.52 | 3.38 | ppb |
| Molybdenum | 97-1 | 1.69 | 1.90 | 1.83 | 1.81 | 5.70 | ppb |
| Molybdenum | 98-1 | 1.75 | 1.74 | 1.71 | 1.73 | 1.31 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 62.69 | 63.75 | 63.64 | 63.36 | 0.92 | ppb |
| Phosphorus | 31-2 | 1688.22 | 1691.06 | 1728.36 | 1702.55 | 1.32 | ppb |
| Potassium | 39-2 | 4443.27 | 4450.19 | 4331.77 | 4408.41 | 1.51 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 97 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 4.30 | 4.03 | 3.12 | 3.82 | 16.08 | ppb |
| Selenium | 77-2 | 14.58 | 17.05 | 15.63 | 15.75 | 7.86 | ppb |
| Selenium | 78-2 | 8.17 | 7.27 | 6.63 | 7.36 | 10.52 | ppb |
| Silicon | 28-1 | 70.56 | 67.47 | 68.81 | 68.95 | 2.25 | ppb |
| Silver | 107-1 | 4.04 | 4.05 | 4.03 | 4.04 | 0.23 | ppb |
| Silver | 109-1 | 3.99 | 3.96 | 3.93 | 3.96 | 0.80 | ppb |
| Sodium | 23-2 | 4118.93 | 3891.94 | 3827.85 | 3946.24 | 3.88 | ppb |
| Strontium | 86-1 | 73.95 | 73.66 | 74.64 | 74.08 | 0.68 | ppb |
| Strontium | 88-1 | 75.41 | 74.58 | 75.53 | 75.17 | 0.69 | ppb |
| Sulfur | 34-1 | 13135.93 | 13258.81 | 13376.02 | 13256.92 | 0.91 | ppb |
| Terbium | 159-1 | | | | 95 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.52 | 0.50 | 0.53 | 0.52 | 2.96 | ppb |
| Thallium | 205-1 | 0.49 | 0.50 | 0.53 | 0.51 | 3.50 | ppb |
| Tin | 118-1 | 55.92 | 55.13 | 56.80 | 55.95 | 1.49 | ppb |
| Titanium | 47-1 | 421.08 | 427.35 | 429.71 | 426.05 | 1.05 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:19:19 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.47 | 2.37 | 2.46 | 2.43 | 2.18 | ppb |
| Vanadium | 51-2 | 68.63 | 70.44 | 69.72 | 69.60 | 1.31 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 517.91 | 526.70 | 534.35 | 526.32 | 1.56 | ppb |
| Zirconium | 90-1 | 17.58 | 17.46 | 17.51 | 17.52 | 0.36 | ppb |
| Zirconium | 91-1 | 17.60 | 17.41 | 17.68 | 17.56 | 0.78 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:22:31 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14718.00 | 14517.05 | 14502.84 | 14579.30 | 0.83 | ppb |
| Antimony | 121-1 | 0.55 | 0.55 | 0.54 | 0.55 | 0.69 | ppb |
| Arsenic | 75-2 | 45.55 | 44.35 | 45.55 | 45.15 | 1.53 | ppb |
| Barium | 135-1 | 285.26 | 279.12 | 283.91 | 282.76 | 1.14 | ppb |
| Barium | 137-1 | 285.00 | 278.80 | 282.33 | 282.04 | 1.10 | ppb |
| Beryllium | 9-1 | 1.03 | 1.25 | 1.04 | 1.11 | 11.21 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 95 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 11.33 | 9.35 | 9.88 | 10.18 | 10.05 | ppb |
| Cadmium | 106-1 | 9.08 | 8.21 | 6.43 | 7.90 | 17.09 | ppb |
| Cadmium | 111-1 | 10.46 | 10.20 | 10.32 | 10.33 | 1.29 | ppb |
| Calcium | 43-1 | 7173.57 | 7050.05 | 7151.42 | 7125.02 | 0.92 | ppb |
| Calcium | 44-1 | 7043.62 | 6796.26 | 7017.38 | 6952.42 | 1.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 397.44 | 397.08 | 401.84 | 398.78 | 0.66 | ppb |
| Cobalt | 59-2 | 13.79 | 13.84 | 13.70 | 13.78 | 0.50 | ppb |
| Copper | 63-2 | 425.05 | 432.05 | 431.42 | 429.51 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 42010.84 | 41991.56 | 41248.33 | 41750.24 | 1.04 | ppb |
| Iron | 57-2 | 40108.95 | 40727.62 | 41850.35 | 40895.64 | 2.16 | ppb |
| Iron | 54-2 | 41351.87 | 41837.46 | 42240.83 | 41810.06 | 1.06 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:22:31 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 572.89 | 577.62 | 575.11 | 575.21 | 0.41 | ppb |
| Lead | 207-1 | 482.92 | 528.96 | 552.65 | 521.51 | 6.80 | ppb |
| Lead | 208-1 | 545.02 | 555.54 | 561.56 | 554.04 | 1.51 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 8195.66 | 8284.52 | 8271.22 | 8250.46 | 0.58 | ppb |
| Manganese | 55-2 | 398.67 | 404.44 | 405.13 | 402.75 | 0.88 | ppb |
| Molybdenum | 94-1 | 22.02 | 22.53 | 22.54 | 22.36 | 1.32 | ppb |
| Molybdenum | 95-1 | 3.18 | 3.06 | 3.37 | 3.20 | 4.89 | ppb |
| Molybdenum | 96-1 | 5.45 | 5.56 | 5.59 | 5.53 | 1.36 | ppb |
| Molybdenum | 97-1 | 3.32 | 3.48 | 3.51 | 3.44 | 3.03 | ppb |
| Molybdenum | 98-1 | 3.25 | 3.28 | 3.31 | 3.28 | 0.91 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 69.99 | 69.23 | 69.52 | 69.58 | 0.55 | ppb |
| Phosphorus | 31-2 | 1313.21 | 1299.65 | 1382.77 | 1331.87 | 3.35 | ppb |
| Potassium | 39-2 | 3079.07 | 3120.28 | 3107.22 | 3102.19 | 0.68 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 2.32 | 2.95 | 2.16 | 2.48 | 16.96 | ppb |
| Selenium | 77-2 | 7.08 | 10.48 | 10.59 | 9.38 | 21.30 | ppb |
| Selenium | 78-2 | 4.14 | 3.85 | 4.96 | 4.32 | 13.37 | ppb |
| Silicon | 28-1 | 61.25 | 61.64 | 58.77 | 60.55 | 2.57 | ppb |
| Silver | 107-1 | 10.02 | 9.79 | 9.73 | 9.85 | 1.58 | ppb |
| Silver | 109-1 | 9.78 | 9.65 | 9.73 | 9.72 | 0.66 | ppb |
| Sodium | 23-2 | 2848.23 | 2920.54 | 2910.82 | 2893.20 | 1.36 | ppb |
| Strontium | 86-1 | 65.78 | 67.04 | 67.12 | 66.65 | 1.13 | ppb |
| Strontium | 88-1 | 67.02 | 67.40 | 68.18 | 67.53 | 0.88 | ppb |
| Sulfur | 34-1 | 18889.54 | 18571.26 | 18904.23 | 18788.35 | 1.00 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.38 | 0.40 | 0.38 | 0.39 | 3.70 | ppb |
| Thallium | 205-1 | 0.37 | 0.39 | 0.37 | 0.38 | 2.39 | ppb |
| Tin | 118-1 | 26.22 | 25.72 | 26.24 | 26.06 | 1.13 | ppb |
| Titanium | 47-1 | 365.94 | 357.32 | 360.10 | 361.12 | 1.22 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:22:31 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.02 | 1.93 | 1.97 | 1.97 | 2.23 | ppb |
| Vanadium | 51-2 | 63.86 | 64.19 | 63.77 | 63.94 | 0.34 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 668.23 | 670.64 | 673.07 | 670.65 | 0.36 | ppb |
| Zirconium | 90-1 | 11.10 | 11.00 | 10.96 | 11.02 | 0.64 | ppb |
| Zirconium | 91-1 | 11.04 | 11.06 | 10.92 | 11.00 | 0.67 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:25:47 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21997.55 | 22638.18 | 22296.26 | 22310.66 | 1.44 | ppb |
| Antimony | 121-1 | 0.63 | 0.69 | 0.62 | 0.64 | 5.51 | ppb |
| Arsenic | 75-2 | 59.56 | 61.50 | 58.69 | 59.92 | 2.40 | ppb |
| Barium | 135-1 | 397.41 | 401.67 | 396.49 | 398.52 | 0.69 | ppb |
| Barium | 137-1 | 393.73 | 404.07 | 398.86 | 398.89 | 1.30 | ppb |
| Beryllium | 9-1 | 1.96 | 1.75 | 1.91 | 1.87 | 6.04 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 25.38 | 23.01 | 22.40 | 23.60 | 6.66 | ppb |
| Cadmium | 106-1 | 19.88 | 19.94 | 20.14 | 19.99 | 0.68 | ppb |
| Cadmium | 111-1 | 21.53 | 22.30 | 21.95 | 21.92 | 1.77 | ppb |
| Calcium | 43-1 | 15594.63 | 15473.10 | 16077.97 | 15715.23 | 2.04 | ppb |
| Calcium | 44-1 | 15080.06 | 14941.74 | 15017.70 | 15013.17 | 0.46 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 774.72 | 788.17 | 749.49 | 770.79 | 2.55 | ppb |
| Cobalt | 59-2 | 25.01 | 25.23 | 25.15 | 25.13 | 0.43 | ppb |
| Copper | 63-2 | 840.83 | 812.80 | 817.23 | 823.62 | 1.83 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 96 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 65265.15 | 65368.12 | 64087.20 | 64906.82 | 1.10 | ppb |
| Iron | 57-2 | 65436.03 | 64190.67 | 62377.43 | 64001.38 | 2.40 | ppb |
| Iron | 54-2 | 65335.08 | 67032.32 | 64480.42 | 65615.94 | 1.98 | ppb |
| Krypton | 83-1 | | | | | | cps |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:25:47 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 763.17 | 757.80 | 766.66 | 762.54 | 0.59 | ppb |
| Lead | 207-1 | 734.42 | 759.71 | 731.47 | 741.87 | 2.09 | ppb |
| Lead | 208-1 | 739.17 | 763.73 | 750.75 | 751.22 | 1.64 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 15514.53 | 15312.33 | 14952.88 | 15259.91 | 1.86 | ppb |
| Manganese | 55-2 | 572.79 | 572.36 | 563.26 | 569.47 | 0.95 | ppb |
| Molybdenum | 94-1 | 39.36 | 39.23 | 38.64 | 39.08 | 0.97 | ppb |
| Molybdenum | 95-1 | 8.11 | 7.91 | 7.83 | 7.95 | 1.79 | ppb |
| Molybdenum | 96-1 | 11.46 | 11.79 | 11.87 | 11.71 | 1.84 | ppb |
| Molybdenum | 97-1 | 8.27 | 7.99 | 8.24 | 8.17 | 1.89 | ppb |
| Molybdenum | 98-1 | 7.79 | 7.93 | 7.74 | 7.82 | 1.22 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 173.30 | 176.25 | 169.28 | 172.94 | 2.02 | ppb |
| Phosphorus | 31-2 | 2280.42 | 2289.37 | 2228.80 | 2266.20 | 1.44 | ppb |
| Potassium | 39-2 | 5292.51 | 5368.56 | 5259.80 | 5306.96 | 1.05 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 5.01 | 5.31 | 3.93 | 4.75 | 15.22 | ppb |
| Selenium | 77-2 | 11.05 | 14.59 | 12.83 | 12.82 | 13.79 | ppb |
| Selenium | 78-2 | 4.44 | 6.19 | 6.84 | 5.82 | 21.36 | ppb |
| Silicon | 28-1 | 57.81 | 58.67 | 64.00 | 60.16 | 5.57 | ppb |
| Silver | 107-1 | 9.45 | 9.78 | 9.60 | 9.61 | 1.75 | ppb |
| Silver | 109-1 | 9.10 | 9.50 | 9.42 | 9.34 | 2.31 | ppb |
| Sodium | 23-2 | 15655.30 | 15658.21 | 15269.36 | 15527.62 | 1.44 | ppb |
| Strontium | 86-1 | 139.13 | 139.63 | 139.27 | 139.34 | 0.18 | ppb |
| Strontium | 88-1 | 147.37 | 143.78 | 145.62 | 145.59 | 1.24 | ppb |
| Sulfur | 34-1 | 30274.91 | 29433.31 | 30967.31 | 30225.18 | 2.54 | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.60 | 0.66 | 0.56 | 0.61 | 8.18 | ppb |
| Thallium | 205-1 | 0.59 | 0.58 | 0.60 | 0.59 | 1.33 | ppb |
| Tin | 118-1 | 62.91 | 64.62 | 64.12 | 63.88 | 1.38 | ppb |
| Titanium | 47-1 | 582.36 | 574.53 | 592.31 | 583.07 | 1.53 | ppb |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:25:47 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 4.15 | 4.13 | 4.13 | 4.14 | 0.36 | ppb |
| Vanadium | 51-2 | 127.97 | 127.59 | 125.49 | 127.02 | 1.05 | ppb |
| Yttrium | 89-1 | | | | 101 | | % |
| Yttrium | 89-2 | | | | 99 | | % |
| Zinc | 66-2 | 1312.49 | 1321.15 | 1300.58 | 1311.41 | 0.79 | ppb |
| Zirconium | 90-1 | 17.75 | 18.17 | 18.04 | 17.99 | 1.18 | ppb |
| Zirconium | 91-1 | 17.90 | 18.34 | 18.24 | 18.16 | 1.27 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:28:54 | DataFile Name : | 131CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 52480.17 | 53690.65 | 51728.05 | 52632.96 | 1.88 | ppb |
| Antimony | 121-1 | 538.85 | 542.54 | 525.14 | 535.51 | 1.71 | ppb |
| Arsenic | 75-2 | 520.07 | 496.78 | 507.59 | 508.15 | 2.29 | ppb |
| Barium | 135-1 | 2717.42 | 2669.26 | 2663.72 | 2683.46 | 1.10 | ppb |
| Barium | 137-1 | 2661.58 | 2708.68 | 2598.77 | 2656.34 | 2.08 | ppb |
| Beryllium | 9-1 | 530.60 | 532.49 | 538.26 | 533.78 | 0.75 | ppb |
| Bismuth | 209-1 | | | | 91 | | % |
| Bismuth | 209-2 | | | | 88 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 507.16 | 510.19 | 506.59 | 507.98 | 0.38 | ppb |
| Cadmium | 106-1 | 504.75 | 506.46 | 495.08 | 502.10 | 1.22 | ppb |
| Cadmium | 111-1 | 505.68 | 508.65 | 496.47 | 503.60 | 1.26 | ppb |
| Calcium | 43-1 | 261103.89 | 269041.86 | 262202.86 | 264116.21 | 1.63 | ppb |
| Calcium | 44-1 | 262928.91 | 262105.63 | 258933.02 | 261322.52 | 0.81 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 522.97 | 521.50 | 518.27 | 520.92 | 0.46 | ppb |
| Cobalt | 59-2 | 534.18 | 523.68 | 521.89 | 526.58 | 1.26 | ppb |
| Copper | 63-2 | 5265.92 | 5343.39 | 5123.60 | 5244.31 | 2.13 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 92 | | % |
| Indium | 115-2 | | | | 88 | | % |
| Iron | 56-2 | 138590.28 | 136178.15 | 131696.42 | 135488.28 | 2.58 | ppb |
| Iron | 57-2 | 137966.86 | 139219.45 | 132738.47 | 136641.59 | 2.52 | ppb |
| Iron | 54-2 | 136807.02 | 136770.09 | 136074.38 | 136550.50 | 0.30 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:28:54 | DataFile Name : | 131CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2664.39 | 2743.36 | 2700.88 | 2702.88 | 1.46 | ppb |
| Lead | 207-1 | 2624.88 | 2628.83 | 2587.67 | 2613.79 | 0.87 | ppb |
| Lead | 208-1 | 2626.36 | 2678.89 | 2650.57 | 2651.94 | 0.99 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 265631.09 | 267085.44 | 254951.65 | 262556.06 | 2.52 | ppb |
| Manganese | 55-2 | 5320.82 | 5344.01 | 5320.52 | 5328.45 | 0.25 | ppb |
| Molybdenum | 94-1 | 5315.35 | 5342.24 | 5239.75 | 5299.11 | 1.00 | ppb |
| Molybdenum | 95-1 | 5186.41 | 5252.18 | 5210.21 | 5216.27 | 0.64 | ppb |
| Molybdenum | 96-1 | 5286.66 | 5299.63 | 5304.94 | 5297.07 | 0.18 | ppb |
| Molybdenum | 97-1 | 5370.69 | 5315.15 | 5311.10 | 5332.31 | 0.62 | ppb |
| Molybdenum | 98-1 | 5309.79 | 5292.47 | 5141.84 | 5248.03 | 1.76 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 506.18 | 513.69 | 502.24 | 507.37 | 1.15 | ppb |
| Phosphorus | 31-2 | 10361.19 | 10324.93 | 10357.38 | 10347.83 | 0.19 | ppb |
| Potassium | 39-2 | 129274.72 | 130270.66 | 129023.10 | 129522.83 | 0.51 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 90 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 493.64 | 491.69 | 483.00 | 489.44 | 1.16 | ppb |
| Selenium | 77-2 | 502.90 | 485.77 | 478.76 | 489.14 | 2.54 | ppb |
| Selenium | 78-2 | 498.35 | 485.20 | 475.21 | 486.25 | 2.39 | ppb |
| Silicon | 28-1 | 570.00 | 576.06 | 555.49 | 567.18 | 1.86 | ppb |
| Silver | 107-1 | 536.51 | 536.65 | 516.37 | 529.84 | 2.20 | ppb |
| Silver | 109-1 | 528.97 | 513.44 | 521.29 | 521.23 | 1.49 | ppb |
| Sodium | 23-2 | 264298.25 | 262647.53 | 260350.17 | 262431.98 | 0.76 | ppb |
| Strontium | 86-1 | 514.96 | 516.62 | 510.24 | 513.94 | 0.64 | ppb |
| Strontium | 88-1 | 535.12 | 532.35 | 525.93 | 531.14 | 0.89 | ppb |
| Sulfur | 34-1 | 10225.87 | 10125.73 | 10096.38 | 10149.33 | 0.67 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 551.08 | 548.26 | 563.01 | 554.12 | 1.41 | ppb |
| Thallium | 205-1 | 543.06 | 545.34 | 538.95 | 542.45 | 0.60 | ppb |
| Tin | 118-1 | 536.20 | 549.69 | 529.45 | 538.45 | 1.91 | ppb |
| Titanium | 47-1 | 5326.59 | 5378.19 | 5310.92 | 5338.56 | 0.66 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:28:54 | DataFile Name : | 131CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 513.69 | 504.42 | 513.21 | 510.44 | 1.02 | ppb |
| Vanadium | 51-2 | 530.99 | 531.13 | 525.06 | 529.06 | 0.65 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 93 | | % |
| Zinc | 66-2 | 5162.97 | 5221.94 | 5090.05 | 5158.32 | 1.28 | ppb |
| Zirconium | 90-1 | 542.24 | 542.72 | 531.61 | 538.85 | 1.17 | ppb |
| Zirconium | 91-1 | 517.47 | 517.61 | 513.27 | 516.11 | 0.48 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:31:49 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | -0.29 | 0.52 | 0.40 | 0.21 | 210.86 | ppb |
| Antimony | 121-1 | 0.17 | 0.17 | 0.19 | 0.18 | 6.67 | ppb |
| Arsenic | 75-2 | 0.00 | 0.00 | 0.00 | 0.00 | | ppb |
| Barium | 135-1 | 0.01 | 0.00 | -0.02 | 0.00 | | ppb |
| Barium | 137-1 | 0.02 | 0.01 | -0.01 | 0.01 | 231.69 | ppb |
| Beryllium | 9-1 | 0.01 | 0.01 | 0.00 | 0.01 | 159.11 | ppb |
| Bismuth | 209-1 | | | | 92 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 0.02 | 0.05 | -0.05 | 0.01 | 879.99 | ppb |
| Cadmium | 106-1 | -2.23 | -4.06 | -2.98 | -3.09 | | ppb |
| Cadmium | 111-1 | -0.14 | -0.27 | -0.19 | -0.20 | | ppb |
| Calcium | 43-1 | -0.67 | -1.81 | 0.02 | -0.82 | | ppb |
| Calcium | 44-1 | 15.86 | 15.43 | 14.35 | 15.21 | 5.10 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 0.00 | -0.02 | -0.04 | -0.02 | | ppb |
| Cobalt | 59-2 | -0.02 | -0.02 | -0.01 | -0.02 | | ppb |
| Copper | 63-2 | 0.19 | 0.17 | 0.17 | 0.18 | 6.61 | 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 | | | | 93 | | % |
| Holmium | 165-2 | | | | 96 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 91 | | % |
| Iron | 56-2 | 3.01 | 3.55 | 2.93 | 3.16 | 10.60 | ppb |
| Iron | 57-2 | 6.48 | 3.84 | 2.72 | 4.35 | 44.42 | ppb |
| Iron | 54-2 | 3.25 | 3.81 | 4.34 | 3.80 | 14.32 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:31:49 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.11 | 0.12 | 0.11 | 0.11 | 4.04 | ppb |
| Lead | 207-1 | 0.11 | 0.10 | 0.11 | 0.10 | 5.06 | ppb |
| Lead | 208-1 | 0.11 | 0.10 | 0.11 | 0.11 | 2.01 | ppb |
| Lithium | 6-1 | | | | 80 | | % |
| Magnesium | 24-2 | 1.25 | 2.30 | 1.40 | 1.65 | 34.33 | ppb |
| Manganese | 55-2 | 0.01 | 0.03 | -0.02 | 0.01 | 342.37 | ppb |
| Molybdenum | 94-1 | 0.24 | 0.17 | 0.16 | 0.19 | 21.66 | ppb |
| Molybdenum | 95-1 | 0.15 | 0.19 | 0.14 | 0.16 | 16.16 | ppb |
| Molybdenum | 96-1 | 0.19 | 0.14 | 0.15 | 0.16 | 14.69 | ppb |
| Molybdenum | 97-1 | 0.16 | 0.17 | 0.15 | 0.16 | 6.54 | ppb |
| Molybdenum | 98-1 | 0.15 | 0.13 | 0.11 | 0.13 | 14.30 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.23 | -0.20 | -0.16 | -0.20 | | ppb |
| Phosphorus | 31-2 | -61.41 | -65.93 | -62.54 | -63.29 | | ppb |
| Potassium | 39-2 | 44.01 | 47.87 | 39.76 | 43.88 | 9.24 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 93 | | % |
| Scandium | 45-1 | | | | 89 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | 0.15 | 0.17 | -0.36 | -0.01 | | ppb |
| Selenium | 77-2 | -0.16 | -0.16 | 0.10 | -0.07 | | ppb |
| Selenium | 78-2 | 0.04 | 0.70 | -0.44 | 0.10 | 567.57 | ppb |
| Silicon | 28-1 | 0.33 | 0.60 | 0.22 | 0.38 | 51.40 | ppb |
| Silver | 107-1 | 0.03 | 0.02 | 0.02 | 0.03 | 30.83 | ppb |
| Silver | 109-1 | 0.04 | 0.03 | 0.03 | 0.03 | 20.41 | ppb |
| Sodium | 23-2 | 70.67 | 71.57 | 67.34 | 69.86 | 3.19 | ppb |
| Strontium | 86-1 | 0.04 | 0.03 | 0.08 | 0.05 | 51.54 | ppb |
| Strontium | 88-1 | 0.01 | 0.01 | 0.00 | 0.01 | 45.73 | ppb |
| Sulfur | 34-1 | 28.17 | 163.25 | -184.06 | 2.45 | 7138.88 | ppb |
| Terbium | 159-1 | | | | 95 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.03 | 0.03 | 0.03 | 0.03 | 5.12 | ppb |
| Thallium | 205-1 | 0.03 | 0.02 | 0.02 | 0.02 | 13.70 | ppb |
| Tin | 118-1 | 0.06 | 0.07 | 0.11 | 0.08 | 34.71 | ppb |
| Titanium | 47-1 | 0.05 | 0.05 | 0.04 | 0.05 | 19.94 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:31:49 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 555.85 | ppb |
| Yttrium | 89-1 | | | | 92 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 0.24 | 0.48 | 0.36 | 0.36 | 33.17 | ppb |
| Zirconium | 90-1 | 0.04 | 0.05 | 0.04 | 0.04 | 8.27 | ppb |
| Zirconium | 91-1 | 0.05 | 0.04 | 0.04 | 0.04 | 18.39 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:35:12 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 15920.31 | 16194.19 | 15921.07 | 16011.86 | 0.99 | ppb |
| Antimony | 121-1 | 0.24 | 0.26 | 0.28 | 0.26 | 7.69 | ppb |
| Arsenic | 75-2 | 24.62 | 24.40 | 24.74 | 24.58 | 0.71 | ppb |
| Barium | 135-1 | 194.07 | 198.67 | 202.67 | 198.47 | 2.17 | ppb |
| Barium | 137-1 | 195.91 | 198.02 | 201.76 | 198.56 | 1.49 | ppb |
| Beryllium | 9-1 | 1.41 | 1.43 | 1.41 | 1.42 | 0.97 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 10.97 | 10.55 | 12.49 | 11.34 | 9.00 | ppb |
| Cadmium | 106-1 | 9.94 | 9.52 | 9.26 | 9.57 | 3.58 | ppb |
| Cadmium | 111-1 | 9.25 | 9.63 | 9.34 | 9.41 | 2.15 | ppb |
| Calcium | 43-1 | 8662.08 | 8524.40 | 8736.02 | 8640.83 | 1.24 | ppb |
| Calcium | 44-1 | 8309.65 | 8317.08 | 8716.38 | 8447.70 | 2.75 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 312.57 | 313.43 | 308.15 | 311.38 | 0.91 | ppb |
| Cobalt | 59-2 | 17.43 | 17.30 | 17.56 | 17.43 | 0.75 | ppb |
| Copper | 63-2 | 402.98 | 401.95 | 399.13 | 401.35 | 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 | | | | 95 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 47397.25 | 47030.65 | 46010.99 | 46812.97 | 1.53 | ppb |
| Iron | 57-2 | 46073.06 | 45833.64 | 45668.82 | 45858.51 | 0.44 | ppb |
| Iron | 54-2 | 46358.63 | 48047.24 | 46588.61 | 46998.16 | 1.95 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:35:12 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 934.06 | 899.03 | 886.50 | 906.53 | 2.72 | ppb |
| Lead | 207-1 | 920.77 | 856.39 | 884.84 | 887.34 | 3.64 | ppb |
| Lead | 208-1 | 910.63 | 865.18 | 869.75 | 881.86 | 2.84 | ppb |
| Lithium | 6-1 | | | | 81 | | % |
| Magnesium | 24-2 | 11520.81 | 11716.12 | 11729.81 | 11655.58 | 1.00 | ppb |
| Manganese | 55-2 | 432.60 | 428.88 | 427.95 | 429.81 | 0.57 | ppb |
| Molybdenum | 94-1 | 28.75 | 29.95 | 30.16 | 29.62 | 2.56 | ppb |
| Molybdenum | 95-1 | 5.33 | 5.39 | 5.67 | 5.46 | 3.32 | ppb |
| Molybdenum | 96-1 | 7.95 | 8.15 | 8.46 | 8.19 | 3.10 | ppb |
| Molybdenum | 97-1 | 5.33 | 5.67 | 5.63 | 5.54 | 3.42 | ppb |
| Molybdenum | 98-1 | 5.27 | 5.30 | 5.61 | 5.39 | 3.52 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 96.06 | 95.45 | 95.74 | 95.75 | 0.32 | ppb |
| Phosphorus | 31-2 | 1125.34 | 1148.65 | 1149.53 | 1141.17 | 1.20 | ppb |
| Potassium | 39-2 | 4147.97 | 4184.43 | 4175.37 | 4169.25 | 0.46 | ppb |
| Rhodium | 103-1 | | | | 92 | | % |
| Rhodium | 103-2 | | | | 94 | | % |
| Scandium | 45-1 | | | | 91 | | % |
| Scandium | 45-2 | | | | 93 | | % |
| Selenium | 82-1 | 2.52 | 2.71 | 2.51 | 2.58 | 4.32 | ppb |
| Selenium | 77-2 | 6.50 | 11.06 | 7.91 | 8.49 | 27.53 | ppb |
| Selenium | 78-2 | 2.69 | 1.86 | 0.42 | 1.66 | 69.40 | ppb |
| Silicon | 28-1 | 18.33 | 18.28 | 19.38 | 18.66 | 3.33 | ppb |
| Silver | 107-1 | 8.63 | 8.74 | 9.04 | 8.80 | 2.37 | ppb |
| Silver | 109-1 | 8.52 | 8.56 | 8.84 | 8.64 | 2.01 | ppb |
| Sodium | 23-2 | 14380.31 | 14397.55 | 14179.42 | 14319.09 | 0.85 | ppb |
| Strontium | 86-1 | 64.29 | 65.52 | 66.92 | 65.57 | 2.01 | ppb |
| Strontium | 88-1 | 64.87 | 66.92 | 67.67 | 66.49 | 2.18 | ppb |
| Sulfur | 34-1 | 23113.26 | 23031.81 | 23771.46 | 23305.51 | 1.74 | ppb |
| Terbium | 159-1 | | | | 95 | | % |
| Terbium | 159-2 | | | | 97 | | % |
| Thallium | 203-1 | 0.40 | 0.40 | 0.39 | 0.40 | 1.69 | ppb |
| Thallium | 205-1 | 0.38 | 0.37 | 0.40 | 0.39 | 4.05 | ppb |
| Tin | 118-1 | 49.37 | 50.61 | 51.90 | 50.63 | 2.50 | ppb |
| Titanium | 47-1 | 417.91 | 415.71 | 433.24 | 422.29 | 2.26 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:35:12 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.24 | 2.21 | 2.24 | 2.23 | 0.66 | ppb |
| Vanadium | 51-2 | 62.01 | 61.89 | 61.83 | 61.91 | 0.15 | ppb |
| Yttrium | 89-1 | | | | 98 | | % |
| Yttrium | 89-2 | | | | 98 | | % |
| Zinc | 66-2 | 773.60 | 777.34 | 770.10 | 773.68 | 0.47 | ppb |
| Zirconium | 90-1 | 13.39 | 13.76 | 13.90 | 13.68 | 1.90 | ppb |
| Zirconium | 91-1 | 13.75 | 13.69 | 14.35 | 13.93 | 2.63 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:38:24 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19993.41 | 19949.37 | 19707.40 | 19883.39 | 0.77 | ppb |
| Antimony | 121-1 | 0.43 | 0.43 | 0.42 | 0.43 | 0.63 | ppb |
| Arsenic | 75-2 | 54.20 | 54.10 | 52.70 | 53.67 | 1.56 | ppb |
| Barium | 135-1 | 325.91 | 315.43 | 330.32 | 323.89 | 2.36 | ppb |
| Barium | 137-1 | 325.80 | 317.59 | 329.04 | 324.15 | 1.82 | ppb |
| Beryllium | 9-1 | 1.51 | 1.52 | 1.45 | 1.49 | 2.38 | ppb |
| Bismuth | 209-1 | | | | 98 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 11.30 | 12.34 | 13.31 | 12.32 | 8.15 | ppb |
| Cadmium | 106-1 | 9.68 | 9.34 | 11.15 | 10.06 | 9.60 | ppb |
| Cadmium | 111-1 | 12.11 | 11.57 | 12.09 | 11.92 | 2.54 | ppb |
| Calcium | 43-1 | 7805.45 | 7907.57 | 7953.94 | 7888.99 | 0.96 | ppb |
| Calcium | 44-1 | 7728.50 | 7975.17 | 7610.53 | 7771.40 | 2.39 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 494.10 | 479.91 | 482.67 | 485.56 | 1.55 | ppb |
| Cobalt | 59-2 | 16.82 | 16.78 | 16.45 | 16.68 | 1.21 | ppb |
| Copper | 63-2 | 558.04 | 539.75 | 540.24 | 546.01 | 1.91 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 54727.70 | 55015.17 | 53877.74 | 54540.20 | 1.08 | ppb |
| Iron | 57-2 | 54519.00 | 53861.55 | 53194.95 | 53858.50 | 1.23 | ppb |
| Iron | 54-2 | 56031.57 | 55131.94 | 54394.55 | 55186.02 | 1.49 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:38:24 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 620.17 | 619.43 | 638.92 | 626.17 | 1.76 | ppb |
| Lead | 207-1 | 588.07 | 579.57 | 598.40 | 588.68 | 1.60 | ppb |
| Lead | 208-1 | 610.02 | 594.63 | 615.75 | 606.80 | 1.80 | ppb |
| Lithium | 6-1 | | | | 84 | | % |
| Magnesium | 24-2 | 11005.32 | 11112.63 | 11171.63 | 11096.53 | 0.76 | ppb |
| Manganese | 55-2 | 504.43 | 494.36 | 501.18 | 499.99 | 1.03 | ppb |
| Molybdenum | 94-1 | 28.29 | 28.21 | 28.10 | 28.20 | 0.35 | ppb |
| Molybdenum | 95-1 | 3.47 | 3.49 | 3.56 | 3.51 | 1.37 | ppb |
| Molybdenum | 96-1 | 6.27 | 6.22 | 6.29 | 6.26 | 0.60 | ppb |
| Molybdenum | 97-1 | 3.43 | 3.56 | 3.61 | 3.53 | 2.59 | ppb |
| Molybdenum | 98-1 | 3.44 | 3.50 | 3.48 | 3.48 | 0.90 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 81.76 | 81.38 | 79.61 | 80.92 | 1.42 | ppb |
| Phosphorus | 31-2 | 2696.42 | 2695.23 | 2636.62 | 2676.09 | 1.28 | ppb |
| Potassium | 39-2 | 4362.53 | 4206.93 | 4215.47 | 4261.64 | 2.05 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 2.87 | 3.43 | 2.90 | 3.07 | 10.22 | ppb |
| Selenium | 77-2 | 7.01 | 14.77 | 10.36 | 10.72 | 36.32 | ppb |
| Selenium | 78-2 | 4.68 | 4.70 | 4.77 | 4.72 | 0.97 | ppb |
| Silicon | 28-1 | 90.37 | 82.61 | 83.95 | 85.64 | 4.84 | ppb |
| Silver | 107-1 | 8.96 | 8.84 | 9.29 | 9.03 | 2.57 | ppb |
| Silver | 109-1 | 8.86 | 8.81 | 8.98 | 8.89 | 0.98 | ppb |
| Sodium | 23-2 | 12866.79 | 12726.54 | 12581.99 | 12725.11 | 1.12 | ppb |
| Strontium | 86-1 | 91.88 | 94.19 | 94.81 | 93.63 | 1.65 | ppb |
| Strontium | 88-1 | 93.65 | 96.31 | 95.21 | 95.06 | 1.41 | ppb |
| Sulfur | 34-1 | 22154.51 | 22589.84 | 22315.74 | 22353.36 | 0.98 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.47 | 0.49 | 0.49 | 0.48 | 2.37 | ppb |
| Thallium | 205-1 | 0.47 | 0.47 | 0.51 | 0.48 | 4.64 | ppb |
| Tin | 118-1 | 42.70 | 48.66 | 43.70 | 45.02 | 7.09 | ppb |
| Titanium | 47-1 | 452.44 | 474.90 | 453.67 | 460.34 | 2.74 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:38:24 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.10 | 2.09 | 2.13 | 2.11 | 0.89 | ppb |
| Vanadium | 51-2 | 84.55 | 83.13 | 82.56 | 83.41 | 1.23 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 750.11 | 730.88 | 731.38 | 737.46 | 1.49 | ppb |
| Zirconium | 90-1 | 13.89 | 14.31 | 14.14 | 14.11 | 1.53 | ppb |
| Zirconium | 91-1 | 14.06 | 14.28 | 14.16 | 14.17 | 0.78 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:41:32 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19837.29 | 19977.40 | 20063.60 | 19959.43 | 0.57 | ppb |
| Antimony | 121-1 | 0.38 | 0.42 | 0.42 | 0.41 | 5.40 | ppb |
| Arsenic | 75-2 | 52.00 | 54.33 | 54.14 | 53.49 | 2.41 | ppb |
| Barium | 135-1 | 311.99 | 339.31 | 332.14 | 327.81 | 4.32 | ppb |
| Barium | 137-1 | 309.84 | 336.23 | 329.83 | 325.30 | 4.23 | ppb |
| Beryllium | 9-1 | 1.30 | 1.35 | 1.45 | 1.37 | 5.80 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 10.17 | 12.02 | 11.82 | 11.34 | 8.96 | ppb |
| Cadmium | 106-1 | 8.52 | 9.58 | 10.81 | 9.64 | 11.89 | ppb |
| Cadmium | 111-1 | 11.25 | 12.20 | 12.25 | 11.90 | 4.74 | ppb |
| Calcium | 43-1 | 7798.44 | 7795.45 | 7822.55 | 7805.48 | 0.19 | ppb |
| Calcium | 44-1 | 7453.24 | 7742.28 | 7471.18 | 7555.57 | 2.14 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 479.66 | 487.37 | 485.76 | 484.26 | 0.84 | ppb |
| Cobalt | 59-2 | 16.85 | 16.60 | 16.76 | 16.74 | 0.74 | ppb |
| Copper | 63-2 | 531.92 | 541.77 | 548.09 | 540.59 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 97 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 53080.03 | 54473.27 | 54290.21 | 53947.84 | 1.40 | ppb |
| Iron | 57-2 | 52648.13 | 53894.41 | 54561.31 | 53701.28 | 1.81 | ppb |
| Iron | 54-2 | 55494.31 | 54456.80 | 55288.00 | 55079.70 | 1.00 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:41:32 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 598.13 | 646.01 | 589.92 | 611.35 | 4.95 | ppb |
| Lead | 207-1 | 575.43 | 601.85 | 580.50 | 585.93 | 2.39 | ppb |
| Lead | 208-1 | 588.83 | 626.93 | 591.08 | 602.28 | 3.55 | ppb |
| Lithium | 6-1 | | | | 84 | | % |
| Magnesium | 24-2 | 11177.39 | 11236.86 | 11023.46 | 11145.90 | 0.99 | ppb |
| Manganese | 55-2 | 494.42 | 494.14 | 502.14 | 496.90 | 0.91 | ppb |
| Molybdenum | 94-1 | 28.39 | 28.73 | 28.20 | 28.44 | 0.95 | ppb |
| Molybdenum | 95-1 | 3.45 | 3.44 | 3.47 | 3.45 | 0.40 | ppb |
| Molybdenum | 96-1 | 6.18 | 6.36 | 6.54 | 6.36 | 2.90 | ppb |
| Molybdenum | 97-1 | 3.58 | 3.59 | 3.60 | 3.59 | 0.26 | ppb |
| Molybdenum | 98-1 | 3.39 | 3.48 | 3.32 | 3.40 | 2.34 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 80.76 | 81.50 | 80.65 | 80.97 | 0.57 | ppb |
| Phosphorus | 31-2 | 2693.60 | 2679.61 | 2673.88 | 2682.36 | 0.38 | ppb |
| Potassium | 39-2 | 4256.73 | 4270.50 | 4214.50 | 4247.24 | 0.69 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 95 | | % |
| Selenium | 82-1 | 3.04 | 4.26 | 3.22 | 3.51 | 18.80 | ppb |
| Selenium | 77-2 | 9.10 | 10.39 | 12.37 | 10.62 | 15.51 | ppb |
| Selenium | 78-2 | 4.65 | 5.15 | 4.76 | 4.86 | 5.43 | ppb |
| Silicon | 28-1 | 113.86 | 100.63 | 77.95 | 97.48 | 18.63 | ppb |
| Silver | 107-1 | 8.68 | 9.23 | 9.09 | 9.00 | 3.19 | ppb |
| Silver | 109-1 | 8.58 | 9.19 | 9.08 | 8.95 | 3.62 | ppb |
| Sodium | 23-2 | 12644.96 | 12547.91 | 12589.73 | 12594.20 | 0.39 | ppb |
| Strontium | 86-1 | 95.38 | 95.52 | 94.98 | 95.29 | 0.29 | ppb |
| Strontium | 88-1 | 95.28 | 97.23 | 96.35 | 96.29 | 1.01 | ppb |
| Sulfur | 34-1 | 21769.48 | 21586.68 | 21812.66 | 21722.94 | 0.55 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 0.47 | 0.50 | 0.46 | 0.48 | 4.37 | ppb |
| Thallium | 205-1 | 0.47 | 0.50 | 0.48 | 0.48 | 2.65 | ppb |
| Tin | 118-1 | 41.53 | 44.75 | 43.80 | 43.36 | 3.81 | ppb |
| Titanium | 47-1 | 450.69 | 454.07 | 453.44 | 452.73 | 0.40 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:41:32 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.06 | 2.17 | 2.06 | 2.10 | 2.91 | ppb |
| Vanadium | 51-2 | 82.61 | 82.94 | 83.53 | 83.03 | 0.56 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 101 | | % |
| Zinc | 66-2 | 731.16 | 743.68 | 742.32 | 739.05 | 0.93 | ppb |
| Zirconium | 90-1 | 14.62 | 14.36 | 14.26 | 14.41 | 1.28 | ppb |
| Zirconium | 91-1 | 14.51 | 14.63 | 14.55 | 14.56 | 0.40 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 20:44:41 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3907.84 | 4007.24 | 3983.33 | 3966.14 | 1.31 | ppb |
| Antimony | 121-1 | 0.08 | 0.09 | 0.11 | 0.09 | 12.20 | ppb |
| Arsenic | 75-2 | 10.97 | 11.10 | 11.17 | 11.08 | 0.91 | ppb |
| Barium | 135-1 | 65.23 | 65.64 | 66.16 | 65.68 | 0.71 | ppb |
| Barium | 137-1 | 65.14 | 65.69 | 66.18 | 65.67 | 0.79 | ppb |
| Beryllium | 9-1 | 0.36 | 0.20 | 0.32 | 0.30 | 28.00 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 93 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.31 | 2.44 | 1.97 | 2.24 | 10.89 | ppb |
| Cadmium | 106-1 | -0.68 | -0.04 | -0.85 | -0.52 | | ppb |
| Cadmium | 111-1 | 2.27 | 2.30 | 2.28 | 2.28 | 0.78 | ppb |
| Calcium | 43-1 | 1658.38 | 1650.27 | 1596.52 | 1635.05 | 2.06 | ppb |
| Calcium | 44-1 | 1665.82 | 1630.57 | 1622.55 | 1639.65 | 1.40 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 96.97 | 98.02 | 97.62 | 97.53 | 0.54 | ppb |
| Cobalt | 59-2 | 3.41 | 3.43 | 3.43 | 3.42 | 0.34 | ppb |
| Copper | 63-2 | 104.19 | 106.66 | 106.89 | 105.91 | 1.41 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 11167.66 | 11207.19 | 11186.75 | 11187.20 | 0.18 | ppb |
| Iron | 57-2 | 11023.01 | 11083.20 | 11084.44 | 11063.55 | 0.32 | ppb |
| Iron | 54-2 | 11078.84 | 11320.06 | 10995.89 | 11131.60 | 1.51 | ppb |
| Krypton | 83-1 | | | | | | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 20:44:41 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 113.97 | 113.39 | 110.47 | 112.61 | 1.66 | ppb |
| Lead | 207-1 | 107.67 | 105.09 | 106.29 | 106.35 | 1.21 | ppb |
| Lead | 208-1 | 109.14 | 108.03 | 107.20 | 108.12 | 0.90 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 2154.84 | 2204.89 | 2193.94 | 2184.56 | 1.20 | ppb |
| Manganese | 55-2 | 99.91 | 101.00 | 101.89 | 100.93 | 0.98 | ppb |
| Molybdenum | 94-1 | 5.73 | 5.72 | 5.89 | 5.78 | 1.69 | ppb |
| Molybdenum | 95-1 | 0.73 | 0.71 | 0.78 | 0.74 | 5.06 | ppb |
| Molybdenum | 96-1 | 1.21 | 1.21 | 1.30 | 1.24 | 4.24 | ppb |
| Molybdenum | 97-1 | 0.79 | 0.72 | 0.77 | 0.76 | 4.35 | ppb |
| Molybdenum | 98-1 | 0.67 | 0.65 | 0.73 | 0.68 | 5.71 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 15.63 | 16.57 | 16.15 | 16.12 | 2.94 | ppb |
| Phosphorus | 31-2 | 501.26 | 486.76 | 516.02 | 501.35 | 2.92 | ppb |
| Potassium | 39-2 | 917.84 | 921.66 | 929.74 | 923.08 | 0.66 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 93 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 0.42 | 0.30 | 0.92 | 0.55 | 60.37 | ppb |
| Selenium | 77-2 | 1.30 | 3.01 | 1.08 | 1.79 | 58.90 | ppb |
| Selenium | 78-2 | 1.88 | 0.10 | 1.91 | 1.30 | 79.85 | ppb |
| Silicon | 28-1 | 20.60 | 19.63 | 19.17 | 19.80 | 3.68 | ppb |
| Silver | 107-1 | 1.83 | 1.83 | 1.89 | 1.85 | 2.09 | ppb |
| Silver | 109-1 | 1.77 | 1.82 | 1.78 | 1.79 | 1.35 | ppb |
| Sodium | 23-2 | 2535.61 | 2602.41 | 2590.31 | 2576.11 | 1.38 | ppb |
| Strontium | 86-1 | 19.46 | 19.65 | 20.43 | 19.85 | 2.59 | ppb |
| Strontium | 88-1 | 19.73 | 19.71 | 20.29 | 19.91 | 1.65 | ppb |
| Sulfur | 34-1 | 3469.76 | 3242.86 | 3188.51 | 3300.38 | 4.52 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.11 | 0.11 | 0.10 | 0.11 | 7.02 | ppb |
| Thallium | 205-1 | 0.10 | 0.10 | 0.09 | 0.10 | 4.06 | ppb |
| Tin | 118-1 | 8.76 | 8.76 | 8.83 | 8.79 | 0.47 | ppb |
| Titanium | 47-1 | 95.22 | 91.94 | 91.10 | 92.75 | 2.35 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 20:44:41 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 0.39 | 0.41 | 0.42 | 0.41 | 3.69 | ppb |
| Vanadium | 51-2 | 16.68 | 16.90 | 16.95 | 16.85 | 0.84 | ppb |
| Yttrium | 89-1 | | | | 97 | | % |
| Yttrium | 89-2 | | | | 97 | | % |
| Zinc | 66-2 | 148.52 | 150.74 | 149.48 | 149.58 | 0.74 | ppb |
| Zirconium | 90-1 | 3.07 | 2.97 | 3.08 | 3.04 | 1.87 | ppb |
| Zirconium | 91-1 | 3.28 | 2.90 | 3.07 | 3.09 | 6.14 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:48:04 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 22136.29 | 21127.73 | 21835.11 | 21699.71 | 2.39 | ppb |
| Antimony | 121-1 | 92.07 | 92.98 | 90.70 | 91.92 | 1.25 | ppb |
| Arsenic | 75-2 | 164.34 | 157.56 | 158.15 | 160.02 | 2.35 | ppb |
| Barium | 135-1 | 947.47 | 968.52 | 931.45 | 949.15 | 1.96 | ppb |
| Barium | 137-1 | 995.52 | 1019.12 | 956.12 | 990.25 | 3.21 | ppb |
| Beryllium | 9-1 | 96.09 | 96.61 | 95.89 | 96.20 | 0.39 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 108.26 | 112.54 | 108.26 | 109.69 | 2.25 | ppb |
| Cadmium | 106-1 | 107.91 | 114.42 | 111.72 | 111.35 | 2.94 | ppb |
| Cadmium | 111-1 | 113.47 | 114.81 | 112.51 | 113.60 | 1.02 | ppb |
| Calcium | 43-1 | 21298.54 | 21245.72 | 21425.81 | 21323.35 | 0.43 | ppb |
| Calcium | 44-1 | 20732.26 | 20808.01 | 20842.38 | 20794.22 | 0.27 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 710.94 | 678.09 | 676.98 | 688.67 | 2.80 | ppb |
| Cobalt | 59-2 | 115.45 | 112.18 | 114.33 | 113.99 | 1.46 | ppb |
| Copper | 63-2 | 1607.97 | 1547.27 | 1564.89 | 1573.37 | 1.98 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 99 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 99 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 60201.24 | 59838.61 | 59439.54 | 59826.46 | 0.64 | ppb |
| Iron | 57-2 | 59520.32 | 58596.47 | 57482.25 | 58533.02 | 1.74 | ppb |
| Iron | 54-2 | 60991.10 | 58907.14 | 59579.26 | 59825.83 | 1.78 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:48:04 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1458.40 | 1415.61 | 1466.43 | 1446.81 | 1.89 | ppb |
| Lead | 207-1 | 1385.27 | 1365.96 | 1419.58 | 1390.27 | 1.95 | ppb |
| Lead | 208-1 | 1432.33 | 1377.67 | 1425.01 | 1411.67 | 2.10 | ppb |
| Lithium | 6-1 | | | | 84 | | % |
| Magnesium | 24-2 | 24842.50 | 24466.76 | 24757.25 | 24688.84 | 0.80 | ppb |
| Manganese | 55-2 | 1358.22 | 1308.99 | 1357.52 | 1341.57 | 2.10 | ppb |
| Molybdenum | 94-1 | 418.42 | 422.95 | 427.32 | 422.90 | 1.05 | ppb |
| Molybdenum | 95-1 | 300.49 | 303.23 | 305.35 | 303.02 | 0.80 | ppb |
| Molybdenum | 96-1 | 314.39 | 321.41 | 324.12 | 319.97 | 1.57 | ppb |
| Molybdenum | 97-1 | 305.43 | 311.42 | 308.13 | 308.33 | 0.97 | ppb |
| Molybdenum | 98-1 | 298.93 | 305.38 | 303.93 | 302.75 | 1.12 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 238.70 | 235.17 | 232.94 | 235.60 | 1.23 | ppb |
| Phosphorus | 31-2 | 2926.26 | 2763.31 | 2847.50 | 2845.69 | 2.86 | ppb |
| Potassium | 39-2 | 8977.47 | 8658.94 | 8631.12 | 8755.84 | 2.20 | ppb |
| Rhodium | 103-1 | | | | 97 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 92.06 | 89.97 | 94.27 | 92.10 | 2.34 | ppb |
| Selenium | 77-2 | 102.09 | 102.05 | 95.72 | 99.95 | 3.67 | ppb |
| Selenium | 78-2 | 97.57 | 92.04 | 92.53 | 94.05 | 3.25 | ppb |
| Silicon | 28-1 | 21.63 | 17.78 | 22.59 | 20.67 | 12.32 | ppb |
| Silver | 107-1 | 18.78 | 18.80 | 18.28 | 18.62 | 1.58 | ppb |
| Silver | 109-1 | 18.58 | 18.68 | 18.11 | 18.46 | 1.64 | ppb |
| Sodium | 23-2 | 25708.86 | 24551.31 | 24915.47 | 25058.55 | 2.36 | ppb |
| Strontium | 86-1 | 210.56 | 208.23 | 212.79 | 210.52 | 1.08 | ppb |
| Strontium | 88-1 | 217.04 | 218.71 | 222.75 | 219.50 | 1.34 | ppb |
| Sulfur | 34-1 | 24913.39 | 24471.40 | 24733.67 | 24706.16 | 0.90 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 82.06 | 81.81 | 85.02 | 82.96 | 2.15 | ppb |
| Thallium | 205-1 | 82.21 | 81.44 | 83.68 | 82.44 | 1.38 | ppb |
| Tin | 118-1 | 144.19 | 146.73 | 144.13 | 145.02 | 1.02 | ppb |
| Titanium | 47-1 | 455.88 | 466.05 | 457.61 | 459.85 | 1.18 | ppb |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:48:04 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 75.51 | 75.21 | 79.05 | 76.59 | 2.79 | ppb |
| Vanadium | 51-2 | 197.90 | 195.56 | 196.56 | 196.68 | 0.60 | ppb |
| Yttrium | 89-1 | | | | 105 | | % |
| Yttrium | 89-2 | | | | 102 | | % |
| Zinc | 66-2 | 2059.56 | 2022.91 | 2042.11 | 2041.53 | 0.90 | ppb |
| Zirconium | 90-1 | 94.26 | 95.34 | 97.35 | 95.65 | 1.64 | ppb |
| Zirconium | 91-1 | 94.78 | 97.54 | 97.01 | 96.45 | 1.52 | ppb |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:51:11 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 21762.98 | 21892.77 | 21860.26 | 21838.67 | 0.31 | ppb |
| Antimony | 121-1 | 91.50 | 91.55 | 90.69 | 91.25 | 0.53 | ppb |
| Arsenic | 75-2 | 163.60 | 165.10 | 164.40 | 164.37 | 0.46 | ppb |
| Barium | 135-1 | 939.42 | 957.80 | 941.21 | 946.15 | 1.07 | ppb |
| Barium | 137-1 | 982.15 | 1001.12 | 997.83 | 993.70 | 1.02 | ppb |
| Beryllium | 9-1 | 95.48 | 96.15 | 96.61 | 96.08 | 0.59 | ppb |
| Bismuth | 209-1 | | | | 99 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 110.74 | 109.25 | 106.27 | 108.75 | 2.09 | ppb |
| Cadmium | 106-1 | 111.67 | 105.73 | 108.91 | 108.77 | 2.73 | ppb |
| Cadmium | 111-1 | 111.52 | 110.94 | 111.19 | 111.22 | 0.26 | ppb |
| Calcium | 43-1 | 20983.08 | 21677.43 | 21093.60 | 21251.37 | 1.76 | ppb |
| Calcium | 44-1 | 20235.92 | 21303.55 | 21069.19 | 20869.55 | 2.69 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 685.51 | 678.43 | 689.21 | 684.38 | 0.80 | ppb |
| Cobalt | 59-2 | 112.02 | 114.89 | 113.57 | 113.49 | 1.26 | ppb |
| Copper | 63-2 | 1582.74 | 1573.87 | 1584.40 | 1580.34 | 0.36 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 98 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 59344.61 | 59462.32 | 59559.55 | 59455.49 | 0.18 | ppb |
| Iron | 57-2 | 57096.16 | 59385.55 | 57240.60 | 57907.44 | 2.21 | ppb |
| Iron | 54-2 | 59764.11 | 59568.48 | 59607.12 | 59646.57 | 0.17 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:51:11 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1415.19 | 1471.55 | 1465.80 | 1450.85 | 2.14 | ppb |
| Lead | 207-1 | 1423.33 | 1389.67 | 1367.33 | 1393.44 | 2.02 | ppb |
| Lead | 208-1 | 1420.58 | 1397.66 | 1408.06 | 1408.77 | 0.81 | ppb |
| Lithium | 6-1 | | | | 84 | | % |
| Magnesium | 24-2 | 24095.49 | 24705.42 | 24979.29 | 24593.40 | 1.84 | ppb |
| Manganese | 55-2 | 1335.19 | 1350.12 | 1365.46 | 1350.26 | 1.12 | ppb |
| Molybdenum | 94-1 | 417.99 | 425.10 | 427.61 | 423.57 | 1.18 | ppb |
| Molybdenum | 95-1 | 300.00 | 302.63 | 308.09 | 303.57 | 1.36 | ppb |
| Molybdenum | 96-1 | 314.01 | 318.51 | 324.94 | 319.15 | 1.72 | ppb |
| Molybdenum | 97-1 | 307.47 | 312.16 | 313.10 | 310.91 | 0.97 | ppb |
| Molybdenum | 98-1 | 300.90 | 305.52 | 308.46 | 304.96 | 1.25 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 230.85 | 236.89 | 236.33 | 234.69 | 1.42 | ppb |
| Phosphorus | 31-2 | 2717.23 | 2849.04 | 2884.22 | 2816.83 | 3.13 | ppb |
| Potassium | 39-2 | 8693.83 | 8932.42 | 8720.31 | 8782.18 | 1.49 | ppb |
| Rhodium | 103-1 | | | | 94 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 96 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 92.04 | 93.91 | 92.48 | 92.81 | 1.05 | ppb |
| Selenium | 77-2 | 101.50 | 92.45 | 95.11 | 96.35 | 4.83 | ppb |
| Selenium | 78-2 | 97.56 | 96.38 | 98.20 | 97.38 | 0.95 | ppb |
| Silicon | 28-1 | 19.50 | 17.95 | 17.16 | 18.21 | 6.55 | ppb |
| Silver | 107-1 | 21.78 | 21.82 | 21.58 | 21.73 | 0.59 | ppb |
| Silver | 109-1 | 21.44 | 21.35 | 21.49 | 21.43 | 0.34 | ppb |
| Sodium | 23-2 | 24971.13 | 25785.90 | 25496.83 | 25417.95 | 1.63 | ppb |
| Strontium | 86-1 | 207.39 | 212.70 | 216.64 | 212.24 | 2.19 | ppb |
| Strontium | 88-1 | 218.15 | 221.00 | 227.41 | 222.19 | 2.14 | ppb |
| Sulfur | 34-1 | 24412.63 | 25596.72 | 25000.41 | 25003.25 | 2.37 | ppb |
| Terbium | 159-1 | | | | 98 | | % |
| Terbium | 159-2 | | | | 100 | | % |
| Thallium | 203-1 | 82.22 | 81.51 | 82.33 | 82.02 | 0.54 | ppb |
| Thallium | 205-1 | 81.22 | 81.34 | 83.15 | 81.90 | 1.32 | ppb |
| Tin | 118-1 | 143.60 | 142.65 | 142.39 | 142.88 | 0.45 | ppb |
| Titanium | 47-1 | 456.82 | 479.99 | 456.54 | 464.45 | 2.90 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:51:11 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 76.60 | 76.51 | 77.17 | 76.76 | 0.46 | ppb |
| Vanadium | 51-2 | 191.85 | 199.32 | 197.02 | 196.06 | 1.95 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 2006.22 | 2055.04 | 2047.06 | 2036.11 | 1.29 | ppb |
| Zirconium | 90-1 | 95.32 | 96.92 | 99.20 | 97.15 | 2.00 | ppb |
| Zirconium | 91-1 | 96.20 | 97.85 | 97.78 | 97.27 | 0.96 | ppb |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:54:13 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19852.28 | 19867.00 | 19853.84 | 19857.71 | 0.04 | ppb |
| Antimony | 121-1 | 94.03 | 95.63 | 95.30 | 94.99 | 0.89 | ppb |
| Arsenic | 75-2 | 148.07 | 148.56 | 149.57 | 148.73 | 0.51 | ppb |
| Barium | 135-1 | 717.79 | 734.98 | 730.31 | 727.69 | 1.22 | ppb |
| Barium | 137-1 | 707.00 | 725.59 | 713.66 | 715.42 | 1.32 | ppb |
| Beryllium | 9-1 | 97.16 | 97.60 | 99.01 | 97.92 | 0.99 | ppb |
| Bismuth | 209-1 | | | | 95 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 102.24 | 104.33 | 109.57 | 105.38 | 3.58 | ppb |
| Cadmium | 106-1 | 104.73 | 104.48 | 106.39 | 105.20 | 0.98 | ppb |
| Cadmium | 111-1 | 107.35 | 108.78 | 108.54 | 108.22 | 0.71 | ppb |
| Calcium | 43-1 | 16954.11 | 16778.05 | 17376.43 | 17036.20 | 1.81 | ppb |
| Calcium | 44-1 | 16548.22 | 16294.73 | 16938.49 | 16593.81 | 1.95 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 556.49 | 545.37 | 543.43 | 548.43 | 1.28 | ppb |
| Cobalt | 59-2 | 111.59 | 109.04 | 109.00 | 109.88 | 1.35 | ppb |
| Copper | 63-2 | 1445.08 | 1407.31 | 1400.79 | 1417.73 | 1.69 | ppb |
| Dysprosium | 156-1 | | | | | | cps |
| Dysprosium | 156-2 | | | | | | cps |
| Erbium | 164-1 | | | | | | cps |
| Erbium | 164-2 | | | | | | cps |
| Gadolinium | 160-1 | | | | | | cps |
| Gadolinium | 160-2 | | | | | | cps |
| Holmium | 165-1 | | | | 97 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 96 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 55430.71 | 53845.13 | 53960.19 | 54412.01 | 1.62 | ppb |
| Iron | 57-2 | 54904.46 | 53676.77 | 52302.03 | 53627.75 | 2.43 | ppb |
| Iron | 54-2 | 55781.21 | 54830.19 | 54725.95 | 55112.45 | 1.06 | ppb |
| Krypton | 83-1 | | | | | | cps |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:54:13 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1054.68 | 1113.45 | 1070.97 | 1079.70 | 2.81 | ppb |
| Lead | 207-1 | 1000.94 | 1066.95 | 1044.48 | 1037.46 | 3.24 | ppb |
| Lead | 208-1 | 1043.38 | 1084.35 | 1057.25 | 1061.66 | 1.96 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 20372.64 | 19926.15 | 19839.65 | 20046.15 | 1.43 | ppb |
| Manganese | 55-2 | 1393.07 | 1362.21 | 1388.93 | 1381.40 | 1.21 | ppb |
| Molybdenum | 94-1 | 434.80 | 443.02 | 450.00 | 442.60 | 1.72 | ppb |
| Molybdenum | 95-1 | 319.06 | 321.00 | 323.24 | 321.10 | 0.65 | ppb |
| Molybdenum | 96-1 | 333.15 | 334.39 | 342.60 | 336.71 | 1.53 | ppb |
| Molybdenum | 97-1 | 327.02 | 324.04 | 329.04 | 326.70 | 0.77 | ppb |
| Molybdenum | 98-1 | 320.79 | 321.75 | 327.18 | 323.24 | 1.07 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 166.34 | 164.89 | 163.61 | 164.95 | 0.83 | ppb |
| Phosphorus | 31-2 | 2549.38 | 2444.61 | 2435.47 | 2476.49 | 2.56 | ppb |
| Potassium | 39-2 | 8620.86 | 8376.29 | 8389.34 | 8462.16 | 1.63 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 96 | | % |
| Selenium | 82-1 | 94.27 | 97.76 | 95.93 | 95.99 | 1.82 | ppb |
| Selenium | 77-2 | 107.41 | 104.19 | 106.46 | 106.02 | 1.56 | ppb |
| Selenium | 78-2 | 97.34 | 98.58 | 97.47 | 97.79 | 0.69 | ppb |
| Silicon | 28-1 | 43.26 | 31.78 | 33.23 | 36.09 | 17.33 | ppb |
| Silver | 107-1 | 23.98 | 24.11 | 24.28 | 24.12 | 0.61 | ppb |
| Silver | 109-1 | 23.60 | 23.62 | 23.60 | 23.61 | 0.03 | ppb |
| Sodium | 23-2 | 21956.62 | 21323.69 | 21582.61 | 21620.97 | 1.47 | ppb |
| Strontium | 86-1 | 187.84 | 190.99 | 191.42 | 190.08 | 1.03 | ppb |
| Strontium | 88-1 | 201.10 | 199.66 | 206.39 | 202.39 | 1.75 | ppb |
| Sulfur | 34-1 | 19760.11 | 19586.91 | 20521.03 | 19956.02 | 2.49 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 84.98 | 87.56 | 86.72 | 86.42 | 1.52 | ppb |
| Thallium | 205-1 | 84.10 | 88.36 | 86.98 | 86.48 | 2.52 | ppb |
| Tin | 118-1 | 127.13 | 128.43 | 128.43 | 128.00 | 0.59 | ppb |
| Titanium | 47-1 | 387.55 | 387.92 | 405.44 | 393.64 | 2.60 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:54:13 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 77.44 | 79.83 | 79.64 | 78.97 | 1.68 | ppb |
| Vanadium | 51-2 | 174.10 | 171.78 | 170.97 | 172.28 | 0.94 | ppb |
| Yttrium | 89-1 | | | | 99 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 1621.80 | 1591.57 | 1597.74 | 1603.70 | 1.00 | ppb |
| Zirconium | 90-1 | 98.12 | 99.62 | 100.30 | 99.35 | 1.12 | ppb |
| Zirconium | 91-1 | 98.62 | 99.65 | 100.44 | 99.57 | 0.92 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:57:18 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 23898.79 | 23970.50 | 24237.78 | 24035.69 | 0.74 | ppb |
| Antimony | 121-1 | 0.31 | 0.34 | 0.31 | 0.32 | 5.23 | ppb |
| Arsenic | 75-2 | 83.74 | 81.45 | 82.03 | 82.41 | 1.44 | ppb |
| Barium | 135-1 | 626.42 | 640.03 | 644.80 | 637.08 | 1.50 | ppb |
| Barium | 137-1 | 631.73 | 635.12 | 633.85 | 633.57 | 0.27 | ppb |
| Beryllium | 9-1 | 1.69 | 1.68 | 1.89 | 1.75 | 6.87 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 97 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 8.63 | 9.86 | 11.10 | 9.87 | 12.55 | ppb |
| Cadmium | 106-1 | 8.48 | 8.15 | 8.06 | 8.23 | 2.68 | ppb |
| Cadmium | 111-1 | 9.93 | 9.94 | 9.78 | 9.89 | 0.95 | ppb |
| Calcium | 43-1 | 11283.51 | 10758.94 | 10986.26 | 11009.57 | 2.39 | ppb |
| Calcium | 44-1 | 10736.87 | 10560.08 | 10792.52 | 10696.49 | 1.13 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 327.41 | 324.76 | 329.24 | 327.13 | 0.69 | ppb |
| Cobalt | 59-2 | 21.04 | 20.91 | 21.31 | 21.08 | 0.97 | ppb |
| Copper | 63-2 | 599.53 | 619.65 | 625.26 | 614.81 | 2.20 | 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 | | | | 97 | | % |
| Holmium | 165-2 | | | | 100 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 94 | | % |
| Iron | 56-2 | 66998.48 | 65831.62 | 68246.08 | 67025.39 | 1.80 | ppb |
| Iron | 57-2 | 65487.31 | 65425.40 | 67089.90 | 66000.87 | 1.43 | ppb |
| Iron | 54-2 | 68704.69 | 66608.50 | 70108.21 | 68473.80 | 2.57 | ppb |
| Krypton | 83-1 | | | | | | cps |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:57:18 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 941.33 | 953.98 | 980.08 | 958.46 | 2.06 | ppb |
| Lead | 207-1 | 920.29 | 917.97 | 903.56 | 913.94 | 0.99 | ppb |
| Lead | 208-1 | 926.39 | 941.15 | 938.67 | 935.40 | 0.84 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 13983.21 | 13950.82 | 14015.60 | 13983.21 | 0.23 | ppb |
| Manganese | 55-2 | 648.93 | 637.00 | 666.25 | 650.73 | 2.26 | ppb |
| Molybdenum | 94-1 | 33.88 | 32.65 | 33.09 | 33.21 | 1.89 | ppb |
| Molybdenum | 95-1 | 3.00 | 2.99 | 2.94 | 2.98 | 0.95 | ppb |
| Molybdenum | 96-1 | 6.54 | 6.50 | 6.38 | 6.47 | 1.36 | ppb |
| Molybdenum | 97-1 | 2.95 | 2.98 | 2.88 | 2.94 | 1.75 | ppb |
| Molybdenum | 98-1 | 2.92 | 2.93 | 2.91 | 2.92 | 0.44 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 100.42 | 98.00 | 100.39 | 99.60 | 1.40 | ppb |
| Phosphorus | 31-2 | 2627.58 | 2564.55 | 2557.48 | 2583.20 | 1.49 | ppb |
| Potassium | 39-2 | 5335.35 | 5228.45 | 5053.10 | 5205.63 | 2.74 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 95 | | % |
| Scandium | 45-2 | | | | 97 | | % |
| Selenium | 82-1 | 5.81 | 5.19 | 5.46 | 5.49 | 5.64 | ppb |
| Selenium | 77-2 | 13.32 | 12.98 | 10.86 | 12.39 | 10.77 | ppb |
| Selenium | 78-2 | 8.45 | 6.60 | 6.74 | 7.26 | 14.19 | ppb |
| Silicon | 28-1 | 20.89 | 18.26 | 52.34 | 30.50 | 62.18 | ppb |
| Silver | 107-1 | 9.30 | 9.58 | 9.67 | 9.52 | 2.07 | ppb |
| Silver | 109-1 | 9.18 | 9.45 | 9.56 | 9.40 | 2.06 | ppb |
| Sodium | 23-2 | 10632.62 | 10408.51 | 10418.24 | 10486.46 | 1.21 | ppb |
| Strontium | 86-1 | 104.88 | 101.25 | 101.71 | 102.62 | 1.93 | ppb |
| Strontium | 88-1 | 109.49 | 109.37 | 109.72 | 109.53 | 0.16 | ppb |
| Sulfur | 34-1 | 27519.17 | 25459.91 | 26082.61 | 26353.90 | 4.01 | ppb |
| Terbium | 159-1 | | | | 97 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 0.86 | 0.86 | 0.87 | 0.86 | 0.77 | ppb |
| Thallium | 205-1 | 0.86 | 0.87 | 0.85 | 0.86 | 1.03 | ppb |
| Tin | 118-1 | 86.44 | 89.11 | 87.82 | 87.79 | 1.52 | ppb |
| Titanium | 47-1 | 432.79 | 413.64 | 420.33 | 422.25 | 2.30 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:57:18 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 2.53 | 2.53 | 2.51 | 2.53 | 0.52 | ppb |
| Vanadium | 51-2 | 79.79 | 79.24 | 80.83 | 79.95 | 1.01 | ppb |
| Yttrium | 89-1 | | | | 102 | | % |
| Yttrium | 89-2 | | | | 103 | | % |
| Zinc | 66-2 | 1068.44 | 1052.50 | 1072.26 | 1064.40 | 0.98 | ppb |
| Zirconium | 90-1 | 17.27 | 17.01 | 16.99 | 17.09 | 0.92 | ppb |
| Zirconium | 91-1 | 17.57 | 16.73 | 16.99 | 17.10 | 2.51 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 21:00:24 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14987.34 | 14906.67 | 15147.62 | 15013.88 | 0.82 | ppb |
| Antimony | 121-1 | 0.37 | 0.37 | 0.37 | 0.37 | 0.23 | ppb |
| Arsenic | 75-2 | 81.21 | 78.69 | 80.51 | 80.14 | 1.62 | ppb |
| Barium | 135-1 | 343.20 | 348.16 | 355.20 | 348.85 | 1.73 | ppb |
| Barium | 137-1 | 347.14 | 347.49 | 359.20 | 351.28 | 1.95 | ppb |
| Beryllium | 9-1 | 0.97 | 0.95 | 1.06 | 0.99 | 5.85 | ppb |
| Bismuth | 209-1 | | | | 96 | | % |
| Bismuth | 209-2 | | | | 94 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 2.94 | 3.11 | 3.45 | 3.17 | 8.20 | ppb |
| Cadmium | 106-1 | 2.16 | 1.56 | 0.18 | 1.30 | 77.80 | ppb |
| Cadmium | 111-1 | 2.79 | 2.48 | 2.62 | 2.63 | 5.92 | ppb |
| Calcium | 43-1 | 5051.91 | 5155.90 | 5100.39 | 5102.73 | 1.02 | ppb |
| Calcium | 44-1 | 5084.06 | 5168.30 | 5099.42 | 5117.26 | 0.88 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 139.60 | 135.90 | 136.44 | 137.31 | 1.46 | ppb |
| Cobalt | 59-2 | 15.02 | 15.04 | 15.16 | 15.07 | 0.48 | ppb |
| Copper | 63-2 | 336.12 | 335.60 | 332.58 | 334.77 | 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 | | | | 96 | | % |
| Holmium | 165-2 | | | | 99 | | % |
| Indium | 115-1 | | | | 95 | | % |
| Indium | 115-2 | | | | 93 | | % |
| Iron | 56-2 | 56913.08 | 55114.89 | 54803.17 | 55610.38 | 2.05 | ppb |
| Iron | 57-2 | 54664.76 | 54668.08 | 54803.98 | 54712.27 | 0.15 | ppb |
| Iron | 54-2 | 56004.97 | 55022.80 | 56078.40 | 55702.06 | 1.06 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 21:00:24 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 848.43 | 862.59 | 876.89 | 862.64 | 1.65 | ppb |
| Lead | 207-1 | 802.32 | 825.35 | 791.16 | 806.28 | 2.16 | ppb |
| Lead | 208-1 | 831.62 | 842.77 | 824.80 | 833.06 | 1.09 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 8091.21 | 7732.17 | 7887.83 | 7903.74 | 2.28 | ppb |
| Manganese | 55-2 | 575.26 | 578.01 | 572.72 | 575.33 | 0.46 | ppb |
| Molybdenum | 94-1 | 20.91 | 22.15 | 21.13 | 21.39 | 3.09 | ppb |
| Molybdenum | 95-1 | 3.17 | 3.15 | 3.08 | 3.13 | 1.56 | ppb |
| Molybdenum | 96-1 | 5.22 | 5.49 | 5.05 | 5.25 | 4.19 | ppb |
| Molybdenum | 97-1 | 3.21 | 3.21 | 3.18 | 3.20 | 0.46 | ppb |
| Molybdenum | 98-1 | 3.10 | 3.10 | 3.14 | 3.11 | 0.75 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 65.91 | 66.23 | 65.38 | 65.84 | 0.65 | ppb |
| Phosphorus | 31-2 | 756.88 | 727.27 | 706.12 | 730.09 | 3.49 | ppb |
| Potassium | 39-2 | 2831.82 | 2793.37 | 2779.78 | 2801.66 | 0.96 | ppb |
| Rhodium | 103-1 | | | | 96 | | % |
| Rhodium | 103-2 | | | | 95 | | % |
| Scandium | 45-1 | | | | 94 | | % |
| Scandium | 45-2 | | | | 94 | | % |
| Selenium | 82-1 | 4.10 | 4.16 | 3.42 | 3.89 | 10.62 | ppb |
| Selenium | 77-2 | 12.72 | 12.30 | 12.91 | 12.64 | 2.49 | ppb |
| Selenium | 78-2 | 4.88 | 4.97 | 4.11 | 4.66 | 10.14 | ppb |
| Silicon | 28-1 | 60.61 | 56.57 | 62.18 | 59.79 | 4.84 | ppb |
| Silver | 107-1 | 3.92 | 3.99 | 4.06 | 3.99 | 1.76 | ppb |
| Silver | 109-1 | 3.93 | 3.93 | 3.91 | 3.92 | 0.34 | ppb |
| Sodium | 23-2 | 984.06 | 967.80 | 970.77 | 974.21 | 0.89 | ppb |
| Strontium | 86-1 | 40.83 | 41.60 | 40.10 | 40.84 | 1.83 | ppb |
| Strontium | 88-1 | 41.10 | 42.12 | 41.69 | 41.64 | 1.23 | ppb |
| Sulfur | 34-1 | 15770.99 | 16419.59 | 16056.66 | 16082.41 | 2.02 | ppb |
| Terbium | 159-1 | | | | 96 | | % |
| Terbium | 159-2 | | | | 98 | | % |
| Thallium | 203-1 | 0.52 | 0.52 | 0.47 | 0.50 | 5.53 | ppb |
| Thallium | 205-1 | 0.47 | 0.51 | 0.52 | 0.50 | 5.39 | ppb |
| Tin | 118-1 | 29.44 | 29.46 | 30.45 | 29.78 | 1.95 | ppb |
| Titanium | 47-1 | 309.62 | 312.40 | 304.76 | 308.92 | 1.25 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 21:00:24 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1.78 | 1.81 | 1.82 | 1.80 | 1.01 | ppb |
| Vanadium | 51-2 | 51.03 | 49.17 | 49.69 | 49.96 | 1.92 | ppb |
| Yttrium | 89-1 | | | | 100 | | % |
| Yttrium | 89-2 | | | | 100 | | % |
| Zinc | 66-2 | 670.08 | 662.00 | 664.82 | 665.63 | 0.62 | ppb |
| Zirconium | 90-1 | 10.36 | 10.47 | 10.28 | 10.37 | 0.94 | ppb |
| Zirconium | 91-1 | 10.45 | 10.72 | 10.30 | 10.49 | 2.03 | ppb |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:03:39 | DataFile Name : | 142CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 51398.84 | 50342.40 | 50699.30 | 50813.51 | 1.06 | ppb |
| Antimony | 121-1 | 518.76 | 513.40 | 528.35 | 520.17 | 1.46 | ppb |
| Arsenic | 75-2 | 493.47 | 494.75 | 498.29 | 495.50 | 0.50 | ppb |
| Barium | 135-1 | 2566.30 | 2614.30 | 2619.23 | 2599.94 | 1.12 | ppb |
| Barium | 137-1 | 2578.37 | 2596.74 | 2620.16 | 2598.42 | 0.81 | ppb |
| Beryllium | 9-1 | 522.57 | 518.39 | 516.70 | 519.22 | 0.58 | ppb |
| Bismuth | 209-1 | | | | 92 | | % |
| Bismuth | 209-2 | | | | 90 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | 492.15 | 477.52 | 487.10 | 485.59 | 1.53 | ppb |
| Cadmium | 106-1 | 497.28 | 497.98 | 493.78 | 496.35 | 0.45 | ppb |
| Cadmium | 111-1 | 491.05 | 489.60 | 496.27 | 492.31 | 0.71 | ppb |
| Calcium | 43-1 | 256479.82 | 260539.98 | 257218.87 | 258079.56 | 0.84 | ppb |
| Calcium | 44-1 | 260037.54 | 255615.91 | 252420.87 | 256024.77 | 1.49 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 509.01 | 524.60 | 513.56 | 515.72 | 1.55 | ppb |
| Cobalt | 59-2 | 523.55 | 520.69 | 540.12 | 528.12 | 1.99 | ppb |
| Copper | 63-2 | 5141.99 | 5287.45 | 5287.68 | 5239.04 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 101 | | % |
| Indium | 115-1 | | | | 93 | | % |
| Indium | 115-2 | | | | 90 | | % |
| Iron | 56-2 | 133582.32 | 136368.80 | 134461.00 | 134804.04 | 1.06 | ppb |
| Iron | 57-2 | 134296.90 | 138688.07 | 137846.12 | 136943.70 | 1.70 | ppb |
| Iron | 54-2 | 134115.67 | 134106.84 | 135728.38 | 134650.30 | 0.69 | ppb |
| Krypton | 83-1 | | | | | | cps |

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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:03:39 | DataFile Name : | 142CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2695.88 | 2680.02 | 2661.64 | 2679.18 | 0.64 | ppb |
| Lead | 207-1 | 2634.66 | 2592.57 | 2593.01 | 2606.74 | 0.93 | ppb |
| Lead | 208-1 | 2665.62 | 2636.90 | 2637.26 | 2646.59 | 0.62 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 260515.16 | 255227.00 | 260287.78 | 258676.65 | 1.16 | ppb |
| Manganese | 55-2 | 5226.61 | 5307.08 | 5302.03 | 5278.57 | 0.85 | ppb |
| Molybdenum | 94-1 | 5208.93 | 5300.17 | 5428.37 | 5312.49 | 2.08 | ppb |
| Molybdenum | 95-1 | 5131.69 | 5309.12 | 5306.21 | 5249.01 | 1.94 | ppb |
| Molybdenum | 96-1 | 5220.65 | 5335.48 | 5451.48 | 5335.87 | 2.16 | ppb |
| Molybdenum | 97-1 | 5199.97 | 5319.22 | 5337.35 | 5285.51 | 1.41 | ppb |
| Molybdenum | 98-1 | 5266.54 | 5339.94 | 5441.66 | 5349.38 | 1.64 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | 495.74 | 505.48 | 501.08 | 500.77 | 0.97 | ppb |
| Phosphorus | 31-2 | 10145.46 | 10186.88 | 10210.31 | 10180.88 | 0.32 | ppb |
| Potassium | 39-2 | 129957.59 | 130127.29 | 130019.98 | 130034.95 | 0.07 | ppb |
| Rhodium | 103-1 | | | | 91 | | % |
| Rhodium | 103-2 | | | | 91 | | % |
| Scandium | 45-1 | | | | 92 | | % |
| Scandium | 45-2 | | | | 92 | | % |
| Selenium | 82-1 | 488.31 | 497.62 | 499.08 | 495.00 | 1.18 | ppb |
| Selenium | 77-2 | 495.73 | 468.31 | 474.94 | 479.66 | 2.98 | ppb |
| Selenium | 78-2 | 476.11 | 466.19 | 472.47 | 471.59 | 1.06 | ppb |
| Silicon | 28-1 | 558.83 | 566.30 | 533.45 | 552.86 | 3.11 | ppb |
| Silver | 107-1 | 508.09 | 514.12 | 526.44 | 516.22 | 1.81 | ppb |
| Silver | 109-1 | 512.33 | 501.47 | 512.55 | 508.78 | 1.24 | ppb |
| Sodium | 23-2 | 260795.48 | 261213.23 | 257945.36 | 259984.69 | 0.68 | ppb |
| Strontium | 86-1 | 505.62 | 513.90 | 523.13 | 514.22 | 1.70 | ppb |
| Strontium | 88-1 | 537.00 | 540.65 | 542.18 | 539.94 | 0.49 | ppb |
| Sulfur | 34-1 | 9979.61 | 9844.29 | 9456.92 | 9760.27 | 2.78 | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 101 | | % |
| Thallium | 203-1 | 541.28 | 532.07 | 532.83 | 535.40 | 0.95 | ppb |
| Thallium | 205-1 | 540.61 | 533.10 | 530.69 | 534.80 | 0.97 | ppb |
| Tin | 118-1 | 524.47 | 534.64 | 533.48 | 530.86 | 1.05 | ppb |
| Titanium | 47-1 | 5269.07 | 5224.12 | 5129.14 | 5207.44 | 1.37 | ppb |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:03:39 | DataFile Name : | 142CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 513.78 | 512.44 | 515.90 | 514.04 | 0.34 | ppb |
| Vanadium | 51-2 | 523.82 | 529.44 | 528.57 | 527.28 | 0.57 | ppb |
| Yttrium | 89-1 | | | | 94 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 5091.91 | 5093.29 | 5120.18 | 5101.79 | 0.31 | ppb |
| Zirconium | 90-1 | 523.39 | 530.12 | 529.13 | 527.55 | 0.69 | ppb |
| Zirconium | 91-1 | 504.23 | 517.61 | 524.78 | 515.54 | 2.02 | ppb |

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On:10/24/2025 6:19:47 PM
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LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:06:31 | DataFile Name : | 143CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 0.17 | -0.31 | -0.20 | -0.11 | | ppb |
| Antimony | 121-1 | 0.18 | 0.18 | 0.21 | 0.19 | 8.23 | ppb |
| Arsenic | 75-2 | -0.02 | -0.03 | -0.01 | -0.02 | | ppb |
| Barium | 135-1 | 0.01 | -0.01 | -0.01 | 0.00 | | ppb |
| Barium | 137-1 | 0.02 | 0.02 | 0.03 | 0.02 | 26.62 | ppb |
| Beryllium | 9-1 | 0.00 | 0.01 | 0.02 | 0.01 | 73.99 | ppb |
| Bismuth | 209-1 | | | | 97 | | % |
| Bismuth | 209-2 | | | | 96 | | % |
| Bromine | 81-1 | | | | | | cps |
| Bromine | 81-2 | | | | | | cps |
| Cadmium | 108-1 | -0.06 | -0.06 | -0.09 | -0.07 | | ppb |
| Cadmium | 106-1 | -2.34 | -3.29 | -2.33 | -2.65 | | ppb |
| Cadmium | 111-1 | -0.15 | -0.21 | -0.15 | -0.17 | | ppb |
| Calcium | 43-1 | 0.73 | -1.74 | -3.68 | -1.57 | | ppb |
| Calcium | 44-1 | 3.80 | 5.80 | 6.70 | 5.44 | 27.28 | ppb |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | -0.02 | 0.00 | 0.00 | 0.00 | | ppb |
| Cobalt | 59-2 | -0.02 | -0.01 | -0.02 | -0.02 | | ppb |
| Copper | 63-2 | 0.16 | 0.17 | 0.14 | 0.16 | 7.75 | 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 | | | | 98 | | % |
| Holmium | 165-2 | | | | 98 | | % |
| Indium | 115-1 | | | | 94 | | % |
| Indium | 115-2 | | | | 92 | | % |
| Iron | 56-2 | 3.03 | 3.18 | 2.91 | 3.04 | 4.49 | ppb |
| Iron | 57-2 | 1.69 | 3.15 | 2.98 | 2.61 | 30.74 | ppb |
| Iron | 54-2 | 2.90 | 3.07 | 1.84 | 2.60 | 25.68 | ppb |
| Krypton | 83-1 | | | | | | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:06:31 | DataFile Name : | 143CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 0.12 | 0.13 | 0.11 | 0.12 | 6.49 | ppb |
| Lead | 207-1 | 0.11 | 0.11 | 0.11 | 0.11 | 3.31 | ppb |
| Lead | 208-1 | 0.11 | 0.12 | 0.11 | 0.11 | 6.82 | ppb |
| Lithium | 6-1 | | | | 83 | | % |
| Magnesium | 24-2 | 1.54 | 1.63 | 1.35 | 1.51 | 9.68 | ppb |
| Manganese | 55-2 | -0.03 | -0.04 | 0.01 | -0.02 | | ppb |
| Molybdenum | 94-1 | 0.24 | 0.23 | 0.21 | 0.23 | 6.18 | ppb |
| Molybdenum | 95-1 | 0.22 | 0.13 | 0.14 | 0.16 | 28.30 | ppb |
| Molybdenum | 96-1 | 0.19 | 0.18 | 0.15 | 0.17 | 13.62 | ppb |
| Molybdenum | 97-1 | 0.18 | 0.15 | 0.17 | 0.17 | 7.73 | ppb |
| Molybdenum | 98-1 | 0.18 | 0.16 | 0.12 | 0.15 | 22.63 | ppb |
| Neodymium | 150-1 | | | | | | cps |
| Neodymium | 150-2 | | | | | | cps |
| Nickel | 60-2 | -0.17 | -0.18 | -0.21 | -0.19 | | ppb |
| Phosphorus | 31-2 | -66.28 | -64.51 | -61.44 | -64.08 | | ppb |
| Potassium | 39-2 | 37.39 | 32.33 | 33.99 | 34.57 | 7.47 | ppb |
| Rhodium | 103-1 | | | | 95 | | % |
| Rhodium | 103-2 | | | | 96 | | % |
| Scandium | 45-1 | | | | 90 | | % |
| Scandium | 45-2 | | | | 89 | | % |
| Selenium | 82-1 | -0.01 | 0.49 | -0.09 | 0.13 | 242.61 | ppb |
| Selenium | 77-2 | -0.16 | 0.35 | -0.16 | 0.01 | 2485.71 | ppb |
| Selenium | 78-2 | -0.23 | 0.04 | -0.08 | -0.09 | | ppb |
| Silicon | 28-1 | -0.36 | -0.32 | -0.07 | -0.25 | | ppb |
| Silver | 107-1 | 0.04 | 0.04 | 0.02 | 0.03 | 27.43 | ppb |
| Silver | 109-1 | 0.04 | 0.03 | 0.03 | 0.03 | 9.05 | ppb |
| Sodium | 23-2 | 65.37 | 63.63 | 62.21 | 63.74 | 2.49 | ppb |
| Strontium | 86-1 | 0.03 | 0.03 | 0.07 | 0.04 | 56.07 | ppb |
| Strontium | 88-1 | 0.01 | 0.01 | 0.01 | 0.01 | 24.14 | ppb |
| Sulfur | 34-1 | -221.00 | -238.48 | -9.80 | -156.43 | | ppb |
| Terbium | 159-1 | | | | 99 | | % |
| Terbium | 159-2 | | | | 99 | | % |
| Thallium | 203-1 | 0.07 | 0.04 | 0.04 | 0.05 | 35.70 | ppb |
| Thallium | 205-1 | 0.05 | 0.05 | 0.04 | 0.05 | 15.74 | ppb |
| Tin | 118-1 | 0.09 | 0.03 | 0.08 | 0.06 | 44.15 | ppb |
| Titanium | 47-1 | 0.07 | 0.01 | 0.02 | 0.03 | 99.48 | ppb |

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Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:06:31 | DataFile Name : | 143CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | -0.01 | -0.01 | -0.01 | -0.01 | | ppb |
| Vanadium | 51-2 | 0.00 | 0.00 | 0.00 | 0.00 | 497.62 | ppb |
| Yttrium | 89-1 | | | | 93 | | % |
| Yttrium | 89-2 | | | | 94 | | % |
| Zinc | 66-2 | 0.53 | 0.63 | 0.30 | 0.49 | 34.24 | ppb |
| Zirconium | 90-1 | 0.05 | 0.05 | 0.04 | 0.05 | 12.20 | ppb |
| Zirconium | 91-1 | 0.06 | 0.05 | 0.02 | 0.04 | 46.15 | ppb |

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LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S0 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:54:14 | DataFile Name : | 010CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 497 | 480 | 560 | 512 | 8.24 | cps |
| Antimony | 121-1 | 27 | 37 | 83 | 49 | 61.86 | cps |
| Arsenic | 75-2 | 18 | 8 | 15 | 14 | 37.49 | cps |
| Barium | 135-1 | 40 | 53 | 43 | 46 | 15.23 | cps |
| Barium | 137-1 | 57 | 67 | 57 | 60 | 9.62 | cps |
| Beryllium | 9-1 | 27 | 7 | 30 | 21 | 59.77 | cps |
| Bismuth | 209-1 | 2947728 | 3058365 | 2983109 | 2996401 | 1.89 | cps |
| Bismuth | 209-2 | 2748204 | 2769265 | 2678421 | 2731963 | 1.74 | cps |
| Bromine | 81-1 | 7956 | 7872 | 7846 | 7891 | 0.73 | cps |
| Bromine | 81-2 | 130 | 153 | 130 | 138 | 9.78 | cps |
| Cadmium | 108-1 | 7 | 20 | 10 | 12 | 56.76 | cps |
| Cadmium | 106-1 | 1863 | 2047 | 1907 | 1939 | 4.94 | cps |
| Cadmium | 111-1 | 1333 | 1439 | 1354 | 1375 | 4.06 | cps |
| Calcium | 43-1 | 180 | 190 | 197 | 189 | 4.44 | cps |
| Calcium | 44-1 | 16359 | 16112 | 16116 | 16196 | 0.87 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1607 | 1637 | 1723 | 1656 | 3.66 | cps |
| Cobalt | 59-2 | 97 | 160 | 130 | 129 | 24.58 | cps |
| Copper | 63-2 | 880 | 867 | 823 | 857 | 3.46 | cps |
| Dysprosium | 156-1 | 10 | 7 | 7 | 8 | 24.71 | cps |
| Dysprosium | 156-2 | 3 | 0 | 3 | 2 | 86.60 | cps |
| Erbium | 164-1 | 13 | 37 | 13 | 21 | 63.83 | cps |
| Erbium | 164-2 | 10 | 10 | 13 | 11 | 17.30 | cps |
| Gadolinium | 160-1 | 27 | 23 | 30 | 27 | 12.51 | cps |
| Gadolinium | 160-2 | 247 | 240 | 293 | 260 | 11.18 | cps |
| Holmium | 165-1 | 4711001 | 4747392 | 4563777 | 4674057 | 2.08 | cps |
| Holmium | 165-2 | 3624372 | 3592060 | 3530696 | 3582376 | 1.33 | cps |
| Indium | 115-1 | 3797635 | 3757346 | 3838113 | 3797698 | 1.06 | cps |
| Indium | 115-2 | 1546224 | 1522855 | 1509886 | 1526322 | 1.21 | cps |
| Iron | 56-2 | 21853 | 21726 | 21909 | 21829 | 0.43 | cps |
| Iron | 57-2 | 1490 | 1517 | 1457 | 1488 | 2.02 | cps |
| Iron | 54-2 | 2220 | 2367 | 2210 | 2266 | 3.87 | cps |
| Krypton | 83-1 | 313 | 323 | 320 | 319 | 1.60 | cps |

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Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S0 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:54:14 | DataFile Name : | 010CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 277 | 260 | 280 | 272 | 3.94 | cps |
| Lead | 207-1 | 220 | 233 | 170 | 208 | 16.07 | cps |
| Lead | 208-1 | 1023 | 1003 | 1033 | 1020 | 1.50 | cps |
| Lithium | 6-1 | 721829 | 720739 | 721568 | 721379 | 0.08 | cps |
| Magnesium | 24-2 | 343 | 237 | 273 | 284 | 19.05 | cps |
| Manganese | 55-2 | 700 | 697 | 780 | 726 | 6.50 | cps |
| Molybdenum | 94-1 | 237 | 190 | 220 | 216 | 10.97 | cps |
| Molybdenum | 95-1 | 120 | 173 | 153 | 149 | 18.10 | cps |
| Molybdenum | 96-1 | 313 | 237 | 227 | 259 | 18.32 | cps |
| Molybdenum | 97-1 | 143 | 130 | 147 | 140 | 6.30 | cps |
| Molybdenum | 98-1 | 337 | 300 | 363 | 333 | 9.54 | cps |
| Neodymium | 150-1 | 3 | 0 | 3 | 2 | 86.60 | cps |
| Neodymium | 150-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Nickel | 60-2 | 593 | 623 | 520 | 579 | 9.18 | cps |
| Phosphorus | 31-2 | 733 | 797 | 857 | 796 | 7.75 | cps |
| Potassium | 39-2 | 56267 | 56645 | 55905 | 56272 | 0.66 | cps |
| Rhodium | 103-1 | 3837390 | 3820038 | 3802037 | 3819821 | 0.46 | cps |
| Rhodium | 103-2 | 2596678 | 2621626 | 2541709 | 2586671 | 1.58 | cps |
| Scandium | 45-1 | 2429537 | 2418088 | 2389905 | 2412510 | 0.85 | cps |
| Scandium | 45-2 | 260887 | 255817 | 255430 | 257378 | 1.18 | cps |
| Selenium | 82-1 | 320 | 250 | 285 | 285 | 12.38 | cps |
| Selenium | 77-2 | 7 | 0 | 0 | 2 | 173.21 | cps |
| Selenium | 78-2 | 343 | 360 | 327 | 343 | 4.86 | cps |
| Silicon | 28-1 | 644903 | 634708 | 638863 | 639491 | 0.80 | cps |
| Silver | 107-1 | 67 | 83 | 87 | 79 | 13.58 | cps |
| Silver | 109-1 | 83 | 53 | 67 | 68 | 22.18 | cps |
| Sodium | 23-2 | 14924 | 14894 | 14831 | 14883 | 0.32 | cps |
| Strontium | 86-1 | 523 | 547 | 573 | 548 | 4.57 | cps |
| Strontium | 88-1 | 77 | 97 | 97 | 90 | 12.83 | cps |
| Sulfur | 34-1 | 165755 | 165360 | 166422 | 165846 | 0.32 | cps |
| Terbium | 159-1 | 4618147 | 4717195 | 4697029 | 4677457 | 1.12 | cps |
| Terbium | 159-2 | 3516894 | 3430933 | 3449297 | 3465708 | 1.31 | cps |
| Thallium | 203-1 | 177 | 137 | 167 | 160 | 13.01 | cps |
| Thallium | 205-1 | 457 | 427 | 497 | 460 | 7.63 | cps |
| Tin | 118-1 | 1067 | 967 | 943 | 992 | 6.60 | cps |
| Titanium | 47-1 | 73 | 53 | 57 | 61 | 17.53 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S0 | Instrumnet Name : | P7 |
| Client Sample ID : | S0 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:54:14 | DataFile Name : | 010CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 260 | 230 | 207 | 232 | 11.51 | cps |
| Vanadium | 51-2 | 27 | 20 | 17 | 21 | 24.12 | cps |
| Yttrium | 89-1 | 6822713 | 6778192 | 6676419 | 6759108 | 1.11 | cps |
| Yttrium | 89-2 | 2075196 | 2062143 | 2049406 | 2062248 | 0.63 | cps |
| Zinc | 66-2 | 1380 | 1307 | 1267 | 1318 | 4.36 | cps |
| Zirconium | 90-1 | 250 | 230 | 307 | 262 | 15.17 | cps |
| Zirconium | 91-1 | 57 | 70 | 63 | 63 | 10.52 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S2 | Instrumnet Name : | P7 |
| Client Sample ID : | S2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:57:32 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4034 | 3911 | 3837 | 3927 | 2.53 | cps |
| Antimony | 121-1 | 9683 | 9910 | 10007 | 9867 | 1.68 | cps |
| Arsenic | 75-2 | 482 | 429 | 416 | 442 | 7.94 | cps |
| Barium | 135-1 | 11198 | 10908 | 11291 | 11132 | 1.80 | cps |
| Barium | 137-1 | 19380 | 19700 | 19550 | 19544 | 0.82 | cps |
| Beryllium | 9-1 | 1210 | 1053 | 1077 | 1113 | 7.59 | cps |
| Bismuth | 209-1 | 2962692 | 2975284 | 2980570 | 2972849 | 0.31 | cps |
| Bismuth | 209-2 | 2840547 | 2690659 | 2707828 | 2746345 | 2.99 | cps |
| Bromine | 81-1 | 7946 | 7829 | 7702 | 7825 | 1.56 | cps |
| Bromine | 81-2 | 100 | 133 | 97 | 110 | 18.43 | cps |
| Cadmium | 108-1 | 123 | 110 | 120 | 118 | 5.89 | cps |
| Cadmium | 106-1 | 2023 | 2227 | 1840 | 2030 | 9.53 | cps |
| Cadmium | 111-1 | 2837 | 3115 | 2694 | 2882 | 7.43 | cps |
| Calcium | 43-1 | 8032 | 7969 | 7905 | 7969 | 0.80 | cps |
| Calcium | 44-1 | 141866 | 141200 | 141433 | 141500 | 0.24 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 7285 | 7122 | 7329 | 7245 | 1.51 | cps |
| Cobalt | 59-2 | 5068 | 4667 | 4661 | 4799 | 4.85 | cps |
| Copper | 63-2 | 7789 | 7395 | 7112 | 7432 | 4.57 | cps |
| Dysprosium | 156-1 | 7 | 3 | 17 | 9 | 78.08 | cps |
| Dysprosium | 156-2 | 20 | 7 | 7 | 11 | 69.25 | cps |
| Erbium | 164-1 | 17 | 27 | 37 | 27 | 37.50 | cps |
| Erbium | 164-2 | 13 | 20 | 10 | 14 | 35.26 | cps |
| Gadolinium | 160-1 | 37 | 40 | 13 | 30 | 48.44 | cps |
| Gadolinium | 160-2 | 300 | 290 | 280 | 290 | 3.45 | cps |
| Holmium | 165-1 | 4539262 | 4561719 | 4698934 | 4599972 | 1.88 | cps |
| Holmium | 165-2 | 3574942 | 3484869 | 3582014 | 3547275 | 1.53 | cps |
| Indium | 115-1 | 3798989 | 3768195 | 3794207 | 3787130 | 0.44 | cps |
| Indium | 115-2 | 1536276 | 1517272 | 1527110 | 1526886 | 0.62 | cps |
| Iron | 56-2 | 158628 | 159193 | 157503 | 158441 | 0.54 | cps |
| Iron | 57-2 | 5333 | 4956 | 5070 | 5119 | 3.77 | cps |
| Iron | 54-2 | 10010 | 9850 | 9997 | 9952 | 0.89 | cps |
| Krypton | 83-1 | 357 | 417 | 343 | 372 | 10.49 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S2 | Instrumnet Name : | P7 |
| Client Sample ID : | S2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:57:32 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4104 | 3967 | 4044 | 4038 | 1.70 | cps |
| Lead | 207-1 | 3497 | 3477 | 3380 | 3452 | 1.81 | cps |
| Lead | 208-1 | 15974 | 15847 | 15740 | 15854 | 0.74 | cps |
| Lithium | 6-1 | 715228 | 715481 | 718379 | 716363 | 0.24 | cps |
| Magnesium | 24-2 | 150412 | 148324 | 148412 | 149049 | 0.79 | cps |
| Manganese | 55-2 | 2777 | 2937 | 2897 | 2870 | 2.90 | cps |
| Molybdenum | 94-1 | 10968 | 10684 | 10894 | 10849 | 1.36 | cps |
| Molybdenum | 95-1 | 13386 | 13550 | 13119 | 13352 | 1.63 | cps |
| Molybdenum | 96-1 | 14477 | 14517 | 14764 | 14586 | 1.07 | cps |
| Molybdenum | 97-1 | 8416 | 8406 | 8192 | 8338 | 1.51 | cps |
| Molybdenum | 98-1 | 21412 | 21185 | 21706 | 21435 | 1.22 | cps |
| Neodymium | 150-1 | 0 | 10 | 3 | 4 | 114.60 | cps |
| Neodymium | 150-2 | 0 | 3 | 0 | 1 | 173.21 | cps |
| Nickel | 60-2 | 1800 | 1757 | 1697 | 1751 | 2.96 | cps |
| Phosphorus | 31-2 | 1080 | 1053 | 1080 | 1071 | 1.44 | cps |
| Potassium | 39-2 | 218543 | 217999 | 218885 | 218476 | 0.20 | cps |
| Rhodium | 103-1 | 3799475 | 3759946 | 3806353 | 3788591 | 0.66 | cps |
| Rhodium | 103-2 | 2615416 | 2536130 | 2582870 | 2578138 | 1.55 | cps |
| Scandium | 45-1 | 2367637 | 2380138 | 2379045 | 2375607 | 0.29 | cps |
| Scandium | 45-2 | 259269 | 257067 | 251742 | 256026 | 1.51 | cps |
| Selenium | 82-1 | 929 | 765 | 881 | 858 | 9.82 | cps |
| Selenium | 77-2 | 100 | 90 | 100 | 97 | 5.97 | cps |
| Selenium | 78-2 | 557 | 587 | 537 | 560 | 4.49 | cps |
| Silicon | 28-1 | 654421 | 660277 | 653548 | 656082 | 0.56 | cps |
| Silver | 107-1 | 7012 | 7115 | 6815 | 6981 | 2.18 | cps |
| Silver | 109-1 | 6615 | 6938 | 6842 | 6798 | 2.44 | cps |
| Sodium | 23-2 | 249006 | 246995 | 247375 | 247792 | 0.43 | cps |
| Strontium | 86-1 | 2114 | 2267 | 2230 | 2204 | 3.63 | cps |
| Strontium | 88-1 | 14260 | 14617 | 14557 | 14478 | 1.32 | cps |
| Sulfur | 34-1 | 174052 | 172551 | 172562 | 173055 | 0.50 | cps |
| Terbium | 159-1 | 4583729 | 4605453 | 4677839 | 4622340 | 1.07 | cps |
| Terbium | 159-2 | 3433675 | 3395389 | 3397623 | 3408895 | 0.63 | cps |
| Thallium | 203-1 | 5028 | 5051 | 4868 | 4982 | 2.00 | cps |
| Thallium | 205-1 | 11688 | 11368 | 12172 | 11743 | 3.45 | cps |
| Tin | 118-1 | 21309 | 21466 | 21950 | 21575 | 1.55 | cps |
| Titanium | 47-1 | 3841 | 3724 | 3507 | 3690 | 4.58 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S2 | Instrumnet Name : | P7 |
| Client Sample ID : | S2 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 11:57:32 | DataFile Name : | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 14405 | 14241 | 14014 | 14220 | 1.38 | cps |
| Vanadium | 51-2 | 12545 | 12138 | 12148 | 12277 | 1.89 | cps |
| Yttrium | 89-1 | 6768362 | 6784534 | 6846889 | 6799928 | 0.61 | cps |
| Yttrium | 89-2 | 2094838 | 2034196 | 1985019 | 2038018 | 2.70 | cps |
| Zinc | 66-2 | 4451 | 4497 | 4594 | 4514 | 1.62 | cps |
| Zirconium | 90-1 | 8863 | 9223 | 8976 | 9021 | 2.04 | cps |
| Zirconium | 91-1 | 2054 | 2060 | 2127 | 2080 | 1.95 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S3 | Instrumnet Name : | P7 |
| Client Sample ID : | S3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:04:15 | DataFile Name : | 013CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 157607 | 156257 | 156786 | 156883 | 0.43 | cps |
| Antimony | 121-1 | 222875 | 225393 | 229457 | 225908 | 1.47 | cps |
| Arsenic | 75-2 | 19626 | 19884 | 19277 | 19596 | 1.55 | cps |
| Barium | 135-1 | 255018 | 259627 | 257036 | 257227 | 0.90 | cps |
| Barium | 137-1 | 441025 | 446521 | 449745 | 445763 | 0.99 | cps |
| Beryllium | 9-1 | 47877 | 49184 | 48599 | 48553 | 1.35 | cps |
| Bismuth | 209-1 | 2952245 | 2936219 | 3034244 | 2974236 | 1.77 | cps |
| Bismuth | 209-2 | 2720628 | 2687412 | 2698925 | 2702322 | 0.62 | cps |
| Bromine | 81-1 | 7422 | 7675 | 7319 | 7472 | 2.46 | cps |
| Bromine | 81-2 | 117 | 127 | 110 | 118 | 7.12 | cps |
| Cadmium | 108-1 | 4864 | 4901 | 4901 | 4889 | 0.43 | cps |
| Cadmium | 106-1 | 8693 | 8289 | 8509 | 8497 | 2.38 | cps |
| Cadmium | 111-1 | 69684 | 70223 | 68717 | 69541 | 1.10 | cps |
| Calcium | 43-1 | 70061 | 69311 | 69502 | 69625 | 0.56 | cps |
| Calcium | 44-1 | 1151358 | 1161807 | 1142035 | 1151733 | 0.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 197076 | 196945 | 194444 | 196155 | 0.76 | cps |
| Cobalt | 59-2 | 199244 | 197737 | 199643 | 198874 | 0.51 | cps |
| Copper | 63-2 | 1547911 | 1559476 | 1587880 | 1565089 | 1.31 | cps |
| Dysprosium | 156-1 | 13 | 23 | 20 | 19 | 26.96 | cps |
| Dysprosium | 156-2 | 30 | 13 | 37 | 27 | 45.08 | cps |
| Erbium | 164-1 | 33 | 43 | 40 | 39 | 13.09 | cps |
| Erbium | 164-2 | 20 | 33 | 47 | 33 | 40.01 | cps |
| Gadolinium | 160-1 | 20 | 27 | 13 | 20 | 33.35 | cps |
| Gadolinium | 160-2 | 253 | 263 | 290 | 269 | 7.05 | cps |
| Holmium | 165-1 | 4615743 | 4480567 | 4510191 | 4535501 | 1.57 | cps |
| Holmium | 165-2 | 3504046 | 3450193 | 3476577 | 3476939 | 0.77 | cps |
| Indium | 115-1 | 3741480 | 3733578 | 3690823 | 3721961 | 0.73 | cps |
| Indium | 115-2 | 1498166 | 1489688 | 1496180 | 1494678 | 0.30 | cps |
| Iron | 56-2 | 6413982 | 6407342 | 6263218 | 6361514 | 1.34 | cps |
| Iron | 57-2 | 168476 | 166314 | 165897 | 166896 | 0.83 | cps |
| Iron | 54-2 | 375339 | 372449 | 371424 | 373071 | 0.54 | cps |
| Krypton | 83-1 | 380 | 410 | 417 | 402 | 4.86 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S3 | Instrumnet Name : | P7 |
| Client Sample ID : | S3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:04:15 | DataFile Name : | 013CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 838741 | 852302 | 848183 | 846409 | 0.82 | cps |
| Lead | 207-1 | 715086 | 730125 | 724713 | 723308 | 1.05 | cps |
| Lead | 208-1 | 3410219 | 3447881 | 3453398 | 3437166 | 0.68 | cps |
| Lithium | 6-1 | 707763 | 704189 | 700889 | 704280 | 0.49 | cps |
| Magnesium | 24-2 | 1356107 | 1380029 | 1317712 | 1351282 | 2.33 | cps |
| Manganese | 55-2 | 1093653 | 1087243 | 1082408 | 1087768 | 0.52 | cps |
| Molybdenum | 94-1 | 840682 | 846150 | 849891 | 845574 | 0.55 | cps |
| Molybdenum | 95-1 | 1196237 | 1206046 | 1188964 | 1197083 | 0.72 | cps |
| Molybdenum | 96-1 | 1298468 | 1315095 | 1299304 | 1304289 | 0.72 | cps |
| Molybdenum | 97-1 | 740104 | 736132 | 741782 | 739339 | 0.39 | cps |
| Molybdenum | 98-1 | 1925177 | 1953450 | 1958775 | 1945801 | 0.93 | cps |
| Neodymium | 150-1 | 27 | 27 | 3 | 19 | 71.34 | cps |
| Neodymium | 150-2 | 3 | 10 | 27 | 13 | 90.16 | cps |
| Nickel | 60-2 | 71664 | 71027 | 72468 | 71719 | 1.01 | cps |
| Phosphorus | 31-2 | 10173 | 9983 | 9683 | 9947 | 2.49 | cps |
| Potassium | 39-2 | 789746 | 794414 | 791271 | 791810 | 0.30 | cps |
| Rhodium | 103-1 | 3817880 | 3701837 | 3749910 | 3756542 | 1.55 | cps |
| Rhodium | 103-2 | 2502952 | 2504479 | 2508163 | 2505198 | 0.11 | cps |
| Scandium | 45-1 | 2434568 | 2369389 | 2341711 | 2381889 | 2.00 | cps |
| Scandium | 45-2 | 254733 | 251461 | 254288 | 253494 | 0.70 | cps |
| Selenium | 82-1 | 5862 | 5816 | 5969 | 5882 | 1.33 | cps |
| Selenium | 77-2 | 667 | 693 | 813 | 724 | 10.78 | cps |
| Selenium | 78-2 | 2550 | 2694 | 2797 | 2680 | 4.62 | cps |
| Silicon | 28-1 | 3245502 | 3321174 | 3275579 | 3280752 | 1.16 | cps |
| Silver | 107-1 | 321375 | 329475 | 325115 | 325322 | 1.25 | cps |
| Silver | 109-1 | 305189 | 311237 | 311152 | 309193 | 1.12 | cps |
| Sodium | 23-2 | 2178337 | 2135920 | 2061610 | 2125289 | 2.78 | cps |
| Strontium | 86-1 | 76203 | 75174 | 76404 | 75927 | 0.87 | cps |
| Strontium | 88-1 | 661348 | 671201 | 669313 | 667287 | 0.78 | cps |
| Sulfur | 34-1 | 200352 | 199485 | 198002 | 199280 | 0.60 | cps |
| Terbium | 159-1 | 4485318 | 4527548 | 4564745 | 4525870 | 0.88 | cps |
| Terbium | 159-2 | 3425263 | 3390187 | 3411330 | 3408927 | 0.52 | cps |
| Thallium | 203-1 | 205008 | 208779 | 209083 | 207624 | 1.09 | cps |
| Thallium | 205-1 | 489210 | 495431 | 500882 | 495175 | 1.18 | cps |
| Tin | 118-1 | 187575 | 189306 | 189319 | 188733 | 0.53 | cps |
| Titanium | 47-1 | 327046 | 329632 | 329362 | 328680 | 0.43 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S3 | Instrumnet Name : | P7 |
| Client Sample ID : | S3 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:04:15 | DataFile Name : | 013CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 607662 | 623342 | 618332 | 616445 | 1.30 | cps |
| Vanadium | 51-2 | 106809 | 108453 | 108114 | 107792 | 0.81 | cps |
| Yttrium | 89-1 | 6707784 | 6642348 | 6646586 | 6665572 | 0.55 | cps |
| Yttrium | 89-2 | 2014970 | 1968088 | 2006419 | 1996492 | 1.25 | cps |
| Zinc | 66-2 | 308951 | 307582 | 305693 | 307409 | 0.53 | cps |
| Zirconium | 90-1 | 409421 | 412554 | 413596 | 411857 | 0.53 | cps |
| Zirconium | 91-1 | 91611 | 91805 | 91745 | 91720 | 0.11 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S4 | Instrumnet Name : | P7 |
| Client Sample ID : | S4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:07:29 | DataFile Name : | 014CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 391056 | 392289 | 384445 | 389263 | 1.08 | cps |
| Antimony | 121-1 | 578670 | 583767 | 575229 | 579222 | 0.74 | cps |
| Arsenic | 75-2 | 48742 | 48431 | 47625 | 48266 | 1.19 | cps |
| Barium | 135-1 | 663557 | 656034 | 649737 | 656443 | 1.05 | cps |
| Barium | 137-1 | 1157435 | 1136959 | 1137011 | 1143802 | 1.03 | cps |
| Beryllium | 9-1 | 121481 | 120745 | 120423 | 120883 | 0.45 | cps |
| Bismuth | 209-1 | 2976199 | 3000029 | 3000258 | 2992162 | 0.46 | cps |
| Bismuth | 209-2 | 2668558 | 2636984 | 2618587 | 2641376 | 0.96 | cps |
| Bromine | 81-1 | 7695 | 7152 | 7592 | 7480 | 3.86 | cps |
| Bromine | 81-2 | 110 | 130 | 110 | 117 | 9.90 | cps |
| Cadmium | 108-1 | 12592 | 12559 | 12599 | 12583 | 0.17 | cps |
| Cadmium | 106-1 | 18976 | 18929 | 18575 | 18827 | 1.16 | cps |
| Cadmium | 111-1 | 173979 | 174298 | 174831 | 174369 | 0.25 | cps |
| Calcium | 43-1 | 177346 | 175146 | 176233 | 176242 | 0.62 | cps |
| Calcium | 44-1 | 2746325 | 2699790 | 2719552 | 2721889 | 0.86 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 386275 | 382799 | 379039 | 382704 | 0.95 | cps |
| Cobalt | 59-2 | 500479 | 494767 | 492600 | 495949 | 0.82 | cps |
| Copper | 63-2 | 3897191 | 3824864 | 3815037 | 3845697 | 1.17 | cps |
| Dysprosium | 156-1 | 33 | 30 | 23 | 29 | 17.63 | cps |
| Dysprosium | 156-2 | 63 | 57 | 47 | 56 | 15.09 | cps |
| Erbium | 164-1 | 60 | 50 | 53 | 54 | 9.35 | cps |
| Erbium | 164-2 | 30 | 50 | 23 | 34 | 40.30 | cps |
| Gadolinium | 160-1 | 20 | 20 | 33 | 24 | 31.49 | cps |
| Gadolinium | 160-2 | 233 | 267 | 273 | 258 | 8.31 | cps |
| Holmium | 165-1 | 4644547 | 4688869 | 4574624 | 4636014 | 1.24 | cps |
| Holmium | 165-2 | 3600924 | 3494591 | 3532984 | 3542833 | 1.52 | cps |
| Indium | 115-1 | 3696367 | 3758046 | 3707211 | 3720541 | 0.89 | cps |
| Indium | 115-2 | 1476732 | 1470160 | 1471431 | 1472774 | 0.24 | cps |
| Iron | 56-2 | 15677742 | 15201269 | 15182194 | 15353735 | 1.83 | cps |
| Iron | 57-2 | 405873 | 395800 | 397921 | 399864 | 1.33 | cps |
| Iron | 54-2 | 908558 | 895431 | 880246 | 894745 | 1.58 | cps |
| Krypton | 83-1 | 447 | 353 | 327 | 376 | 16.78 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S4 | Instrumnet Name : | P7 |
| Client Sample ID : | S4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:07:29 | DataFile Name : | 014CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2326300 | 2355235 | 2374759 | 2352098 | 1.04 | cps |
| Lead | 207-1 | 2012492 | 1951500 | 1996990 | 1986994 | 1.60 | cps |
| Lead | 208-1 | 9129976 | 9113106 | 9272288 | 9171790 | 0.95 | cps |
| Lithium | 6-1 | 696460 | 692022 | 694860 | 694447 | 0.32 | cps |
| Magnesium | 24-2 | 3433207 | 3289803 | 3332772 | 3351928 | 2.20 | cps |
| Manganese | 55-2 | 2720532 | 2700164 | 2665588 | 2695428 | 1.03 | cps |
| Molybdenum | 94-1 | 2126283 | 2155519 | 2108449 | 2130083 | 1.12 | cps |
| Molybdenum | 95-1 | 3105807 | 3065979 | 2977112 | 3049633 | 2.16 | cps |
| Molybdenum | 96-1 | 3283417 | 3267219 | 3261951 | 3270862 | 0.34 | cps |
| Molybdenum | 97-1 | 1874274 | 1921599 | 1896078 | 1897317 | 1.25 | cps |
| Molybdenum | 98-1 | 4898729 | 4943890 | 4743658 | 4862092 | 2.16 | cps |
| Neodymium | 150-1 | 17 | 43 | 33 | 31 | 43.29 | cps |
| Neodymium | 150-2 | 10 | 13 | 7 | 10 | 33.30 | cps |
| Nickel | 60-2 | 147878 | 147290 | 145957 | 147042 | 0.67 | cps |
| Phosphorus | 31-2 | 23285 | 22934 | 23321 | 23180 | 0.92 | cps |
| Potassium | 39-2 | 1818058 | 1811243 | 1819517 | 1816273 | 0.24 | cps |
| Rhodium | 103-1 | 3826126 | 3780842 | 3655045 | 3754004 | 2.36 | cps |
| Rhodium | 103-2 | 2477828 | 2470810 | 2352363 | 2433667 | 2.90 | cps |
| Scandium | 45-1 | 2357659 | 2297721 | 2276911 | 2310764 | 1.81 | cps |
| Scandium | 45-2 | 248321 | 248148 | 245068 | 247179 | 0.74 | cps |
| Selenium | 82-1 | 14866 | 15028 | 14630 | 14841 | 1.35 | cps |
| Selenium | 77-2 | 1800 | 1693 | 1693 | 1729 | 3.56 | cps |
| Selenium | 78-2 | 6425 | 6301 | 5941 | 6222 | 4.04 | cps |
| Silicon | 28-1 | 6879952 | 6817158 | 6856288 | 6851133 | 0.46 | cps |
| Silver | 107-1 | 825800 | 831520 | 825944 | 827754 | 0.39 | cps |
| Silver | 109-1 | 793203 | 784788 | 785434 | 787808 | 0.59 | cps |
| Sodium | 23-2 | 5319860 | 5386954 | 5334720 | 5347178 | 0.66 | cps |
| Strontium | 86-1 | 191689 | 194167 | 192848 | 192901 | 0.64 | cps |
| Strontium | 88-1 | 1711745 | 1733095 | 1680060 | 1708300 | 1.56 | cps |
| Sulfur | 34-1 | 229355 | 226916 | 224251 | 226841 | 1.13 | cps |
| Terbium | 159-1 | 4603557 | 4689405 | 4599069 | 4630677 | 1.10 | cps |
| Terbium | 159-2 | 3388047 | 3358848 | 3339715 | 3362203 | 0.72 | cps |
| Thallium | 203-1 | 543508 | 551900 | 541282 | 545563 | 1.03 | cps |
| Thallium | 205-1 | 1275824 | 1294133 | 1282817 | 1284258 | 0.72 | cps |
| Tin | 118-1 | 480664 | 476072 | 474486 | 477074 | 0.67 | cps |
| Titanium | 47-1 | 828505 | 836187 | 827453 | 830715 | 0.57 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S4 | Instrumnet Name : | P7 |
| Client Sample ID : | S4 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:07:29 | DataFile Name : | 014CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1725868 | 1593621 | 1761051 | 1693513 | 5.21 | cps |
| Vanadium | 51-2 | 267908 | 269559 | 264293 | 267253 | 1.01 | cps |
| Yttrium | 89-1 | 6609744 | 6713098 | 6669702 | 6664181 | 0.78 | cps |
| Yttrium | 89-2 | 1966655 | 2038566 | 1972958 | 1992726 | 2.00 | cps |
| Zinc | 66-2 | 762895 | 763395 | 757556 | 761282 | 0.43 | cps |
| Zirconium | 90-1 | 1051253 | 1058299 | 1043102 | 1050885 | 0.72 | cps |
| Zirconium | 91-1 | 234463 | 236841 | 231510 | 234271 | 1.14 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S5 | Instrumnet Name : | P7 |
| Client Sample ID : | S5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:10:30 | DataFile Name : | 015CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 761026 | 758729 | 746920 | 755558 | 1.00 | cps |
| Antimony | 121-1 | 1107561 | 1114738 | 1130840 | 1117713 | 1.07 | cps |
| Arsenic | 75-2 | 94511 | 91855 | 93410 | 93259 | 1.43 | cps |
| Barium | 135-1 | 1258317 | 1275344 | 1277037 | 1270233 | 0.82 | cps |
| Barium | 137-1 | 2254340 | 2274724 | 2237284 | 2255449 | 0.83 | cps |
| Beryllium | 9-1 | 231920 | 230860 | 233986 | 232255 | 0.68 | cps |
| Bismuth | 209-1 | 2939424 | 2918696 | 3026356 | 2961492 | 1.93 | cps |
| Bismuth | 209-2 | 2721835 | 2647246 | 2617359 | 2662147 | 2.02 | cps |
| Bromine | 81-1 | 7232 | 7162 | 7148 | 7181 | 0.62 | cps |
| Bromine | 81-2 | 80 | 100 | 110 | 97 | 15.80 | cps |
| Cadmium | 108-1 | 23689 | 23926 | 24043 | 23886 | 0.75 | cps |
| Cadmium | 106-1 | 33756 | 34956 | 35109 | 34607 | 2.14 | cps |
| Cadmium | 111-1 | 329420 | 335416 | 334616 | 333151 | 0.98 | cps |
| Calcium | 43-1 | 339715 | 335330 | 339720 | 338255 | 0.75 | cps |
| Calcium | 44-1 | 5198148 | 5212373 | 5230973 | 5213831 | 0.32 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 738104 | 739112 | 727704 | 734973 | 0.86 | cps |
| Cobalt | 59-2 | 960554 | 956710 | 956065 | 957776 | 0.25 | cps |
| Copper | 63-2 | 7727962 | 7409033 | 7435936 | 7524310 | 2.35 | cps |
| Dysprosium | 156-1 | 57 | 50 | 63 | 57 | 11.76 | cps |
| Dysprosium | 156-2 | 117 | 100 | 100 | 106 | 9.12 | cps |
| Erbium | 164-1 | 70 | 47 | 63 | 60 | 20.03 | cps |
| Erbium | 164-2 | 40 | 57 | 30 | 42 | 31.91 | cps |
| Gadolinium | 160-1 | 40 | 50 | 47 | 46 | 11.18 | cps |
| Gadolinium | 160-2 | 220 | 263 | 300 | 261 | 15.34 | cps |
| Holmium | 165-1 | 4565741 | 4613513 | 4670721 | 4616658 | 1.14 | cps |
| Holmium | 165-2 | 3592365 | 3404156 | 3437440 | 3477987 | 2.89 | cps |
| Indium | 115-1 | 3551621 | 3576675 | 3571529 | 3566609 | 0.37 | cps |
| Indium | 115-2 | 1450139 | 1456509 | 1446909 | 1451185 | 0.34 | cps |
| Iron | 56-2 | 30091781 | 30499370 | 29591597 | 30060916 | 1.51 | cps |
| Iron | 57-2 | 777844 | 774851 | 766822 | 773172 | 0.74 | cps |
| Iron | 54-2 | 1702467 | 1654838 | 1684905 | 1680737 | 1.43 | cps |
| Krypton | 83-1 | 383 | 373 | 380 | 379 | 1.34 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S5 | Instrumnet Name : | P7 |
| Client Sample ID : | S5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:10:30 | DataFile Name : | 015CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4535252 | 4654905 | 4630130 | 4606762 | 1.37 | cps |
| Lead | 207-1 | 3878456 | 3884480 | 3966690 | 3909876 | 1.26 | cps |
| Lead | 208-1 | 17705783 | 17998509 | 18218356 | 17974216 | 1.43 | cps |
| Lithium | 6-1 | 690715 | 694150 | 694983 | 693283 | 0.33 | cps |
| Magnesium | 24-2 | 6583446 | 6533905 | 6437661 | 6518337 | 1.14 | cps |
| Manganese | 55-2 | 5234089 | 5152742 | 5240388 | 5209073 | 0.94 | cps |
| Molybdenum | 94-1 | 4062276 | 4160971 | 4095528 | 4106259 | 1.22 | cps |
| Molybdenum | 95-1 | 5859966 | 5842215 | 5869144 | 5857108 | 0.23 | cps |
| Molybdenum | 96-1 | 6336033 | 6491603 | 6281677 | 6369771 | 1.71 | cps |
| Molybdenum | 97-1 | 3639065 | 3624114 | 3610870 | 3624683 | 0.39 | cps |
| Molybdenum | 98-1 | 9644474 | 9501251 | 9576322 | 9574015 | 0.75 | cps |
| Neodymium | 150-1 | 53 | 67 | 77 | 66 | 17.86 | cps |
| Neodymium | 150-2 | 27 | 30 | 37 | 31 | 16.37 | cps |
| Nickel | 60-2 | 282828 | 278306 | 280818 | 280651 | 0.81 | cps |
| Phosphorus | 31-2 | 44912 | 44341 | 43666 | 44306 | 1.41 | cps |
| Potassium | 39-2 | 3492119 | 3454220 | 3413918 | 3453419 | 1.13 | cps |
| Rhodium | 103-1 | 3703942 | 3682485 | 3540318 | 3642248 | 2.44 | cps |
| Rhodium | 103-2 | 2399788 | 2438720 | 2405946 | 2414818 | 0.87 | cps |
| Scandium | 45-1 | 2292256 | 2247089 | 2288794 | 2276046 | 1.10 | cps |
| Scandium | 45-2 | 244797 | 245733 | 240683 | 243738 | 1.10 | cps |
| Selenium | 82-1 | 27893 | 28622 | 27980 | 28165 | 1.41 | cps |
| Selenium | 77-2 | 3354 | 3264 | 3524 | 3380 | 3.91 | cps |
| Selenium | 78-2 | 12238 | 11588 | 11224 | 11684 | 4.40 | cps |
| Silicon | 28-1 | 12371789 | 12211805 | 12325847 | 12303147 | 0.67 | cps |
| Silver | 107-1 | 1577395 | 1578373 | 1610023 | 1588597 | 1.17 | cps |
| Silver | 109-1 | 1487526 | 1497823 | 1495357 | 1493569 | 0.36 | cps |
| Sodium | 23-2 | 10328915 | 10488573 | 10087181 | 10301556 | 1.96 | cps |
| Strontium | 86-1 | 368440 | 371642 | 372034 | 370706 | 0.53 | cps |
| Strontium | 88-1 | 3199076 | 3289728 | 3222662 | 3237156 | 1.45 | cps |
| Sulfur | 34-1 | 275590 | 275231 | 274372 | 275064 | 0.23 | cps |
| Terbium | 159-1 | 4691715 | 4632793 | 4621170 | 4648559 | 0.81 | cps |
| Terbium | 159-2 | 3271967 | 3330552 | 3344522 | 3315680 | 1.16 | cps |
| Thallium | 203-1 | 1060250 | 1068511 | 1076400 | 1068387 | 0.76 | cps |
| Thallium | 205-1 | 2673547 | 2655569 | 2623377 | 2650831 | 0.96 | cps |
| Tin | 118-1 | 924152 | 933490 | 928730 | 928790 | 0.50 | cps |
| Titanium | 47-1 | 1526047 | 1586195 | 1569333 | 1560525 | 1.99 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S5 | Instrumnet Name : | P7 |
| Client Sample ID : | S5 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:10:30 | DataFile Name : | 015CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3442029 | 3477431 | 3467090 | 3462184 | 0.53 | cps |
| Vanadium | 51-2 | 520148 | 519770 | 513061 | 517660 | 0.77 | cps |
| Yttrium | 89-1 | 6503829 | 6551138 | 6438882 | 6497950 | 0.87 | cps |
| Yttrium | 89-2 | 1986494 | 1929210 | 1962469 | 1959391 | 1.47 | cps |
| Zinc | 66-2 | 1475046 | 1470003 | 1452919 | 1465989 | 0.79 | cps |
| Zirconium | 90-1 | 2028385 | 2035360 | 2024597 | 2029447 | 0.27 | cps |
| Zirconium | 91-1 | 448819 | 449599 | 452159 | 450192 | 0.39 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S6 | Instrumnet Name : | P7 |
| Client Sample ID : | S6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:13:30 | DataFile Name : | 016CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1512224 | 1502226 | 1507570 | 1507340 | 0.33 | cps |
| Antimony | 121-1 | 2284142 | 2301701 | 2310463 | 2298768 | 0.58 | cps |
| Arsenic | 75-2 | 188723 | 187691 | 187517 | 187977 | 0.35 | cps |
| Barium | 135-1 | 2630464 | 2627110 | 2670759 | 2642778 | 0.92 | cps |
| Barium | 137-1 | 4467289 | 4570155 | 4713336 | 4583593 | 2.70 | cps |
| Beryllium | 9-1 | 463740 | 467763 | 472194 | 467899 | 0.90 | cps |
| Bismuth | 209-1 | 3055555 | 3071435 | 3021153 | 3049381 | 0.84 | cps |
| Bismuth | 209-2 | 2639857 | 2705394 | 2677235 | 2674162 | 1.23 | cps |
| Bromine | 81-1 | 7072 | 6908 | 6995 | 6992 | 1.17 | cps |
| Bromine | 81-2 | 137 | 147 | 133 | 139 | 4.99 | cps |
| Cadmium | 108-1 | 47508 | 47598 | 48337 | 47814 | 0.95 | cps |
| Cadmium | 106-1 | 67837 | 67489 | 68300 | 67875 | 0.60 | cps |
| Cadmium | 111-1 | 664652 | 665887 | 668613 | 666384 | 0.30 | cps |
| Calcium | 43-1 | 666633 | 668790 | 672102 | 669175 | 0.41 | cps |
| Calcium | 44-1 | 10167472 | 10335970 | 10246493 | 10249978 | 0.82 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1349327 | 1339869 | 1326458 | 1338551 | 0.86 | cps |
| Cobalt | 59-2 | 1940952 | 1935097 | 1902783 | 1926277 | 1.07 | cps |
| Copper | 63-2 | 15203520 | 14912975 | 14884556 | 15000350 | 1.18 | cps |
| Dysprosium | 156-1 | 103 | 90 | 67 | 87 | 21.41 | cps |
| Dysprosium | 156-2 | 233 | 200 | 230 | 221 | 8.30 | cps |
| Erbium | 164-1 | 43 | 100 | 110 | 84 | 42.58 | cps |
| Erbium | 164-2 | 73 | 57 | 87 | 72 | 20.81 | cps |
| Gadolinium | 160-1 | 73 | 67 | 57 | 66 | 12.79 | cps |
| Gadolinium | 160-2 | 273 | 350 | 280 | 301 | 14.10 | cps |
| Holmium | 165-1 | 4717959 | 4669577 | 4790132 | 4725889 | 1.28 | cps |
| Holmium | 165-2 | 3674012 | 3529038 | 3509441 | 3570830 | 2.52 | cps |
| Indium | 115-1 | 3666102 | 3557797 | 3655772 | 3626557 | 1.65 | cps |
| Indium | 115-2 | 1444838 | 1452826 | 1449817 | 1449160 | 0.28 | cps |
| Iron | 56-2 | 59869562 | 60010776 | 59894892 | 59925077 | 0.13 | cps |
| Iron | 57-2 | 1475916 | 1478217 | 1488641 | 1480925 | 0.46 | cps |
| Iron | 54-2 | 3287864 | 3280851 | 3262610 | 3277108 | 0.40 | cps |
| Krypton | 83-1 | 337 | 360 | 377 | 358 | 5.62 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S6 | Instrumnet Name : | P7 |
| Client Sample ID : | S6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:13:30 | DataFile Name : | 016CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9268240 | 9282696 | 9556801 | 9369246 | 1.74 | cps |
| Lead | 207-1 | 7934954 | 7968661 | 8037753 | 7980456 | 0.66 | cps |
| Lead | 208-1 | 36282517 | 37079195 | 37259458 | 36873723 | 1.41 | cps |
| Lithium | 6-1 | 694673 | 697289 | 696761 | 696241 | 0.20 | cps |
| Magnesium | 24-2 | 13102971 | 13211852 | 13074720 | 13129848 | 0.55 | cps |
| Manganese | 55-2 | 10471877 | 10286447 | 10625904 | 10461410 | 1.62 | cps |
| Molybdenum | 94-1 | 8259454 | 8466149 | 8443181 | 8389594 | 1.35 | cps |
| Molybdenum | 95-1 | 12004052 | 12127338 | 11871621 | 12001004 | 1.07 | cps |
| Molybdenum | 96-1 | 12678302 | 13141088 | 12662514 | 12827302 | 2.12 | cps |
| Molybdenum | 97-1 | 7170567 | 7308887 | 7360831 | 7280095 | 1.35 | cps |
| Molybdenum | 98-1 | 18828154 | 19376178 | 19487470 | 19230601 | 1.84 | cps |
| Neodymium | 150-1 | 133 | 107 | 157 | 132 | 18.92 | cps |
| Neodymium | 150-2 | 30 | 47 | 37 | 38 | 22.21 | cps |
| Nickel | 60-2 | 533044 | 525529 | 527034 | 528536 | 0.75 | cps |
| Phosphorus | 31-2 | 87515 | 87767 | 86626 | 87303 | 0.69 | cps |
| Potassium | 39-2 | 6815769 | 6756342 | 6851792 | 6807968 | 0.71 | cps |
| Rhodium | 103-1 | 3580934 | 3601234 | 3660466 | 3614211 | 1.14 | cps |
| Rhodium | 103-2 | 2427607 | 2463616 | 2450107 | 2447110 | 0.74 | cps |
| Scandium | 45-1 | 2244174 | 2270436 | 2250088 | 2254899 | 0.61 | cps |
| Scandium | 45-2 | 246319 | 244779 | 247152 | 246083 | 0.49 | cps |
| Selenium | 82-1 | 55193 | 55868 | 56048 | 55703 | 0.81 | cps |
| Selenium | 77-2 | 6712 | 6565 | 6772 | 6683 | 1.59 | cps |
| Selenium | 78-2 | 23091 | 23115 | 22460 | 22889 | 1.62 | cps |
| Silicon | 28-1 | 23826244 | 23801085 | 23836043 | 23821124 | 0.08 | cps |
| Silver | 107-1 | 3187193 | 3186254 | 3232132 | 3201860 | 0.82 | cps |
| Silver | 109-1 | 2999156 | 3020704 | 3081836 | 3033899 | 1.41 | cps |
| Sodium | 23-2 | 20728344 | 20424374 | 20797109 | 20649942 | 0.96 | cps |
| Strontium | 86-1 | 737592 | 744237 | 750842 | 744224 | 0.89 | cps |
| Strontium | 88-1 | 6526498 | 6603227 | 6519234 | 6549653 | 0.71 | cps |
| Sulfur | 34-1 | 387014 | 384307 | 385366 | 385563 | 0.35 | cps |
| Terbium | 159-1 | 4667023 | 4732029 | 4686758 | 4695270 | 0.71 | cps |
| Terbium | 159-2 | 3471661 | 3441148 | 3373344 | 3428718 | 1.47 | cps |
| Thallium | 203-1 | 2261240 | 2315030 | 2321323 | 2299198 | 1.44 | cps |
| Thallium | 205-1 | 5499451 | 5535787 | 5469590 | 5501609 | 0.60 | cps |
| Tin | 118-1 | 1864353 | 1923264 | 1932680 | 1906766 | 1.94 | cps |
| Titanium | 47-1 | 3095680 | 3204249 | 3101163 | 3133697 | 1.95 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S6 | Instrumnet Name : | P7 |
| Client Sample ID : | S6 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:13:30 | DataFile Name : | 016CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6884284 | 7212570 | 7181567 | 7092807 | 2.56 | cps |
| Vanadium | 51-2 | 1053228 | 1046215 | 1047161 | 1048868 | 0.36 | cps |
| Yttrium | 89-1 | 6435638 | 6497211 | 6479442 | 6470764 | 0.49 | cps |
| Yttrium | 89-2 | 1987636 | 1960315 | 1937984 | 1961979 | 1.27 | cps |
| Zinc | 66-2 | 2951054 | 2934228 | 2895399 | 2926894 | 0.98 | cps |
| Zirconium | 90-1 | 4059711 | 4068406 | 4154691 | 4094269 | 1.28 | cps |
| Zirconium | 91-1 | 898664 | 912381 | 914790 | 908611 | 0.96 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S7 | Instrumnet Name : | P7 |
| Client Sample ID : | S7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:16:18 | DataFile Name : | 017CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3107369 | 3113742 | 3149353 | 3123488 | 0.72 | cps |
| Antimony | 121-1 | 4574821 | 4746434 | 4673880 | 4665045 | 1.85 | cps |
| Arsenic | 75-2 | 377624 | 380539 | 381452 | 379872 | 0.53 | cps |
| Barium | 135-1 | 5428613 | 5484920 | 5433311 | 5448948 | 0.57 | cps |
| Barium | 137-1 | 9570903 | 9179685 | 9703582 | 9484723 | 2.87 | cps |
| Beryllium | 9-1 | 929582 | 937666 | 943458 | 936902 | 0.74 | cps |
| Bismuth | 209-1 | 3119157 | 3057616 | 3048459 | 3075077 | 1.25 | cps |
| Bismuth | 209-2 | 2624393 | 2707246 | 2594465 | 2642035 | 2.21 | cps |
| Bromine | 81-1 | 7052 | 7035 | 7045 | 7044 | 0.12 | cps |
| Bromine | 81-2 | 113 | 120 | 93 | 109 | 12.75 | cps |
| Cadmium | 108-1 | 96599 | 97988 | 98452 | 97680 | 0.99 | cps |
| Cadmium | 106-1 | 134029 | 133823 | 136592 | 134815 | 1.14 | cps |
| Cadmium | 111-1 | 1327499 | 1352976 | 1359613 | 1346696 | 1.26 | cps |
| Calcium | 43-1 | 1332061 | 1320416 | 1358828 | 1337102 | 1.47 | cps |
| Calcium | 44-1 | 20916138 | 21160566 | 21120568 | 21065757 | 0.62 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2528423 | 2530724 | 2521446 | 2526864 | 0.19 | cps |
| Cobalt | 59-2 | 3948255 | 3947762 | 3927652 | 3941223 | 0.30 | cps |
| Copper | 63-2 | 30378031 | 30287721 | 29829680 | 30165144 | 0.97 | cps |
| Dysprosium | 156-1 | 103 | 190 | 153 | 149 | 29.22 | cps |
| Dysprosium | 156-2 | 507 | 400 | 363 | 423 | 17.59 | cps |
| Erbium | 164-1 | 183 | 190 | 227 | 200 | 11.67 | cps |
| Erbium | 164-2 | 110 | 110 | 157 | 126 | 21.46 | cps |
| Gadolinium | 160-1 | 123 | 90 | 117 | 110 | 16.04 | cps |
| Gadolinium | 160-2 | 287 | 350 | 333 | 323 | 10.15 | cps |
| Holmium | 165-1 | 4804486 | 4724078 | 4826351 | 4784972 | 1.13 | cps |
| Holmium | 165-2 | 3646066 | 3615184 | 3597989 | 3619746 | 0.67 | cps |
| Indium | 115-1 | 3700996 | 3593283 | 3605311 | 3633196 | 1.62 | cps |
| Indium | 115-2 | 1428104 | 1434154 | 1422274 | 1428177 | 0.42 | cps |
| Iron | 56-2 | 118057382 | 119419442 | 119000975 | 118825933 | 0.59 | cps |
| Iron | 57-2 | 3022937 | 2991810 | 2982814 | 2999187 | 0.70 | cps |
| Iron | 54-2 | 6700961 | 6658669 | 6636032 | 6665221 | 0.49 | cps |
| Krypton | 83-1 | 337 | 390 | 267 | 331 | 18.68 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S7 | Instrumnet Name : | P7 |
| Client Sample ID : | S7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:16:18 | DataFile Name : | 017CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19447011 | 19184040 | 19242424 | 19291158 | 0.72 | cps |
| Lead | 207-1 | 16495665 | 16773672 | 16954379 | 16741239 | 1.38 | cps |
| Lead | 208-1 | 75208149 | 76007501 | 77036216 | 76083955 | 1.20 | cps |
| Lithium | 6-1 | 720440 | 707528 | 700139 | 709369 | 1.45 | cps |
| Magnesium | 24-2 | 26771358 | 26757304 | 26742717 | 26757126 | 0.05 | cps |
| Manganese | 55-2 | 20976937 | 21278506 | 21323978 | 21193141 | 0.89 | cps |
| Molybdenum | 94-1 | 17078707 | 16978771 | 17215404 | 17090961 | 0.70 | cps |
| Molybdenum | 95-1 | 24028969 | 24252020 | 24654345 | 24311778 | 1.30 | cps |
| Molybdenum | 96-1 | 25811890 | 26215395 | 26937491 | 26321592 | 2.17 | cps |
| Molybdenum | 97-1 | 14733299 | 15097267 | 14996662 | 14942409 | 1.26 | cps |
| Molybdenum | 98-1 | 39333791 | 38839459 | 39754964 | 39309405 | 1.17 | cps |
| Neodymium | 150-1 | 260 | 240 | 250 | 250 | 4.00 | cps |
| Neodymium | 150-2 | 83 | 87 | 107 | 92 | 13.69 | cps |
| Nickel | 60-2 | 1001926 | 1007320 | 1007612 | 1005619 | 0.32 | cps |
| Phosphorus | 31-2 | 178134 | 177501 | 176122 | 177252 | 0.58 | cps |
| Potassium | 39-2 | 13613951 | 13675551 | 13623426 | 13637643 | 0.24 | cps |
| Rhodium | 103-1 | 3691135 | 3623692 | 3634236 | 3649687 | 0.99 | cps |
| Rhodium | 103-2 | 2398419 | 2443334 | 2430070 | 2423941 | 0.95 | cps |
| Scandium | 45-1 | 2301799 | 2291892 | 2301645 | 2298445 | 0.25 | cps |
| Scandium | 45-2 | 249675 | 248547 | 248299 | 248840 | 0.29 | cps |
| Selenium | 82-1 | 108881 | 110794 | 111462 | 110379 | 1.21 | cps |
| Selenium | 77-2 | 13593 | 13219 | 13219 | 13344 | 1.62 | cps |
| Selenium | 78-2 | 44594 | 44851 | 44898 | 44781 | 0.37 | cps |
| Silicon | 28-1 | 44238734 | 44508829 | 45339508 | 44695690 | 1.28 | cps |
| Silver | 107-1 | 6319517 | 6466456 | 6421868 | 6402614 | 1.18 | cps |
| Silver | 109-1 | 6207192 | 6210943 | 6099509 | 6172548 | 1.03 | cps |
| Sodium | 23-2 | 42004255 | 42400607 | 42441056 | 42281973 | 0.57 | cps |
| Strontium | 86-1 | 1514120 | 1528554 | 1563363 | 1535346 | 1.65 | cps |
| Strontium | 88-1 | 13160457 | 13302944 | 13589175 | 13350859 | 1.64 | cps |
| Sulfur | 34-1 | 608262 | 618568 | 616590 | 614474 | 0.89 | cps |
| Terbium | 159-1 | 4778915 | 4725232 | 4778577 | 4760908 | 0.65 | cps |
| Terbium | 159-2 | 3427384 | 3506642 | 3480767 | 3471598 | 1.16 | cps |
| Thallium | 203-1 | 4762511 | 4588306 | 4840285 | 4730368 | 2.73 | cps |
| Thallium | 205-1 | 11164321 | 11162414 | 11403900 | 11243545 | 1.24 | cps |
| Tin | 118-1 | 3770946 | 3782395 | 3970454 | 3841265 | 2.92 | cps |
| Titanium | 47-1 | 6238312 | 6398920 | 6440291 | 6359174 | 1.68 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S7 | Instrumnet Name : | P7 |
| Client Sample ID : | S7 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:16:18 | DataFile Name : | 017CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 14360071 | 14718949 | 15335719 | 14804913 | 3.33 | cps |
| Vanadium | 51-2 | 2130782 | 2176628 | 2101214 | 2136208 | 1.78 | cps |
| Yttrium | 89-1 | 6613363 | 6459798 | 6624285 | 6565815 | 1.40 | cps |
| Yttrium | 89-2 | 1972637 | 1955352 | 1976846 | 1968278 | 0.58 | cps |
| Zinc | 66-2 | 5783400 | 5805180 | 5846951 | 5811844 | 0.56 | cps |
| Zirconium | 90-1 | 8276645 | 8362673 | 8529812 | 8389710 | 1.53 | cps |
| Zirconium | 91-1 | 1850045 | 1873233 | 1869781 | 1864353 | 0.67 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S8 | Instrumnet Name : | P7 |
| Client Sample ID : | S8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:19:08 | DataFile Name : | 018CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16316543 | 16224144 | 16138760 | 16226482 | 0.55 | cps |
| Antimony | 121-1 | 9593 | 9373 | 9727 | 9564 | 1.87 | cps |
| Arsenic | 75-2 | 633 | 559 | 573 | 588 | 6.70 | cps |
| Barium | 135-1 | 8676 | 8913 | 9193 | 8927 | 2.90 | cps |
| Barium | 137-1 | 15449 | 15405 | 15278 | 15377 | 0.58 | cps |
| Beryllium | 9-1 | 373 | 380 | 327 | 360 | 8.07 | cps |
| Bismuth | 209-1 | 2956178 | 2780157 | 2808038 | 2848124 | 3.32 | cps |
| Bismuth | 209-2 | 2620564 | 2559388 | 2547826 | 2575926 | 1.52 | cps |
| Bromine | 81-1 | 7122 | 7819 | 8059 | 7666 | 6.35 | cps |
| Bromine | 81-2 | 113 | 130 | 160 | 134 | 17.59 | cps |
| Cadmium | 108-1 | 83 | 57 | 50 | 63 | 27.85 | cps |
| Cadmium | 106-1 | 1983 | 2013 | 2007 | 2001 | 0.79 | cps |
| Cadmium | 111-1 | 1953 | 2043 | 1983 | 1993 | 2.29 | cps |
| Calcium | 43-1 | 6661700 | 6795645 | 6694294 | 6717213 | 1.04 | cps |
| Calcium | 44-1 | 109355012 | 109535405 | 109196412 | 109362276 | 0.16 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 43583 | 42697 | 43142 | 43140 | 1.03 | cps |
| Cobalt | 59-2 | 13646 | 14350 | 14120 | 14039 | 2.56 | cps |
| Copper | 63-2 | 9980 | 9820 | 9890 | 9897 | 0.81 | cps |
| Dysprosium | 156-1 | 187 | 250 | 237 | 224 | 14.88 | cps |
| Dysprosium | 156-2 | 243 | 320 | 253 | 272 | 15.31 | cps |
| Erbium | 164-1 | 557 | 497 | 530 | 528 | 5.70 | cps |
| Erbium | 164-2 | 343 | 407 | 430 | 393 | 11.40 | cps |
| Gadolinium | 160-1 | 273 | 300 | 270 | 281 | 5.85 | cps |
| Gadolinium | 160-2 | 503 | 517 | 427 | 482 | 10.07 | cps |
| Holmium | 165-1 | 4815790 | 4893148 | 4792648 | 4833862 | 1.09 | cps |
| Holmium | 165-2 | 3755449 | 3758442 | 3771920 | 3761937 | 0.23 | cps |
| Indium | 115-1 | 3739476 | 3784952 | 3759597 | 3761342 | 0.61 | cps |
| Indium | 115-2 | 1528503 | 1521463 | 1536349 | 1528772 | 0.49 | cps |
| Iron | 56-2 | 606916831 | 608497791 | 602414778 | 605943133 | 0.52 | cps |
| Iron | 57-2 | 15099392 | 15294930 | 15106368 | 15166896 | 0.73 | cps |
| Iron | 54-2 | 33386451 | 33388060 | 33404020 | 33392844 | 0.03 | cps |
| Krypton | 83-1 | 387 | 370 | 373 | 377 | 2.34 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S8 | Instrumnet Name : | P7 |
| Client Sample ID : | S8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:19:08 | DataFile Name : | 018CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6638 | 7179 | 6672 | 6830 | 4.43 | cps |
| Lead | 207-1 | 5985 | 5878 | 5454 | 5772 | 4.86 | cps |
| Lead | 208-1 | 26627 | 27061 | 26514 | 26734 | 1.08 | cps |
| Lithium | 6-1 | 718607 | 735221 | 730358 | 728062 | 1.17 | cps |
| Magnesium | 24-2 | 141931421 | 145559455 | 143435078 | 143641985 | 1.27 | cps |
| Manganese | 55-2 | 20431 | 20030 | 20260 | 20240 | 0.99 | cps |
| Molybdenum | 94-1 | 8292 | 8489 | 8826 | 8536 | 3.16 | cps |
| Molybdenum | 95-1 | 9426 | 9490 | 9113 | 9343 | 2.16 | cps |
| Molybdenum | 96-1 | 13139 | 13453 | 13730 | 13441 | 2.20 | cps |
| Molybdenum | 97-1 | 5991 | 6065 | 6188 | 6081 | 1.63 | cps |
| Molybdenum | 98-1 | 14764 | 15408 | 15415 | 15196 | 2.46 | cps |
| Neodymium | 150-1 | 77 | 93 | 93 | 88 | 10.96 | cps |
| Neodymium | 150-2 | 63 | 83 | 77 | 74 | 13.68 | cps |
| Nickel | 60-2 | 12665 | 12982 | 12725 | 12791 | 1.32 | cps |
| Phosphorus | 31-2 | 813 | 877 | 793 | 828 | 5.26 | cps |
| Potassium | 39-2 | 73288891 | 73084417 | 75635686 | 74002998 | 1.92 | cps |
| Rhodium | 103-1 | 3604357 | 3585022 | 3539862 | 3576414 | 0.93 | cps |
| Rhodium | 103-2 | 2450071 | 2436281 | 2398630 | 2428327 | 1.10 | cps |
| Scandium | 45-1 | 2411445 | 2418060 | 2474256 | 2434587 | 1.42 | cps |
| Scandium | 45-2 | 269249 | 270947 | 270646 | 270280 | 0.34 | cps |
| Selenium | 82-1 | 313 | 365 | 367 | 348 | 8.73 | cps |
| Selenium | 77-2 | 27 | 27 | 33 | 29 | 13.31 | cps |
| Selenium | 78-2 | 403 | 320 | 340 | 354 | 12.27 | cps |
| Silicon | 28-1 | 692286 | 730715 | 722055 | 715019 | 2.82 | cps |
| Silver | 107-1 | 5521 | 5158 | 5364 | 5348 | 3.41 | cps |
| Silver | 109-1 | 5041 | 5001 | 4808 | 4950 | 2.52 | cps |
| Sodium | 23-2 | 220821917 | 222479317 | 223014790 | 222105341 | 0.51 | cps |
| Strontium | 86-1 | 20481 | 21409 | 20898 | 20929 | 2.22 | cps |
| Strontium | 88-1 | 174974 | 179806 | 179368 | 178049 | 1.50 | cps |
| Sulfur | 34-1 | 170027 | 176806 | 177232 | 174688 | 2.31 | cps |
| Terbium | 159-1 | 5010267 | 4886545 | 4730997 | 4875936 | 2.87 | cps |
| Terbium | 159-2 | 3542750 | 3623736 | 3495639 | 3554042 | 1.82 | cps |
| Thallium | 203-1 | 6135 | 6215 | 6041 | 6130 | 1.42 | cps |
| Thallium | 205-1 | 14818 | 14655 | 14591 | 14688 | 0.80 | cps |
| Tin | 118-1 | 5644 | 5538 | 5574 | 5586 | 0.97 | cps |
| Titanium | 47-1 | 1063 | 1080 | 1207 | 1117 | 7.02 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | S8 | Instrumnet Name : | P7 |
| Client Sample ID : | S8 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:19:08 | DataFile Name : | 018CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 633 | 690 | 543 | 622 | 11.89 | cps |
| Vanadium | 51-2 | 4097 | 3914 | 4134 | 4048 | 2.91 | cps |
| Yttrium | 89-1 | 6688808 | 6857942 | 6998237 | 6848329 | 2.26 | cps |
| Yttrium | 89-2 | 2101230 | 2146060 | 2170513 | 2139268 | 1.64 | cps |
| Zinc | 66-2 | 10360 | 10384 | 10420 | 10388 | 0.29 | cps |
| Zirconium | 90-1 | 7789 | 8209 | 7782 | 7927 | 3.09 | cps |
| Zirconium | 91-1 | 1710 | 1830 | 1817 | 1786 | 3.68 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:38:28 | DataFile Name : | 021ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 242370 | 242790 | 239050 | 241403 | 0.85 | cps |
| Antimony | 121-1 | 1882471 | 1951052 | 1949032 | 1927518 | 2.02 | cps |
| Arsenic | 75-2 | 148942 | 147024 | 143711 | 146559 | 1.81 | cps |
| Barium | 135-1 | 1750194 | 1805734 | 1790918 | 1782282 | 1.61 | cps |
| Barium | 137-1 | 2969226 | 3025698 | 3107689 | 3034204 | 2.29 | cps |
| Beryllium | 9-1 | 39484 | 38287 | 40299 | 39357 | 2.57 | cps |
| Bismuth | 209-1 | 3002901 | 3023796 | 2979446 | 3002048 | 0.74 | cps |
| Bismuth | 209-2 | 2821046 | 2737798 | 2760087 | 2772977 | 1.55 | cps |
| Bromine | 81-1 | 8462 | 8059 | 8356 | 8292 | 2.52 | cps |
| Bromine | 81-2 | 130 | 93 | 113 | 112 | 16.36 | cps |
| Cadmium | 108-1 | 18098 | 18569 | 18899 | 18522 | 2.17 | cps |
| Cadmium | 106-1 | 27176 | 26654 | 27276 | 27035 | 1.23 | cps |
| Cadmium | 111-1 | 282100 | 289943 | 281274 | 284439 | 1.68 | cps |
| Calcium | 43-1 | 56910 | 56605 | 57459 | 56991 | 0.76 | cps |
| Calcium | 44-1 | 941879 | 944045 | 947161 | 944362 | 0.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 435910 | 434016 | 432406 | 434111 | 0.40 | cps |
| Cobalt | 59-2 | 1717655 | 1650181 | 1637731 | 1668523 | 2.58 | cps |
| Copper | 63-2 | 601502 | 599655 | 595976 | 599044 | 0.47 | cps |
| Dysprosium | 156-1 | 23 | 20 | 23 | 22 | 8.65 | cps |
| Dysprosium | 156-2 | 80 | 130 | 113 | 108 | 23.62 | cps |
| Erbium | 164-1 | 20 | 17 | 7 | 14 | 48.02 | cps |
| Erbium | 164-2 | 10 | 7 | 10 | 9 | 21.63 | cps |
| Gadolinium | 160-1 | 33 | 40 | 17 | 30 | 40.05 | cps |
| Gadolinium | 160-2 | 290 | 257 | 267 | 271 | 6.31 | cps |
| Holmium | 165-1 | 4753588 | 4680348 | 4564559 | 4666165 | 2.04 | cps |
| Holmium | 165-2 | 3676814 | 3721383 | 3588743 | 3662314 | 1.84 | cps |
| Indium | 115-1 | 3894328 | 3797148 | 3879369 | 3856948 | 1.36 | cps |
| Indium | 115-2 | 1554225 | 1553741 | 1557788 | 1555252 | 0.14 | cps |
| Iron | 56-2 | 2056535 | 1970235 | 2000762 | 2009177 | 2.18 | cps |
| Iron | 57-2 | 52835 | 51831 | 51784 | 52150 | 1.14 | cps |
| Iron | 54-2 | 130903 | 128893 | 129955 | 129917 | 0.77 | cps |
| Krypton | 83-1 | 417 | 383 | 397 | 399 | 4.21 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:38:28 | DataFile Name : | 021ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1372190 | 1392292 | 1397828 | 1387437 | 0.97 | cps |
| Lead | 207-1 | 1162176 | 1174198 | 1191897 | 1176091 | 1.27 | cps |
| Lead | 208-1 | 5608370 | 5626792 | 5745217 | 5660126 | 1.31 | cps |
| Lithium | 6-1 | 686969 | 694659 | 690574 | 690734 | 0.56 | cps |
| Magnesium | 24-2 | 1037429 | 1030271 | 1026076 | 1031259 | 0.56 | cps |
| Manganese | 55-2 | 814181 | 801116 | 800148 | 805148 | 0.97 | cps |
| Molybdenum | 94-1 | 1043 | 987 | 1010 | 1013 | 2.81 | cps |
| Molybdenum | 95-1 | 1460 | 1550 | 1530 | 1513 | 3.12 | cps |
| Molybdenum | 96-1 | 1610 | 1657 | 1733 | 1667 | 3.74 | cps |
| Molybdenum | 97-1 | 863 | 890 | 933 | 896 | 3.94 | cps |
| Molybdenum | 98-1 | 2277 | 2340 | 2330 | 2316 | 1.47 | cps |
| Neodymium | 150-1 | 53 | 50 | 47 | 50 | 6.66 | cps |
| Neodymium | 150-2 | 7 | 17 | 23 | 16 | 53.90 | cps |
| Nickel | 60-2 | 437196 | 435396 | 430907 | 434500 | 0.75 | cps |
| Phosphorus | 31-2 | 693 | 813 | 800 | 769 | 8.55 | cps |
| Potassium | 39-2 | 1262165 | 1222539 | 1201912 | 1228872 | 2.49 | cps |
| Rhodium | 103-1 | 3825038 | 3872217 | 3892095 | 3863117 | 0.89 | cps |
| Rhodium | 103-2 | 2578378 | 2597151 | 2583080 | 2586203 | 0.38 | cps |
| Scandium | 45-1 | 2417457 | 2438338 | 2411950 | 2422581 | 0.57 | cps |
| Scandium | 45-2 | 261956 | 258594 | 260522 | 260357 | 0.65 | cps |
| Selenium | 82-1 | 48831 | 48840 | 49221 | 48964 | 0.45 | cps |
| Selenium | 77-2 | 6025 | 5911 | 6121 | 6019 | 1.75 | cps |
| Selenium | 78-2 | 20518 | 19937 | 20417 | 20291 | 1.53 | cps |
| Silicon | 28-1 | 664889 | 667836 | 669052 | 667259 | 0.32 | cps |
| Silver | 107-1 | 1330192 | 1345373 | 1341551 | 1339038 | 0.59 | cps |
| Silver | 109-1 | 1242055 | 1278775 | 1260118 | 1260316 | 1.46 | cps |
| Sodium | 23-2 | 1732965 | 1769681 | 1728655 | 1743767 | 1.29 | cps |
| Strontium | 86-1 | 613 | 640 | 710 | 654 | 7.63 | cps |
| Strontium | 88-1 | 1063 | 1107 | 987 | 1052 | 5.78 | cps |
| Sulfur | 34-1 | 172751 | 169714 | 169239 | 170568 | 1.12 | cps |
| Terbium | 159-1 | 4658048 | 4644923 | 4683359 | 4662110 | 0.42 | cps |
| Terbium | 159-2 | 3516519 | 3504314 | 3484673 | 3501835 | 0.46 | cps |
| Thallium | 203-1 | 1636069 | 1736792 | 1781995 | 1718285 | 4.35 | cps |
| Thallium | 205-1 | 4173461 | 4295377 | 4293218 | 4254019 | 1.64 | cps |
| Tin | 118-1 | 2554 | 2510 | 2640 | 2568 | 2.58 | cps |
| Titanium | 47-1 | 320 | 340 | 327 | 329 | 3.10 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 12:38:28 | DataFile Name : | 021ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 23 | 13 | 20 | 19 | 26.96 | cps |
| Vanadium | 51-2 | 906741 | 893817 | 892321 | 897626 | 0.88 | cps |
| Yttrium | 89-1 | 7068156 | 6911640 | 6779692 | 6919829 | 2.09 | cps |
| Yttrium | 89-2 | 2127346 | 2102779 | 2080641 | 2103588 | 1.11 | cps |
| Zinc | 66-2 | 235358 | 235746 | 229990 | 233698 | 1.38 | cps |
| Zirconium | 90-1 | 370 | 297 | 373 | 347 | 12.50 | cps |
| Zirconium | 91-1 | 223 | 263 | 220 | 236 | 10.24 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | LLICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | LLICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:12:25 | DataFile Name : | 027LLIC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3761 | 3684 | 3517 | 3654 | 3.41 | cps |
| Antimony | 121-1 | 9076 | 9223 | 9637 | 9312 | 3.12 | cps |
| Arsenic | 75-2 | 526 | 445 | 476 | 482 | 8.43 | cps |
| Barium | 135-1 | 9954 | 9904 | 10361 | 10073 | 2.49 | cps |
| Barium | 137-1 | 17184 | 17374 | 17501 | 17353 | 0.92 | cps |
| Beryllium | 9-1 | 943 | 963 | 1067 | 991 | 6.68 | cps |
| Bismuth | 209-1 | 2877696 | 2860859 | 2883357 | 2873971 | 0.41 | cps |
| Bismuth | 209-2 | 2674987 | 2642063 | 2639134 | 2652061 | 0.75 | cps |
| Bromine | 81-1 | 8239 | 7902 | 8196 | 8112 | 2.26 | cps |
| Bromine | 81-2 | 147 | 150 | 183 | 160 | 12.67 | cps |
| Cadmium | 108-1 | 103 | 90 | 67 | 87 | 21.41 | cps |
| Cadmium | 106-1 | 1697 | 1580 | 1753 | 1677 | 5.27 | cps |
| Cadmium | 111-1 | 2322 | 2330 | 2461 | 2371 | 3.29 | cps |
| Calcium | 43-1 | 6935 | 6988 | 7168 | 7031 | 1.74 | cps |
| Calcium | 44-1 | 127501 | 127064 | 127303 | 127289 | 0.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6932 | 6868 | 6351 | 6717 | 4.74 | cps |
| Cobalt | 59-2 | 4411 | 4084 | 4224 | 4240 | 3.87 | cps |
| Copper | 63-2 | 6778 | 6812 | 6888 | 6826 | 0.83 | cps |
| Dysprosium | 156-1 | 13 | 17 | 7 | 12 | 41.65 | cps |
| Dysprosium | 156-2 | 0 | 3 | 7 | 3 | 100.05 | cps |
| Erbium | 164-1 | 40 | 33 | 17 | 30 | 40.05 | cps |
| Erbium | 164-2 | 30 | 17 | 27 | 24 | 28.38 | cps |
| Gadolinium | 160-1 | 17 | 20 | 23 | 20 | 16.65 | cps |
| Gadolinium | 160-2 | 250 | 250 | 267 | 256 | 3.77 | cps |
| Holmium | 165-1 | 4474582 | 4517302 | 4587111 | 4526331 | 1.25 | cps |
| Holmium | 165-2 | 3545794 | 3557537 | 3536415 | 3546582 | 0.30 | cps |
| Indium | 115-1 | 3779697 | 3718493 | 3783986 | 3760725 | 0.97 | cps |
| Indium | 115-2 | 1503414 | 1498470 | 1491035 | 1497640 | 0.42 | cps |
| Iron | 56-2 | 147781 | 146997 | 144935 | 146571 | 1.00 | cps |
| Iron | 57-2 | 4856 | 5100 | 4660 | 4872 | 4.53 | cps |
| Iron | 54-2 | 9220 | 9486 | 9193 | 9300 | 1.75 | cps |
| Krypton | 83-1 | 380 | 363 | 380 | 374 | 2.57 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | LLICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | LLICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:12:25 | DataFile Name : | 027LLIC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3117 | 3174 | 3187 | 3159 | 1.18 | cps |
| Lead | 207-1 | 2760 | 2800 | 2830 | 2797 | 1.26 | cps |
| Lead | 208-1 | 12559 | 12806 | 12416 | 12594 | 1.57 | cps |
| Lithium | 6-1 | 655859 | 659397 | 666582 | 660612 | 0.83 | cps |
| Magnesium | 24-2 | 129147 | 129971 | 128481 | 129200 | 0.58 | cps |
| Manganese | 55-2 | 3057 | 2790 | 2954 | 2934 | 4.58 | cps |
| Molybdenum | 94-1 | 10134 | 10024 | 9560 | 9906 | 3.07 | cps |
| Molybdenum | 95-1 | 11718 | 12105 | 11681 | 11835 | 1.98 | cps |
| Molybdenum | 96-1 | 13049 | 13223 | 13073 | 13115 | 0.72 | cps |
| Molybdenum | 97-1 | 7622 | 7282 | 7382 | 7429 | 2.35 | cps |
| Molybdenum | 98-1 | 19380 | 19670 | 19483 | 19511 | 0.75 | cps |
| Neodymium | 150-1 | 10 | 3 | 0 | 4 | 114.60 | cps |
| Neodymium | 150-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Nickel | 60-2 | 1800 | 1673 | 1593 | 1689 | 6.17 | cps |
| Phosphorus | 31-2 | 2937 | 2987 | 2917 | 2947 | 1.22 | cps |
| Potassium | 39-2 | 201321 | 201617 | 197842 | 200260 | 1.05 | cps |
| Rhodium | 103-1 | 3749191 | 3728611 | 3733611 | 3737138 | 0.29 | cps |
| Rhodium | 103-2 | 2518620 | 2445878 | 2538060 | 2500853 | 1.94 | cps |
| Scandium | 45-1 | 2347793 | 2355501 | 2343898 | 2349064 | 0.25 | cps |
| Scandium | 45-2 | 252524 | 252666 | 253696 | 252962 | 0.25 | cps |
| Selenium | 82-1 | 752 | 777 | 819 | 783 | 4.30 | cps |
| Selenium | 77-2 | 73 | 83 | 80 | 79 | 6.45 | cps |
| Selenium | 78-2 | 543 | 583 | 527 | 551 | 5.28 | cps |
| Silicon | 28-1 | 674857 | 726098 | 667890 | 689615 | 4.61 | cps |
| Silver | 107-1 | 6808 | 6795 | 6808 | 6804 | 0.11 | cps |
| Silver | 109-1 | 6408 | 6665 | 6452 | 6508 | 2.11 | cps |
| Sodium | 23-2 | 218168 | 220071 | 220165 | 219468 | 0.51 | cps |
| Strontium | 86-1 | 2033 | 1983 | 2064 | 2027 | 1.99 | cps |
| Strontium | 88-1 | 12435 | 12809 | 13093 | 12779 | 2.58 | cps |
| Sulfur | 34-1 | 178101 | 177811 | 177727 | 177880 | 0.11 | cps |
| Terbium | 159-1 | 4532786 | 4540185 | 4504508 | 4525827 | 0.42 | cps |
| Terbium | 159-2 | 3442293 | 3340635 | 3390507 | 3391145 | 1.50 | cps |
| Thallium | 203-1 | 4537 | 4397 | 4381 | 4439 | 1.94 | cps |
| Thallium | 205-1 | 10010 | 10691 | 10307 | 10336 | 3.30 | cps |
| Tin | 118-1 | 19003 | 19817 | 19443 | 19421 | 2.10 | cps |
| Titanium | 47-1 | 3320 | 3394 | 3360 | 3358 | 1.09 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | LLICV01 | Instrumnet Name : | P7 |
| Client Sample ID : | LLICV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:12:25 | DataFile Name : | 027LLIC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 11292 | 11472 | 11739 | 11501 | 1.96 | cps |
| Vanadium | 51-2 | 10494 | 10707 | 10894 | 10698 | 1.87 | cps |
| Yttrium | 89-1 | 6788022 | 6651574 | 6776497 | 6738698 | 1.12 | cps |
| Yttrium | 89-2 | 2060938 | 2015041 | 2019291 | 2031757 | 1.25 | cps |
| Zinc | 66-2 | 4651 | 4664 | 4717 | 4677 | 0.75 | cps |
| Zirconium | 90-1 | 8486 | 8583 | 8496 | 8521 | 0.62 | cps |
| Zirconium | 91-1 | 1763 | 1917 | 1950 | 1877 | 5.31 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:16:49 | DataFile Name : | 028CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 527 | 440 | 453 | 473 | 9.86 | cps |
| Antimony | 121-1 | 27 | 43 | 67 | 46 | 44.10 | cps |
| Arsenic | 75-2 | 8 | 8 | 15 | 10 | 38.54 | cps |
| Barium | 135-1 | 20 | 13 | 30 | 21 | 39.75 | cps |
| Barium | 137-1 | 37 | 17 | 33 | 29 | 37.08 | cps |
| Beryllium | 9-1 | 17 | 17 | 17 | 17 | 0.00 | cps |
| Bismuth | 209-1 | 2855781 | 2830224 | 2838195 | 2841400 | 0.46 | cps |
| Bismuth | 209-2 | 2735779 | 2608347 | 2748474 | 2697533 | 2.87 | cps |
| Bromine | 81-1 | 8439 | 8569 | 7972 | 8327 | 3.77 | cps |
| Bromine | 81-2 | 120 | 133 | 177 | 143 | 20.67 | cps |
| Cadmium | 108-1 | 10 | 13 | 3 | 9 | 57.30 | cps |
| Cadmium | 106-1 | 1723 | 1727 | 1677 | 1709 | 1.64 | cps |
| Cadmium | 111-1 | 1219 | 1216 | 1181 | 1206 | 1.75 | cps |
| Calcium | 43-1 | 190 | 210 | 167 | 189 | 11.48 | cps |
| Calcium | 44-1 | 16533 | 16406 | 16236 | 16392 | 0.91 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1410 | 1523 | 1480 | 1471 | 3.89 | cps |
| Cobalt | 59-2 | 117 | 113 | 97 | 109 | 9.84 | cps |
| Copper | 63-2 | 753 | 867 | 727 | 782 | 9.50 | cps |
| Dysprosium | 156-1 | 0 | 7 | 0 | 2 | 173.21 | cps |
| Dysprosium | 156-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Erbium | 164-1 | 7 | 17 | 20 | 14 | 48.02 | cps |
| Erbium | 164-2 | 13 | 20 | 10 | 14 | 35.26 | cps |
| Gadolinium | 160-1 | 27 | 33 | 13 | 24 | 41.66 | cps |
| Gadolinium | 160-2 | 260 | 267 | 313 | 280 | 10.38 | cps |
| Holmium | 165-1 | 4542408 | 4529540 | 4494483 | 4522144 | 0.55 | cps |
| Holmium | 165-2 | 3653977 | 3544917 | 3561902 | 3586932 | 1.64 | cps |
| Indium | 115-1 | 3682415 | 3766046 | 3723468 | 3723976 | 1.12 | cps |
| Indium | 115-2 | 1513580 | 1519114 | 1512106 | 1514933 | 0.24 | cps |
| Iron | 56-2 | 21355 | 21572 | 21258 | 21395 | 0.75 | cps |
| Iron | 57-2 | 1517 | 1573 | 1563 | 1551 | 1.95 | cps |
| Iron | 54-2 | 2270 | 2160 | 2267 | 2232 | 2.80 | cps |
| Krypton | 83-1 | 367 | 353 | 277 | 332 | 14.62 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:16:49 | DataFile Name : | 028CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 300 | 330 | 297 | 309 | 5.94 | cps |
| Lead | 207-1 | 290 | 200 | 220 | 237 | 19.97 | cps |
| Lead | 208-1 | 1160 | 1053 | 1090 | 1101 | 4.92 | cps |
| Lithium | 6-1 | 667298 | 673165 | 673609 | 671357 | 0.52 | cps |
| Magnesium | 24-2 | 203 | 137 | 237 | 192 | 26.49 | cps |
| Manganese | 55-2 | 600 | 603 | 640 | 614 | 3.61 | cps |
| Molybdenum | 94-1 | 190 | 180 | 143 | 171 | 14.36 | cps |
| Molybdenum | 95-1 | 120 | 140 | 177 | 146 | 19.75 | cps |
| Molybdenum | 96-1 | 170 | 180 | 170 | 173 | 3.33 | cps |
| Molybdenum | 97-1 | 70 | 90 | 133 | 98 | 33.11 | cps |
| Molybdenum | 98-1 | 187 | 227 | 240 | 218 | 12.74 | cps |
| Neodymium | 150-1 | 3 | 0 | 7 | 3 | 100.05 | cps |
| Neodymium | 150-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Nickel | 60-2 | 430 | 467 | 540 | 479 | 11.70 | cps |
| Phosphorus | 31-2 | 647 | 887 | 650 | 728 | 18.91 | cps |
| Potassium | 39-2 | 56681 | 57541 | 56959 | 57061 | 0.77 | cps |
| Rhodium | 103-1 | 3771228 | 3695802 | 3790071 | 3752367 | 1.33 | cps |
| Rhodium | 103-2 | 2561430 | 2531603 | 2551324 | 2548119 | 0.60 | cps |
| Scandium | 45-1 | 2386500 | 2402406 | 2410128 | 2399678 | 0.50 | cps |
| Scandium | 45-2 | 254475 | 254516 | 254914 | 254635 | 0.10 | cps |
| Selenium | 82-1 | 293 | 237 | 326 | 285 | 15.78 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 317 | 323 | 393 | 344 | 12.33 | cps |
| Silicon | 28-1 | 647559 | 646290 | 656569 | 650139 | 0.86 | cps |
| Silver | 107-1 | 90 | 80 | 60 | 77 | 19.92 | cps |
| Silver | 109-1 | 53 | 90 | 47 | 63 | 36.84 | cps |
| Sodium | 23-2 | 17640 | 18134 | 17597 | 17790 | 1.68 | cps |
| Strontium | 86-1 | 460 | 647 | 610 | 572 | 17.28 | cps |
| Strontium | 88-1 | 70 | 143 | 117 | 110 | 33.75 | cps |
| Sulfur | 34-1 | 174905 | 175003 | 175491 | 175133 | 0.18 | cps |
| Terbium | 159-1 | 4597980 | 4424894 | 4565440 | 4529438 | 2.03 | cps |
| Terbium | 159-2 | 3472431 | 3419048 | 3373814 | 3421764 | 1.44 | cps |
| Thallium | 203-1 | 133 | 150 | 130 | 138 | 7.78 | cps |
| Thallium | 205-1 | 373 | 317 | 317 | 336 | 9.75 | cps |
| Tin | 118-1 | 1020 | 973 | 1170 | 1054 | 9.75 | cps |
| Titanium | 47-1 | 77 | 93 | 87 | 86 | 9.80 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:16:49 | DataFile Name : | 028CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3 | 7 | 7 | 6 | 34.70 | cps |
| Vanadium | 51-2 | 10 | 17 | 13 | 13 | 25.01 | cps |
| Yttrium | 89-1 | 6725634 | 6706822 | 6679728 | 6704061 | 0.34 | cps |
| Yttrium | 89-2 | 2107033 | 2053771 | 2057280 | 2072695 | 1.44 | cps |
| Zinc | 66-2 | 1250 | 1323 | 1267 | 1280 | 3.00 | cps |
| Zirconium | 90-1 | 237 | 287 | 263 | 262 | 9.54 | cps |
| Zirconium | 91-1 | 47 | 73 | 60 | 60 | 22.22 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSA01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:20:14 | DataFile Name : | 029ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14780677 | 14852254 | 14457740 | 14696890 | 1.43 | cps |
| Antimony | 121-1 | 5384 | 5678 | 5634 | 5566 | 2.85 | cps |
| Arsenic | 75-2 | 185 | 172 | 178 | 178 | 3.73 | cps |
| Barium | 135-1 | 1527 | 1513 | 1563 | 1535 | 1.69 | cps |
| Barium | 137-1 | 2770 | 2817 | 2700 | 2763 | 2.13 | cps |
| Beryllium | 9-1 | 303 | 343 | 327 | 324 | 6.19 | cps |
| Bismuth | 209-1 | 2891723 | 2955762 | 2936094 | 2927860 | 1.12 | cps |
| Bismuth | 209-2 | 2592541 | 2603977 | 2581451 | 2592656 | 0.43 | cps |
| Bromine | 81-1 | 8669 | 9183 | 9580 | 9144 | 4.99 | cps |
| Bromine | 81-2 | 310 | 297 | 380 | 329 | 13.61 | cps |
| Cadmium | 108-1 | 853 | 737 | 830 | 807 | 7.65 | cps |
| Cadmium | 106-1 | 1707 | 1833 | 1790 | 1777 | 3.62 | cps |
| Cadmium | 111-1 | 1631 | 1784 | 1695 | 1704 | 4.53 | cps |
| Calcium | 43-1 | 1355009 | 1418184 | 1390814 | 1388002 | 2.28 | cps |
| Calcium | 44-1 | 22132776 | 22559617 | 22825222 | 22505872 | 1.55 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 56308 | 57369 | 56097 | 56591 | 1.20 | cps |
| Cobalt | 59-2 | 5361 | 5568 | 5374 | 5434 | 2.13 | cps |
| Copper | 63-2 | 24393 | 24507 | 24310 | 24403 | 0.41 | cps |
| Dysprosium | 156-1 | 23 | 23 | 30 | 26 | 15.07 | cps |
| Dysprosium | 156-2 | 23 | 23 | 13 | 20 | 28.87 | cps |
| Erbium | 164-1 | 40 | 47 | 40 | 42 | 9.12 | cps |
| Erbium | 164-2 | 10 | 30 | 43 | 28 | 60.40 | cps |
| Gadolinium | 160-1 | 40 | 53 | 43 | 46 | 15.23 | cps |
| Gadolinium | 160-2 | 267 | 260 | 257 | 261 | 1.95 | cps |
| Holmium | 165-1 | 4658654 | 4691004 | 4812378 | 4720679 | 1.72 | cps |
| Holmium | 165-2 | 3757641 | 3668350 | 3631902 | 3685964 | 1.76 | cps |
| Indium | 115-1 | 3635810 | 3747333 | 3753755 | 3712299 | 1.79 | cps |
| Indium | 115-2 | 1502846 | 1506970 | 1483617 | 1497811 | 0.83 | cps |
| Iron | 56-2 | 251450756 | 247546410 | 246534243 | 248510470 | 1.04 | cps |
| Iron | 57-2 | 6125008 | 6175763 | 6200650 | 6167140 | 0.63 | cps |
| Iron | 54-2 | 13960346 | 13714778 | 13271045 | 13648723 | 2.56 | cps |
| Krypton | 83-1 | 420 | 387 | 350 | 386 | 9.08 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSA01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:20:14 | DataFile Name : | 029ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 17551 | 17565 | 17031 | 17382 | 1.75 | cps |
| Lead | 207-1 | 13373 | 13874 | 13287 | 13511 | 2.35 | cps |
| Lead | 208-1 | 62926 | 64292 | 62586 | 63268 | 1.43 | cps |
| Lithium | 6-1 | 678382 | 678334 | 688210 | 681642 | 0.83 | cps |
| Magnesium | 24-2 | 26676521 | 26504940 | 26535381 | 26572281 | 0.34 | cps |
| Manganese | 55-2 | 17947 | 17981 | 17564 | 17831 | 1.30 | cps |
| Molybdenum | 94-1 | 2806161 | 2896302 | 2952326 | 2884930 | 2.56 | cps |
| Molybdenum | 95-1 | 4935717 | 5004162 | 4951304 | 4963728 | 0.72 | cps |
| Molybdenum | 96-1 | 5274127 | 5292312 | 5361800 | 5309413 | 0.87 | cps |
| Molybdenum | 97-1 | 3014277 | 3070357 | 3109598 | 3064744 | 1.56 | cps |
| Molybdenum | 98-1 | 7919232 | 8154929 | 8200402 | 8091521 | 1.87 | cps |
| Neodymium | 150-1 | 23 | 17 | 10 | 17 | 39.99 | cps |
| Neodymium | 150-2 | 23 | 17 | 3 | 14 | 70.51 | cps |
| Nickel | 60-2 | 6375 | 6185 | 6815 | 6458 | 5.01 | cps |
| Phosphorus | 31-2 | 950402 | 960967 | 944074 | 951814 | 0.90 | cps |
| Potassium | 39-2 | 29178760 | 29719905 | 29471953 | 29456873 | 0.92 | cps |
| Rhodium | 103-1 | 3655922 | 3726786 | 3678572 | 3687093 | 0.98 | cps |
| Rhodium | 103-2 | 2577659 | 2509812 | 2466055 | 2517842 | 2.23 | cps |
| Scandium | 45-1 | 2391895 | 2436194 | 2424436 | 2417508 | 0.95 | cps |
| Scandium | 45-2 | 260189 | 257374 | 258837 | 258800 | 0.54 | cps |
| Selenium | 82-1 | 138 | 241 | 271 | 217 | 32.17 | cps |
| Selenium | 77-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Selenium | 78-2 | 323 | 287 | 327 | 312 | 7.11 | cps |
| Silicon | 28-1 | 657709 | 659627 | 659256 | 658864 | 0.15 | cps |
| Silver | 107-1 | 493 | 303 | 263 | 353 | 34.78 | cps |
| Silver | 109-1 | 447 | 327 | 283 | 352 | 24.02 | cps |
| Sodium | 23-2 | 44285618 | 44350128 | 44371141 | 44335629 | 0.10 | cps |
| Strontium | 86-1 | 51784 | 52527 | 53437 | 52583 | 1.57 | cps |
| Strontium | 88-1 | 446008 | 457347 | 466043 | 456466 | 2.20 | cps |
| Sulfur | 34-1 | 2630112 | 2624699 | 2677241 | 2644018 | 1.09 | cps |
| Terbium | 159-1 | 4793261 | 4767311 | 4750994 | 4770522 | 0.45 | cps |
| Terbium | 159-2 | 3513890 | 3500333 | 3491395 | 3501873 | 0.32 | cps |
| Thallium | 203-1 | 373 | 450 | 547 | 457 | 19.02 | cps |
| Thallium | 205-1 | 963 | 1057 | 1280 | 1100 | 14.79 | cps |
| Tin | 118-1 | 2167 | 2574 | 3040 | 2594 | 16.85 | cps |
| Titanium | 47-1 | 1360538 | 1367825 | 1401908 | 1376757 | 1.60 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSA01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSA01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:20:14 | DataFile Name : | 029ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 260 | 250 | 253 | 254 | 2.00 | cps |
| Vanadium | 51-2 | 527 | 523 | 590 | 547 | 6.87 | cps |
| Yttrium | 89-1 | 6764450 | 6871782 | 6778453 | 6804895 | 0.86 | cps |
| Yttrium | 89-2 | 2079612 | 2001935 | 2106316 | 2062621 | 2.63 | cps |
| Zinc | 66-2 | 7649 | 7959 | 7936 | 7848 | 2.20 | cps |
| Zirconium | 90-1 | 397 | 407 | 430 | 411 | 4.16 | cps |
| Zirconium | 91-1 | 127 | 80 | 80 | 96 | 28.20 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:23:21 | DataFile Name : | 030ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 15174632 | 15465064 | 15308062 | 15315919 | 0.95 | cps |
| Antimony | 121-1 | 102022 | 104124 | 107438 | 104528 | 2.61 | cps |
| Arsenic | 75-2 | 7619 | 7479 | 7909 | 7669 | 2.86 | cps |
| Barium | 135-1 | 23319 | 24144 | 24578 | 24014 | 2.66 | cps |
| Barium | 137-1 | 41401 | 43259 | 43596 | 42752 | 2.77 | cps |
| Beryllium | 9-1 | 19566 | 19733 | 19636 | 19645 | 0.43 | cps |
| Bismuth | 209-1 | 3080967 | 2985086 | 2939903 | 3001985 | 2.40 | cps |
| Bismuth | 209-2 | 2710617 | 2719650 | 2678005 | 2702757 | 0.81 | cps |
| Bromine | 81-1 | 9526 | 9910 | 9933 | 9790 | 2.33 | cps |
| Bromine | 81-2 | 333 | 373 | 380 | 362 | 6.97 | cps |
| Cadmium | 108-1 | 2747 | 2694 | 2827 | 2756 | 2.44 | cps |
| Cadmium | 106-1 | 4394 | 4477 | 4461 | 4444 | 0.99 | cps |
| Cadmium | 111-1 | 29350 | 30625 | 30747 | 30241 | 2.56 | cps |
| Calcium | 43-1 | 1354080 | 1451403 | 1434417 | 1413300 | 3.68 | cps |
| Calcium | 44-1 | 22198737 | 23201770 | 23150429 | 22850312 | 2.47 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 117346 | 115942 | 115394 | 116227 | 0.87 | cps |
| Cobalt | 59-2 | 93459 | 94149 | 92248 | 93286 | 1.03 | cps |
| Copper | 63-2 | 88058 | 87692 | 87172 | 87641 | 0.51 | cps |
| Dysprosium | 156-1 | 27 | 30 | 20 | 26 | 19.92 | cps |
| Dysprosium | 156-2 | 20 | 7 | 13 | 13 | 49.99 | cps |
| Erbium | 164-1 | 20 | 27 | 33 | 27 | 24.99 | cps |
| Erbium | 164-2 | 13 | 33 | 17 | 21 | 50.75 | cps |
| Gadolinium | 160-1 | 40 | 33 | 47 | 40 | 16.68 | cps |
| Gadolinium | 160-2 | 290 | 247 | 297 | 278 | 9.77 | cps |
| Holmium | 165-1 | 5180446 | 4798786 | 4809652 | 4929628 | 4.41 | cps |
| Holmium | 165-2 | 3737835 | 3764714 | 3736748 | 3746432 | 0.42 | cps |
| Indium | 115-1 | 4137780 | 3922079 | 3881799 | 3980553 | 3.46 | cps |
| Indium | 115-2 | 1547109 | 1545971 | 1543858 | 1545646 | 0.11 | cps |
| Iron | 56-2 | 257316563 | 257819536 | 252271316 | 255802472 | 1.20 | cps |
| Iron | 57-2 | 6302272 | 6428639 | 6392453 | 6374455 | 1.02 | cps |
| Iron | 54-2 | 13946944 | 13932886 | 14082583 | 13987471 | 0.59 | cps |
| Krypton | 83-1 | 350 | 377 | 347 | 358 | 4.60 | cps |

Reviewed By:jaswal
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Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:23:21 | DataFile Name : | 030ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 89292 | 91211 | 88446 | 89649 | 1.58 | cps |
| Lead | 207-1 | 73354 | 74477 | 74765 | 74199 | 1.00 | cps |
| Lead | 208-1 | 337236 | 343721 | 341745 | 340901 | 0.98 | cps |
| Lithium | 6-1 | 726056 | 674616 | 658375 | 686349 | 5.15 | cps |
| Magnesium | 24-2 | 27523940 | 27198367 | 27117829 | 27280045 | 0.79 | cps |
| Manganese | 55-2 | 61739 | 61615 | 61760 | 61705 | 0.13 | cps |
| Molybdenum | 94-1 | 2826843 | 2998702 | 3035888 | 2953811 | 3.78 | cps |
| Molybdenum | 95-1 | 4905871 | 5175913 | 5189598 | 5090461 | 3.14 | cps |
| Molybdenum | 96-1 | 5256763 | 5540822 | 5448127 | 5415238 | 2.67 | cps |
| Molybdenum | 97-1 | 3071095 | 3165038 | 3197730 | 3144621 | 2.09 | cps |
| Molybdenum | 98-1 | 8070096 | 8384331 | 8586535 | 8346987 | 3.12 | cps |
| Neodymium | 150-1 | 30 | 33 | 17 | 27 | 33.06 | cps |
| Neodymium | 150-2 | 7 | 17 | 23 | 16 | 53.90 | cps |
| Nickel | 60-2 | 30274 | 30114 | 29292 | 29893 | 1.76 | cps |
| Phosphorus | 31-2 | 980965 | 990308 | 980918 | 984064 | 0.55 | cps |
| Potassium | 39-2 | 30521183 | 30396499 | 30483745 | 30467142 | 0.21 | cps |
| Rhodium | 103-1 | 4098442 | 3864058 | 3895358 | 3952619 | 3.22 | cps |
| Rhodium | 103-2 | 2564009 | 2565407 | 2592853 | 2574089 | 0.63 | cps |
| Scandium | 45-1 | 2638444 | 2464782 | 2456304 | 2519843 | 4.08 | cps |
| Scandium | 45-2 | 265631 | 269767 | 265300 | 266899 | 0.93 | cps |
| Selenium | 82-1 | 2527 | 2663 | 2678 | 2623 | 3.18 | cps |
| Selenium | 77-2 | 300 | 337 | 277 | 304 | 9.93 | cps |
| Selenium | 78-2 | 1320 | 1310 | 1400 | 1343 | 3.67 | cps |
| Silicon | 28-1 | 668795 | 675852 | 678321 | 674323 | 0.73 | cps |
| Silver | 107-1 | 129869 | 137538 | 137293 | 134900 | 3.23 | cps |
| Silver | 109-1 | 124079 | 131181 | 131349 | 128870 | 3.22 | cps |
| Sodium | 23-2 | 45443189 | 46032088 | 45142836 | 45539371 | 0.99 | cps |
| Strontium | 86-1 | 53109 | 54618 | 55053 | 54260 | 1.88 | cps |
| Strontium | 88-1 | 458818 | 477567 | 474256 | 470214 | 2.13 | cps |
| Sulfur | 34-1 | 2595702 | 2712243 | 2760903 | 2689616 | 3.16 | cps |
| Terbium | 159-1 | 5217997 | 4911969 | 5019055 | 5049673 | 3.08 | cps |
| Terbium | 159-2 | 3573657 | 3577751 | 3612282 | 3587897 | 0.59 | cps |
| Thallium | 203-1 | 89949 | 91794 | 93606 | 91783 | 1.99 | cps |
| Thallium | 205-1 | 213818 | 218786 | 220211 | 217605 | 1.54 | cps |
| Tin | 118-1 | 2447 | 2874 | 3037 | 2786 | 10.94 | cps |
| Titanium | 47-1 | 1355203 | 1431808 | 1413824 | 1400278 | 2.86 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | ICSAB01 | Instrumnet Name : | P7 |
| Client Sample ID : | ICSAB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:23:21 | DataFile Name : | 030ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 247 | 170 | 233 | 217 | 18.91 | cps |
| Vanadium | 51-2 | 47939 | 47825 | 47980 | 47915 | 0.17 | cps |
| Yttrium | 89-1 | 7407303 | 7237354 | 7012403 | 7219020 | 2.74 | cps |
| Yttrium | 89-2 | 2099078 | 2113881 | 2107718 | 2106892 | 0.35 | cps |
| Zinc | 66-2 | 20511 | 21178 | 20678 | 20789 | 1.67 | cps |
| Zirconium | 90-1 | 453 | 430 | 447 | 443 | 2.71 | cps |
| Zirconium | 91-1 | 107 | 97 | 137 | 113 | 18.37 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:27:23 | DataFile Name : | 031CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8133705 | 8061611 | 7934201 | 8043172 | 1.26 | cps |
| Antimony | 121-1 | 2312548 | 2453011 | 2492349 | 2419303 | 3.91 | cps |
| Arsenic | 75-2 | 199124 | 198114 | 199739 | 198993 | 0.41 | cps |
| Barium | 135-1 | 2700939 | 2875221 | 2855120 | 2810427 | 3.39 | cps |
| Barium | 137-1 | 4579276 | 4963050 | 4952014 | 4831446 | 4.52 | cps |
| Beryllium | 9-1 | 430830 | 451330 | 451066 | 444409 | 2.65 | cps |
| Bismuth | 209-1 | 3071019 | 2967292 | 2941901 | 2993404 | 2.29 | cps |
| Bismuth | 209-2 | 2585282 | 2641584 | 2609976 | 2612281 | 1.08 | cps |
| Bromine | 81-1 | 8649 | 8603 | 8649 | 8634 | 0.31 | cps |
| Bromine | 81-2 | 170 | 173 | 193 | 179 | 7.06 | cps |
| Cadmium | 108-1 | 46438 | 49294 | 49668 | 48466 | 3.65 | cps |
| Cadmium | 106-1 | 66686 | 69465 | 69542 | 68564 | 2.37 | cps |
| Cadmium | 111-1 | 653518 | 677301 | 681879 | 670899 | 2.27 | cps |
| Calcium | 43-1 | 3237773 | 3448322 | 3429370 | 3371822 | 3.45 | cps |
| Calcium | 44-1 | 51741988 | 56144341 | 56326227 | 54737519 | 4.74 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1362550 | 1353568 | 1350540 | 1355553 | 0.46 | cps |
| Cobalt | 59-2 | 2094495 | 2112852 | 2093911 | 2100419 | 0.51 | cps |
| Copper | 63-2 | 15853139 | 15391403 | 15808272 | 15684271 | 1.62 | cps |
| Dysprosium | 156-1 | 150 | 200 | 210 | 187 | 17.22 | cps |
| Dysprosium | 156-2 | 410 | 313 | 327 | 350 | 14.97 | cps |
| Erbium | 164-1 | 313 | 333 | 310 | 319 | 3.96 | cps |
| Erbium | 164-2 | 173 | 233 | 200 | 202 | 14.87 | cps |
| Gadolinium | 160-1 | 213 | 190 | 197 | 200 | 6.01 | cps |
| Gadolinium | 160-2 | 363 | 357 | 393 | 371 | 5.26 | cps |
| Holmium | 165-1 | 5071902 | 4956628 | 4796689 | 4941740 | 2.80 | cps |
| Holmium | 165-2 | 3797502 | 3747690 | 3765457 | 3770217 | 0.67 | cps |
| Indium | 115-1 | 4072524 | 3779967 | 3822098 | 3891530 | 4.06 | cps |
| Indium | 115-2 | 1506004 | 1504033 | 1501555 | 1503864 | 0.15 | cps |
| Iron | 56-2 | 314488649 | 308136549 | 311688635 | 311437944 | 1.02 | cps |
| Iron | 57-2 | 7728174 | 7803844 | 7643699 | 7725239 | 1.04 | cps |
| Iron | 54-2 | 17108007 | 17069746 | 16932327 | 17036693 | 0.54 | cps |
| Krypton | 83-1 | 333 | 323 | 360 | 339 | 5.59 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:27:23 | DataFile Name : | 031CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8918099 | 9429336 | 9323011 | 9223482 | 2.92 | cps |
| Lead | 207-1 | 7733511 | 7859523 | 8044700 | 7879245 | 1.99 | cps |
| Lead | 208-1 | 35134343 | 36661066 | 37271627 | 36355679 | 3.03 | cps |
| Lithium | 6-1 | 709973 | 675670 | 667084 | 684243 | 3.32 | cps |
| Magnesium | 24-2 | 71087762 | 70893589 | 71610301 | 71197217 | 0.52 | cps |
| Manganese | 55-2 | 11293009 | 11054726 | 11445396 | 11264377 | 1.75 | cps |
| Molybdenum | 94-1 | 8772159 | 8951641 | 9148655 | 8957485 | 2.10 | cps |
| Molybdenum | 95-1 | 12236594 | 12696808 | 13036098 | 12656500 | 3.17 | cps |
| Molybdenum | 96-1 | 13504795 | 14201714 | 14003703 | 13903404 | 2.58 | cps |
| Molybdenum | 97-1 | 7467624 | 7753078 | 7991758 | 7737486 | 3.39 | cps |
| Molybdenum | 98-1 | 19821277 | 20553938 | 21154518 | 20509911 | 3.26 | cps |
| Neodymium | 150-1 | 170 | 190 | 173 | 178 | 6.03 | cps |
| Neodymium | 150-2 | 83 | 73 | 57 | 71 | 18.94 | cps |
| Nickel | 60-2 | 529801 | 527320 | 530068 | 529063 | 0.29 | cps |
| Phosphorus | 31-2 | 96643 | 94979 | 96009 | 95877 | 0.88 | cps |
| Potassium | 39-2 | 36239474 | 37229611 | 36957511 | 36808865 | 1.39 | cps |
| Rhodium | 103-1 | 3968170 | 3763104 | 3746436 | 3825904 | 3.23 | cps |
| Rhodium | 103-2 | 2550341 | 2513637 | 2494478 | 2519485 | 1.13 | cps |
| Scandium | 45-1 | 2616750 | 2502354 | 2479693 | 2532932 | 2.90 | cps |
| Scandium | 45-2 | 265804 | 266672 | 266118 | 266198 | 0.17 | cps |
| Selenium | 82-1 | 54004 | 56568 | 56366 | 55646 | 2.56 | cps |
| Selenium | 77-2 | 6882 | 6672 | 6501 | 6685 | 2.85 | cps |
| Selenium | 78-2 | 23001 | 23349 | 23165 | 23172 | 0.75 | cps |
| Silicon | 28-1 | 24653040 | 26148983 | 26257323 | 25686449 | 3.49 | cps |
| Silver | 107-1 | 3218461 | 3317384 | 3313534 | 3283126 | 1.71 | cps |
| Silver | 109-1 | 3041734 | 3150304 | 3135335 | 3109124 | 1.89 | cps |
| Sodium | 23-2 | 110554248 | 110839045 | 110552658 | 110648651 | 0.15 | cps |
| Strontium | 86-1 | 770271 | 807586 | 822676 | 800178 | 3.37 | cps |
| Strontium | 88-1 | 6803671 | 7234353 | 7151870 | 7063298 | 3.24 | cps |
| Sulfur | 34-1 | 390909 | 407779 | 413200 | 403963 | 2.88 | cps |
| Terbium | 159-1 | 5207745 | 4814948 | 4730903 | 4917865 | 5.18 | cps |
| Terbium | 159-2 | 3634551 | 3542882 | 3559011 | 3578815 | 1.37 | cps |
| Thallium | 203-1 | 2224019 | 2343699 | 2301883 | 2289867 | 2.65 | cps |
| Thallium | 205-1 | 5318232 | 5547145 | 5546244 | 5470540 | 2.41 | cps |
| Tin | 118-1 | 1910454 | 2029251 | 1995546 | 1978417 | 3.09 | cps |
| Titanium | 47-1 | 3198043 | 3381831 | 3496988 | 3358954 | 4.49 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:27:23 | DataFile Name : | 031CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6775033 | 7108089 | 7033522 | 6972215 | 2.51 | cps |
| Vanadium | 51-2 | 1167446 | 1150542 | 1145759 | 1154582 | 0.99 | cps |
| Yttrium | 89-1 | 7317837 | 7009191 | 7070569 | 7132532 | 2.29 | cps |
| Yttrium | 89-2 | 2111027 | 2094351 | 2103203 | 2102860 | 0.40 | cps |
| Zinc | 66-2 | 2988404 | 2999965 | 2972180 | 2986850 | 0.47 | cps |
| Zirconium | 90-1 | 4289607 | 4407198 | 4460361 | 4385722 | 1.99 | cps |
| Zirconium | 91-1 | 944672 | 991181 | 1000509 | 978787 | 3.06 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:30:23 | DataFile Name : | 032CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 523 | 637 | 497 | 552 | 13.46 | cps |
| Antimony | 121-1 | 747 | 833 | 833 | 804 | 6.22 | cps |
| Arsenic | 75-2 | 8 | 12 | 5 | 8 | 42.26 | cps |
| Barium | 135-1 | 30 | 47 | 43 | 40 | 22.05 | cps |
| Barium | 137-1 | 67 | 70 | 40 | 59 | 27.92 | cps |
| Beryllium | 9-1 | 17 | 13 | 13 | 14 | 13.35 | cps |
| Bismuth | 209-1 | 2875989 | 2951995 | 2922816 | 2916933 | 1.31 | cps |
| Bismuth | 209-2 | 2698401 | 2664551 | 2695320 | 2686091 | 0.70 | cps |
| Bromine | 81-1 | 8156 | 8289 | 8046 | 8163 | 1.49 | cps |
| Bromine | 81-2 | 183 | 193 | 187 | 188 | 2.71 | cps |
| Cadmium | 108-1 | 13 | 10 | 10 | 11 | 17.30 | cps |
| Cadmium | 106-1 | 1750 | 1563 | 1620 | 1645 | 5.82 | cps |
| Cadmium | 111-1 | 1276 | 1137 | 1160 | 1191 | 6.22 | cps |
| Calcium | 43-1 | 183 | 197 | 183 | 188 | 4.10 | cps |
| Calcium | 44-1 | 18468 | 18919 | 18665 | 18684 | 1.21 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1490 | 1497 | 1517 | 1501 | 0.92 | cps |
| Cobalt | 59-2 | 93 | 87 | 90 | 90 | 3.70 | cps |
| Copper | 63-2 | 1387 | 1373 | 1427 | 1396 | 1.99 | cps |
| Dysprosium | 156-1 | 0 | 10 | 7 | 6 | 91.64 | cps |
| Dysprosium | 156-2 | 3 | 0 | 7 | 3 | 100.05 | cps |
| Erbium | 164-1 | 40 | 23 | 7 | 23 | 71.42 | cps |
| Erbium | 164-2 | 10 | 13 | 30 | 18 | 60.28 | cps |
| Gadolinium | 160-1 | 30 | 33 | 27 | 30 | 11.10 | cps |
| Gadolinium | 160-2 | 313 | 233 | 280 | 276 | 14.58 | cps |
| Holmium | 165-1 | 4648913 | 4583203 | 4610577 | 4614231 | 0.72 | cps |
| Holmium | 165-2 | 3542096 | 3571930 | 3616975 | 3577000 | 1.05 | cps |
| Indium | 115-1 | 3780870 | 3776109 | 3878033 | 3811671 | 1.51 | cps |
| Indium | 115-2 | 1509320 | 1505877 | 1492612 | 1502603 | 0.59 | cps |
| Iron | 56-2 | 23702 | 23592 | 23645 | 23646 | 0.23 | cps |
| Iron | 57-2 | 1707 | 1480 | 1630 | 1606 | 7.18 | cps |
| Iron | 54-2 | 2220 | 2280 | 2440 | 2314 | 4.92 | cps |
| Krypton | 83-1 | 380 | 443 | 420 | 414 | 7.73 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:30:23 | DataFile Name : | 032CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 623 | 523 | 470 | 539 | 14.45 | cps |
| Lead | 207-1 | 517 | 450 | 440 | 469 | 8.89 | cps |
| Lead | 208-1 | 2273 | 1990 | 2050 | 2105 | 7.10 | cps |
| Lithium | 6-1 | 648227 | 650128 | 648808 | 649054 | 0.15 | cps |
| Magnesium | 24-2 | 610 | 610 | 637 | 619 | 2.49 | cps |
| Manganese | 55-2 | 737 | 797 | 697 | 743 | 6.77 | cps |
| Molybdenum | 94-1 | 480 | 527 | 533 | 513 | 5.66 | cps |
| Molybdenum | 95-1 | 590 | 500 | 557 | 549 | 8.29 | cps |
| Molybdenum | 96-1 | 607 | 577 | 537 | 573 | 6.13 | cps |
| Molybdenum | 97-1 | 330 | 337 | 320 | 329 | 2.55 | cps |
| Molybdenum | 98-1 | 993 | 783 | 793 | 857 | 13.83 | cps |
| Neodymium | 150-1 | 0 | 7 | 10 | 6 | 91.64 | cps |
| Neodymium | 150-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Nickel | 60-2 | 420 | 477 | 477 | 458 | 7.15 | cps |
| Phosphorus | 31-2 | 693 | 697 | 653 | 681 | 3.54 | cps |
| Potassium | 39-2 | 64958 | 64429 | 63937 | 64441 | 0.79 | cps |
| Rhodium | 103-1 | 3787158 | 3816915 | 3739787 | 3781287 | 1.03 | cps |
| Rhodium | 103-2 | 2555622 | 2525462 | 2591414 | 2557500 | 1.29 | cps |
| Scandium | 45-1 | 2372220 | 2319751 | 2373859 | 2355277 | 1.31 | cps |
| Scandium | 45-2 | 250828 | 251513 | 251021 | 251121 | 0.14 | cps |
| Selenium | 82-1 | 222 | 178 | 227 | 209 | 13.04 | cps |
| Selenium | 77-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Selenium | 78-2 | 300 | 317 | 390 | 336 | 14.27 | cps |
| Silicon | 28-1 | 646762 | 643008 | 643523 | 644431 | 0.32 | cps |
| Silver | 107-1 | 350 | 360 | 267 | 326 | 15.74 | cps |
| Silver | 109-1 | 313 | 257 | 237 | 269 | 14.79 | cps |
| Sodium | 23-2 | 42000 | 41907 | 40353 | 41420 | 2.23 | cps |
| Strontium | 86-1 | 613 | 583 | 613 | 603 | 2.87 | cps |
| Strontium | 88-1 | 187 | 143 | 143 | 158 | 15.86 | cps |
| Sulfur | 34-1 | 170813 | 168818 | 171511 | 170381 | 0.82 | cps |
| Terbium | 159-1 | 4620832 | 4630915 | 4649448 | 4633732 | 0.31 | cps |
| Terbium | 159-2 | 3429844 | 3433957 | 3379522 | 3414441 | 0.89 | cps |
| Thallium | 203-1 | 600 | 600 | 523 | 574 | 7.71 | cps |
| Thallium | 205-1 | 1330 | 1280 | 1270 | 1293 | 2.49 | cps |
| Tin | 118-1 | 1127 | 1147 | 1167 | 1147 | 1.74 | cps |
| Titanium | 47-1 | 70 | 110 | 130 | 103 | 29.57 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB01 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:30:23 | DataFile Name : | 032CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 57 | 33 | 37 | 42 | 29.89 | cps |
| Vanadium | 51-2 | 20 | 23 | 13 | 19 | 26.96 | cps |
| Yttrium | 89-1 | 6738676 | 6740388 | 6927665 | 6802243 | 1.60 | cps |
| Yttrium | 89-2 | 2128520 | 2003115 | 2068302 | 2066646 | 3.03 | cps |
| Zinc | 66-2 | 1203 | 1390 | 1237 | 1277 | 7.80 | cps |
| Zirconium | 90-1 | 610 | 647 | 517 | 591 | 11.34 | cps |
| Zirconium | 91-1 | 160 | 140 | 113 | 138 | 16.99 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CRI01 | Instrumnet Name : | P7 |
| Client Sample ID : | CRI01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:33:47 | DataFile Name : | 033LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3771 | 3727 | 3627 | 3708 | 1.98 | cps |
| Antimony | 121-1 | 9340 | 9793 | 9533 | 9555 | 2.38 | cps |
| Arsenic | 75-2 | 506 | 416 | 446 | 456 | 10.02 | cps |
| Barium | 135-1 | 9780 | 10284 | 10364 | 10143 | 3.12 | cps |
| Barium | 137-1 | 17788 | 18168 | 18068 | 18008 | 1.10 | cps |
| Beryllium | 9-1 | 963 | 1003 | 933 | 967 | 3.63 | cps |
| Bismuth | 209-1 | 3006168 | 2960965 | 2951849 | 2972994 | 0.98 | cps |
| Bismuth | 209-2 | 2723458 | 2655799 | 2697672 | 2692310 | 1.27 | cps |
| Bromine | 81-1 | 8089 | 8483 | 7886 | 8152 | 3.72 | cps |
| Bromine | 81-2 | 217 | 193 | 163 | 191 | 13.99 | cps |
| Cadmium | 108-1 | 93 | 93 | 70 | 86 | 15.74 | cps |
| Cadmium | 106-1 | 1850 | 1983 | 1763 | 1866 | 5.94 | cps |
| Cadmium | 111-1 | 2517 | 2587 | 2492 | 2532 | 1.93 | cps |
| Calcium | 43-1 | 7142 | 7068 | 7058 | 7089 | 0.64 | cps |
| Calcium | 44-1 | 129591 | 130506 | 132520 | 130872 | 1.14 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6882 | 6982 | 6812 | 6892 | 1.24 | cps |
| Cobalt | 59-2 | 4411 | 4404 | 4271 | 4362 | 1.81 | cps |
| Copper | 63-2 | 7285 | 7242 | 7088 | 7205 | 1.43 | cps |
| Dysprosium | 156-1 | 7 | 3 | 10 | 7 | 50.03 | cps |
| Dysprosium | 156-2 | 3 | 17 | 7 | 9 | 78.08 | cps |
| Erbium | 164-1 | 27 | 30 | 17 | 24 | 28.38 | cps |
| Erbium | 164-2 | 10 | 23 | 27 | 20 | 44.10 | cps |
| Gadolinium | 160-1 | 20 | 33 | 3 | 19 | 79.59 | cps |
| Gadolinium | 160-2 | 243 | 257 | 320 | 273 | 14.99 | cps |
| Holmium | 165-1 | 4924850 | 4655699 | 4639953 | 4740167 | 3.38 | cps |
| Holmium | 165-2 | 3584931 | 3656226 | 3618577 | 3619911 | 0.99 | cps |
| Indium | 115-1 | 3910395 | 3783087 | 3876869 | 3856784 | 1.71 | cps |
| Indium | 115-2 | 1525465 | 1524512 | 1516997 | 1522325 | 0.30 | cps |
| Iron | 56-2 | 150952 | 150297 | 150649 | 150633 | 0.22 | cps |
| Iron | 57-2 | 4906 | 5043 | 4767 | 4905 | 2.82 | cps |
| Iron | 54-2 | 9356 | 9079 | 9400 | 9278 | 1.87 | cps |
| Krypton | 83-1 | 393 | 377 | 387 | 386 | 2.17 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CRI01 | Instrumnet Name : | P7 |
| Client Sample ID : | CRI01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:33:47 | DataFile Name : | 033LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3337 | 3517 | 3657 | 3504 | 4.58 | cps |
| Lead | 207-1 | 2804 | 3197 | 3024 | 3008 | 6.55 | cps |
| Lead | 208-1 | 13023 | 13873 | 13826 | 13574 | 3.52 | cps |
| Lithium | 6-1 | 680156 | 656819 | 653811 | 663595 | 2.17 | cps |
| Magnesium | 24-2 | 134300 | 132259 | 130627 | 132395 | 1.39 | cps |
| Manganese | 55-2 | 2884 | 3057 | 3000 | 2980 | 2.97 | cps |
| Molybdenum | 94-1 | 10010 | 10544 | 10210 | 10255 | 2.63 | cps |
| Molybdenum | 95-1 | 12052 | 12335 | 12285 | 12224 | 1.24 | cps |
| Molybdenum | 96-1 | 12839 | 13773 | 13867 | 13493 | 4.21 | cps |
| Molybdenum | 97-1 | 7212 | 7332 | 7982 | 7509 | 5.52 | cps |
| Molybdenum | 98-1 | 19169 | 20114 | 19386 | 19556 | 2.53 | cps |
| Neodymium | 150-1 | 7 | 3 | 0 | 3 | 100.05 | cps |
| Neodymium | 150-2 | 3 | 7 | 0 | 3 | 100.05 | cps |
| Nickel | 60-2 | 1643 | 1850 | 1787 | 1760 | 6.02 | cps |
| Phosphorus | 31-2 | 2780 | 2810 | 2970 | 2854 | 3.58 | cps |
| Potassium | 39-2 | 206035 | 205167 | 203974 | 205059 | 0.50 | cps |
| Rhodium | 103-1 | 3944625 | 3849654 | 3808476 | 3867585 | 1.81 | cps |
| Rhodium | 103-2 | 2597678 | 2567237 | 2528796 | 2564570 | 1.35 | cps |
| Scandium | 45-1 | 2475321 | 2411964 | 2316178 | 2401154 | 3.34 | cps |
| Scandium | 45-2 | 256105 | 253440 | 253031 | 254192 | 0.66 | cps |
| Selenium | 82-1 | 808 | 825 | 834 | 822 | 1.62 | cps |
| Selenium | 77-2 | 83 | 77 | 60 | 73 | 16.39 | cps |
| Selenium | 78-2 | 603 | 627 | 593 | 608 | 2.81 | cps |
| Silicon | 28-1 | 649890 | 653824 | 651414 | 651709 | 0.30 | cps |
| Silver | 107-1 | 6982 | 7292 | 7275 | 7183 | 2.43 | cps |
| Silver | 109-1 | 6855 | 6545 | 6938 | 6779 | 3.06 | cps |
| Sodium | 23-2 | 237966 | 237133 | 236786 | 237295 | 0.26 | cps |
| Strontium | 86-1 | 2087 | 2194 | 2030 | 2104 | 3.94 | cps |
| Strontium | 88-1 | 12699 | 12502 | 12792 | 12664 | 1.17 | cps |
| Sulfur | 34-1 | 177599 | 178543 | 178543 | 178228 | 0.31 | cps |
| Terbium | 159-1 | 4812320 | 4630802 | 4673858 | 4705660 | 2.02 | cps |
| Terbium | 159-2 | 3472731 | 3550055 | 3466779 | 3496522 | 1.33 | cps |
| Thallium | 203-1 | 4811 | 4884 | 4684 | 4793 | 2.11 | cps |
| Thallium | 205-1 | 11338 | 11155 | 11378 | 11290 | 1.06 | cps |
| Tin | 118-1 | 19800 | 20151 | 20378 | 20110 | 1.45 | cps |
| Titanium | 47-1 | 3267 | 3250 | 3457 | 3325 | 3.45 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CRI01 | Instrumnet Name : | P7 |
| Client Sample ID : | CRI01 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:33:47 | DataFile Name : | 033LLCC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 11111 | 11952 | 12002 | 11689 | 4.28 | cps |
| Vanadium | 51-2 | 10891 | 10741 | 10651 | 10761 | 1.13 | cps |
| Yttrium | 89-1 | 7040100 | 6736899 | 6671887 | 6816295 | 2.88 | cps |
| Yttrium | 89-2 | 2019361 | 2084586 | 2043553 | 2049167 | 1.61 | cps |
| Zinc | 66-2 | 4717 | 5034 | 4624 | 4792 | 4.49 | cps |
| Zirconium | 90-1 | 8499 | 8980 | 9030 | 8836 | 3.31 | cps |
| Zirconium | 91-1 | 1983 | 1853 | 2054 | 1963 | 5.17 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:40:34 | DataFile Name : | 035LCSS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1727716 | 1708119 | 1741535 | 1725790 | 0.97 | cps |
| Antimony | 121-1 | 2566015 | 2604706 | 2604159 | 2591627 | 0.86 | cps |
| Arsenic | 75-2 | 211844 | 212500 | 211120 | 211821 | 0.33 | cps |
| Barium | 135-1 | 2902896 | 3067081 | 3033271 | 3001082 | 2.89 | cps |
| Barium | 137-1 | 5038998 | 5238430 | 5228186 | 5168538 | 2.17 | cps |
| Beryllium | 9-1 | 494313 | 495863 | 496237 | 495471 | 0.21 | cps |
| Bismuth | 209-1 | 2865271 | 2994680 | 3020321 | 2960091 | 2.81 | cps |
| Bismuth | 209-2 | 2606495 | 2686733 | 2611656 | 2634961 | 1.70 | cps |
| Bromine | 81-1 | 7996 | 8106 | 8042 | 8048 | 0.69 | cps |
| Bromine | 81-2 | 157 | 140 | 133 | 143 | 8.38 | cps |
| Cadmium | 108-1 | 53936 | 54191 | 54539 | 54222 | 0.56 | cps |
| Cadmium | 106-1 | 74396 | 76128 | 76597 | 75707 | 1.53 | cps |
| Cadmium | 111-1 | 744777 | 746971 | 751269 | 747672 | 0.44 | cps |
| Calcium | 43-1 | 763568 | 771300 | 767027 | 767298 | 0.50 | cps |
| Calcium | 44-1 | 11927766 | 11807140 | 11678814 | 11804574 | 1.05 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1399939 | 1435613 | 1404348 | 1413300 | 1.38 | cps |
| Cobalt | 59-2 | 2167831 | 2215532 | 2163092 | 2182152 | 1.33 | cps |
| Copper | 63-2 | 16773457 | 16828239 | 17035985 | 16879227 | 0.82 | cps |
| Dysprosium | 156-1 | 103 | 77 | 80 | 87 | 16.76 | cps |
| Dysprosium | 156-2 | 257 | 240 | 233 | 243 | 4.94 | cps |
| Erbium | 164-1 | 103 | 107 | 127 | 112 | 11.25 | cps |
| Erbium | 164-2 | 83 | 90 | 80 | 84 | 6.03 | cps |
| Gadolinium | 160-1 | 47 | 73 | 80 | 67 | 26.45 | cps |
| Gadolinium | 160-2 | 330 | 337 | 303 | 323 | 5.45 | cps |
| Holmium | 165-1 | 4736679 | 4750137 | 4707608 | 4731475 | 0.46 | cps |
| Holmium | 165-2 | 3672906 | 3599857 | 3566439 | 3613068 | 1.51 | cps |
| Indium | 115-1 | 3727336 | 3684817 | 3655036 | 3689063 | 0.98 | cps |
| Indium | 115-2 | 1455016 | 1455295 | 1454450 | 1454921 | 0.03 | cps |
| Iron | 56-2 | 68000449 | 67363519 | 66668627 | 67344198 | 0.99 | cps |
| Iron | 57-2 | 1678206 | 1710875 | 1630735 | 1673272 | 2.41 | cps |
| Iron | 54-2 | 3791110 | 3720385 | 3714406 | 3741967 | 1.14 | cps |
| Krypton | 83-1 | 307 | 383 | 363 | 351 | 11.33 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:40:34 | DataFile Name : | 035LCSS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10003512 | 10160263 | 10148085 | 10103954 | 0.86 | cps |
| Lead | 207-1 | 8564237 | 8752919 | 8657046 | 8658068 | 1.09 | cps |
| Lead | 208-1 | 38800939 | 40265709 | 40126889 | 39731179 | 2.04 | cps |
| Lithium | 6-1 | 657521 | 662132 | 675582 | 665078 | 1.41 | cps |
| Magnesium | 24-2 | 14625532 | 14829836 | 14889709 | 14781692 | 0.94 | cps |
| Manganese | 55-2 | 11838434 | 12055546 | 11654784 | 11849588 | 1.69 | cps |
| Molybdenum | 94-1 | 9197088 | 9402183 | 9437721 | 9345664 | 1.39 | cps |
| Molybdenum | 95-1 | 13145551 | 13404151 | 13435210 | 13328304 | 1.19 | cps |
| Molybdenum | 96-1 | 14521321 | 14608633 | 14633038 | 14587664 | 0.40 | cps |
| Molybdenum | 97-1 | 8126402 | 8277605 | 8279903 | 8227970 | 1.07 | cps |
| Molybdenum | 98-1 | 21800210 | 21550759 | 22028692 | 21793220 | 1.10 | cps |
| Neodymium | 150-1 | 143 | 100 | 137 | 127 | 18.42 | cps |
| Neodymium | 150-2 | 57 | 23 | 33 | 38 | 45.29 | cps |
| Nickel | 60-2 | 565598 | 565894 | 560454 | 563982 | 0.54 | cps |
| Phosphorus | 31-2 | 97351 | 96894 | 97817 | 97354 | 0.47 | cps |
| Potassium | 39-2 | 7765040 | 7653001 | 7589120 | 7669054 | 1.16 | cps |
| Rhodium | 103-1 | 3752033 | 3735997 | 3720751 | 3736260 | 0.42 | cps |
| Rhodium | 103-2 | 2431211 | 2498864 | 2452756 | 2460944 | 1.40 | cps |
| Scandium | 45-1 | 2335349 | 2333107 | 2335209 | 2334555 | 0.05 | cps |
| Scandium | 45-2 | 249538 | 249693 | 249866 | 249699 | 0.07 | cps |
| Selenium | 82-1 | 62533 | 62671 | 63088 | 62764 | 0.46 | cps |
| Selenium | 77-2 | 7429 | 7839 | 7335 | 7534 | 3.56 | cps |
| Selenium | 78-2 | 25502 | 25572 | 25609 | 25561 | 0.21 | cps |
| Silicon | 28-1 | 23555243 | 23789329 | 23913075 | 23752549 | 0.77 | cps |
| Silver | 107-1 | 3574524 | 3652425 | 3605441 | 3610796 | 1.09 | cps |
| Silver | 109-1 | 3438998 | 3404570 | 3480856 | 3441475 | 1.11 | cps |
| Sodium | 23-2 | 23171917 | 23531477 | 22720380 | 23141258 | 1.76 | cps |
| Strontium | 86-1 | 834960 | 851974 | 842130 | 843022 | 1.01 | cps |
| Strontium | 88-1 | 7390411 | 7542560 | 7549354 | 7494108 | 1.20 | cps |
| Sulfur | 34-1 | 420482 | 425781 | 420347 | 422203 | 0.73 | cps |
| Terbium | 159-1 | 4671004 | 4767236 | 4688035 | 4708758 | 1.09 | cps |
| Terbium | 159-2 | 3506098 | 3497141 | 3496878 | 3500039 | 0.15 | cps |
| Thallium | 203-1 | 2478947 | 2495340 | 2550686 | 2508324 | 1.50 | cps |
| Thallium | 205-1 | 5868217 | 5970268 | 6088727 | 5975737 | 1.85 | cps |
| Tin | 118-1 | 2137336 | 2159927 | 2094329 | 2130531 | 1.56 | cps |
| Titanium | 47-1 | 3506212 | 3595909 | 3593883 | 3565335 | 1.44 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:40:34 | DataFile Name : | 035LCSS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7313926 | 7556502 | 7583352 | 7484593 | 1.98 | cps |
| Vanadium | 51-2 | 1175215 | 1190076 | 1184901 | 1183397 | 0.64 | cps |
| Yttrium | 89-1 | 6764825 | 6756299 | 6825305 | 6782143 | 0.55 | cps |
| Yttrium | 89-2 | 2039589 | 1997121 | 1998022 | 2011577 | 1.21 | cps |
| Zinc | 66-2 | 3308002 | 3282248 | 3348690 | 3312980 | 1.01 | cps |
| Zirconium | 90-1 | 4543063 | 4724440 | 4677545 | 4648349 | 2.03 | cps |
| Zirconium | 91-1 | 1017509 | 1034512 | 1018377 | 1023466 | 0.94 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-03 | Instrumnet Name : | P7 |
| Client Sample ID : | 3443 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:43:25 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 260136 | 257812 | 255958 | 257969 | 0.81 | cps |
| Antimony | 121-1 | 21446 | 21433 | 21690 | 21523 | 0.67 | cps |
| Arsenic | 75-2 | 7094 | 6864 | 6761 | 6906 | 2.47 | cps |
| Barium | 135-1 | 112013 | 115122 | 113824 | 113653 | 1.37 | cps |
| Barium | 137-1 | 196232 | 199025 | 195847 | 197035 | 0.88 | cps |
| Beryllium | 9-1 | 190 | 150 | 173 | 171 | 11.74 | cps |
| Bismuth | 209-1 | 3108855 | 3088501 | 3015471 | 3070942 | 1.60 | cps |
| Bismuth | 209-2 | 2806998 | 2796966 | 2778756 | 2794240 | 0.51 | cps |
| Bromine | 81-1 | 33364 | 38651 | 41508 | 37841 | 10.92 | cps |
| Bromine | 81-2 | 7759 | 7982 | 7742 | 7828 | 1.71 | cps |
| Cadmium | 108-1 | 903 | 950 | 920 | 924 | 2.56 | cps |
| Cadmium | 106-1 | 3380 | 3030 | 3037 | 3149 | 6.36 | cps |
| Cadmium | 111-1 | 13886 | 13591 | 13747 | 13741 | 1.07 | cps |
| Calcium | 43-1 | 1052464 | 1060018 | 1058848 | 1057110 | 0.38 | cps |
| Calcium | 44-1 | 16453487 | 16688674 | 16122311 | 16421491 | 1.73 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 44666 | 44439 | 44178 | 44428 | 0.55 | cps |
| Cobalt | 59-2 | 36511 | 36020 | 36668 | 36400 | 0.93 | cps |
| Copper | 63-2 | 939552 | 932565 | 935777 | 935965 | 0.37 | cps |
| Dysprosium | 156-1 | 2237 | 2404 | 2310 | 2317 | 3.61 | cps |
| Dysprosium | 156-2 | 2054 | 2210 | 2384 | 2216 | 7.45 | cps |
| Erbium | 164-1 | 2557 | 2304 | 2317 | 2392 | 5.96 | cps |
| Erbium | 164-2 | 1840 | 1870 | 1743 | 1818 | 3.64 | cps |
| Gadolinium | 160-1 | 2370 | 2527 | 2557 | 2485 | 4.04 | cps |
| Gadolinium | 160-2 | 2360 | 2170 | 2374 | 2301 | 4.94 | cps |
| Holmium | 165-1 | 4960593 | 4886933 | 4966178 | 4937902 | 0.90 | cps |
| Holmium | 165-2 | 3827393 | 3833722 | 3987503 | 3882873 | 2.34 | cps |
| Indium | 115-1 | 3960440 | 3990438 | 3999211 | 3983363 | 0.51 | cps |
| Indium | 115-2 | 1589937 | 1587206 | 1606296 | 1594480 | 0.65 | cps |
| Iron | 56-2 | 25500963 | 25240485 | 25758205 | 25499884 | 1.02 | cps |
| Iron | 57-2 | 682872 | 679884 | 676050 | 679602 | 0.50 | cps |
| Iron | 54-2 | 1439187 | 1443289 | 1411068 | 1431181 | 1.23 | cps |
| Krypton | 83-1 | 387 | 333 | 377 | 366 | 7.76 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-03 | Instrumnet Name : | P7 |
| Client Sample ID : | 3443 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:43:25 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 446624 | 450818 | 446666 | 448036 | 0.54 | cps |
| Lead | 207-1 | 371672 | 374094 | 372148 | 372638 | 0.34 | cps |
| Lead | 208-1 | 1723628 | 1727112 | 1725534 | 1725425 | 0.10 | cps |
| Lithium | 6-1 | 712996 | 705663 | 704221 | 707627 | 0.66 | cps |
| Magnesium | 24-2 | 3191685 | 3053032 | 3063911 | 3102876 | 2.48 | cps |
| Manganese | 55-2 | 692204 | 681809 | 685272 | 686428 | 0.77 | cps |
| Molybdenum | 94-1 | 32620 | 32633 | 33164 | 32806 | 0.95 | cps |
| Molybdenum | 95-1 | 38591 | 39072 | 39767 | 39143 | 1.51 | cps |
| Molybdenum | 96-1 | 43190 | 43170 | 44140 | 43500 | 1.27 | cps |
| Molybdenum | 97-1 | 24047 | 24751 | 24340 | 24379 | 1.45 | cps |
| Molybdenum | 98-1 | 63079 | 64405 | 62336 | 63273 | 1.66 | cps |
| Neodymium | 150-1 | 2817 | 2950 | 2877 | 2881 | 2.32 | cps |
| Neodymium | 150-2 | 1880 | 1890 | 2020 | 1930 | 4.05 | cps |
| Nickel | 60-2 | 31183 | 30561 | 30822 | 30855 | 1.01 | cps |
| Phosphorus | 31-2 | 11491 | 11558 | 11975 | 11675 | 2.25 | cps |
| Potassium | 39-2 | 5228387 | 5275059 | 5288152 | 5263866 | 0.60 | cps |
| Rhodium | 103-1 | 3916307 | 4002593 | 3907587 | 3942163 | 1.33 | cps |
| Rhodium | 103-2 | 2658436 | 2617223 | 2663541 | 2646400 | 0.96 | cps |
| Scandium | 45-1 | 2519465 | 2547535 | 2505507 | 2524169 | 0.85 | cps |
| Scandium | 45-2 | 270867 | 271446 | 271362 | 271225 | 0.12 | cps |
| Selenium | 82-1 | 253 | 411 | 330 | 331 | 23.90 | cps |
| Selenium | 77-2 | 3 | 10 | 20 | 11 | 75.52 | cps |
| Selenium | 78-2 | 403 | 337 | 327 | 356 | 11.72 | cps |
| Silicon | 28-1 | 27301441 | 27487439 | 26903790 | 27230890 | 1.09 | cps |
| Silver | 107-1 | 3844 | 3771 | 3837 | 3817 | 1.06 | cps |
| Silver | 109-1 | 3747 | 3490 | 3520 | 3586 | 3.91 | cps |
| Sodium | 23-2 | 70804349 | 67778867 | 68377342 | 68986853 | 2.32 | cps |
| Strontium | 86-1 | 311847 | 317966 | 314722 | 314845 | 0.97 | cps |
| Strontium | 88-1 | 2784231 | 2826034 | 2766650 | 2792305 | 1.09 | cps |
| Sulfur | 34-1 | 1068814 | 1075357 | 1066598 | 1070256 | 0.43 | cps |
| Terbium | 159-1 | 4958367 | 4961334 | 4944284 | 4954662 | 0.18 | cps |
| Terbium | 159-2 | 3725131 | 3698956 | 3756188 | 3726759 | 0.77 | cps |
| Thallium | 203-1 | 630 | 557 | 537 | 574 | 8.55 | cps |
| Thallium | 205-1 | 1447 | 1307 | 1347 | 1367 | 5.28 | cps |
| Tin | 118-1 | 23716 | 24458 | 23903 | 24026 | 1.60 | cps |
| Titanium | 47-1 | 46374 | 46793 | 46735 | 46634 | 0.49 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-03 | Instrumnet Name : | P7 |
| Client Sample ID : | 3443 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:43:25 | DataFile Name : | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 5118 | 5084 | 5371 | 5191 | 3.02 | cps |
| Vanadium | 51-2 | 17941 | 17747 | 17554 | 17747 | 1.09 | cps |
| Yttrium | 89-1 | 7350849 | 7078736 | 7086789 | 7172125 | 2.16 | cps |
| Yttrium | 89-2 | 2204193 | 2148017 | 2151636 | 2167949 | 1.45 | cps |
| Zinc | 66-2 | 2143498 | 2067714 | 2067405 | 2092872 | 2.09 | cps |
| Zirconium | 90-1 | 28554 | 27993 | 27893 | 28147 | 1.27 | cps |
| Zirconium | 91-1 | 6405 | 6375 | 6258 | 6346 | 1.22 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:46:43 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 340612 | 335419 | 330596 | 335543 | 1.49 | cps |
| Antimony | 121-1 | 21853 | 22174 | 22284 | 22104 | 1.01 | cps |
| Arsenic | 75-2 | 6316 | 5869 | 5706 | 5963 | 5.30 | cps |
| Barium | 135-1 | 112911 | 112970 | 112850 | 112910 | 0.05 | cps |
| Barium | 137-1 | 194158 | 195151 | 197621 | 195643 | 0.91 | cps |
| Beryllium | 9-1 | 160 | 200 | 237 | 199 | 19.28 | cps |
| Bismuth | 209-1 | 3056929 | 3012766 | 3057616 | 3042437 | 0.84 | cps |
| Bismuth | 209-2 | 2761170 | 2742439 | 2691054 | 2731554 | 1.33 | cps |
| Bromine | 81-1 | 37063 | 40475 | 42611 | 40050 | 6.99 | cps |
| Bromine | 81-2 | 7682 | 7739 | 8196 | 7872 | 3.58 | cps |
| Cadmium | 108-1 | 1153 | 1037 | 1147 | 1112 | 5.89 | cps |
| Cadmium | 106-1 | 3490 | 3377 | 3334 | 3400 | 2.38 | cps |
| Cadmium | 111-1 | 15773 | 15962 | 15568 | 15768 | 1.25 | cps |
| Calcium | 43-1 | 1051696 | 1042472 | 1046397 | 1046855 | 0.44 | cps |
| Calcium | 44-1 | 16334616 | 16408451 | 16113801 | 16285623 | 0.94 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 40270 | 40143 | 40083 | 40166 | 0.24 | cps |
| Cobalt | 59-2 | 34576 | 33387 | 33638 | 33867 | 1.85 | cps |
| Copper | 63-2 | 1089700 | 1080702 | 1084117 | 1084840 | 0.42 | cps |
| Dysprosium | 156-1 | 2654 | 2687 | 2794 | 2711 | 2.70 | cps |
| Dysprosium | 156-2 | 2560 | 2657 | 2514 | 2577 | 2.84 | cps |
| Erbium | 164-1 | 3224 | 2840 | 2917 | 2994 | 6.78 | cps |
| Erbium | 164-2 | 2434 | 2257 | 2400 | 2364 | 3.97 | cps |
| Gadolinium | 160-1 | 2934 | 3177 | 2880 | 2997 | 5.28 | cps |
| Gadolinium | 160-2 | 2800 | 2790 | 2590 | 2727 | 4.35 | cps |
| Holmium | 165-1 | 4925936 | 5002284 | 5032556 | 4986925 | 1.10 | cps |
| Holmium | 165-2 | 3892322 | 3849658 | 3808006 | 3849995 | 1.10 | cps |
| Indium | 115-1 | 4056497 | 3939222 | 3933448 | 3976389 | 1.75 | cps |
| Indium | 115-2 | 1594005 | 1580426 | 1576119 | 1583517 | 0.59 | cps |
| Iron | 56-2 | 16621902 | 16427728 | 16303047 | 16450893 | 0.98 | cps |
| Iron | 57-2 | 457645 | 453852 | 451811 | 454436 | 0.65 | cps |
| Iron | 54-2 | 948793 | 935924 | 946017 | 943578 | 0.72 | cps |
| Krypton | 83-1 | 363 | 357 | 353 | 358 | 1.42 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:46:43 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 495552 | 502395 | 496286 | 498078 | 0.75 | cps |
| Lead | 207-1 | 412072 | 411641 | 406653 | 410122 | 0.73 | cps |
| Lead | 208-1 | 1898791 | 1896915 | 1899428 | 1898378 | 0.07 | cps |
| Lithium | 6-1 | 714751 | 708548 | 692292 | 705197 | 1.64 | cps |
| Magnesium | 24-2 | 3111265 | 3120687 | 3092058 | 3108003 | 0.47 | cps |
| Manganese | 55-2 | 605885 | 597128 | 602589 | 601867 | 0.73 | cps |
| Molybdenum | 94-1 | 34588 | 34427 | 34858 | 34624 | 0.63 | cps |
| Molybdenum | 95-1 | 36318 | 36509 | 36399 | 36409 | 0.26 | cps |
| Molybdenum | 96-1 | 41211 | 40880 | 40951 | 41014 | 0.43 | cps |
| Molybdenum | 97-1 | 22634 | 23249 | 23102 | 22995 | 1.39 | cps |
| Molybdenum | 98-1 | 58597 | 60200 | 59186 | 59328 | 1.37 | cps |
| Neodymium | 150-1 | 3904 | 3487 | 3721 | 3704 | 5.64 | cps |
| Neodymium | 150-2 | 2390 | 2280 | 2574 | 2415 | 6.14 | cps |
| Nickel | 60-2 | 27612 | 27462 | 27105 | 27393 | 0.95 | cps |
| Phosphorus | 31-2 | 11531 | 11361 | 11411 | 11434 | 0.76 | cps |
| Potassium | 39-2 | 5386450 | 5255934 | 5306872 | 5316419 | 1.24 | cps |
| Rhodium | 103-1 | 4016612 | 4025542 | 3989242 | 4010465 | 0.47 | cps |
| Rhodium | 103-2 | 2666226 | 2660699 | 2629329 | 2652085 | 0.75 | cps |
| Scandium | 45-1 | 2577805 | 2529303 | 2557345 | 2554818 | 0.95 | cps |
| Scandium | 45-2 | 274276 | 273171 | 268533 | 271993 | 1.12 | cps |
| Selenium | 82-1 | 296 | 304 | 338 | 313 | 7.16 | cps |
| Selenium | 77-2 | 10 | 20 | 27 | 19 | 44.42 | cps |
| Selenium | 78-2 | 397 | 370 | 337 | 368 | 8.18 | cps |
| Silicon | 28-1 | 30838275 | 31885171 | 31034082 | 31252509 | 1.78 | cps |
| Silver | 107-1 | 4114 | 3954 | 3711 | 3926 | 5.17 | cps |
| Silver | 109-1 | 3540 | 3684 | 3640 | 3622 | 2.03 | cps |
| Sodium | 23-2 | 70426441 | 70828607 | 70661722 | 70638923 | 0.29 | cps |
| Strontium | 86-1 | 310899 | 306964 | 311754 | 309872 | 0.82 | cps |
| Strontium | 88-1 | 2792618 | 2736506 | 2775273 | 2768132 | 1.04 | cps |
| Sulfur | 34-1 | 1203629 | 1199954 | 1187215 | 1196933 | 0.72 | cps |
| Terbium | 159-1 | 5031879 | 4965897 | 4925883 | 4974553 | 1.08 | cps |
| Terbium | 159-2 | 3760770 | 3687822 | 3601203 | 3683265 | 2.17 | cps |
| Thallium | 203-1 | 417 | 467 | 503 | 462 | 9.41 | cps |
| Thallium | 205-1 | 957 | 1047 | 1130 | 1044 | 8.30 | cps |
| Tin | 118-1 | 30512 | 30830 | 31120 | 30821 | 0.99 | cps |
| Titanium | 47-1 | 61130 | 65100 | 60691 | 62307 | 3.90 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:46:43 | DataFile Name : | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6061 | 5981 | 6182 | 6075 | 1.66 | cps |
| Vanadium | 51-2 | 20144 | 20040 | 19856 | 20013 | 0.73 | cps |
| Yttrium | 89-1 | 7546408 | 7238186 | 7504055 | 7429549 | 2.25 | cps |
| Yttrium | 89-2 | 2187386 | 2159689 | 2182662 | 2176579 | 0.68 | cps |
| Zinc | 66-2 | 2576540 | 2514554 | 2573839 | 2554977 | 1.37 | cps |
| Zirconium | 90-1 | 36104 | 36158 | 35212 | 35825 | 1.48 | cps |
| Zirconium | 91-1 | 7942 | 7649 | 8152 | 7914 | 3.20 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04DUP | Instrumnet Name : | P7 |
| Client Sample ID : | 3444DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:49:55 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 332683 | 328155 | 326933 | 329257 | 0.92 | cps |
| Antimony | 121-1 | 22628 | 22461 | 22514 | 22534 | 0.38 | cps |
| Arsenic | 75-2 | 5919 | 5689 | 5773 | 5794 | 2.01 | cps |
| Barium | 135-1 | 116052 | 115581 | 112145 | 114593 | 1.86 | cps |
| Barium | 137-1 | 199169 | 199896 | 200147 | 199737 | 0.25 | cps |
| Beryllium | 9-1 | 167 | 220 | 177 | 188 | 15.10 | cps |
| Bismuth | 209-1 | 3099677 | 3078802 | 3000029 | 3059503 | 1.72 | cps |
| Bismuth | 209-2 | 2748672 | 2713677 | 2745873 | 2736074 | 0.71 | cps |
| Bromine | 81-1 | 40559 | 45330 | 47958 | 44615 | 8.41 | cps |
| Bromine | 81-2 | 8783 | 9553 | 9240 | 9192 | 4.22 | cps |
| Cadmium | 108-1 | 1213 | 1187 | 1100 | 1167 | 5.08 | cps |
| Cadmium | 106-1 | 3370 | 3507 | 3450 | 3443 | 1.99 | cps |
| Cadmium | 111-1 | 16261 | 16155 | 16023 | 16146 | 0.74 | cps |
| Calcium | 43-1 | 1077402 | 1084663 | 1072413 | 1078159 | 0.57 | cps |
| Calcium | 44-1 | 16752054 | 16893915 | 16776936 | 16807635 | 0.45 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 44576 | 43399 | 42433 | 43469 | 2.47 | cps |
| Cobalt | 59-2 | 34764 | 34343 | 34730 | 34612 | 0.68 | cps |
| Copper | 63-2 | 1111822 | 1099795 | 1101798 | 1104472 | 0.58 | cps |
| Dysprosium | 156-1 | 2910 | 2914 | 2814 | 2879 | 1.97 | cps |
| Dysprosium | 156-2 | 2470 | 2520 | 2504 | 2498 | 1.02 | cps |
| Erbium | 164-1 | 3000 | 2927 | 3080 | 3003 | 2.55 | cps |
| Erbium | 164-2 | 2227 | 2360 | 2204 | 2264 | 3.73 | cps |
| Gadolinium | 160-1 | 2980 | 3337 | 3054 | 3124 | 6.03 | cps |
| Gadolinium | 160-2 | 2587 | 2714 | 2460 | 2587 | 4.90 | cps |
| Holmium | 165-1 | 5046224 | 5090107 | 4997289 | 5044540 | 0.92 | cps |
| Holmium | 165-2 | 3935118 | 3792736 | 3813973 | 3847276 | 2.00 | cps |
| Indium | 115-1 | 4043377 | 3928641 | 4055854 | 4009291 | 1.75 | cps |
| Indium | 115-2 | 1587859 | 1612191 | 1584130 | 1594727 | 0.96 | cps |
| Iron | 56-2 | 16833082 | 16771593 | 16718062 | 16774246 | 0.34 | cps |
| Iron | 57-2 | 462525 | 458798 | 461765 | 461029 | 0.43 | cps |
| Iron | 54-2 | 961418 | 948620 | 950705 | 953581 | 0.72 | cps |
| Krypton | 83-1 | 373 | 373 | 413 | 387 | 5.97 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04DUP | Instrumnet Name : | P7 |
| Client Sample ID : | 3444DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:49:55 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 506903 | 509540 | 507682 | 508042 | 0.27 | cps |
| Lead | 207-1 | 422542 | 422525 | 422285 | 422451 | 0.03 | cps |
| Lead | 208-1 | 1941109 | 1946363 | 1944251 | 1943907 | 0.14 | cps |
| Lithium | 6-1 | 717146 | 710027 | 712226 | 713133 | 0.51 | cps |
| Magnesium | 24-2 | 3220848 | 3124708 | 3204295 | 3183283 | 1.61 | cps |
| Manganese | 55-2 | 556498 | 552819 | 548096 | 552471 | 0.76 | cps |
| Molybdenum | 94-1 | 34654 | 35420 | 34514 | 34863 | 1.40 | cps |
| Molybdenum | 95-1 | 37695 | 38136 | 36783 | 37538 | 1.84 | cps |
| Molybdenum | 96-1 | 41786 | 42538 | 42040 | 42122 | 0.91 | cps |
| Molybdenum | 97-1 | 23462 | 23332 | 23446 | 23413 | 0.30 | cps |
| Molybdenum | 98-1 | 61077 | 60839 | 59815 | 60577 | 1.11 | cps |
| Neodymium | 150-1 | 3697 | 3647 | 3644 | 3663 | 0.82 | cps |
| Neodymium | 150-2 | 2370 | 2490 | 2437 | 2432 | 2.47 | cps |
| Nickel | 60-2 | 28771 | 27913 | 27749 | 28144 | 1.95 | cps |
| Phosphorus | 31-2 | 11855 | 11728 | 11785 | 11789 | 0.54 | cps |
| Potassium | 39-2 | 5498570 | 5462263 | 5400109 | 5453647 | 0.91 | cps |
| Rhodium | 103-1 | 3961889 | 4036929 | 4020437 | 4006418 | 0.98 | cps |
| Rhodium | 103-2 | 2628574 | 2645453 | 2611854 | 2628627 | 0.64 | cps |
| Scandium | 45-1 | 2613821 | 2551599 | 2533983 | 2566468 | 1.63 | cps |
| Scandium | 45-2 | 274851 | 270665 | 272290 | 272602 | 0.77 | cps |
| Selenium | 82-1 | 306 | 264 | 313 | 294 | 9.00 | cps |
| Selenium | 77-2 | 13 | 33 | 17 | 21 | 50.75 | cps |
| Selenium | 78-2 | 427 | 337 | 283 | 349 | 20.76 | cps |
| Silicon | 28-1 | 30712740 | 30568530 | 30476270 | 30585847 | 0.39 | cps |
| Silver | 107-1 | 3951 | 3897 | 3994 | 3947 | 1.23 | cps |
| Silver | 109-1 | 3741 | 3801 | 3524 | 3688 | 3.95 | cps |
| Sodium | 23-2 | 73445134 | 71679082 | 72820377 | 72648198 | 1.23 | cps |
| Strontium | 86-1 | 319755 | 319175 | 313368 | 317433 | 1.11 | cps |
| Strontium | 88-1 | 2947988 | 2802431 | 2821605 | 2857342 | 2.77 | cps |
| Sulfur | 34-1 | 1178612 | 1210989 | 1121402 | 1170334 | 3.88 | cps |
| Terbium | 159-1 | 5154587 | 5145442 | 5054168 | 5118066 | 1.08 | cps |
| Terbium | 159-2 | 3724700 | 3619173 | 3687202 | 3677025 | 1.45 | cps |
| Thallium | 203-1 | 367 | 407 | 363 | 379 | 6.36 | cps |
| Thallium | 205-1 | 927 | 1050 | 950 | 976 | 6.72 | cps |
| Tin | 118-1 | 27463 | 27680 | 27423 | 27522 | 0.50 | cps |
| Titanium | 47-1 | 65279 | 61662 | 61258 | 62733 | 3.53 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04DUP | Instrumnet Name : | P7 |
| Client Sample ID : | 3444DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:49:55 | DataFile Name : | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6098 | 5941 | 6178 | 6073 | 1.98 | cps |
| Vanadium | 51-2 | 19806 | 20330 | 19950 | 20029 | 1.35 | cps |
| Yttrium | 89-1 | 7572735 | 7268997 | 7338851 | 7393527 | 2.15 | cps |
| Yttrium | 89-2 | 2173692 | 2182773 | 2224553 | 2193673 | 1.24 | cps |
| Zinc | 66-2 | 2595275 | 2578312 | 2619343 | 2597643 | 0.79 | cps |
| Zirconium | 90-1 | 35710 | 36228 | 35018 | 35652 | 1.70 | cps |
| Zirconium | 91-1 | 7886 | 8249 | 7966 | 8033 | 2.38 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 13:53:08 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 67651 | 65037 | 66266 | 66318 | 1.97 | cps |
| Antimony | 121-1 | 4491 | 4334 | 4397 | 4407 | 1.79 | cps |
| Arsenic | 75-2 | 1242 | 1127 | 1117 | 1162 | 5.99 | cps |
| Barium | 135-1 | 21490 | 22247 | 22257 | 21998 | 2.00 | cps |
| Barium | 137-1 | 37516 | 38432 | 38345 | 38098 | 1.33 | cps |
| Beryllium | 9-1 | 30 | 50 | 63 | 48 | 35.11 | cps |
| Bismuth | 209-1 | 2987355 | 3084713 | 3064858 | 3045642 | 1.69 | cps |
| Bismuth | 209-2 | 2767392 | 2752720 | 2726684 | 2748932 | 0.75 | cps |
| Bromine | 81-1 | 19086 | 18555 | 17767 | 18469 | 3.59 | cps |
| Bromine | 81-2 | 2110 | 2147 | 2227 | 2161 | 2.76 | cps |
| Cadmium | 108-1 | 170 | 227 | 197 | 198 | 14.33 | cps |
| Cadmium | 106-1 | 2067 | 2080 | 2090 | 2079 | 0.56 | cps |
| Cadmium | 111-1 | 4108 | 4174 | 4182 | 4155 | 0.98 | cps |
| Calcium | 43-1 | 200571 | 200678 | 203039 | 201429 | 0.69 | cps |
| Calcium | 44-1 | 3136706 | 3181202 | 3241244 | 3186384 | 1.65 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 9099 | 8819 | 9116 | 9012 | 1.85 | cps |
| Cobalt | 59-2 | 6922 | 6662 | 6685 | 6756 | 2.13 | cps |
| Copper | 63-2 | 215068 | 216439 | 215246 | 215584 | 0.35 | cps |
| Dysprosium | 156-1 | 527 | 507 | 583 | 539 | 7.38 | cps |
| Dysprosium | 156-2 | 587 | 493 | 520 | 533 | 9.01 | cps |
| Erbium | 164-1 | 550 | 590 | 597 | 579 | 4.36 | cps |
| Erbium | 164-2 | 410 | 490 | 473 | 458 | 9.22 | cps |
| Gadolinium | 160-1 | 747 | 620 | 573 | 647 | 13.87 | cps |
| Gadolinium | 160-2 | 697 | 727 | 677 | 700 | 3.60 | cps |
| Holmium | 165-1 | 4741864 | 4771164 | 4873894 | 4795641 | 1.45 | cps |
| Holmium | 165-2 | 3823485 | 3776209 | 3703045 | 3767579 | 1.61 | cps |
| Indium | 115-1 | 3844424 | 3911487 | 4019360 | 3925091 | 2.25 | cps |
| Indium | 115-2 | 1575282 | 1560350 | 1563175 | 1566269 | 0.51 | cps |
| Iron | 56-2 | 3254580 | 3304431 | 3272674 | 3277228 | 0.77 | cps |
| Iron | 57-2 | 91094 | 89756 | 90524 | 90458 | 0.74 | cps |
| Iron | 54-2 | 185778 | 187333 | 187273 | 186795 | 0.47 | cps |
| Krypton | 83-1 | 380 | 377 | 450 | 402 | 10.29 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 13:53:08 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 95048 | 98954 | 99055 | 97685 | 2.34 | cps |
| Lead | 207-1 | 79639 | 80941 | 80699 | 80426 | 0.86 | cps |
| Lead | 208-1 | 368542 | 376914 | 375585 | 373680 | 1.20 | cps |
| Lithium | 6-1 | 673988 | 683411 | 680690 | 679363 | 0.71 | cps |
| Magnesium | 24-2 | 605345 | 597074 | 598653 | 600358 | 0.73 | cps |
| Manganese | 55-2 | 117306 | 116631 | 119602 | 117846 | 1.32 | cps |
| Molybdenum | 94-1 | 6421 | 6685 | 6672 | 6593 | 2.25 | cps |
| Molybdenum | 95-1 | 7005 | 7372 | 7219 | 7199 | 2.56 | cps |
| Molybdenum | 96-1 | 8059 | 7802 | 8166 | 8009 | 2.33 | cps |
| Molybdenum | 97-1 | 4534 | 4617 | 4487 | 4546 | 1.45 | cps |
| Molybdenum | 98-1 | 11381 | 11661 | 11885 | 11643 | 2.17 | cps |
| Neodymium | 150-1 | 787 | 690 | 770 | 749 | 6.90 | cps |
| Neodymium | 150-2 | 350 | 467 | 343 | 387 | 17.94 | cps |
| Nickel | 60-2 | 5624 | 5778 | 5741 | 5714 | 1.40 | cps |
| Phosphorus | 31-2 | 2757 | 2790 | 2710 | 2753 | 1.46 | cps |
| Potassium | 39-2 | 1123338 | 1120844 | 1124241 | 1122808 | 0.16 | cps |
| Rhodium | 103-1 | 3859514 | 3942274 | 3939028 | 3913605 | 1.20 | cps |
| Rhodium | 103-2 | 2683525 | 2613187 | 2657699 | 2651471 | 1.34 | cps |
| Scandium | 45-1 | 2451679 | 2460928 | 2468930 | 2460513 | 0.35 | cps |
| Scandium | 45-2 | 263759 | 261016 | 263272 | 262682 | 0.56 | cps |
| Selenium | 82-1 | 218 | 216 | 229 | 221 | 3.23 | cps |
| Selenium | 77-2 | 0 | 17 | 10 | 9 | 94.38 | cps |
| Selenium | 78-2 | 280 | 363 | 350 | 331 | 13.52 | cps |
| Silicon | 28-1 | 6586355 | 6644509 | 6831063 | 6687309 | 1.91 | cps |
| Silver | 107-1 | 763 | 827 | 697 | 762 | 8.53 | cps |
| Silver | 109-1 | 810 | 757 | 737 | 768 | 4.94 | cps |
| Sodium | 23-2 | 13922367 | 13824663 | 13947373 | 13898134 | 0.47 | cps |
| Strontium | 86-1 | 59393 | 60384 | 60162 | 59980 | 0.87 | cps |
| Strontium | 88-1 | 515183 | 521883 | 520875 | 519313 | 0.70 | cps |
| Sulfur | 34-1 | 343480 | 347992 | 346236 | 345903 | 0.66 | cps |
| Terbium | 159-1 | 4765903 | 4805278 | 4833068 | 4801417 | 0.70 | cps |
| Terbium | 159-2 | 3559030 | 3593805 | 3625106 | 3592647 | 0.92 | cps |
| Thallium | 203-1 | 223 | 263 | 273 | 253 | 10.44 | cps |
| Thallium | 205-1 | 643 | 557 | 553 | 584 | 8.73 | cps |
| Tin | 118-1 | 6855 | 6982 | 7452 | 7096 | 4.43 | cps |
| Titanium | 47-1 | 11358 | 11548 | 11905 | 11603 | 2.39 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | 3444L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 13:53:08 | DataFile Name : | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1200 | 1193 | 1253 | 1216 | 2.71 | cps |
| Vanadium | 51-2 | 3864 | 3784 | 3904 | 3851 | 1.59 | cps |
| Yttrium | 89-1 | 6948907 | 7016527 | 7025167 | 6996867 | 0.60 | cps |
| Yttrium | 89-2 | 2118119 | 2129057 | 2078169 | 2108448 | 1.27 | cps |
| Zinc | 66-2 | 507398 | 500494 | 502124 | 503338 | 0.72 | cps |
| Zirconium | 90-1 | 6715 | 7075 | 7289 | 7026 | 4.13 | cps |
| Zirconium | 91-1 | 1520 | 1567 | 1663 | 1583 | 4.62 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MS | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:56:29 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1765723 | 1769142 | 1764307 | 1766391 | 0.14 | cps |
| Antimony | 121-1 | 2463331 | 2512223 | 2489872 | 2488476 | 0.98 | cps |
| Arsenic | 75-2 | 213696 | 211288 | 207631 | 210872 | 1.45 | cps |
| Barium | 135-1 | 2649644 | 2667000 | 2696959 | 2671201 | 0.90 | cps |
| Barium | 137-1 | 4574725 | 4686288 | 4558640 | 4606551 | 1.51 | cps |
| Beryllium | 9-1 | 474449 | 464491 | 461797 | 466912 | 1.43 | cps |
| Bismuth | 209-1 | 3168814 | 3141613 | 3152144 | 3154190 | 0.43 | cps |
| Bismuth | 209-2 | 2811618 | 2724020 | 2778007 | 2771215 | 1.59 | cps |
| Bromine | 81-1 | 37722 | 44116 | 49095 | 43644 | 13.06 | cps |
| Bromine | 81-2 | 9296 | 9963 | 10090 | 9783 | 4.36 | cps |
| Cadmium | 108-1 | 48705 | 48932 | 48391 | 48676 | 0.56 | cps |
| Cadmium | 106-1 | 71682 | 71836 | 70972 | 71497 | 0.64 | cps |
| Cadmium | 111-1 | 704567 | 708478 | 713241 | 708762 | 0.61 | cps |
| Calcium | 43-1 | 1697145 | 1756364 | 1671129 | 1708213 | 2.56 | cps |
| Calcium | 44-1 | 26734817 | 27686552 | 26960602 | 27127324 | 1.83 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1377414 | 1338583 | 1315525 | 1343841 | 2.33 | cps |
| Cobalt | 59-2 | 2110564 | 2069243 | 2096222 | 2092010 | 1.00 | cps |
| Copper | 63-2 | 16084896 | 15703519 | 15709722 | 15832712 | 1.38 | cps |
| Dysprosium | 156-1 | 2870 | 2767 | 2650 | 2763 | 3.99 | cps |
| Dysprosium | 156-2 | 2654 | 2734 | 2577 | 2655 | 2.95 | cps |
| Erbium | 164-1 | 2770 | 3020 | 2904 | 2898 | 4.32 | cps |
| Erbium | 164-2 | 2154 | 2187 | 2157 | 2166 | 0.85 | cps |
| Gadolinium | 160-1 | 2837 | 2784 | 2910 | 2844 | 2.24 | cps |
| Gadolinium | 160-2 | 2564 | 2720 | 2630 | 2638 | 2.98 | cps |
| Holmium | 165-1 | 5151833 | 5080194 | 5078040 | 5103356 | 0.82 | cps |
| Holmium | 165-2 | 3949777 | 3874764 | 3782404 | 3868982 | 2.17 | cps |
| Indium | 115-1 | 4126593 | 4132211 | 3978205 | 4079003 | 2.14 | cps |
| Indium | 115-2 | 1603423 | 1623393 | 1605649 | 1610822 | 0.68 | cps |
| Iron | 56-2 | 70665569 | 71115329 | 69941074 | 70573991 | 0.84 | cps |
| Iron | 57-2 | 1818966 | 1784245 | 1790797 | 1798003 | 1.03 | cps |
| Iron | 54-2 | 3872606 | 3922642 | 3942525 | 3912591 | 0.92 | cps |
| Krypton | 83-1 | 380 | 367 | 407 | 384 | 5.30 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MS | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:56:29 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9947676 | 10050909 | 10002802 | 10000462 | 0.52 | cps |
| Lead | 207-1 | 8487400 | 8873369 | 8584533 | 8648434 | 2.32 | cps |
| Lead | 208-1 | 39110590 | 40050578 | 39007125 | 39389431 | 1.46 | cps |
| Lithium | 6-1 | 721375 | 726547 | 722897 | 723606 | 0.37 | cps |
| Magnesium | 24-2 | 17799363 | 18093808 | 17519661 | 17804278 | 1.61 | cps |
| Manganese | 55-2 | 11119652 | 10932164 | 10715129 | 10922315 | 1.85 | cps |
| Molybdenum | 94-1 | 4387206 | 4302011 | 4297995 | 4329070 | 1.16 | cps |
| Molybdenum | 95-1 | 4681426 | 4648860 | 4637600 | 4655962 | 0.49 | cps |
| Molybdenum | 96-1 | 5176509 | 5243979 | 5215126 | 5211871 | 0.65 | cps |
| Molybdenum | 97-1 | 2907550 | 2842345 | 2895028 | 2881641 | 1.20 | cps |
| Molybdenum | 98-1 | 7626050 | 7489154 | 7411635 | 7508947 | 1.45 | cps |
| Neodymium | 150-1 | 3427 | 3467 | 3480 | 3458 | 0.80 | cps |
| Neodymium | 150-2 | 2280 | 2317 | 2277 | 2291 | 0.97 | cps |
| Nickel | 60-2 | 551384 | 550540 | 550397 | 550774 | 0.10 | cps |
| Phosphorus | 31-2 | 11127 | 11198 | 10871 | 11065 | 1.56 | cps |
| Potassium | 39-2 | 11809983 | 11908322 | 11724129 | 11814144 | 0.78 | cps |
| Rhodium | 103-1 | 3987943 | 4020209 | 3940975 | 3983042 | 1.00 | cps |
| Rhodium | 103-2 | 2654085 | 2628680 | 2707299 | 2663354 | 1.51 | cps |
| Scandium | 45-1 | 2580944 | 2641499 | 2581869 | 2601437 | 1.33 | cps |
| Scandium | 45-2 | 279901 | 278673 | 278114 | 278896 | 0.33 | cps |
| Selenium | 82-1 | 60422 | 60420 | 60293 | 60378 | 0.12 | cps |
| Selenium | 77-2 | 7198 | 7188 | 7102 | 7163 | 0.74 | cps |
| Selenium | 78-2 | 24751 | 24664 | 24554 | 24656 | 0.40 | cps |
| Silicon | 28-1 | 29142647 | 30669425 | 29051481 | 29621184 | 3.07 | cps |
| Silver | 107-1 | 543348 | 549727 | 548624 | 547233 | 0.62 | cps |
| Silver | 109-1 | 515692 | 518696 | 521509 | 518632 | 0.56 | cps |
| Sodium | 23-2 | 92457982 | 91731625 | 91747242 | 91978950 | 0.45 | cps |
| Strontium | 86-1 | 1217960 | 1218194 | 1219562 | 1218572 | 0.07 | cps |
| Strontium | 88-1 | 10787130 | 10866476 | 10765155 | 10806254 | 0.49 | cps |
| Sulfur | 34-1 | 1081025 | 1078822 | 1070775 | 1076874 | 0.50 | cps |
| Terbium | 159-1 | 5014210 | 5131961 | 5098613 | 5081594 | 1.19 | cps |
| Terbium | 159-2 | 3776768 | 3713659 | 3695370 | 3728599 | 1.15 | cps |
| Thallium | 203-1 | 2197423 | 2347112 | 2240032 | 2261522 | 3.41 | cps |
| Thallium | 205-1 | 5386504 | 5565795 | 5419969 | 5457422 | 1.75 | cps |
| Tin | 118-1 | 1824999 | 1820166 | 1818748 | 1821304 | 0.18 | cps |
| Titanium | 47-1 | 58449 | 59031 | 58790 | 58757 | 0.50 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MS | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:56:29 | DataFile Name : | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6977108 | 6866521 | 6718558 | 6854062 | 1.89 | cps |
| Vanadium | 51-2 | 1180523 | 1180221 | 1164337 | 1175027 | 0.79 | cps |
| Yttrium | 89-1 | 7491763 | 7565677 | 7460137 | 7505859 | 0.72 | cps |
| Yttrium | 89-2 | 2232591 | 2230733 | 2199547 | 2220957 | 0.84 | cps |
| Zinc | 66-2 | 5335958 | 5251142 | 5122353 | 5236485 | 2.05 | cps |
| Zirconium | 90-1 | 4358246 | 4344072 | 4312524 | 4338281 | 0.54 | cps |
| Zirconium | 91-1 | 954012 | 968790 | 958825 | 960542 | 0.78 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MSD | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:59:25 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1857400 | 1861850 | 1844445 | 1854565 | 0.49 | cps |
| Antimony | 121-1 | 2463769 | 2479780 | 2529528 | 2491026 | 1.38 | cps |
| Arsenic | 75-2 | 211157 | 210523 | 208742 | 210141 | 0.60 | cps |
| Barium | 135-1 | 2664752 | 2673467 | 2690216 | 2676145 | 0.48 | cps |
| Barium | 137-1 | 4605034 | 4610119 | 4567539 | 4594231 | 0.51 | cps |
| Beryllium | 9-1 | 460137 | 469307 | 470830 | 466758 | 1.24 | cps |
| Bismuth | 209-1 | 3139927 | 3164756 | 3178284 | 3160989 | 0.62 | cps |
| Bismuth | 209-2 | 2884959 | 2860214 | 2872514 | 2872562 | 0.43 | cps |
| Bromine | 81-1 | 39633 | 44112 | 46610 | 43452 | 8.14 | cps |
| Bromine | 81-2 | 8679 | 9026 | 9046 | 8917 | 2.31 | cps |
| Cadmium | 108-1 | 49795 | 50023 | 49748 | 49856 | 0.29 | cps |
| Cadmium | 106-1 | 72054 | 73096 | 73200 | 72784 | 0.87 | cps |
| Cadmium | 111-1 | 704088 | 699969 | 715407 | 706488 | 1.13 | cps |
| Calcium | 43-1 | 1682908 | 1756351 | 1719824 | 1719694 | 2.14 | cps |
| Calcium | 44-1 | 26849216 | 27477310 | 27362359 | 27229628 | 1.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1371140 | 1360902 | 1342470 | 1358171 | 1.07 | cps |
| Cobalt | 59-2 | 2142078 | 2143394 | 2165034 | 2150168 | 0.60 | cps |
| Copper | 63-2 | 16516784 | 16648336 | 16054892 | 16406671 | 1.90 | cps |
| Dysprosium | 156-1 | 2904 | 2924 | 2704 | 2844 | 4.28 | cps |
| Dysprosium | 156-2 | 2760 | 2750 | 2590 | 2700 | 3.53 | cps |
| Erbium | 164-1 | 2814 | 3064 | 2844 | 2907 | 4.70 | cps |
| Erbium | 164-2 | 2264 | 2280 | 2237 | 2260 | 0.97 | cps |
| Gadolinium | 160-1 | 2957 | 3047 | 3040 | 3015 | 1.66 | cps |
| Gadolinium | 160-2 | 2700 | 2787 | 2744 | 2744 | 1.58 | cps |
| Holmium | 165-1 | 5205972 | 5164510 | 5208507 | 5192996 | 0.48 | cps |
| Holmium | 165-2 | 4030948 | 4005746 | 3992841 | 4009845 | 0.48 | cps |
| Indium | 115-1 | 4147337 | 4150278 | 4133055 | 4143556 | 0.22 | cps |
| Indium | 115-2 | 1665171 | 1620830 | 1667781 | 1651261 | 1.60 | cps |
| Iron | 56-2 | 71873012 | 72249622 | 71754546 | 71959060 | 0.36 | cps |
| Iron | 57-2 | 1832306 | 1840263 | 1841099 | 1837889 | 0.26 | cps |
| Iron | 54-2 | 4013631 | 3990628 | 4052971 | 4019077 | 0.78 | cps |
| Krypton | 83-1 | 440 | 363 | 317 | 373 | 16.68 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MSD | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:59:25 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10106683 | 10323030 | 9966810 | 10132175 | 1.77 | cps |
| Lead | 207-1 | 8480705 | 8807215 | 8677279 | 8655066 | 1.90 | cps |
| Lead | 208-1 | 39565750 | 40155338 | 39088989 | 39603359 | 1.35 | cps |
| Lithium | 6-1 | 736316 | 737629 | 747346 | 740431 | 0.81 | cps |
| Magnesium | 24-2 | 18474386 | 19052893 | 18545230 | 18690836 | 1.69 | cps |
| Manganese | 55-2 | 11263371 | 10882931 | 11141676 | 11095993 | 1.75 | cps |
| Molybdenum | 94-1 | 4231703 | 4272595 | 4335344 | 4279881 | 1.22 | cps |
| Molybdenum | 95-1 | 4679509 | 4692539 | 4833903 | 4735317 | 1.81 | cps |
| Molybdenum | 96-1 | 5278230 | 5384153 | 5399269 | 5353884 | 1.23 | cps |
| Molybdenum | 97-1 | 2890055 | 2868883 | 2909569 | 2889502 | 0.70 | cps |
| Molybdenum | 98-1 | 7618161 | 7525063 | 7531686 | 7558303 | 0.69 | cps |
| Neodymium | 150-1 | 3654 | 3537 | 3480 | 3557 | 2.49 | cps |
| Neodymium | 150-2 | 2200 | 2370 | 2447 | 2339 | 5.40 | cps |
| Nickel | 60-2 | 560530 | 564379 | 559356 | 561422 | 0.47 | cps |
| Phosphorus | 31-2 | 11117 | 11574 | 10821 | 11171 | 3.40 | cps |
| Potassium | 39-2 | 12279341 | 12122020 | 11858464 | 12086608 | 1.76 | cps |
| Rhodium | 103-1 | 4089792 | 4109670 | 4110636 | 4103366 | 0.29 | cps |
| Rhodium | 103-2 | 2728335 | 2707808 | 2740283 | 2725475 | 0.60 | cps |
| Scandium | 45-1 | 2657194 | 2673787 | 2633076 | 2654686 | 0.77 | cps |
| Scandium | 45-2 | 289073 | 287188 | 285332 | 287198 | 0.65 | cps |
| Selenium | 82-1 | 59660 | 61317 | 61232 | 60736 | 1.54 | cps |
| Selenium | 77-2 | 7415 | 7432 | 7279 | 7375 | 1.14 | cps |
| Selenium | 78-2 | 25015 | 25205 | 24754 | 24991 | 0.91 | cps |
| Silicon | 28-1 | 29302707 | 30435875 | 30202900 | 29980494 | 2.00 | cps |
| Silver | 107-1 | 548204 | 544854 | 559630 | 550896 | 1.41 | cps |
| Silver | 109-1 | 513416 | 514373 | 518328 | 515372 | 0.51 | cps |
| Sodium | 23-2 | 95401735 | 96103115 | 93026765 | 94843872 | 1.70 | cps |
| Strontium | 86-1 | 1222689 | 1223053 | 1222047 | 1222597 | 0.04 | cps |
| Strontium | 88-1 | 10796524 | 10862416 | 11090489 | 10916476 | 1.41 | cps |
| Sulfur | 34-1 | 1078136 | 1164066 | 1089961 | 1110721 | 4.19 | cps |
| Terbium | 159-1 | 5146456 | 5355951 | 5208965 | 5237124 | 2.05 | cps |
| Terbium | 159-2 | 3914516 | 3859725 | 3827428 | 3867223 | 1.14 | cps |
| Thallium | 203-1 | 2240812 | 2339339 | 2280655 | 2286935 | 2.17 | cps |
| Thallium | 205-1 | 5572165 | 5505298 | 5547585 | 5541682 | 0.61 | cps |
| Tin | 118-1 | 1857041 | 1867087 | 1842553 | 1855561 | 0.66 | cps |
| Titanium | 47-1 | 59329 | 62364 | 59349 | 60347 | 2.89 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04MSD | Instrumnet Name : | P7 |
| Client Sample ID : | 3444MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 13:59:25 | DataFile Name : | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6855542 | 6930254 | 6854412 | 6880069 | 0.63 | cps |
| Vanadium | 51-2 | 1189389 | 1192144 | 1176304 | 1185946 | 0.71 | cps |
| Yttrium | 89-1 | 7546342 | 7673221 | 7610295 | 7609953 | 0.83 | cps |
| Yttrium | 89-2 | 2322758 | 2339712 | 2222191 | 2294887 | 2.77 | cps |
| Zinc | 66-2 | 5303477 | 5396740 | 5358065 | 5352761 | 0.88 | cps |
| Zirconium | 90-1 | 4340922 | 4398054 | 4425198 | 4388058 | 0.98 | cps |
| Zirconium | 91-1 | 948566 | 966944 | 968708 | 961406 | 1.16 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04A | Instrumnet Name : | P7 |
| Client Sample ID : | 3444A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:02:13 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1894536 | 1874654 | 1817840 | 1862343 | 2.14 | cps |
| Antimony | 121-1 | 2544957 | 2572081 | 2531477 | 2549505 | 0.81 | cps |
| Arsenic | 75-2 | 214154 | 214462 | 212646 | 213754 | 0.45 | cps |
| Barium | 135-1 | 2649976 | 2782230 | 2685923 | 2706043 | 2.53 | cps |
| Barium | 137-1 | 4608111 | 4753963 | 4782430 | 4714835 | 1.98 | cps |
| Beryllium | 9-1 | 473882 | 484604 | 479956 | 479480 | 1.12 | cps |
| Bismuth | 209-1 | 3214080 | 3153101 | 3180302 | 3182495 | 0.96 | cps |
| Bismuth | 209-2 | 2841629 | 2844565 | 2862087 | 2849427 | 0.39 | cps |
| Bromine | 81-1 | 41208 | 48386 | 52158 | 47251 | 11.77 | cps |
| Bromine | 81-2 | 10197 | 10814 | 10360 | 10457 | 3.06 | cps |
| Cadmium | 108-1 | 51280 | 51648 | 51424 | 51451 | 0.36 | cps |
| Cadmium | 106-1 | 75251 | 75710 | 72600 | 74520 | 2.25 | cps |
| Cadmium | 111-1 | 727693 | 736616 | 728625 | 730978 | 0.67 | cps |
| Calcium | 43-1 | 1733699 | 1766119 | 1746436 | 1748751 | 0.93 | cps |
| Calcium | 44-1 | 27217985 | 28007273 | 27599855 | 27608371 | 1.43 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1383766 | 1400542 | 1368983 | 1384430 | 1.14 | cps |
| Cobalt | 59-2 | 2238444 | 2247116 | 2173031 | 2219530 | 1.82 | cps |
| Copper | 63-2 | 16499709 | 16379814 | 16218747 | 16366090 | 0.86 | cps |
| Dysprosium | 156-1 | 2874 | 2834 | 2647 | 2785 | 4.35 | cps |
| Dysprosium | 156-2 | 2870 | 2920 | 2660 | 2817 | 4.90 | cps |
| Erbium | 164-1 | 3207 | 3010 | 2900 | 3039 | 5.11 | cps |
| Erbium | 164-2 | 2184 | 2060 | 2230 | 2158 | 4.07 | cps |
| Gadolinium | 160-1 | 3024 | 2890 | 3030 | 2981 | 2.65 | cps |
| Gadolinium | 160-2 | 2740 | 2720 | 2680 | 2714 | 1.13 | cps |
| Holmium | 165-1 | 5102307 | 5202083 | 5279803 | 5194731 | 1.71 | cps |
| Holmium | 165-2 | 4051097 | 3991716 | 4016860 | 4019891 | 0.74 | cps |
| Indium | 115-1 | 4110545 | 4106257 | 4187812 | 4134871 | 1.11 | cps |
| Indium | 115-2 | 1642660 | 1640846 | 1634147 | 1639218 | 0.27 | cps |
| Iron | 56-2 | 73063152 | 73737452 | 71774884 | 72858496 | 1.37 | cps |
| Iron | 57-2 | 1860995 | 1861517 | 1879104 | 1867205 | 0.55 | cps |
| Iron | 54-2 | 4144341 | 3991891 | 4087413 | 4074548 | 1.89 | cps |
| Krypton | 83-1 | 390 | 383 | 430 | 401 | 6.29 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04A | Instrumnet Name : | P7 |
| Client Sample ID : | 3444A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:02:13 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10060351 | 10332660 | 10278307 | 10223773 | 1.41 | cps |
| Lead | 207-1 | 8857440 | 8908818 | 8812966 | 8859741 | 0.54 | cps |
| Lead | 208-1 | 40265596 | 40377010 | 40548621 | 40397076 | 0.35 | cps |
| Lithium | 6-1 | 740017 | 736390 | 741618 | 739342 | 0.36 | cps |
| Magnesium | 24-2 | 18642541 | 18397883 | 18043838 | 18361421 | 1.64 | cps |
| Manganese | 55-2 | 11126880 | 11155651 | 11082971 | 11121834 | 0.33 | cps |
| Molybdenum | 94-1 | 4327231 | 4423363 | 4411104 | 4387233 | 1.19 | cps |
| Molybdenum | 95-1 | 4811875 | 4824511 | 4744053 | 4793479 | 0.90 | cps |
| Molybdenum | 96-1 | 5371188 | 5346061 | 5423296 | 5380182 | 0.73 | cps |
| Molybdenum | 97-1 | 2952026 | 2969653 | 2914591 | 2945423 | 0.95 | cps |
| Molybdenum | 98-1 | 7695171 | 7668778 | 7657406 | 7673785 | 0.25 | cps |
| Neodymium | 150-1 | 3654 | 3811 | 3767 | 3744 | 2.16 | cps |
| Neodymium | 150-2 | 2357 | 2247 | 2107 | 2237 | 5.60 | cps |
| Nickel | 60-2 | 579203 | 576049 | 568545 | 574599 | 0.95 | cps |
| Phosphorus | 31-2 | 11504 | 11114 | 11564 | 11394 | 2.15 | cps |
| Potassium | 39-2 | 12345800 | 12229577 | 12117579 | 12230986 | 0.93 | cps |
| Rhodium | 103-1 | 4122636 | 4041964 | 4009243 | 4057948 | 1.44 | cps |
| Rhodium | 103-2 | 2764829 | 2779988 | 2738389 | 2761068 | 0.76 | cps |
| Scandium | 45-1 | 2702095 | 2683443 | 2648380 | 2677973 | 1.02 | cps |
| Scandium | 45-2 | 288294 | 289156 | 283888 | 287113 | 0.98 | cps |
| Selenium | 82-1 | 61399 | 62076 | 62496 | 61990 | 0.89 | cps |
| Selenium | 77-2 | 7769 | 7912 | 7462 | 7714 | 2.98 | cps |
| Selenium | 78-2 | 25826 | 25469 | 25449 | 25581 | 0.83 | cps |
| Silicon | 28-1 | 29688149 | 29734227 | 30154570 | 29858982 | 0.86 | cps |
| Silver | 107-1 | 567935 | 575194 | 570237 | 571122 | 0.65 | cps |
| Silver | 109-1 | 530105 | 540549 | 537131 | 535928 | 0.99 | cps |
| Sodium | 23-2 | 94684639 | 95021155 | 94341442 | 94682412 | 0.36 | cps |
| Strontium | 86-1 | 1242242 | 1259539 | 1263339 | 1255040 | 0.90 | cps |
| Strontium | 88-1 | 11177752 | 11253073 | 11181829 | 11204218 | 0.38 | cps |
| Sulfur | 34-1 | 1094652 | 1191373 | 1099867 | 1128631 | 4.82 | cps |
| Terbium | 159-1 | 5337006 | 5239571 | 5305310 | 5293962 | 0.94 | cps |
| Terbium | 159-2 | 3803863 | 3836122 | 3859575 | 3833187 | 0.73 | cps |
| Thallium | 203-1 | 2307999 | 2353993 | 2379763 | 2347252 | 1.55 | cps |
| Thallium | 205-1 | 5599930 | 5741628 | 5705082 | 5682214 | 1.29 | cps |
| Tin | 118-1 | 1862444 | 1918302 | 1918163 | 1899636 | 1.70 | cps |
| Titanium | 47-1 | 58881 | 60414 | 61320 | 60205 | 2.05 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3386-04A | Instrumnet Name : | P7 |
| Client Sample ID : | 3444A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:02:13 | DataFile Name : | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7084734 | 7106547 | 7037161 | 7076147 | 0.50 | cps |
| Vanadium | 51-2 | 1225123 | 1225796 | 1216797 | 1222572 | 0.41 | cps |
| Yttrium | 89-1 | 7573534 | 7749433 | 7517276 | 7613414 | 1.59 | cps |
| Yttrium | 89-2 | 2294458 | 2261707 | 2307581 | 2287915 | 1.03 | cps |
| Zinc | 66-2 | 5419363 | 5466313 | 5409574 | 5431750 | 0.56 | cps |
| Zirconium | 90-1 | 4581312 | 4524099 | 4469297 | 4524903 | 1.24 | cps |
| Zirconium | 91-1 | 987134 | 996145 | 994871 | 992716 | 0.49 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:08:34 | DataFile Name : | 044CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 487 | 447 | 467 | 467 | 4.29 | cps |
| Antimony | 121-1 | 157 | 97 | 133 | 129 | 23.47 | cps |
| Arsenic | 75-2 | 11 | 8 | 5 | 8 | 41.03 | cps |
| Barium | 135-1 | 53 | 57 | 57 | 56 | 3.47 | cps |
| Barium | 137-1 | 107 | 63 | 70 | 80 | 29.17 | cps |
| Beryllium | 9-1 | 37 | 27 | 37 | 33 | 17.32 | cps |
| Bismuth | 209-1 | 3061154 | 3087960 | 2994972 | 3048028 | 1.57 | cps |
| Bismuth | 209-2 | 2812721 | 2762439 | 2735009 | 2770056 | 1.42 | cps |
| Bromine | 81-1 | 9937 | 9580 | 9730 | 9749 | 1.84 | cps |
| Bromine | 81-2 | 393 | 403 | 360 | 386 | 5.88 | cps |
| Cadmium | 108-1 | 10 | 23 | 20 | 18 | 39.03 | cps |
| Cadmium | 106-1 | 1797 | 1747 | 1690 | 1745 | 3.06 | cps |
| Cadmium | 111-1 | 1311 | 1276 | 1199 | 1262 | 4.53 | cps |
| Calcium | 43-1 | 110 | 170 | 163 | 148 | 22.25 | cps |
| Calcium | 44-1 | 18649 | 18575 | 19166 | 18797 | 1.71 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1770 | 1643 | 1873 | 1762 | 6.54 | cps |
| Cobalt | 59-2 | 97 | 77 | 107 | 93 | 16.37 | cps |
| Copper | 63-2 | 1780 | 1737 | 1903 | 1807 | 4.79 | cps |
| Dysprosium | 156-1 | 10 | 0 | 3 | 4 | 114.60 | cps |
| Dysprosium | 156-2 | 3 | 10 | 0 | 4 | 114.60 | cps |
| Erbium | 164-1 | 17 | 40 | 37 | 31 | 40.56 | cps |
| Erbium | 164-2 | 30 | 23 | 27 | 27 | 12.51 | cps |
| Gadolinium | 160-1 | 23 | 40 | 13 | 26 | 52.73 | cps |
| Gadolinium | 160-2 | 227 | 283 | 223 | 244 | 13.79 | cps |
| Holmium | 165-1 | 4837046 | 4761918 | 4872007 | 4823657 | 1.17 | cps |
| Holmium | 165-2 | 3787932 | 3758823 | 3780688 | 3775815 | 0.40 | cps |
| Indium | 115-1 | 3993813 | 4016577 | 4059042 | 4023144 | 0.82 | cps |
| Indium | 115-2 | 1580897 | 1585226 | 1583010 | 1583044 | 0.14 | cps |
| Iron | 56-2 | 23932 | 23645 | 23802 | 23793 | 0.60 | cps |
| Iron | 57-2 | 1723 | 1750 | 1553 | 1676 | 6.37 | cps |
| Iron | 54-2 | 2417 | 2297 | 2390 | 2368 | 2.66 | cps |
| Krypton | 83-1 | 377 | 413 | 293 | 361 | 17.03 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:08:34 | DataFile Name : | 044CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 410 | 377 | 357 | 381 | 7.07 | cps |
| Lead | 207-1 | 380 | 360 | 330 | 357 | 7.06 | cps |
| Lead | 208-1 | 1597 | 1640 | 1477 | 1571 | 5.39 | cps |
| Lithium | 6-1 | 691725 | 674892 | 688021 | 684879 | 1.29 | cps |
| Magnesium | 24-2 | 420 | 510 | 483 | 471 | 9.81 | cps |
| Manganese | 55-2 | 737 | 703 | 753 | 731 | 3.48 | cps |
| Molybdenum | 94-1 | 350 | 297 | 277 | 308 | 12.32 | cps |
| Molybdenum | 95-1 | 217 | 220 | 280 | 239 | 14.92 | cps |
| Molybdenum | 96-1 | 393 | 283 | 317 | 331 | 17.03 | cps |
| Molybdenum | 97-1 | 190 | 213 | 203 | 202 | 5.79 | cps |
| Molybdenum | 98-1 | 403 | 360 | 460 | 408 | 12.30 | cps |
| Neodymium | 150-1 | 7 | 0 | 3 | 3 | 100.05 | cps |
| Neodymium | 150-2 | 7 | 3 | 0 | 3 | 100.05 | cps |
| Nickel | 60-2 | 517 | 520 | 500 | 512 | 2.09 | cps |
| Phosphorus | 31-2 | 723 | 613 | 633 | 657 | 8.92 | cps |
| Potassium | 39-2 | 61855 | 60513 | 60955 | 61108 | 1.12 | cps |
| Rhodium | 103-1 | 4005997 | 4022086 | 4061141 | 4029741 | 0.70 | cps |
| Rhodium | 103-2 | 2686613 | 2660910 | 2647330 | 2664951 | 0.75 | cps |
| Scandium | 45-1 | 2490652 | 2479007 | 2402308 | 2457322 | 1.95 | cps |
| Scandium | 45-2 | 266998 | 265977 | 264174 | 265716 | 0.54 | cps |
| Selenium | 82-1 | 215 | 243 | 319 | 259 | 20.80 | cps |
| Selenium | 77-2 | 3 | 0 | 7 | 3 | 100.05 | cps |
| Selenium | 78-2 | 307 | 350 | 360 | 339 | 8.37 | cps |
| Silicon | 28-1 | 687030 | 679370 | 673850 | 680083 | 0.97 | cps |
| Silver | 107-1 | 150 | 157 | 143 | 150 | 4.44 | cps |
| Silver | 109-1 | 117 | 160 | 157 | 144 | 16.69 | cps |
| Sodium | 23-2 | 39681 | 39574 | 39918 | 39724 | 0.44 | cps |
| Strontium | 86-1 | 603 | 667 | 683 | 651 | 6.48 | cps |
| Strontium | 88-1 | 220 | 200 | 217 | 212 | 5.05 | cps |
| Sulfur | 34-1 | 168480 | 169080 | 169707 | 169089 | 0.36 | cps |
| Terbium | 159-1 | 4963343 | 4831059 | 4694381 | 4829595 | 2.78 | cps |
| Terbium | 159-2 | 3603306 | 3496559 | 3650023 | 3583296 | 2.20 | cps |
| Thallium | 203-1 | 423 | 447 | 423 | 431 | 3.13 | cps |
| Thallium | 205-1 | 1020 | 1127 | 953 | 1033 | 8.46 | cps |
| Tin | 118-1 | 1350 | 1330 | 1263 | 1315 | 3.45 | cps |
| Titanium | 47-1 | 37 | 100 | 83 | 73 | 44.76 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170191BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170191BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:08:34 | DataFile Name : | 044CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 60 | 37 | 47 | 48 | 24.50 | cps |
| Vanadium | 51-2 | 30 | 43 | 37 | 37 | 18.18 | cps |
| Yttrium | 89-1 | 7250070 | 7162756 | 7032618 | 7148481 | 1.53 | cps |
| Yttrium | 89-2 | 2152190 | 2161955 | 2089484 | 2134543 | 1.84 | cps |
| Zinc | 66-2 | 1490 | 1363 | 1293 | 1382 | 7.21 | cps |
| Zirconium | 90-1 | 370 | 440 | 480 | 430 | 12.95 | cps |
| Zirconium | 91-1 | 107 | 77 | 100 | 94 | 16.68 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:11:59 | DataFile Name : | 045CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8211681 | 8063054 | 8087335 | 8120690 | 0.98 | cps |
| Antimony | 121-1 | 2423347 | 2506959 | 2444897 | 2458401 | 1.77 | cps |
| Arsenic | 75-2 | 202019 | 200415 | 200835 | 201090 | 0.41 | cps |
| Barium | 135-1 | 2844470 | 2903725 | 2939838 | 2896011 | 1.66 | cps |
| Barium | 137-1 | 4925463 | 5065530 | 5020149 | 5003714 | 1.43 | cps |
| Beryllium | 9-1 | 455300 | 460224 | 460179 | 458568 | 0.62 | cps |
| Bismuth | 209-1 | 2934367 | 2913930 | 2941339 | 2929879 | 0.49 | cps |
| Bismuth | 209-2 | 2660710 | 2671595 | 2650387 | 2660897 | 0.40 | cps |
| Bromine | 81-1 | 8666 | 8659 | 8533 | 8619 | 0.87 | cps |
| Bromine | 81-2 | 260 | 257 | 227 | 248 | 7.41 | cps |
| Cadmium | 108-1 | 49100 | 50615 | 49417 | 49710 | 1.61 | cps |
| Cadmium | 106-1 | 70902 | 71622 | 69171 | 70565 | 1.79 | cps |
| Cadmium | 111-1 | 684342 | 692606 | 683440 | 686796 | 0.74 | cps |
| Calcium | 43-1 | 3545093 | 3581362 | 3494290 | 3540249 | 1.24 | cps |
| Calcium | 44-1 | 55877649 | 57183692 | 56147394 | 56402912 | 1.22 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1399154 | 1356787 | 1362278 | 1372740 | 1.68 | cps |
| Cobalt | 59-2 | 2073555 | 2106845 | 2076319 | 2085573 | 0.89 | cps |
| Copper | 63-2 | 16259484 | 15960680 | 15849829 | 16023331 | 1.32 | cps |
| Dysprosium | 156-1 | 200 | 210 | 213 | 208 | 3.34 | cps |
| Dysprosium | 156-2 | 383 | 313 | 303 | 333 | 13.08 | cps |
| Erbium | 164-1 | 260 | 313 | 303 | 292 | 9.70 | cps |
| Erbium | 164-2 | 223 | 260 | 293 | 259 | 13.52 | cps |
| Gadolinium | 160-1 | 170 | 163 | 187 | 173 | 6.93 | cps |
| Gadolinium | 160-2 | 383 | 363 | 420 | 389 | 7.39 | cps |
| Holmium | 165-1 | 4918692 | 4766932 | 4869262 | 4851629 | 1.60 | cps |
| Holmium | 165-2 | 3794090 | 3775618 | 3754038 | 3774582 | 0.53 | cps |
| Indium | 115-1 | 3863586 | 3812199 | 3889670 | 3855152 | 1.02 | cps |
| Indium | 115-2 | 1536009 | 1520725 | 1517719 | 1524818 | 0.64 | cps |
| Iron | 56-2 | 311480769 | 317275049 | 311242222 | 313332680 | 1.09 | cps |
| Iron | 57-2 | 7771421 | 7766557 | 7718209 | 7752063 | 0.38 | cps |
| Iron | 54-2 | 17207546 | 16892546 | 17094985 | 17065025 | 0.94 | cps |
| Krypton | 83-1 | 330 | 433 | 393 | 386 | 13.51 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:11:59 | DataFile Name : | 045CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9410849 | 9420040 | 9557658 | 9462849 | 0.87 | cps |
| Lead | 207-1 | 8047681 | 7916799 | 7988557 | 7984346 | 0.82 | cps |
| Lead | 208-1 | 37287079 | 36114108 | 36770591 | 36723926 | 1.60 | cps |
| Lithium | 6-1 | 684291 | 684798 | 688494 | 685861 | 0.33 | cps |
| Magnesium | 24-2 | 71230771 | 72004429 | 71268322 | 71501174 | 0.61 | cps |
| Manganese | 55-2 | 11517782 | 11363043 | 11275350 | 11385392 | 1.08 | cps |
| Molybdenum | 94-1 | 9363903 | 9370906 | 9085808 | 9273539 | 1.75 | cps |
| Molybdenum | 95-1 | 12878721 | 13134356 | 13191065 | 13068047 | 1.27 | cps |
| Molybdenum | 96-1 | 14075390 | 14336768 | 14350505 | 14254221 | 1.09 | cps |
| Molybdenum | 97-1 | 7944852 | 8129159 | 7984996 | 8019669 | 1.21 | cps |
| Molybdenum | 98-1 | 20650898 | 21252629 | 21106202 | 21003243 | 1.49 | cps |
| Neodymium | 150-1 | 147 | 153 | 130 | 143 | 8.39 | cps |
| Neodymium | 150-2 | 90 | 77 | 70 | 79 | 12.91 | cps |
| Nickel | 60-2 | 539526 | 534612 | 531852 | 535330 | 0.73 | cps |
| Phosphorus | 31-2 | 96187 | 95570 | 97062 | 96273 | 0.78 | cps |
| Potassium | 39-2 | 37298458 | 37408634 | 37502479 | 37403190 | 0.27 | cps |
| Rhodium | 103-1 | 3804651 | 3755262 | 3754875 | 3771596 | 0.76 | cps |
| Rhodium | 103-2 | 2548885 | 2505900 | 2541534 | 2532106 | 0.91 | cps |
| Scandium | 45-1 | 2525589 | 2489727 | 2494898 | 2503405 | 0.77 | cps |
| Scandium | 45-2 | 264256 | 267806 | 268721 | 266927 | 0.88 | cps |
| Selenium | 82-1 | 56062 | 56658 | 56681 | 56467 | 0.62 | cps |
| Selenium | 77-2 | 6808 | 6652 | 6962 | 6807 | 2.28 | cps |
| Selenium | 78-2 | 23215 | 23161 | 23489 | 23288 | 0.75 | cps |
| Silicon | 28-1 | 26201048 | 26438901 | 26148291 | 26262747 | 0.59 | cps |
| Silver | 107-1 | 3383272 | 3370467 | 3336399 | 3363379 | 0.72 | cps |
| Silver | 109-1 | 3237936 | 3240690 | 3186192 | 3221606 | 0.95 | cps |
| Sodium | 23-2 | 111953325 | 110839802 | 111998908 | 111597345 | 0.59 | cps |
| Strontium | 86-1 | 816878 | 825955 | 829552 | 824129 | 0.79 | cps |
| Strontium | 88-1 | 7259700 | 7338576 | 7384925 | 7327734 | 0.86 | cps |
| Sulfur | 34-1 | 415038 | 414451 | 413989 | 414492 | 0.13 | cps |
| Terbium | 159-1 | 4801767 | 4859300 | 4964094 | 4875054 | 1.69 | cps |
| Terbium | 159-2 | 3675316 | 3581919 | 3624919 | 3627385 | 1.29 | cps |
| Thallium | 203-1 | 2311014 | 2316191 | 2331794 | 2319666 | 0.47 | cps |
| Thallium | 205-1 | 5548842 | 5762751 | 5563553 | 5625048 | 2.12 | cps |
| Tin | 118-1 | 2048343 | 2068351 | 2041351 | 2052682 | 0.68 | cps |
| Titanium | 47-1 | 3533612 | 3530368 | 3497102 | 3520361 | 0.57 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:11:59 | DataFile Name : | 045CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7114729 | 7073509 | 7111522 | 7099920 | 0.32 | cps |
| Vanadium | 51-2 | 1152042 | 1167109 | 1157634 | 1158928 | 0.66 | cps |
| Yttrium | 89-1 | 7084050 | 7109807 | 7106694 | 7100184 | 0.20 | cps |
| Yttrium | 89-2 | 2155336 | 2129402 | 2131193 | 2138644 | 0.68 | cps |
| Zinc | 66-2 | 3072634 | 2958538 | 2948404 | 2993192 | 2.30 | cps |
| Zirconium | 90-1 | 4481977 | 4554537 | 4587499 | 4541338 | 1.19 | cps |
| Zirconium | 91-1 | 995765 | 1002034 | 999582 | 999127 | 0.32 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:18:19 | DataFile Name : | 047CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 503 | 473 | 543 | 507 | 6.93 | cps |
| Antimony | 121-1 | 217 | 240 | 270 | 242 | 11.04 | cps |
| Arsenic | 75-2 | 8 | 8 | 15 | 10 | 38.47 | cps |
| Barium | 135-1 | 33 | 47 | 40 | 40 | 16.68 | cps |
| Barium | 137-1 | 27 | 50 | 67 | 48 | 42.05 | cps |
| Beryllium | 9-1 | 10 | 23 | 23 | 19 | 40.75 | cps |
| Bismuth | 209-1 | 2951433 | 2979779 | 2976656 | 2969289 | 0.52 | cps |
| Bismuth | 209-2 | 2740774 | 2719904 | 2712074 | 2724251 | 0.54 | cps |
| Bromine | 81-1 | 8726 | 8519 | 8876 | 8707 | 2.06 | cps |
| Bromine | 81-2 | 247 | 257 | 240 | 248 | 3.39 | cps |
| Cadmium | 108-1 | 10 | 17 | 0 | 9 | 94.38 | cps |
| Cadmium | 106-1 | 1947 | 1630 | 1620 | 1732 | 10.73 | cps |
| Cadmium | 111-1 | 1386 | 1159 | 1164 | 1236 | 10.46 | cps |
| Calcium | 43-1 | 230 | 177 | 260 | 222 | 18.99 | cps |
| Calcium | 44-1 | 19149 | 18075 | 18301 | 18508 | 3.06 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1547 | 1463 | 1567 | 1526 | 3.59 | cps |
| Cobalt | 59-2 | 67 | 73 | 57 | 66 | 12.79 | cps |
| Copper | 63-2 | 1410 | 1340 | 1250 | 1333 | 6.02 | cps |
| Dysprosium | 156-1 | 0 | 3 | 7 | 3 | 100.05 | cps |
| Dysprosium | 156-2 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Erbium | 164-1 | 37 | 33 | 33 | 34 | 5.60 | cps |
| Erbium | 164-2 | 13 | 3 | 17 | 11 | 62.48 | cps |
| Gadolinium | 160-1 | 20 | 17 | 30 | 22 | 31.22 | cps |
| Gadolinium | 160-2 | 230 | 223 | 327 | 260 | 22.24 | cps |
| Holmium | 165-1 | 4717406 | 4695998 | 4688621 | 4700675 | 0.32 | cps |
| Holmium | 165-2 | 3786522 | 3716656 | 3635733 | 3712970 | 2.03 | cps |
| Indium | 115-1 | 3853132 | 3866265 | 3940938 | 3886778 | 1.22 | cps |
| Indium | 115-2 | 1545114 | 1539590 | 1525512 | 1536739 | 0.66 | cps |
| Iron | 56-2 | 26156 | 26306 | 28250 | 26904 | 4.34 | cps |
| Iron | 57-2 | 1687 | 1763 | 1637 | 1696 | 3.76 | cps |
| Iron | 54-2 | 2457 | 2457 | 2297 | 2404 | 3.84 | cps |
| Krypton | 83-1 | 440 | 410 | 310 | 387 | 17.60 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:18:19 | DataFile Name : | 047CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 300 | 337 | 353 | 330 | 8.27 | cps |
| Lead | 207-1 | 337 | 310 | 303 | 317 | 5.57 | cps |
| Lead | 208-1 | 1380 | 1427 | 1370 | 1392 | 2.17 | cps |
| Lithium | 6-1 | 664581 | 667911 | 667122 | 666538 | 0.26 | cps |
| Magnesium | 24-2 | 443 | 377 | 407 | 409 | 8.17 | cps |
| Manganese | 55-2 | 607 | 690 | 720 | 672 | 8.74 | cps |
| Molybdenum | 94-1 | 260 | 257 | 270 | 262 | 2.65 | cps |
| Molybdenum | 95-1 | 210 | 280 | 273 | 254 | 15.19 | cps |
| Molybdenum | 96-1 | 270 | 263 | 343 | 292 | 15.19 | cps |
| Molybdenum | 97-1 | 163 | 140 | 163 | 156 | 8.66 | cps |
| Molybdenum | 98-1 | 427 | 410 | 327 | 388 | 13.82 | cps |
| Neodymium | 150-1 | 3 | 7 | 3 | 4 | 43.40 | cps |
| Neodymium | 150-2 | 3 | 10 | 0 | 4 | 114.60 | cps |
| Nickel | 60-2 | 440 | 397 | 407 | 414 | 5.47 | cps |
| Phosphorus | 31-2 | 670 | 617 | 597 | 628 | 6.04 | cps |
| Potassium | 39-2 | 60322 | 60309 | 60061 | 60231 | 0.24 | cps |
| Rhodium | 103-1 | 3920957 | 3914886 | 3926378 | 3920740 | 0.15 | cps |
| Rhodium | 103-2 | 2623241 | 2626030 | 2633697 | 2627656 | 0.21 | cps |
| Scandium | 45-1 | 2348438 | 2382856 | 2421984 | 2384426 | 1.54 | cps |
| Scandium | 45-2 | 254804 | 254807 | 260719 | 256777 | 1.33 | cps |
| Selenium | 82-1 | 182 | 238 | 373 | 264 | 37.04 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 357 | 397 | 420 | 391 | 8.19 | cps |
| Silicon | 28-1 | 655371 | 655164 | 655900 | 655478 | 0.06 | cps |
| Silver | 107-1 | 167 | 177 | 130 | 158 | 15.57 | cps |
| Silver | 109-1 | 107 | 103 | 93 | 101 | 6.87 | cps |
| Sodium | 23-2 | 37021 | 36603 | 35969 | 36531 | 1.45 | cps |
| Strontium | 86-1 | 580 | 610 | 640 | 610 | 4.92 | cps |
| Strontium | 88-1 | 133 | 117 | 137 | 129 | 8.31 | cps |
| Sulfur | 34-1 | 173131 | 172310 | 170742 | 172061 | 0.71 | cps |
| Terbium | 159-1 | 4647439 | 4604252 | 4799213 | 4683635 | 2.19 | cps |
| Terbium | 159-2 | 3535089 | 3637800 | 3560157 | 3577682 | 1.50 | cps |
| Thallium | 203-1 | 370 | 297 | 267 | 311 | 17.09 | cps |
| Thallium | 205-1 | 727 | 683 | 697 | 702 | 3.16 | cps |
| Tin | 118-1 | 1257 | 1237 | 1287 | 1260 | 2.00 | cps |
| Titanium | 47-1 | 97 | 83 | 43 | 74 | 37.29 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB02 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB02 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:18:19 | DataFile Name : | 047CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 37 | 43 | 23 | 34 | 29.57 | cps |
| Vanadium | 51-2 | 20 | 3 | 13 | 12 | 68.66 | cps |
| Yttrium | 89-1 | 6893170 | 6682597 | 6947423 | 6841064 | 2.04 | cps |
| Yttrium | 89-2 | 2112216 | 2090976 | 2137570 | 2113587 | 1.10 | cps |
| Zinc | 66-2 | 1600 | 1473 | 1447 | 1507 | 5.44 | cps |
| Zirconium | 90-1 | 367 | 387 | 363 | 372 | 3.39 | cps |
| Zirconium | 91-1 | 107 | 87 | 73 | 89 | 18.88 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-085011-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:21:38 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11448734 | 11308346 | 11186778 | 11314619 | 1.16 | cps |
| Antimony | 121-1 | 8616 | 8920 | 9010 | 8848 | 2.33 | cps |
| Arsenic | 75-2 | 121500 | 119893 | 121469 | 120954 | 0.76 | cps |
| Barium | 135-1 | 2302201 | 2304372 | 2374835 | 2327136 | 1.78 | cps |
| Barium | 137-1 | 3974070 | 4115850 | 4167127 | 4085682 | 2.45 | cps |
| Beryllium | 9-1 | 4314 | 4324 | 4724 | 4454 | 5.25 | cps |
| Bismuth | 209-1 | 3344863 | 3337683 | 3252354 | 3311633 | 1.55 | cps |
| Bismuth | 209-2 | 3025357 | 2959695 | 3026606 | 3003886 | 1.27 | cps |
| Bromine | 81-1 | 556870 | 766043 | 845584 | 722832 | 20.63 | cps |
| Bromine | 81-2 | 191117 | 192018 | 192878 | 192005 | 0.46 | cps |
| Cadmium | 108-1 | 3160 | 3084 | 2977 | 3074 | 3.00 | cps |
| Cadmium | 106-1 | 6648 | 7168 | 6848 | 6888 | 3.81 | cps |
| Cadmium | 111-1 | 42865 | 45014 | 44236 | 44038 | 2.47 | cps |
| Calcium | 43-1 | 420496 | 437242 | 436600 | 431446 | 2.20 | cps |
| Calcium | 44-1 | 6473493 | 6747016 | 6908410 | 6709640 | 3.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2804459 | 2768420 | 2838484 | 2803787 | 1.25 | cps |
| Cobalt | 59-2 | 251718 | 247440 | 250554 | 249904 | 0.89 | cps |
| Copper | 63-2 | 6562401 | 6569458 | 6765373 | 6632411 | 1.74 | cps |
| Dysprosium | 156-1 | 89751 | 93022 | 92331 | 91702 | 1.88 | cps |
| Dysprosium | 156-2 | 92583 | 93002 | 91117 | 92234 | 1.07 | cps |
| Erbium | 164-1 | 88358 | 91098 | 92095 | 90517 | 2.14 | cps |
| Erbium | 164-2 | 71706 | 71019 | 70916 | 71214 | 0.60 | cps |
| Gadolinium | 160-1 | 95614 | 98225 | 98352 | 97397 | 1.59 | cps |
| Gadolinium | 160-2 | 81596 | 80295 | 81455 | 81116 | 0.88 | cps |
| Holmium | 165-1 | 5158696 | 5070510 | 4926546 | 5051917 | 2.32 | cps |
| Holmium | 165-2 | 4025114 | 4044692 | 4046446 | 4038751 | 0.29 | cps |
| Indium | 115-1 | 4146384 | 3984224 | 3988265 | 4039624 | 2.29 | cps |
| Indium | 115-2 | 1588060 | 1598245 | 1591790 | 1592698 | 0.32 | cps |
| Iron | 56-2 | 465993473 | 474325340 | 480623740 | 473647517 | 1.55 | cps |
| Iron | 57-2 | 11515506 | 11563275 | 11644328 | 11574370 | 0.56 | cps |
| Iron | 54-2 | 25959370 | 25689891 | 26142216 | 25930493 | 0.88 | cps |
| Krypton | 83-1 | 483 | 510 | 517 | 503 | 3.50 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-085011-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:21:38 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11897162 | 12611734 | 12074155 | 12194350 | 3.05 | cps |
| Lead | 207-1 | 9877121 | 10550437 | 10305843 | 10244467 | 3.33 | cps |
| Lead | 208-1 | 46104139 | 48691369 | 46979218 | 47258242 | 2.78 | cps |
| Lithium | 6-1 | 749984 | 722679 | 712177 | 728280 | 2.68 | cps |
| Magnesium | 24-2 | 10603708 | 10364087 | 10476324 | 10481373 | 1.14 | cps |
| Manganese | 55-2 | 4206091 | 4160326 | 4252368 | 4206262 | 1.09 | cps |
| Molybdenum | 94-1 | 182208 | 190950 | 192398 | 188519 | 2.92 | cps |
| Molybdenum | 95-1 | 24464 | 25950 | 25896 | 25437 | 3.31 | cps |
| Molybdenum | 96-1 | 56174 | 58497 | 59092 | 57921 | 2.66 | cps |
| Molybdenum | 97-1 | 15335 | 15955 | 16152 | 15814 | 2.70 | cps |
| Molybdenum | 98-1 | 39209 | 40854 | 40543 | 40202 | 2.17 | cps |
| Neodymium | 150-1 | 142745 | 145681 | 146817 | 145081 | 1.45 | cps |
| Neodymium | 150-2 | 98300 | 96387 | 97347 | 97345 | 0.98 | cps |
| Nickel | 60-2 | 316787 | 317500 | 315505 | 316597 | 0.32 | cps |
| Phosphorus | 31-2 | 71255 | 71409 | 72142 | 71602 | 0.66 | cps |
| Potassium | 39-2 | 4814420 | 4788196 | 4700222 | 4767613 | 1.25 | cps |
| Rhodium | 103-1 | 4117040 | 3931659 | 3958678 | 4002459 | 2.50 | cps |
| Rhodium | 103-2 | 2803200 | 2748530 | 2730686 | 2760805 | 1.37 | cps |
| Scandium | 45-1 | 2874468 | 2794139 | 2754662 | 2807756 | 2.17 | cps |
| Scandium | 45-2 | 301071 | 298902 | 299669 | 299880 | 0.37 | cps |
| Selenium | 82-1 | 2843 | 2947 | 2986 | 2925 | 2.53 | cps |
| Selenium | 77-2 | 790 | 873 | 727 | 797 | 9.23 | cps |
| Selenium | 78-2 | 1583 | 1720 | 1683 | 1662 | 4.26 | cps |
| Silicon | 28-1 | 6558064 | 6712382 | 6906562 | 6725669 | 2.60 | cps |
| Silver | 107-1 | 212616 | 220031 | 222784 | 218477 | 2.41 | cps |
| Silver | 109-1 | 199982 | 210019 | 211043 | 207014 | 2.95 | cps |
| Sodium | 23-2 | 11493749 | 11597094 | 11700354 | 11597066 | 0.89 | cps |
| Strontium | 86-1 | 493100 | 514340 | 517321 | 508253 | 2.60 | cps |
| Strontium | 88-1 | 4437977 | 4577226 | 4541479 | 4518894 | 1.60 | cps |
| Sulfur | 34-1 | 2303134 | 2433603 | 2409763 | 2382167 | 2.92 | cps |
| Terbium | 159-1 | 5195051 | 4969540 | 4950124 | 5038238 | 2.70 | cps |
| Terbium | 159-2 | 3879197 | 3789612 | 3751025 | 3806611 | 1.73 | cps |
| Thallium | 203-1 | 12389 | 13056 | 12339 | 12595 | 3.18 | cps |
| Thallium | 205-1 | 29065 | 30661 | 30254 | 29993 | 2.77 | cps |
| Tin | 118-1 | 2040106 | 2155641 | 2134964 | 2110237 | 2.92 | cps |
| Titanium | 47-1 | 970798 | 998210 | 1030803 | 999937 | 3.00 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-085011-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:21:38 | DataFile Name : | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 117540 | 122889 | 120056 | 120162 | 2.23 | cps |
| Vanadium | 51-2 | 561911 | 554811 | 567100 | 561274 | 1.10 | cps |
| Yttrium | 89-1 | 8426683 | 8648407 | 8590893 | 8555328 | 1.34 | cps |
| Yttrium | 89-2 | 2717935 | 2588823 | 2638772 | 2648510 | 2.46 | cps |
| Zinc | 66-2 | 2335357 | 2285517 | 2291745 | 2304206 | 1.18 | cps |
| Zirconium | 90-1 | 463155 | 483684 | 488553 | 478464 | 2.82 | cps |
| Zirconium | 91-1 | 102186 | 108696 | 108229 | 106371 | 3.41 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:24:43 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14246879 | 14112524 | 14174268 | 14177890 | 0.47 | cps |
| Antimony | 121-1 | 18936 | 19527 | 19470 | 19311 | 1.69 | cps |
| Arsenic | 75-2 | 134993 | 134724 | 136121 | 135279 | 0.55 | cps |
| Barium | 135-1 | 2354895 | 2390408 | 2377814 | 2374372 | 0.76 | cps |
| Barium | 137-1 | 4074099 | 4065900 | 4201268 | 4113756 | 1.85 | cps |
| Beryllium | 9-1 | 6501 | 6575 | 6862 | 6646 | 2.86 | cps |
| Bismuth | 209-1 | 3140968 | 3209564 | 3129917 | 3160150 | 1.37 | cps |
| Bismuth | 209-2 | 2861920 | 2850856 | 2889496 | 2867424 | 0.69 | cps |
| Bromine | 81-1 | 799855 | 979017 | 1049799 | 942890 | 13.66 | cps |
| Bromine | 81-2 | 229501 | 231896 | 233815 | 231737 | 0.93 | cps |
| Cadmium | 108-1 | 6582 | 6972 | 6915 | 6823 | 3.09 | cps |
| Cadmium | 106-1 | 11601 | 12105 | 12005 | 11904 | 2.24 | cps |
| Cadmium | 111-1 | 94129 | 93638 | 93671 | 93813 | 0.29 | cps |
| Calcium | 43-1 | 859108 | 866458 | 850864 | 858810 | 0.91 | cps |
| Calcium | 44-1 | 13079405 | 13419360 | 13000018 | 13166261 | 1.69 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6659310 | 6781427 | 6603352 | 6681363 | 1.36 | cps |
| Cobalt | 59-2 | 393071 | 391155 | 393172 | 392466 | 0.29 | cps |
| Copper | 63-2 | 8995210 | 8988484 | 8808825 | 8930840 | 1.18 | cps |
| Dysprosium | 156-1 | 113266 | 113052 | 114381 | 113567 | 0.63 | cps |
| Dysprosium | 156-2 | 112121 | 111193 | 113837 | 112384 | 1.19 | cps |
| Erbium | 164-1 | 110275 | 110904 | 112523 | 111234 | 1.04 | cps |
| Erbium | 164-2 | 86244 | 87099 | 87244 | 86862 | 0.62 | cps |
| Gadolinium | 160-1 | 118923 | 118913 | 120252 | 119363 | 0.64 | cps |
| Gadolinium | 160-2 | 98520 | 96281 | 98537 | 97779 | 1.33 | cps |
| Holmium | 165-1 | 4910934 | 4765769 | 4914994 | 4863899 | 1.75 | cps |
| Holmium | 165-2 | 3909078 | 3874726 | 3929437 | 3904414 | 0.71 | cps |
| Indium | 115-1 | 4073717 | 4017377 | 3973469 | 4021521 | 1.25 | cps |
| Indium | 115-2 | 1594938 | 1601645 | 1615648 | 1604077 | 0.66 | cps |
| Iron | 56-2 | 637179137 | 629036257 | 624864844 | 630360079 | 0.99 | cps |
| Iron | 57-2 | 15477071 | 15387677 | 15856603 | 15573784 | 1.60 | cps |
| Iron | 54-2 | 34807130 | 35117215 | 34907749 | 34944032 | 0.45 | cps |
| Krypton | 83-1 | 600 | 610 | 657 | 622 | 4.86 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:24:43 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 14023976 | 14192947 | 14583572 | 14266832 | 2.01 | cps |
| Lead | 207-1 | 11734600 | 11914447 | 11924815 | 11857954 | 0.90 | cps |
| Lead | 208-1 | 54101461 | 55288512 | 55484480 | 54958151 | 1.36 | cps |
| Lithium | 6-1 | 696770 | 696695 | 691991 | 695152 | 0.39 | cps |
| Magnesium | 24-2 | 15564654 | 15398608 | 15645309 | 15536190 | 0.81 | cps |
| Manganese | 55-2 | 5417275 | 5325450 | 5379976 | 5374233 | 0.86 | cps |
| Molybdenum | 94-1 | 283158 | 286055 | 284684 | 284632 | 0.51 | cps |
| Molybdenum | 95-1 | 64190 | 63417 | 63149 | 63585 | 0.85 | cps |
| Molybdenum | 96-1 | 110974 | 113312 | 111992 | 112093 | 1.05 | cps |
| Molybdenum | 97-1 | 39156 | 40199 | 39881 | 39745 | 1.34 | cps |
| Molybdenum | 98-1 | 102299 | 101426 | 101779 | 101835 | 0.43 | cps |
| Neodymium | 150-1 | 181173 | 181784 | 181304 | 181420 | 0.18 | cps |
| Neodymium | 150-2 | 118908 | 120883 | 120180 | 119990 | 0.83 | cps |
| Nickel | 60-2 | 670688 | 672946 | 668200 | 670611 | 0.35 | cps |
| Phosphorus | 31-2 | 123732 | 120893 | 122996 | 122540 | 1.20 | cps |
| Potassium | 39-2 | 5560049 | 5383278 | 5505764 | 5483030 | 1.65 | cps |
| Rhodium | 103-1 | 3982154 | 3968258 | 3971574 | 3973995 | 0.18 | cps |
| Rhodium | 103-2 | 2653365 | 2641119 | 2585800 | 2626761 | 1.37 | cps |
| Scandium | 45-1 | 2803290 | 2857735 | 2819420 | 2826815 | 0.99 | cps |
| Scandium | 45-2 | 304467 | 301985 | 304121 | 303524 | 0.44 | cps |
| Selenium | 82-1 | 2509 | 2685 | 2629 | 2608 | 3.46 | cps |
| Selenium | 77-2 | 800 | 803 | 810 | 804 | 0.63 | cps |
| Selenium | 78-2 | 1490 | 1573 | 1610 | 1558 | 3.95 | cps |
| Silicon | 28-1 | 27558566 | 27839005 | 27172682 | 27523418 | 1.22 | cps |
| Silver | 107-1 | 353245 | 360035 | 355004 | 356095 | 0.99 | cps |
| Silver | 109-1 | 335080 | 335393 | 336182 | 335552 | 0.17 | cps |
| Sodium | 23-2 | 18204048 | 18224328 | 18557698 | 18328691 | 1.08 | cps |
| Strontium | 86-1 | 948315 | 962818 | 965861 | 958998 | 0.98 | cps |
| Strontium | 88-1 | 8437221 | 8724426 | 8510092 | 8557246 | 1.74 | cps |
| Sulfur | 34-1 | 3111372 | 3110996 | 3163350 | 3128572 | 0.96 | cps |
| Terbium | 159-1 | 4873458 | 4930427 | 4945636 | 4916507 | 0.77 | cps |
| Terbium | 159-2 | 3702824 | 3687577 | 3755362 | 3715255 | 0.96 | cps |
| Thallium | 203-1 | 11582 | 11201 | 11478 | 11420 | 1.72 | cps |
| Thallium | 205-1 | 27134 | 27034 | 27575 | 27247 | 1.06 | cps |
| Tin | 118-1 | 1040628 | 1053426 | 1060540 | 1051531 | 0.96 | cps |
| Titanium | 47-1 | 1684367 | 1725804 | 1651232 | 1687134 | 2.21 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:24:43 | DataFile Name : | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 166509 | 166928 | 167941 | 167126 | 0.44 | cps |
| Vanadium | 51-2 | 1104354 | 1100561 | 1098293 | 1101069 | 0.28 | cps |
| Yttrium | 89-1 | 8657112 | 8769367 | 8663094 | 8696525 | 0.73 | cps |
| Yttrium | 89-2 | 2632577 | 2681777 | 2704388 | 2672914 | 1.37 | cps |
| Zinc | 66-2 | 3006984 | 2921222 | 3001461 | 2976556 | 1.61 | cps |
| Zirconium | 90-1 | 665648 | 677700 | 675555 | 672967 | 0.96 | cps |
| Zirconium | 91-1 | 151069 | 149971 | 149813 | 150285 | 0.46 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:27:45 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8812507 | 8884996 | 8811690 | 8836398 | 0.48 | cps |
| Antimony | 121-1 | 21767 | 21813 | 20862 | 21481 | 2.50 | cps |
| Arsenic | 75-2 | 76550 | 76200 | 76486 | 76412 | 0.24 | cps |
| Barium | 135-1 | 1592189 | 1603313 | 1595255 | 1596919 | 0.36 | cps |
| Barium | 137-1 | 2765648 | 2823668 | 2795680 | 2794999 | 1.04 | cps |
| Beryllium | 9-1 | 3934 | 3844 | 3931 | 3903 | 1.31 | cps |
| Bismuth | 209-1 | 3107107 | 3185963 | 3094432 | 3129167 | 1.58 | cps |
| Bismuth | 209-2 | 2900069 | 2865833 | 2807601 | 2857834 | 1.64 | cps |
| Bromine | 81-1 | 386767 | 472699 | 505734 | 455067 | 13.50 | cps |
| Bromine | 81-2 | 109539 | 110520 | 109808 | 109955 | 0.46 | cps |
| Cadmium | 108-1 | 4674 | 5034 | 4591 | 4766 | 4.94 | cps |
| Cadmium | 106-1 | 8599 | 8686 | 8946 | 8744 | 2.06 | cps |
| Cadmium | 111-1 | 66166 | 65506 | 66440 | 66037 | 0.73 | cps |
| Calcium | 43-1 | 629931 | 634990 | 634954 | 633292 | 0.46 | cps |
| Calcium | 44-1 | 9909104 | 9925192 | 9875361 | 9903219 | 0.26 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3635455 | 3605335 | 3656177 | 3632322 | 0.70 | cps |
| Cobalt | 59-2 | 286715 | 284178 | 287407 | 286100 | 0.59 | cps |
| Copper | 63-2 | 6313482 | 6250546 | 6252149 | 6272059 | 0.57 | cps |
| Dysprosium | 156-1 | 71806 | 73086 | 72613 | 72502 | 0.89 | cps |
| Dysprosium | 156-2 | 72121 | 73410 | 72181 | 72571 | 1.00 | cps |
| Erbium | 164-1 | 68979 | 70906 | 69144 | 69676 | 1.53 | cps |
| Erbium | 164-2 | 55015 | 55379 | 54871 | 55088 | 0.48 | cps |
| Gadolinium | 160-1 | 75502 | 75975 | 75643 | 75707 | 0.32 | cps |
| Gadolinium | 160-2 | 61692 | 61230 | 61833 | 61585 | 0.51 | cps |
| Holmium | 165-1 | 4606783 | 4783021 | 4763215 | 4717673 | 2.05 | cps |
| Holmium | 165-2 | 3816184 | 3853166 | 3857245 | 3842198 | 0.59 | cps |
| Indium | 115-1 | 3963075 | 3889895 | 3890268 | 3914413 | 1.08 | cps |
| Indium | 115-2 | 1597561 | 1568316 | 1575222 | 1580366 | 0.97 | cps |
| Iron | 56-2 | 362540275 | 369941368 | 367550341 | 366677328 | 1.03 | cps |
| Iron | 57-2 | 8965564 | 9138151 | 9017837 | 9040518 | 0.98 | cps |
| Iron | 54-2 | 20086408 | 20310374 | 20336175 | 20244319 | 0.68 | cps |
| Krypton | 83-1 | 480 | 540 | 513 | 511 | 5.88 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:27:45 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16462453 | 16454432 | 16837850 | 16584912 | 1.32 | cps |
| Lead | 207-1 | 13433453 | 13630992 | 13617707 | 13560717 | 0.81 | cps |
| Lead | 208-1 | 63730049 | 63260248 | 64739877 | 63910058 | 1.18 | cps |
| Lithium | 6-1 | 668366 | 673051 | 671418 | 670945 | 0.35 | cps |
| Magnesium | 24-2 | 13185161 | 13197121 | 12790426 | 13057569 | 1.77 | cps |
| Manganese | 55-2 | 2779778 | 2818424 | 2748607 | 2782269 | 1.26 | cps |
| Molybdenum | 94-1 | 171335 | 171746 | 171896 | 171659 | 0.17 | cps |
| Molybdenum | 95-1 | 48774 | 48677 | 48891 | 48781 | 0.22 | cps |
| Molybdenum | 96-1 | 77732 | 76466 | 77461 | 77219 | 0.86 | cps |
| Molybdenum | 97-1 | 30335 | 30335 | 30676 | 30449 | 0.65 | cps |
| Molybdenum | 98-1 | 77226 | 76777 | 78718 | 77574 | 1.31 | cps |
| Neodymium | 150-1 | 115488 | 117694 | 118470 | 117217 | 1.32 | cps |
| Neodymium | 150-2 | 76925 | 76232 | 77281 | 76812 | 0.69 | cps |
| Nickel | 60-2 | 596402 | 594244 | 598516 | 596387 | 0.36 | cps |
| Phosphorus | 31-2 | 76584 | 77160 | 78145 | 77296 | 1.02 | cps |
| Potassium | 39-2 | 3325283 | 3435796 | 3354085 | 3371722 | 1.70 | cps |
| Rhodium | 103-1 | 4058702 | 3849864 | 3911324 | 3939964 | 2.72 | cps |
| Rhodium | 103-2 | 2686859 | 2667910 | 2645593 | 2666787 | 0.77 | cps |
| Scandium | 45-1 | 2695621 | 2747949 | 2707295 | 2716955 | 1.01 | cps |
| Scandium | 45-2 | 289154 | 287570 | 282288 | 286337 | 1.26 | cps |
| Selenium | 82-1 | 1751 | 1740 | 1708 | 1733 | 1.30 | cps |
| Selenium | 77-2 | 517 | 533 | 503 | 518 | 2.90 | cps |
| Selenium | 78-2 | 1263 | 1160 | 1207 | 1210 | 4.28 | cps |
| Silicon | 28-1 | 11305496 | 11326560 | 11515048 | 11382368 | 1.01 | cps |
| Silver | 107-1 | 221614 | 221871 | 225067 | 222851 | 0.86 | cps |
| Silver | 109-1 | 209611 | 211278 | 210275 | 210388 | 0.40 | cps |
| Sodium | 23-2 | 15349691 | 15697371 | 15378617 | 15475226 | 1.25 | cps |
| Strontium | 86-1 | 546560 | 551859 | 545309 | 547909 | 0.63 | cps |
| Strontium | 88-1 | 4962766 | 4910160 | 4870923 | 4914616 | 0.94 | cps |
| Sulfur | 34-1 | 2134186 | 2114859 | 2086251 | 2111765 | 1.14 | cps |
| Terbium | 159-1 | 4812733 | 4792022 | 4857253 | 4820669 | 0.69 | cps |
| Terbium | 159-2 | 3687803 | 3641217 | 3735215 | 3688078 | 1.27 | cps |
| Thallium | 203-1 | 7075 | 7412 | 6922 | 7136 | 3.51 | cps |
| Thallium | 205-1 | 17154 | 17475 | 17248 | 17292 | 0.95 | cps |
| Tin | 118-1 | 681706 | 689813 | 679363 | 683627 | 0.80 | cps |
| Titanium | 47-1 | 1116941 | 1140629 | 1142645 | 1133405 | 1.26 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:27:45 | DataFile Name : | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 104735 | 107088 | 107379 | 106401 | 1.36 | cps |
| Vanadium | 51-2 | 901953 | 902866 | 897711 | 900843 | 0.31 | cps |
| Yttrium | 89-1 | 8195928 | 8408588 | 8287546 | 8297354 | 1.29 | cps |
| Yttrium | 89-2 | 2512888 | 2492315 | 2483055 | 2496086 | 0.61 | cps |
| Zinc | 66-2 | 2368045 | 2399253 | 2361473 | 2376257 | 0.85 | cps |
| Zirconium | 90-1 | 394923 | 400465 | 395107 | 396832 | 0.79 | cps |
| Zirconium | 91-1 | 88495 | 87979 | 88076 | 88183 | 0.31 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:30:53 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14429973 | 14705029 | 14691779 | 14608927 | 1.06 | cps |
| Antimony | 121-1 | 8423 | 8776 | 8703 | 8634 | 2.16 | cps |
| Arsenic | 75-2 | 172004 | 171421 | 172484 | 171970 | 0.31 | cps |
| Barium | 135-1 | 2682938 | 2746615 | 2668124 | 2699226 | 1.55 | cps |
| Barium | 137-1 | 4528367 | 4746280 | 4616863 | 4630503 | 2.37 | cps |
| Beryllium | 9-1 | 5534 | 5464 | 5614 | 5538 | 1.36 | cps |
| Bismuth | 209-1 | 3160635 | 3108647 | 3135494 | 3134925 | 0.83 | cps |
| Bismuth | 209-2 | 2850266 | 2895220 | 2860318 | 2868601 | 0.82 | cps |
| Bromine | 81-1 | 546481 | 710049 | 784183 | 680237 | 17.88 | cps |
| Bromine | 81-2 | 175078 | 175641 | 178335 | 176351 | 0.99 | cps |
| Cadmium | 108-1 | 2114 | 2347 | 2190 | 2217 | 5.37 | cps |
| Cadmium | 106-1 | 5588 | 5601 | 5458 | 5549 | 1.43 | cps |
| Cadmium | 111-1 | 27621 | 27383 | 27583 | 27529 | 0.46 | cps |
| Calcium | 43-1 | 632897 | 636739 | 647920 | 639185 | 1.22 | cps |
| Calcium | 44-1 | 9872686 | 10047899 | 10004673 | 9975086 | 0.92 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3116911 | 2986953 | 2986257 | 3030040 | 2.48 | cps |
| Cobalt | 59-2 | 333201 | 334930 | 332091 | 333407 | 0.43 | cps |
| Copper | 63-2 | 7239132 | 7338710 | 7341289 | 7306377 | 0.80 | cps |
| Dysprosium | 156-1 | 119302 | 120489 | 120031 | 119941 | 0.50 | cps |
| Dysprosium | 156-2 | 120975 | 118506 | 120980 | 120154 | 1.19 | cps |
| Erbium | 164-1 | 114227 | 117335 | 118522 | 116695 | 1.90 | cps |
| Erbium | 164-2 | 91588 | 92024 | 92584 | 92065 | 0.54 | cps |
| Gadolinium | 160-1 | 124196 | 128397 | 128202 | 126931 | 1.87 | cps |
| Gadolinium | 160-2 | 105709 | 104698 | 104896 | 105101 | 0.51 | cps |
| Holmium | 165-1 | 4802275 | 4854145 | 4752997 | 4803139 | 1.05 | cps |
| Holmium | 165-2 | 3825525 | 3832616 | 3859667 | 3839269 | 0.47 | cps |
| Indium | 115-1 | 3839185 | 3806605 | 3785062 | 3810284 | 0.72 | cps |
| Indium | 115-2 | 1550395 | 1544317 | 1539675 | 1544796 | 0.35 | cps |
| Iron | 56-2 | 578798978 | 567077245 | 573943738 | 573273320 | 1.03 | cps |
| Iron | 57-2 | 13991313 | 14100137 | 13850487 | 13980646 | 0.90 | cps |
| Iron | 54-2 | 32069124 | 30660795 | 31028770 | 31252896 | 2.34 | cps |
| Krypton | 83-1 | 603 | 700 | 597 | 633 | 9.13 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:30:53 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 14028196 | 14268503 | 14238360 | 14178353 | 0.92 | cps |
| Lead | 207-1 | 11633354 | 11703623 | 11752398 | 11696458 | 0.51 | cps |
| Lead | 208-1 | 54311690 | 55359354 | 54569646 | 54746897 | 1.00 | cps |
| Lithium | 6-1 | 696075 | 685503 | 693432 | 691670 | 0.80 | cps |
| Magnesium | 24-2 | 14079585 | 14031059 | 14170077 | 14093573 | 0.50 | cps |
| Manganese | 55-2 | 6358540 | 6270522 | 6387126 | 6338729 | 0.96 | cps |
| Molybdenum | 94-1 | 232124 | 241247 | 237607 | 236993 | 1.94 | cps |
| Molybdenum | 95-1 | 24985 | 25512 | 25118 | 25205 | 1.09 | cps |
| Molybdenum | 96-1 | 65439 | 66735 | 65931 | 66035 | 0.99 | cps |
| Molybdenum | 97-1 | 15682 | 16072 | 15719 | 15824 | 1.36 | cps |
| Molybdenum | 98-1 | 39721 | 41502 | 40740 | 40654 | 2.20 | cps |
| Neodymium | 150-1 | 183317 | 191226 | 187987 | 187510 | 2.12 | cps |
| Neodymium | 150-2 | 125318 | 125426 | 126650 | 125798 | 0.59 | cps |
| Nickel | 60-2 | 376182 | 375662 | 376767 | 376204 | 0.15 | cps |
| Phosphorus | 31-2 | 117678 | 119496 | 119402 | 118859 | 0.86 | cps |
| Potassium | 39-2 | 5866673 | 5864447 | 5921782 | 5884301 | 0.55 | cps |
| Rhodium | 103-1 | 3882217 | 3933273 | 3797598 | 3871029 | 1.77 | cps |
| Rhodium | 103-2 | 2619942 | 2612573 | 2610047 | 2614187 | 0.20 | cps |
| Scandium | 45-1 | 2801483 | 2814390 | 2833729 | 2816534 | 0.58 | cps |
| Scandium | 45-2 | 301454 | 298260 | 299518 | 299744 | 0.54 | cps |
| Selenium | 82-1 | 4109 | 4111 | 4334 | 4184 | 3.09 | cps |
| Selenium | 77-2 | 1017 | 1097 | 1010 | 1041 | 4.63 | cps |
| Selenium | 78-2 | 2354 | 2360 | 2240 | 2318 | 2.91 | cps |
| Silicon | 28-1 | 10321887 | 10312102 | 10457181 | 10363723 | 0.78 | cps |
| Silver | 107-1 | 183692 | 189616 | 190964 | 188091 | 2.06 | cps |
| Silver | 109-1 | 175520 | 180937 | 178419 | 178292 | 1.52 | cps |
| Sodium | 23-2 | 14650620 | 14772586 | 14975541 | 14799582 | 1.11 | cps |
| Strontium | 86-1 | 600860 | 612421 | 620994 | 611425 | 1.65 | cps |
| Strontium | 88-1 | 5505136 | 5416144 | 5504297 | 5475192 | 0.93 | cps |
| Sulfur | 34-1 | 2276890 | 2235738 | 2242399 | 2251676 | 0.98 | cps |
| Terbium | 159-1 | 4869064 | 4842438 | 4781319 | 4830940 | 0.93 | cps |
| Terbium | 159-2 | 3733750 | 3635509 | 3734313 | 3701191 | 1.54 | cps |
| Thallium | 203-1 | 14304 | 14361 | 14421 | 14362 | 0.41 | cps |
| Thallium | 205-1 | 33508 | 34688 | 34260 | 34152 | 1.75 | cps |
| Tin | 118-1 | 2007987 | 2056365 | 2061245 | 2041866 | 1.44 | cps |
| Titanium | 47-1 | 1146883 | 1170244 | 1168166 | 1161764 | 1.11 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:30:53 | DataFile Name : | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 130830 | 134115 | 134977 | 133307 | 1.64 | cps |
| Vanadium | 51-2 | 723658 | 721151 | 724691 | 723166 | 0.25 | cps |
| Yttrium | 89-1 | 8794081 | 8765569 | 9036916 | 8865522 | 1.68 | cps |
| Yttrium | 89-2 | 2685738 | 2641315 | 2640141 | 2655732 | 0.98 | cps |
| Zinc | 66-2 | 2320974 | 2273731 | 2272319 | 2289008 | 1.21 | cps |
| Zirconium | 90-1 | 597493 | 608811 | 609073 | 605126 | 1.09 | cps |
| Zirconium | 91-1 | 131968 | 136774 | 135022 | 134588 | 1.81 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:34:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 19631845 | 18999111 | 19653797 | 19428251 | 1.91 | cps |
| Antimony | 121-1 | 4441 | 4294 | 4507 | 4414 | 2.47 | cps |
| Arsenic | 75-2 | 204055 | 203861 | 205141 | 204352 | 0.34 | cps |
| Barium | 135-1 | 925413 | 930733 | 948032 | 934726 | 1.27 | cps |
| Barium | 137-1 | 1647518 | 1635133 | 1704472 | 1662374 | 2.22 | cps |
| Beryllium | 9-1 | 6458 | 6438 | 6525 | 6474 | 0.70 | cps |
| Bismuth | 209-1 | 2911016 | 2918363 | 3034702 | 2954694 | 2.35 | cps |
| Bismuth | 209-2 | 2711658 | 2685610 | 2733510 | 2710259 | 0.88 | cps |
| Bromine | 81-1 | 939886 | 1203296 | 1320335 | 1154506 | 16.88 | cps |
| Bromine | 81-2 | 292200 | 293218 | 294570 | 293329 | 0.41 | cps |
| Cadmium | 108-1 | 1143 | 1140 | 997 | 1093 | 7.66 | cps |
| Cadmium | 106-1 | 4264 | 4034 | 4041 | 4113 | 3.18 | cps |
| Cadmium | 111-1 | 10043 | 9791 | 9719 | 9851 | 1.73 | cps |
| Calcium | 43-1 | 530222 | 541917 | 545303 | 539147 | 1.47 | cps |
| Calcium | 44-1 | 8333139 | 8493385 | 8488765 | 8438430 | 1.08 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1646978 | 1642318 | 1672864 | 1654053 | 0.99 | cps |
| Cobalt | 59-2 | 429005 | 422220 | 427176 | 426134 | 0.82 | cps |
| Copper | 63-2 | 4902852 | 4824514 | 4900605 | 4875990 | 0.91 | cps |
| Dysprosium | 156-1 | 149814 | 148174 | 150872 | 149620 | 0.91 | cps |
| Dysprosium | 156-2 | 146032 | 147165 | 148546 | 147248 | 0.86 | cps |
| Erbium | 164-1 | 144183 | 147599 | 149899 | 147227 | 1.95 | cps |
| Erbium | 164-2 | 115322 | 115886 | 114377 | 115195 | 0.66 | cps |
| Gadolinium | 160-1 | 155942 | 160585 | 160270 | 158932 | 1.63 | cps |
| Gadolinium | 160-2 | 131618 | 131208 | 130851 | 131226 | 0.29 | cps |
| Holmium | 165-1 | 4633186 | 4698400 | 4775548 | 4702378 | 1.52 | cps |
| Holmium | 165-2 | 3790201 | 3812772 | 3690387 | 3764453 | 1.73 | cps |
| Indium | 115-1 | 3744771 | 3836780 | 3757041 | 3779531 | 1.32 | cps |
| Indium | 115-2 | 1535960 | 1507481 | 1522349 | 1521930 | 0.94 | cps |
| Iron | 56-2 | 720524149 | 720749909 | 720242656 | 720505571 | 0.04 | cps |
| Iron | 57-2 | 17241657 | 17791909 | 17621221 | 17551596 | 1.60 | cps |
| Iron | 54-2 | 39530111 | 38955307 | 39079532 | 39188317 | 0.77 | cps |
| Krypton | 83-1 | 607 | 620 | 640 | 622 | 2.70 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:34:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9807323 | 10014542 | 10122496 | 9981453 | 1.60 | cps |
| Lead | 207-1 | 7963980 | 8127141 | 8081031 | 8057384 | 1.04 | cps |
| Lead | 208-1 | 37774296 | 37797668 | 38192732 | 37921565 | 0.62 | cps |
| Lithium | 6-1 | 685725 | 680633 | 695914 | 687424 | 1.13 | cps |
| Magnesium | 24-2 | 16195537 | 16037052 | 15834296 | 16022295 | 1.13 | cps |
| Manganese | 55-2 | 14112145 | 13623768 | 13724137 | 13820017 | 1.87 | cps |
| Molybdenum | 94-1 | 278486 | 285652 | 283222 | 282454 | 1.29 | cps |
| Molybdenum | 95-1 | 18145 | 18215 | 18492 | 18284 | 1.00 | cps |
| Molybdenum | 96-1 | 68172 | 67428 | 68718 | 68106 | 0.95 | cps |
| Molybdenum | 97-1 | 11528 | 11455 | 11558 | 11514 | 0.46 | cps |
| Molybdenum | 98-1 | 29383 | 29490 | 28939 | 29270 | 1.00 | cps |
| Neodymium | 150-1 | 231397 | 232352 | 236218 | 233322 | 1.09 | cps |
| Neodymium | 150-2 | 154281 | 152840 | 154235 | 153786 | 0.53 | cps |
| Nickel | 60-2 | 366323 | 366736 | 363658 | 365572 | 0.46 | cps |
| Phosphorus | 31-2 | 104289 | 103773 | 105423 | 104495 | 0.81 | cps |
| Potassium | 39-2 | 6828456 | 6874522 | 6820426 | 6841134 | 0.43 | cps |
| Rhodium | 103-1 | 3756385 | 3787000 | 3806809 | 3783398 | 0.67 | cps |
| Rhodium | 103-2 | 2577764 | 2575781 | 2532270 | 2561938 | 1.00 | cps |
| Scandium | 45-1 | 2862373 | 2840105 | 2776622 | 2826367 | 1.57 | cps |
| Scandium | 45-2 | 304806 | 299747 | 301362 | 301971 | 0.86 | cps |
| Selenium | 82-1 | 1824 | 1769 | 1811 | 1801 | 1.60 | cps |
| Selenium | 77-2 | 917 | 890 | 780 | 862 | 8.40 | cps |
| Selenium | 78-2 | 1347 | 1390 | 1300 | 1346 | 3.35 | cps |
| Silicon | 28-1 | 31049240 | 31179960 | 32130880 | 31453360 | 1.88 | cps |
| Silver | 107-1 | 55181 | 55395 | 55874 | 55483 | 0.64 | cps |
| Silver | 109-1 | 51541 | 53411 | 53953 | 52969 | 2.39 | cps |
| Sodium | 23-2 | 11346875 | 11071576 | 11427815 | 11282089 | 1.66 | cps |
| Strontium | 86-1 | 545775 | 545079 | 548645 | 546500 | 0.35 | cps |
| Strontium | 88-1 | 4934635 | 4916920 | 4959176 | 4936910 | 0.43 | cps |
| Sulfur | 34-1 | 1833640 | 1820035 | 1790460 | 1814712 | 1.22 | cps |
| Terbium | 159-1 | 4855206 | 4562999 | 4877420 | 4765208 | 3.68 | cps |
| Terbium | 159-2 | 3556570 | 3601015 | 3714278 | 3623955 | 2.24 | cps |
| Thallium | 203-1 | 6808 | 7202 | 7402 | 7138 | 4.23 | cps |
| Thallium | 205-1 | 16650 | 16574 | 16710 | 16645 | 0.41 | cps |
| Tin | 118-1 | 755458 | 759008 | 763689 | 759385 | 0.54 | cps |
| Titanium | 47-1 | 1477082 | 1471315 | 1486904 | 1478434 | 0.53 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:34:00 | DataFile Name : | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 97363 | 99896 | 98252 | 98504 | 1.30 | cps |
| Vanadium | 51-2 | 764406 | 753291 | 759049 | 758915 | 0.73 | cps |
| Yttrium | 89-1 | 9149188 | 9133293 | 9027542 | 9103341 | 0.73 | cps |
| Yttrium | 89-2 | 2814540 | 2766352 | 2787348 | 2789413 | 0.87 | cps |
| Zinc | 66-2 | 1409998 | 1407245 | 1403707 | 1406983 | 0.22 | cps |
| Zirconium | 90-1 | 724702 | 741443 | 740461 | 735535 | 1.28 | cps |
| Zirconium | 91-1 | 162760 | 165573 | 166227 | 164853 | 1.12 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:37:05 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 22012665 | 22279348 | 22043511 | 22111841 | 0.66 | cps |
| Antimony | 121-1 | 3550 | 3637 | 3444 | 3544 | 2.73 | cps |
| Arsenic | 75-2 | 214968 | 215470 | 214557 | 214998 | 0.21 | cps |
| Barium | 135-1 | 1037376 | 1043927 | 1056404 | 1045902 | 0.92 | cps |
| Barium | 137-1 | 1865918 | 1911877 | 1887919 | 1888572 | 1.22 | cps |
| Beryllium | 9-1 | 7152 | 7745 | 7619 | 7505 | 4.17 | cps |
| Bismuth | 209-1 | 2934638 | 2929747 | 2947999 | 2937461 | 0.32 | cps |
| Bismuth | 209-2 | 2719213 | 2724478 | 2700877 | 2714856 | 0.46 | cps |
| Bromine | 81-1 | 956111 | 1174015 | 1296057 | 1142061 | 15.08 | cps |
| Bromine | 81-2 | 284928 | 290514 | 289882 | 288441 | 1.06 | cps |
| Cadmium | 108-1 | 1177 | 1077 | 1193 | 1149 | 5.49 | cps |
| Cadmium | 106-1 | 4197 | 4377 | 4404 | 4326 | 2.60 | cps |
| Cadmium | 111-1 | 10977 | 11483 | 10893 | 11118 | 2.87 | cps |
| Calcium | 43-1 | 604630 | 603281 | 606010 | 604640 | 0.23 | cps |
| Calcium | 44-1 | 9319399 | 9404175 | 9558625 | 9427400 | 1.29 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1955495 | 1914501 | 1961741 | 1943912 | 1.32 | cps |
| Cobalt | 59-2 | 484636 | 483829 | 479281 | 482582 | 0.60 | cps |
| Copper | 63-2 | 5256559 | 5170119 | 5111836 | 5179505 | 1.41 | cps |
| Dysprosium | 156-1 | 168711 | 172166 | 174602 | 171826 | 1.72 | cps |
| Dysprosium | 156-2 | 168481 | 168583 | 167831 | 168298 | 0.24 | cps |
| Erbium | 164-1 | 168211 | 169777 | 170937 | 169642 | 0.81 | cps |
| Erbium | 164-2 | 131352 | 130675 | 132017 | 131348 | 0.51 | cps |
| Gadolinium | 160-1 | 182230 | 184178 | 185163 | 183857 | 0.81 | cps |
| Gadolinium | 160-2 | 150365 | 147622 | 150648 | 149545 | 1.12 | cps |
| Holmium | 165-1 | 4831651 | 4858282 | 4897094 | 4862342 | 0.68 | cps |
| Holmium | 165-2 | 3724300 | 3801124 | 3829547 | 3784990 | 1.44 | cps |
| Indium | 115-1 | 3792561 | 3763146 | 3745807 | 3767171 | 0.63 | cps |
| Indium | 115-2 | 1532858 | 1525541 | 1528893 | 1529097 | 0.24 | cps |
| Iron | 56-2 | 840670601 | 820889081 | 825471588 | 829010423 | 1.25 | cps |
| Iron | 57-2 | 20278439 | 19929729 | 20240170 | 20149446 | 0.95 | cps |
| Iron | 54-2 | 44855714 | 44839874 | 45051336 | 44915642 | 0.26 | cps |
| Krypton | 83-1 | 730 | 620 | 707 | 686 | 8.45 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:37:05 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10794244 | 11317534 | 11331635 | 11147805 | 2.75 | cps |
| Lead | 207-1 | 9036950 | 8982864 | 9252056 | 9090623 | 1.57 | cps |
| Lead | 208-1 | 41864682 | 42785276 | 43459109 | 42703022 | 1.87 | cps |
| Lithium | 6-1 | 697507 | 696172 | 705856 | 699845 | 0.75 | cps |
| Magnesium | 24-2 | 18520036 | 18436766 | 18002782 | 18319862 | 1.52 | cps |
| Manganese | 55-2 | 15264919 | 15200472 | 15268710 | 15244700 | 0.25 | cps |
| Molybdenum | 94-1 | 312217 | 312504 | 314837 | 313186 | 0.46 | cps |
| Molybdenum | 95-1 | 20354 | 20017 | 20671 | 20348 | 1.61 | cps |
| Molybdenum | 96-1 | 75028 | 75092 | 75490 | 75203 | 0.33 | cps |
| Molybdenum | 97-1 | 13036 | 12822 | 12632 | 12830 | 1.57 | cps |
| Molybdenum | 98-1 | 32316 | 32720 | 32339 | 32458 | 0.70 | cps |
| Neodymium | 150-1 | 259803 | 262049 | 269409 | 263754 | 1.91 | cps |
| Neodymium | 150-2 | 174906 | 175263 | 176094 | 175421 | 0.35 | cps |
| Nickel | 60-2 | 404071 | 398094 | 397107 | 399757 | 0.94 | cps |
| Phosphorus | 31-2 | 117491 | 117168 | 118350 | 117670 | 0.52 | cps |
| Potassium | 39-2 | 7485328 | 7779495 | 7898336 | 7721053 | 2.75 | cps |
| Rhodium | 103-1 | 3867602 | 3815599 | 3774824 | 3819342 | 1.22 | cps |
| Rhodium | 103-2 | 2602380 | 2563360 | 2548534 | 2571424 | 1.08 | cps |
| Scandium | 45-1 | 2829413 | 2909853 | 2851723 | 2863663 | 1.45 | cps |
| Scandium | 45-2 | 308305 | 308073 | 310440 | 308939 | 0.42 | cps |
| Selenium | 82-1 | 1849 | 2046 | 1959 | 1951 | 5.05 | cps |
| Selenium | 77-2 | 973 | 947 | 960 | 960 | 1.39 | cps |
| Selenium | 78-2 | 1660 | 1450 | 1517 | 1542 | 6.96 | cps |
| Silicon | 28-1 | 19870719 | 19808739 | 20272465 | 19983974 | 1.26 | cps |
| Silver | 107-1 | 62588 | 63542 | 63421 | 63183 | 0.82 | cps |
| Silver | 109-1 | 58953 | 59297 | 60138 | 59463 | 1.02 | cps |
| Sodium | 23-2 | 12567387 | 12713479 | 12693052 | 12657973 | 0.62 | cps |
| Strontium | 86-1 | 621500 | 623138 | 622661 | 622433 | 0.14 | cps |
| Strontium | 88-1 | 5568813 | 5678874 | 5699038 | 5648908 | 1.24 | cps |
| Sulfur | 34-1 | 2107673 | 2110601 | 2080932 | 2099735 | 0.78 | cps |
| Terbium | 159-1 | 4771912 | 4806724 | 4835077 | 4804571 | 0.66 | cps |
| Terbium | 159-2 | 3699689 | 3680367 | 3660482 | 3680179 | 0.53 | cps |
| Thallium | 203-1 | 8319 | 8042 | 7966 | 8109 | 2.29 | cps |
| Thallium | 205-1 | 19174 | 19114 | 20008 | 19432 | 2.57 | cps |
| Tin | 118-1 | 879359 | 881322 | 895064 | 885248 | 0.97 | cps |
| Titanium | 47-1 | 1363768 | 1390772 | 1422091 | 1392210 | 2.10 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUP | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:37:05 | DataFile Name : | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 113632 | 115833 | 115618 | 115028 | 1.05 | cps |
| Vanadium | 51-2 | 873366 | 864289 | 863098 | 866917 | 0.65 | cps |
| Yttrium | 89-1 | 9313968 | 9247032 | 9327075 | 9296025 | 0.46 | cps |
| Yttrium | 89-2 | 2899506 | 2864620 | 2821338 | 2861822 | 1.37 | cps |
| Zinc | 66-2 | 1522741 | 1560317 | 1513244 | 1532100 | 1.62 | cps |
| Zirconium | 90-1 | 819175 | 833528 | 826816 | 826506 | 0.87 | cps |
| Zirconium | 91-1 | 180869 | 185372 | 183751 | 183330 | 1.24 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 14:40:11 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 4120970 | 4140185 | 4104765 | 4121973 | 0.43 | cps |
| Antimony | 121-1 | 967 | 930 | 900 | 932 | 3.58 | cps |
| Arsenic | 75-2 | 44223 | 43370 | 43563 | 43719 | 1.02 | cps |
| Barium | 135-1 | 198475 | 198715 | 199111 | 198767 | 0.16 | cps |
| Barium | 137-1 | 342809 | 346263 | 345931 | 345001 | 0.55 | cps |
| Beryllium | 9-1 | 1477 | 1423 | 1400 | 1433 | 2.74 | cps |
| Bismuth | 209-1 | 2964357 | 2899278 | 2956345 | 2939993 | 1.21 | cps |
| Bismuth | 209-2 | 2750327 | 2774677 | 2706237 | 2743747 | 1.26 | cps |
| Bromine | 81-1 | 279488 | 319315 | 333557 | 310787 | 9.02 | cps |
| Bromine | 81-2 | 68782 | 69144 | 68404 | 68777 | 0.54 | cps |
| Cadmium | 108-1 | 270 | 200 | 173 | 214 | 23.28 | cps |
| Cadmium | 106-1 | 2414 | 2170 | 2164 | 2249 | 6.33 | cps |
| Cadmium | 111-1 | 3211 | 3183 | 3237 | 3210 | 0.84 | cps |
| Calcium | 43-1 | 113115 | 113478 | 113556 | 113383 | 0.21 | cps |
| Calcium | 44-1 | 1793336 | 1800568 | 1739749 | 1777884 | 1.87 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 351789 | 351098 | 352349 | 351745 | 0.18 | cps |
| Cobalt | 59-2 | 90048 | 90005 | 89394 | 89816 | 0.41 | cps |
| Copper | 63-2 | 1031551 | 1020514 | 1012164 | 1021410 | 0.95 | cps |
| Dysprosium | 156-1 | 31546 | 31068 | 30567 | 31060 | 1.58 | cps |
| Dysprosium | 156-2 | 30477 | 30330 | 30894 | 30567 | 0.96 | cps |
| Erbium | 164-1 | 30333 | 30109 | 31158 | 30533 | 1.81 | cps |
| Erbium | 164-2 | 23870 | 23613 | 23563 | 23682 | 0.70 | cps |
| Gadolinium | 160-1 | 32929 | 33036 | 32852 | 32939 | 0.28 | cps |
| Gadolinium | 160-2 | 27400 | 27577 | 27096 | 27358 | 0.89 | cps |
| Holmium | 165-1 | 4673542 | 4666680 | 4781953 | 4707392 | 1.37 | cps |
| Holmium | 165-2 | 3785454 | 3844149 | 3750436 | 3793346 | 1.25 | cps |
| Indium | 115-1 | 3834198 | 3790087 | 3867259 | 3830515 | 1.01 | cps |
| Indium | 115-2 | 1566228 | 1550456 | 1557767 | 1558150 | 0.51 | cps |
| Iron | 56-2 | 151810061 | 151760358 | 147825604 | 150465341 | 1.52 | cps |
| Iron | 57-2 | 3768808 | 3798632 | 3718206 | 3761882 | 1.08 | cps |
| Iron | 54-2 | 8330274 | 8375867 | 8501572 | 8402571 | 1.06 | cps |
| Krypton | 83-1 | 417 | 483 | 440 | 447 | 7.57 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 14:40:11 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2107531 | 2094683 | 2120323 | 2107512 | 0.61 | cps |
| Lead | 207-1 | 1574415 | 1691317 | 1582841 | 1616191 | 4.03 | cps |
| Lead | 208-1 | 7991034 | 8038479 | 7980103 | 8003205 | 0.39 | cps |
| Lithium | 6-1 | 665271 | 664992 | 664118 | 664794 | 0.09 | cps |
| Magnesium | 24-2 | 3386607 | 3357497 | 3328777 | 3357627 | 0.86 | cps |
| Manganese | 55-2 | 2895406 | 3016730 | 2984043 | 2965393 | 2.12 | cps |
| Molybdenum | 94-1 | 58262 | 57974 | 58821 | 58352 | 0.74 | cps |
| Molybdenum | 95-1 | 3871 | 3967 | 4031 | 3956 | 2.04 | cps |
| Molybdenum | 96-1 | 14337 | 14150 | 14127 | 14205 | 0.81 | cps |
| Molybdenum | 97-1 | 2554 | 2567 | 2520 | 2547 | 0.94 | cps |
| Molybdenum | 98-1 | 6451 | 6595 | 6221 | 6423 | 2.93 | cps |
| Neodymium | 150-1 | 49002 | 47410 | 49440 | 48617 | 2.20 | cps |
| Neodymium | 150-2 | 31779 | 32193 | 31535 | 31836 | 1.05 | cps |
| Nickel | 60-2 | 78517 | 79315 | 78233 | 78689 | 0.71 | cps |
| Phosphorus | 31-2 | 22453 | 22630 | 22160 | 22414 | 1.06 | cps |
| Potassium | 39-2 | 1475506 | 1501550 | 1504745 | 1493934 | 1.07 | cps |
| Rhodium | 103-1 | 3900324 | 3946853 | 3903885 | 3917021 | 0.66 | cps |
| Rhodium | 103-2 | 2634908 | 2608854 | 2638487 | 2627416 | 0.62 | cps |
| Scandium | 45-1 | 2550940 | 2528196 | 2587405 | 2555514 | 1.17 | cps |
| Scandium | 45-2 | 271989 | 272007 | 271659 | 271885 | 0.07 | cps |
| Selenium | 82-1 | 619 | 552 | 579 | 583 | 5.76 | cps |
| Selenium | 77-2 | 153 | 183 | 160 | 166 | 9.52 | cps |
| Selenium | 78-2 | 550 | 553 | 600 | 568 | 4.92 | cps |
| Silicon | 28-1 | 7793647 | 8066993 | 7893464 | 7918035 | 1.75 | cps |
| Silver | 107-1 | 11932 | 12305 | 12345 | 12194 | 1.87 | cps |
| Silver | 109-1 | 11274 | 11348 | 11605 | 11409 | 1.52 | cps |
| Sodium | 23-2 | 2371902 | 2367641 | 2353233 | 2364259 | 0.41 | cps |
| Strontium | 86-1 | 114707 | 114105 | 114878 | 114563 | 0.35 | cps |
| Strontium | 88-1 | 997409 | 1007290 | 1009668 | 1004789 | 0.65 | cps |
| Sulfur | 34-1 | 476741 | 478372 | 474650 | 476588 | 0.39 | cps |
| Terbium | 159-1 | 4825313 | 4690438 | 4781826 | 4765859 | 1.44 | cps |
| Terbium | 159-2 | 3683484 | 3589712 | 3642907 | 3638701 | 1.29 | cps |
| Thallium | 203-1 | 1680 | 1623 | 1670 | 1658 | 1.82 | cps |
| Thallium | 205-1 | 4194 | 4041 | 3957 | 4064 | 2.95 | cps |
| Tin | 118-1 | 157922 | 157064 | 158708 | 157898 | 0.52 | cps |
| Titanium | 47-1 | 309915 | 314231 | 312053 | 312066 | 0.69 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015L | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 14:40:11 | DataFile Name : | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20369 | 20066 | 20723 | 20386 | 1.61 | cps |
| Vanadium | 51-2 | 161137 | 158500 | 159143 | 159593 | 0.86 | cps |
| Yttrium | 89-1 | 7423230 | 7425903 | 7516966 | 7455366 | 0.72 | cps |
| Yttrium | 89-2 | 2247997 | 2276819 | 2307874 | 2277563 | 1.31 | cps |
| Zinc | 66-2 | 304333 | 307749 | 304306 | 305463 | 0.65 | cps |
| Zirconium | 90-1 | 154252 | 155784 | 155855 | 155297 | 0.58 | cps |
| Zirconium | 91-1 | 34380 | 35413 | 34337 | 34710 | 1.75 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:43:25 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17688501 | 17576453 | 17807591 | 17690848 | 0.65 | cps |
| Antimony | 121-1 | 2258874 | 2373308 | 2320044 | 2317409 | 2.47 | cps |
| Arsenic | 75-2 | 165285 | 167523 | 166227 | 166345 | 0.68 | cps |
| Barium | 135-1 | 3114359 | 3173245 | 3182679 | 3156761 | 1.17 | cps |
| Barium | 137-1 | 5336396 | 5478932 | 5531351 | 5448893 | 1.85 | cps |
| Beryllium | 9-1 | 427952 | 438619 | 440797 | 435789 | 1.58 | cps |
| Bismuth | 209-1 | 3059239 | 2978842 | 2989019 | 3009034 | 1.45 | cps |
| Bismuth | 209-2 | 2783251 | 2716639 | 2707704 | 2735865 | 1.51 | cps |
| Bromine | 81-1 | 640999 | 830968 | 939879 | 803949 | 18.81 | cps |
| Bromine | 81-2 | 212642 | 217011 | 218918 | 216190 | 1.49 | cps |
| Cadmium | 108-1 | 45120 | 46123 | 46825 | 46023 | 1.86 | cps |
| Cadmium | 106-1 | 66425 | 68002 | 68585 | 67670 | 1.65 | cps |
| Cadmium | 111-1 | 654110 | 659402 | 669304 | 660939 | 1.17 | cps |
| Calcium | 43-1 | 1122769 | 1148330 | 1144376 | 1138492 | 1.21 | cps |
| Calcium | 44-1 | 17192172 | 18011256 | 17939704 | 17714378 | 2.56 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2640188 | 2614729 | 2695177 | 2650031 | 1.55 | cps |
| Cobalt | 59-2 | 2408138 | 2373745 | 2384952 | 2388945 | 0.73 | cps |
| Copper | 63-2 | 18099929 | 17937746 | 17875856 | 17971177 | 0.64 | cps |
| Dysprosium | 156-1 | 127776 | 129397 | 130743 | 129305 | 1.15 | cps |
| Dysprosium | 156-2 | 127412 | 126578 | 128843 | 127611 | 0.90 | cps |
| Erbium | 164-1 | 125297 | 128270 | 129068 | 127545 | 1.56 | cps |
| Erbium | 164-2 | 99884 | 99048 | 99062 | 99331 | 0.48 | cps |
| Gadolinium | 160-1 | 136274 | 139690 | 139578 | 138514 | 1.40 | cps |
| Gadolinium | 160-2 | 113560 | 114039 | 113314 | 113638 | 0.32 | cps |
| Holmium | 165-1 | 5000130 | 4953330 | 5018487 | 4990649 | 0.67 | cps |
| Holmium | 165-2 | 3933478 | 3849811 | 3808768 | 3864019 | 1.64 | cps |
| Indium | 115-1 | 3914151 | 3783115 | 3888077 | 3861781 | 1.80 | cps |
| Indium | 115-2 | 1539060 | 1530721 | 1517591 | 1529124 | 0.71 | cps |
| Iron | 56-2 | 652327110 | 635642511 | 641249444 | 643073022 | 1.32 | cps |
| Iron | 57-2 | 15850096 | 15563798 | 15860745 | 15758213 | 1.07 | cps |
| Iron | 54-2 | 35569455 | 35261924 | 36155045 | 35662141 | 1.27 | cps |
| Krypton | 83-1 | 553 | 583 | 580 | 572 | 2.87 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:43:25 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16725342 | 17112352 | 17392077 | 17076590 | 1.96 | cps |
| Lead | 207-1 | 14054761 | 13977441 | 14093714 | 14041972 | 0.42 | cps |
| Lead | 208-1 | 64920917 | 64971501 | 66646930 | 65513116 | 1.50 | cps |
| Lithium | 6-1 | 709018 | 706786 | 711782 | 709195 | 0.35 | cps |
| Magnesium | 24-2 | 27196206 | 27409324 | 27380212 | 27328581 | 0.42 | cps |
| Manganese | 55-2 | 21576981 | 21675121 | 22056566 | 21769556 | 1.16 | cps |
| Molybdenum | 94-1 | 4224814 | 4212490 | 4285425 | 4240910 | 0.92 | cps |
| Molybdenum | 95-1 | 4372868 | 4352365 | 4362805 | 4362679 | 0.24 | cps |
| Molybdenum | 96-1 | 4854308 | 5020513 | 5016771 | 4963864 | 1.91 | cps |
| Molybdenum | 97-1 | 2630958 | 2647863 | 2702958 | 2660593 | 1.42 | cps |
| Molybdenum | 98-1 | 6814933 | 7135561 | 7146604 | 7032366 | 2.68 | cps |
| Neodymium | 150-1 | 199962 | 197971 | 202727 | 200220 | 1.19 | cps |
| Neodymium | 150-2 | 131635 | 131232 | 131437 | 131435 | 0.15 | cps |
| Nickel | 60-2 | 803853 | 793467 | 802380 | 799900 | 0.70 | cps |
| Phosphorus | 31-2 | 95908 | 94322 | 95358 | 95196 | 0.85 | cps |
| Potassium | 39-2 | 12168072 | 12226905 | 12419737 | 12271571 | 1.07 | cps |
| Rhodium | 103-1 | 3810090 | 3799370 | 3858865 | 3822775 | 0.83 | cps |
| Rhodium | 103-2 | 2582273 | 2592519 | 2551394 | 2575395 | 0.83 | cps |
| Scandium | 45-1 | 2840329 | 2847210 | 2895867 | 2861136 | 1.06 | cps |
| Scandium | 45-2 | 304907 | 301410 | 304287 | 303535 | 0.61 | cps |
| Selenium | 82-1 | 57170 | 57838 | 57971 | 57659 | 0.74 | cps |
| Selenium | 77-2 | 7739 | 7472 | 7949 | 7720 | 3.10 | cps |
| Selenium | 78-2 | 23712 | 23763 | 23575 | 23683 | 0.41 | cps |
| Silicon | 28-1 | 9193947 | 9493770 | 9331493 | 9339737 | 1.61 | cps |
| Silver | 107-1 | 558250 | 564165 | 580668 | 567695 | 2.05 | cps |
| Silver | 109-1 | 523030 | 535487 | 537109 | 531875 | 1.45 | cps |
| Sodium | 23-2 | 30829798 | 30932876 | 30964644 | 30909106 | 0.23 | cps |
| Strontium | 86-1 | 1314824 | 1340447 | 1349799 | 1335023 | 1.36 | cps |
| Strontium | 88-1 | 11740974 | 12069663 | 12019556 | 11943397 | 1.48 | cps |
| Sulfur | 34-1 | 1462891 | 1498781 | 1490542 | 1484071 | 1.27 | cps |
| Terbium | 159-1 | 4905059 | 4830477 | 4980562 | 4905366 | 1.53 | cps |
| Terbium | 159-2 | 3768488 | 3641104 | 3689868 | 3699820 | 1.74 | cps |
| Thallium | 203-1 | 2030049 | 2147331 | 2183143 | 2120174 | 3.78 | cps |
| Thallium | 205-1 | 4996782 | 5100300 | 5109101 | 5068728 | 1.23 | cps |
| Tin | 118-1 | 2399620 | 2446310 | 2490549 | 2445493 | 1.86 | cps |
| Titanium | 47-1 | 1089798 | 1107392 | 1111468 | 1102886 | 1.04 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:43:25 | DataFile Name : | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6200306 | 6388648 | 6466669 | 6351874 | 2.16 | cps |
| Vanadium | 51-2 | 1818542 | 1769547 | 1773962 | 1787350 | 1.52 | cps |
| Yttrium | 89-1 | 9019799 | 8989542 | 9003138 | 9004160 | 0.17 | cps |
| Yttrium | 89-2 | 2698600 | 2669534 | 2673821 | 2680652 | 0.59 | cps |
| Zinc | 66-2 | 3890736 | 3944808 | 3904740 | 3913428 | 0.72 | cps |
| Zirconium | 90-1 | 4669108 | 4727156 | 4801388 | 4732550 | 1.40 | cps |
| Zirconium | 91-1 | 1019095 | 1032436 | 1046544 | 1032692 | 1.33 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:46:15 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 20519562 | 20681315 | 21067168 | 20756015 | 1.36 | cps |
| Antimony | 121-1 | 2243796 | 2254889 | 2304704 | 2267796 | 1.43 | cps |
| Arsenic | 75-2 | 209347 | 208376 | 207747 | 208490 | 0.39 | cps |
| Barium | 135-1 | 3223454 | 3360960 | 3335349 | 3306587 | 2.21 | cps |
| Barium | 137-1 | 5703790 | 5666222 | 5833115 | 5734376 | 1.53 | cps |
| Beryllium | 9-1 | 413976 | 423034 | 420636 | 419215 | 1.12 | cps |
| Bismuth | 209-1 | 3061133 | 3056096 | 2973473 | 3030234 | 1.62 | cps |
| Bismuth | 209-2 | 2688723 | 2756716 | 2720128 | 2721856 | 1.25 | cps |
| Bromine | 81-1 | 923386 | 1200682 | 1339797 | 1154622 | 18.36 | cps |
| Bromine | 81-2 | 308830 | 312586 | 320879 | 314098 | 1.96 | cps |
| Cadmium | 108-1 | 44842 | 45809 | 44940 | 45197 | 1.18 | cps |
| Cadmium | 106-1 | 66940 | 66629 | 66769 | 66779 | 0.23 | cps |
| Cadmium | 111-1 | 632700 | 646348 | 649387 | 642812 | 1.38 | cps |
| Calcium | 43-1 | 1223059 | 1238022 | 1198889 | 1219990 | 1.62 | cps |
| Calcium | 44-1 | 20140671 | 20618529 | 20151815 | 20303672 | 1.34 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2829705 | 2823757 | 2825195 | 2826219 | 0.11 | cps |
| Cobalt | 59-2 | 2383931 | 2401424 | 2418012 | 2401122 | 0.71 | cps |
| Copper | 63-2 | 18906486 | 19153593 | 19511517 | 19190532 | 1.59 | cps |
| Dysprosium | 156-1 | 150687 | 153000 | 152697 | 152128 | 0.83 | cps |
| Dysprosium | 156-2 | 149696 | 148883 | 151269 | 149949 | 0.81 | cps |
| Erbium | 164-1 | 146911 | 151362 | 151661 | 149978 | 1.77 | cps |
| Erbium | 164-2 | 114891 | 116175 | 115816 | 115627 | 0.57 | cps |
| Gadolinium | 160-1 | 157857 | 161611 | 164619 | 161362 | 2.10 | cps |
| Gadolinium | 160-2 | 131491 | 131707 | 133033 | 132077 | 0.63 | cps |
| Holmium | 165-1 | 4861846 | 4860722 | 4821833 | 4848134 | 0.47 | cps |
| Holmium | 165-2 | 3851431 | 3754305 | 3780536 | 3795424 | 1.32 | cps |
| Indium | 115-1 | 3784746 | 3900109 | 3720144 | 3801666 | 2.40 | cps |
| Indium | 115-2 | 1498071 | 1512261 | 1496632 | 1502321 | 0.57 | cps |
| Iron | 56-2 | 745594442 | 745096682 | 739459322 | 743383482 | 0.46 | cps |
| Iron | 57-2 | 18303422 | 18110671 | 18250761 | 18221618 | 0.55 | cps |
| Iron | 54-2 | 40658569 | 41144094 | 40788498 | 40863720 | 0.62 | cps |
| Krypton | 83-1 | 607 | 670 | 660 | 646 | 5.27 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:46:15 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19327735 | 20123815 | 20161498 | 19871016 | 2.37 | cps |
| Lead | 207-1 | 16060332 | 16814053 | 16646842 | 16507076 | 2.40 | cps |
| Lead | 208-1 | 74124108 | 77560830 | 77410664 | 76365200 | 2.54 | cps |
| Lithium | 6-1 | 718443 | 712429 | 715930 | 715601 | 0.42 | cps |
| Magnesium | 24-2 | 30550385 | 29974615 | 30315081 | 30280027 | 0.96 | cps |
| Manganese | 55-2 | 23266883 | 22716041 | 22420678 | 22801201 | 1.88 | cps |
| Molybdenum | 94-1 | 4281344 | 4238886 | 4272350 | 4264193 | 0.52 | cps |
| Molybdenum | 95-1 | 4263105 | 4446230 | 4449131 | 4386155 | 2.43 | cps |
| Molybdenum | 96-1 | 4853307 | 5147131 | 5022072 | 5007504 | 2.94 | cps |
| Molybdenum | 97-1 | 2692503 | 2755460 | 2699347 | 2715770 | 1.27 | cps |
| Molybdenum | 98-1 | 6972190 | 7027162 | 7068460 | 7022604 | 0.69 | cps |
| Neodymium | 150-1 | 229561 | 236946 | 233697 | 233401 | 1.59 | cps |
| Neodymium | 150-2 | 151694 | 151155 | 154154 | 152334 | 1.05 | cps |
| Nickel | 60-2 | 870611 | 875396 | 881536 | 875847 | 0.63 | cps |
| Phosphorus | 31-2 | 111691 | 113500 | 112453 | 112548 | 0.81 | cps |
| Potassium | 39-2 | 13097866 | 13153150 | 13425547 | 13225521 | 1.33 | cps |
| Rhodium | 103-1 | 3875164 | 3774614 | 3839232 | 3829670 | 1.33 | cps |
| Rhodium | 103-2 | 2546201 | 2604818 | 2564377 | 2571799 | 1.17 | cps |
| Scandium | 45-1 | 2942113 | 2837302 | 2837148 | 2872188 | 2.11 | cps |
| Scandium | 45-2 | 307736 | 304284 | 305282 | 305768 | 0.58 | cps |
| Selenium | 82-1 | 55715 | 55242 | 55966 | 55641 | 0.66 | cps |
| Selenium | 77-2 | 7585 | 7609 | 7305 | 7500 | 2.25 | cps |
| Selenium | 78-2 | 23676 | 23238 | 23455 | 23456 | 0.93 | cps |
| Silicon | 28-1 | 10508176 | 10386708 | 10726487 | 10540457 | 1.63 | cps |
| Silver | 107-1 | 556435 | 560198 | 564991 | 560541 | 0.77 | cps |
| Silver | 109-1 | 523957 | 532997 | 527297 | 528084 | 0.87 | cps |
| Sodium | 23-2 | 33892663 | 33690673 | 34124909 | 33902748 | 0.64 | cps |
| Strontium | 86-1 | 1434763 | 1437366 | 1450410 | 1440847 | 0.58 | cps |
| Strontium | 88-1 | 12400466 | 12646303 | 12520206 | 12522325 | 0.98 | cps |
| Sulfur | 34-1 | 1787800 | 1821069 | 1831773 | 1813548 | 1.26 | cps |
| Terbium | 159-1 | 4815606 | 4892479 | 4854099 | 4854061 | 0.79 | cps |
| Terbium | 159-2 | 3602048 | 3648690 | 3720606 | 3657115 | 1.63 | cps |
| Thallium | 203-1 | 1959068 | 2127907 | 2126357 | 2071111 | 4.69 | cps |
| Thallium | 205-1 | 4925934 | 5001330 | 5103423 | 5010229 | 1.78 | cps |
| Tin | 118-1 | 2704123 | 2736444 | 2797907 | 2746158 | 1.73 | cps |
| Titanium | 47-1 | 1256122 | 1251115 | 1261895 | 1256377 | 0.43 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:46:15 | DataFile Name : | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 5983861 | 6269179 | 6249360 | 6167467 | 2.58 | cps |
| Vanadium | 51-2 | 1862962 | 1782324 | 1869200 | 1838162 | 2.64 | cps |
| Yttrium | 89-1 | 9183878 | 9165473 | 9296541 | 9215298 | 0.77 | cps |
| Yttrium | 89-2 | 2718962 | 2783420 | 2763173 | 2755185 | 1.20 | cps |
| Zinc | 66-2 | 3992739 | 4056566 | 4037779 | 4029028 | 0.81 | cps |
| Zirconium | 90-1 | 4574964 | 4790395 | 4796422 | 4720594 | 2.67 | cps |
| Zirconium | 91-1 | 1029369 | 1044837 | 1050501 | 1041569 | 1.05 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05A | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:49:08 | DataFile Name : | 057SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16050829 | 16268580 | 16073366 | 16130925 | 0.74 | cps |
| Antimony | 121-1 | 2276344 | 2345583 | 2228819 | 2283582 | 2.57 | cps |
| Arsenic | 75-2 | 150284 | 149859 | 149646 | 149929 | 0.22 | cps |
| Barium | 135-1 | 3029494 | 3151744 | 3060448 | 3080562 | 2.06 | cps |
| Barium | 137-1 | 5254607 | 5408198 | 5279241 | 5314016 | 1.55 | cps |
| Beryllium | 9-1 | 414240 | 424325 | 418868 | 419144 | 1.20 | cps |
| Bismuth | 209-1 | 2943337 | 3008083 | 2987271 | 2979564 | 1.11 | cps |
| Bismuth | 209-2 | 2767589 | 2739463 | 2690659 | 2732570 | 1.42 | cps |
| Bromine | 81-1 | 667502 | 830418 | 921087 | 806335 | 15.94 | cps |
| Bromine | 81-2 | 208257 | 208007 | 211827 | 209364 | 1.02 | cps |
| Cadmium | 108-1 | 45725 | 46016 | 45210 | 45651 | 0.89 | cps |
| Cadmium | 106-1 | 66120 | 67838 | 68377 | 67445 | 1.75 | cps |
| Cadmium | 111-1 | 645768 | 649449 | 652870 | 649362 | 0.55 | cps |
| Calcium | 43-1 | 1079597 | 1071383 | 1084283 | 1078421 | 0.61 | cps |
| Calcium | 44-1 | 16858186 | 16884716 | 16473316 | 16738740 | 1.38 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2519962 | 2460311 | 2462688 | 2480987 | 1.36 | cps |
| Cobalt | 59-2 | 2321431 | 2333889 | 2279831 | 2311717 | 1.22 | cps |
| Copper | 63-2 | 17481482 | 17406593 | 17343274 | 17410450 | 0.40 | cps |
| Dysprosium | 156-1 | 116236 | 119857 | 119941 | 118678 | 1.78 | cps |
| Dysprosium | 156-2 | 116277 | 117067 | 117087 | 116810 | 0.40 | cps |
| Erbium | 164-1 | 113517 | 116552 | 118189 | 116086 | 2.04 | cps |
| Erbium | 164-2 | 91582 | 90950 | 90176 | 90903 | 0.77 | cps |
| Gadolinium | 160-1 | 124875 | 125636 | 127831 | 126114 | 1.22 | cps |
| Gadolinium | 160-2 | 104086 | 102948 | 102975 | 103336 | 0.63 | cps |
| Holmium | 165-1 | 4846291 | 4879575 | 4903976 | 4876614 | 0.59 | cps |
| Holmium | 165-2 | 3738635 | 3910870 | 3757146 | 3802217 | 2.49 | cps |
| Indium | 115-1 | 3739824 | 3815415 | 3848628 | 3801289 | 1.47 | cps |
| Indium | 115-2 | 1516797 | 1510494 | 1502563 | 1509951 | 0.47 | cps |
| Iron | 56-2 | 587841858 | 581922791 | 581872725 | 583879125 | 0.59 | cps |
| Iron | 57-2 | 14168410 | 14237570 | 14231000 | 14212327 | 0.27 | cps |
| Iron | 54-2 | 31996927 | 32593440 | 32111770 | 32234046 | 0.98 | cps |
| Krypton | 83-1 | 673 | 597 | 557 | 609 | 9.74 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05A | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:49:08 | DataFile Name : | 057SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 15802382 | 16254232 | 16223442 | 16093352 | 1.57 | cps |
| Lead | 207-1 | 13009223 | 13516209 | 13390029 | 13305153 | 1.98 | cps |
| Lead | 208-1 | 60411857 | 62298750 | 62085087 | 61598565 | 1.68 | cps |
| Lithium | 6-1 | 696001 | 700307 | 705600 | 700636 | 0.69 | cps |
| Magnesium | 24-2 | 25676653 | 25648022 | 25864105 | 25729594 | 0.46 | cps |
| Manganese | 55-2 | 20620084 | 20717171 | 20669797 | 20669017 | 0.23 | cps |
| Molybdenum | 94-1 | 4185441 | 4315478 | 4208474 | 4236464 | 1.64 | cps |
| Molybdenum | 95-1 | 4283838 | 4345071 | 4367066 | 4331992 | 1.00 | cps |
| Molybdenum | 96-1 | 4875431 | 5104821 | 5030229 | 5003494 | 2.34 | cps |
| Molybdenum | 97-1 | 2621800 | 2684084 | 2729020 | 2678302 | 2.01 | cps |
| Molybdenum | 98-1 | 6990958 | 7093834 | 7118288 | 7067694 | 0.96 | cps |
| Neodymium | 150-1 | 179158 | 182315 | 182219 | 181230 | 0.99 | cps |
| Neodymium | 150-2 | 118931 | 117606 | 119183 | 118573 | 0.71 | cps |
| Nickel | 60-2 | 765115 | 765674 | 765713 | 765501 | 0.04 | cps |
| Phosphorus | 31-2 | 87968 | 86332 | 86248 | 86849 | 1.12 | cps |
| Potassium | 39-2 | 11950581 | 11668589 | 11721281 | 11780150 | 1.27 | cps |
| Rhodium | 103-1 | 3864637 | 3809090 | 3902850 | 3858859 | 1.22 | cps |
| Rhodium | 103-2 | 2553938 | 2520638 | 2604415 | 2559663 | 1.65 | cps |
| Scandium | 45-1 | 2741909 | 2707379 | 2713461 | 2720916 | 0.68 | cps |
| Scandium | 45-2 | 296217 | 293817 | 295657 | 295230 | 0.43 | cps |
| Selenium | 82-1 | 55696 | 56852 | 55692 | 56080 | 1.19 | cps |
| Selenium | 77-2 | 6875 | 7479 | 7649 | 7334 | 5.54 | cps |
| Selenium | 78-2 | 23846 | 23232 | 23692 | 23590 | 1.36 | cps |
| Silicon | 28-1 | 12929586 | 13095277 | 12511575 | 12845479 | 2.34 | cps |
| Silver | 107-1 | 543506 | 554376 | 551546 | 549809 | 1.03 | cps |
| Silver | 109-1 | 513907 | 521094 | 521621 | 518874 | 0.83 | cps |
| Sodium | 23-2 | 30047833 | 29373251 | 29205659 | 29542248 | 1.51 | cps |
| Strontium | 86-1 | 1258079 | 1271158 | 1268720 | 1265986 | 0.55 | cps |
| Strontium | 88-1 | 11325876 | 11593722 | 11488577 | 11469392 | 1.18 | cps |
| Sulfur | 34-1 | 1286097 | 1294140 | 1285392 | 1288543 | 0.38 | cps |
| Terbium | 159-1 | 4880912 | 4831435 | 4944209 | 4885519 | 1.16 | cps |
| Terbium | 159-2 | 3722784 | 3714034 | 3613070 | 3683296 | 1.66 | cps |
| Thallium | 203-1 | 2085202 | 2065436 | 2079529 | 2076723 | 0.49 | cps |
| Thallium | 205-1 | 4930271 | 5045545 | 5152457 | 5042758 | 2.20 | cps |
| Tin | 118-1 | 2361774 | 2383624 | 2377233 | 2374210 | 0.47 | cps |
| Titanium | 47-1 | 1053952 | 1053843 | 1071575 | 1059790 | 0.96 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05A | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015A | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:49:08 | DataFile Name : | 057SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6148580 | 6136923 | 6220907 | 6168803 | 0.74 | cps |
| Vanadium | 51-2 | 1694606 | 1654950 | 1654864 | 1668140 | 1.37 | cps |
| Yttrium | 89-1 | 8740252 | 8711968 | 8584927 | 8679049 | 0.95 | cps |
| Yttrium | 89-2 | 2650249 | 2615705 | 2634876 | 2633610 | 0.66 | cps |
| Zinc | 66-2 | 3795753 | 3810325 | 3795271 | 3800450 | 0.23 | cps |
| Zirconium | 90-1 | 4534722 | 4783565 | 4614321 | 4644203 | 2.74 | cps |
| Zirconium | 91-1 | 992575 | 1021706 | 1005938 | 1006739 | 1.45 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:54:32 | DataFile Name : | 058CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7793363 | 7805497 | 7775224 | 7791361 | 0.20 | cps |
| Antimony | 121-1 | 2392398 | 2435115 | 2411780 | 2413098 | 0.89 | cps |
| Arsenic | 75-2 | 197785 | 197854 | 195325 | 196988 | 0.73 | cps |
| Barium | 135-1 | 2760120 | 2802369 | 2777735 | 2780075 | 0.76 | cps |
| Barium | 137-1 | 4852574 | 4790574 | 4786539 | 4809895 | 0.77 | cps |
| Beryllium | 9-1 | 437548 | 445060 | 437346 | 439985 | 1.00 | cps |
| Bismuth | 209-1 | 2782002 | 2825666 | 2864355 | 2824008 | 1.46 | cps |
| Bismuth | 209-2 | 2553216 | 2514627 | 2534673 | 2534172 | 0.76 | cps |
| Bromine | 81-1 | 31711 | 29409 | 28925 | 30015 | 4.96 | cps |
| Bromine | 81-2 | 3954 | 3867 | 3634 | 3818 | 4.34 | cps |
| Cadmium | 108-1 | 48160 | 48233 | 48919 | 48437 | 0.86 | cps |
| Cadmium | 106-1 | 68316 | 69238 | 69094 | 68883 | 0.72 | cps |
| Cadmium | 111-1 | 664542 | 680103 | 680833 | 675159 | 1.36 | cps |
| Calcium | 43-1 | 3439731 | 3508717 | 3455725 | 3468057 | 1.04 | cps |
| Calcium | 44-1 | 56766247 | 54481324 | 55256889 | 55501487 | 2.09 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1348942 | 1363970 | 1301758 | 1338223 | 2.43 | cps |
| Cobalt | 59-2 | 2031394 | 2084208 | 2004341 | 2039981 | 1.99 | cps |
| Copper | 63-2 | 15960349 | 15661998 | 15206081 | 15609476 | 2.43 | cps |
| Dysprosium | 156-1 | 177 | 190 | 240 | 202 | 16.51 | cps |
| Dysprosium | 156-2 | 337 | 363 | 323 | 341 | 5.97 | cps |
| Erbium | 164-1 | 327 | 277 | 293 | 299 | 8.52 | cps |
| Erbium | 164-2 | 207 | 217 | 287 | 237 | 18.42 | cps |
| Gadolinium | 160-1 | 180 | 180 | 183 | 181 | 1.06 | cps |
| Gadolinium | 160-2 | 373 | 420 | 390 | 394 | 6.00 | cps |
| Holmium | 165-1 | 4732580 | 4747507 | 4710029 | 4730039 | 0.40 | cps |
| Holmium | 165-2 | 3647514 | 3728646 | 3672963 | 3683041 | 1.13 | cps |
| Indium | 115-1 | 3745299 | 3721660 | 3694351 | 3720437 | 0.69 | cps |
| Indium | 115-2 | 1483823 | 1462604 | 1463001 | 1469810 | 0.83 | cps |
| Iron | 56-2 | 309983589 | 313763402 | 310107842 | 311284944 | 0.69 | cps |
| Iron | 57-2 | 7746898 | 7660530 | 7432088 | 7613172 | 2.14 | cps |
| Iron | 54-2 | 17244377 | 17068058 | 16841810 | 17051415 | 1.18 | cps |
| Krypton | 83-1 | 360 | 320 | 437 | 372 | 15.93 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:54:32 | DataFile Name : | 058CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8967982 | 9065617 | 9478279 | 9170626 | 2.95 | cps |
| Lead | 207-1 | 7567769 | 7657220 | 7984087 | 7736358 | 2.83 | cps |
| Lead | 208-1 | 35181710 | 35588214 | 36400375 | 35723433 | 1.74 | cps |
| Lithium | 6-1 | 650251 | 650853 | 646463 | 649189 | 0.37 | cps |
| Magnesium | 24-2 | 70338787 | 70191994 | 70166366 | 70232382 | 0.13 | cps |
| Manganese | 55-2 | 11527393 | 11359034 | 11063764 | 11316731 | 2.07 | cps |
| Molybdenum | 94-1 | 9067410 | 9116938 | 9061681 | 9082010 | 0.33 | cps |
| Molybdenum | 95-1 | 13061338 | 12754304 | 12739357 | 12851666 | 1.41 | cps |
| Molybdenum | 96-1 | 14131684 | 14219012 | 13926894 | 14092530 | 1.06 | cps |
| Molybdenum | 97-1 | 7939190 | 7853043 | 7919184 | 7903806 | 0.57 | cps |
| Molybdenum | 98-1 | 20755271 | 20693331 | 20732362 | 20726988 | 0.15 | cps |
| Neodymium | 150-1 | 160 | 213 | 163 | 179 | 16.70 | cps |
| Neodymium | 150-2 | 93 | 67 | 53 | 71 | 28.64 | cps |
| Nickel | 60-2 | 518328 | 524347 | 514664 | 519113 | 0.94 | cps |
| Phosphorus | 31-2 | 94097 | 94862 | 93846 | 94268 | 0.56 | cps |
| Potassium | 39-2 | 35895474 | 36162958 | 35931051 | 35996494 | 0.40 | cps |
| Rhodium | 103-1 | 3640394 | 3731049 | 3658360 | 3676601 | 1.31 | cps |
| Rhodium | 103-2 | 2500145 | 2489028 | 2457195 | 2482123 | 0.90 | cps |
| Scandium | 45-1 | 2416014 | 2446438 | 2379353 | 2413935 | 1.39 | cps |
| Scandium | 45-2 | 258421 | 261122 | 260639 | 260060 | 0.55 | cps |
| Selenium | 82-1 | 55772 | 56610 | 55764 | 56049 | 0.87 | cps |
| Selenium | 77-2 | 6758 | 6665 | 6692 | 6705 | 0.72 | cps |
| Selenium | 78-2 | 22831 | 23308 | 22187 | 22775 | 2.47 | cps |
| Silicon | 28-1 | 26124173 | 26029038 | 25229011 | 25794074 | 1.91 | cps |
| Silver | 107-1 | 3281235 | 3355487 | 3351121 | 3329281 | 1.25 | cps |
| Silver | 109-1 | 3227994 | 3178135 | 3190184 | 3198771 | 0.81 | cps |
| Sodium | 23-2 | 108058975 | 107708195 | 106379232 | 107382134 | 0.83 | cps |
| Strontium | 86-1 | 800068 | 808193 | 802726 | 803662 | 0.52 | cps |
| Strontium | 88-1 | 7306200 | 7174147 | 7208436 | 7229594 | 0.95 | cps |
| Sulfur | 34-1 | 405222 | 400983 | 400939 | 402381 | 0.61 | cps |
| Terbium | 159-1 | 4756346 | 4691903 | 4719486 | 4722578 | 0.68 | cps |
| Terbium | 159-2 | 3575873 | 3600471 | 3619060 | 3598468 | 0.60 | cps |
| Thallium | 203-1 | 2268326 | 2230039 | 2293384 | 2263916 | 1.41 | cps |
| Thallium | 205-1 | 5355993 | 5480696 | 5337700 | 5391463 | 1.44 | cps |
| Tin | 118-1 | 2015119 | 2009768 | 2004514 | 2009800 | 0.26 | cps |
| Titanium | 47-1 | 3445388 | 3514401 | 3459670 | 3473153 | 1.05 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 14:54:32 | DataFile Name : | 058CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6808257 | 6813972 | 6854185 | 6825471 | 0.37 | cps |
| Vanadium | 51-2 | 1135526 | 1138623 | 1119587 | 1131245 | 0.90 | cps |
| Yttrium | 89-1 | 6876901 | 6820219 | 6951091 | 6882737 | 0.95 | cps |
| Yttrium | 89-2 | 2087047 | 2068235 | 2066136 | 2073806 | 0.56 | cps |
| Zinc | 66-2 | 2926607 | 2964903 | 2904809 | 2932106 | 1.04 | cps |
| Zirconium | 90-1 | 4401333 | 4466565 | 4432735 | 4433544 | 0.74 | cps |
| Zirconium | 91-1 | 968905 | 975533 | 980802 | 975080 | 0.61 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:05:21 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 473 | 463 | 450 | 462 | 2.53 | cps |
| Antimony | 121-1 | 240 | 240 | 227 | 236 | 3.27 | cps |
| Arsenic | 75-2 | 2 | 12 | 2 | 5 | 118.36 | cps |
| Barium | 135-1 | 33 | 30 | 43 | 36 | 19.51 | cps |
| Barium | 137-1 | 43 | 43 | 87 | 58 | 43.31 | cps |
| Beryllium | 9-1 | 27 | 53 | 20 | 33 | 52.91 | cps |
| Bismuth | 209-1 | 2890992 | 2914013 | 2933389 | 2912798 | 0.73 | cps |
| Bismuth | 209-2 | 2687225 | 2710680 | 2725597 | 2707834 | 0.71 | cps |
| Bromine | 81-1 | 11978 | 11751 | 11825 | 11852 | 0.98 | cps |
| Bromine | 81-2 | 840 | 863 | 773 | 826 | 5.66 | cps |
| Cadmium | 108-1 | 7 | 0 | 3 | 3 | 100.05 | cps |
| Cadmium | 106-1 | 1580 | 1530 | 1747 | 1619 | 7.01 | cps |
| Cadmium | 111-1 | 1158 | 1104 | 1267 | 1177 | 7.05 | cps |
| Calcium | 43-1 | 243 | 193 | 237 | 224 | 12.10 | cps |
| Calcium | 44-1 | 16947 | 16933 | 16956 | 16945 | 0.07 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1537 | 1570 | 1573 | 1560 | 1.30 | cps |
| Cobalt | 59-2 | 83 | 67 | 57 | 69 | 19.55 | cps |
| Copper | 63-2 | 1177 | 1157 | 1120 | 1151 | 2.50 | cps |
| Dysprosium | 156-1 | 3 | 10 | 7 | 7 | 50.03 | cps |
| Dysprosium | 156-2 | 10 | 0 | 0 | 3 | 173.21 | cps |
| Erbium | 164-1 | 33 | 30 | 23 | 29 | 17.63 | cps |
| Erbium | 164-2 | 13 | 20 | 33 | 22 | 45.83 | cps |
| Gadolinium | 160-1 | 37 | 33 | 40 | 37 | 9.10 | cps |
| Gadolinium | 160-2 | 260 | 250 | 270 | 260 | 3.85 | cps |
| Holmium | 165-1 | 4642222 | 4682197 | 4670969 | 4665129 | 0.44 | cps |
| Holmium | 165-2 | 3710041 | 3522156 | 3678587 | 3636928 | 2.77 | cps |
| Indium | 115-1 | 3715548 | 3767354 | 3748563 | 3743821 | 0.70 | cps |
| Indium | 115-2 | 1506594 | 1499744 | 1508719 | 1505019 | 0.31 | cps |
| Iron | 56-2 | 26931 | 27676 | 28133 | 27580 | 2.20 | cps |
| Iron | 57-2 | 1743 | 1603 | 1717 | 1688 | 4.40 | cps |
| Iron | 54-2 | 2477 | 2574 | 2570 | 2540 | 2.16 | cps |
| Krypton | 83-1 | 387 | 410 | 337 | 378 | 9.92 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:05:21 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 407 | 480 | 387 | 424 | 11.58 | cps |
| Lead | 207-1 | 413 | 360 | 397 | 390 | 7.00 | cps |
| Lead | 208-1 | 1730 | 1797 | 1687 | 1738 | 3.19 | cps |
| Lithium | 6-1 | 640447 | 640530 | 644287 | 641754 | 0.34 | cps |
| Magnesium | 24-2 | 420 | 457 | 500 | 459 | 8.73 | cps |
| Manganese | 55-2 | 797 | 773 | 783 | 784 | 1.49 | cps |
| Molybdenum | 94-1 | 310 | 297 | 310 | 306 | 2.52 | cps |
| Molybdenum | 95-1 | 253 | 243 | 220 | 239 | 7.16 | cps |
| Molybdenum | 96-1 | 307 | 253 | 273 | 278 | 9.70 | cps |
| Molybdenum | 97-1 | 157 | 130 | 177 | 154 | 15.16 | cps |
| Molybdenum | 98-1 | 340 | 353 | 353 | 349 | 2.21 | cps |
| Neodymium | 150-1 | 3 | 7 | 27 | 12 | 103.26 | cps |
| Neodymium | 150-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Nickel | 60-2 | 387 | 397 | 393 | 392 | 1.30 | cps |
| Phosphorus | 31-2 | 553 | 623 | 553 | 577 | 7.01 | cps |
| Potassium | 39-2 | 60125 | 60894 | 61055 | 60691 | 0.82 | cps |
| Rhodium | 103-1 | 3857935 | 3790825 | 3777895 | 3808885 | 1.13 | cps |
| Rhodium | 103-2 | 2554026 | 2560693 | 2551675 | 2555464 | 0.18 | cps |
| Scandium | 45-1 | 2394166 | 2383151 | 2356062 | 2377793 | 0.82 | cps |
| Scandium | 45-2 | 247779 | 249922 | 248867 | 248856 | 0.43 | cps |
| Selenium | 82-1 | 196 | 247 | 272 | 238 | 16.23 | cps |
| Selenium | 77-2 | 0 | 3 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 313 | 307 | 360 | 327 | 8.90 | cps |
| Silicon | 28-1 | 625132 | 626244 | 626649 | 626008 | 0.13 | cps |
| Silver | 107-1 | 97 | 107 | 97 | 100 | 5.77 | cps |
| Silver | 109-1 | 67 | 83 | 77 | 76 | 11.10 | cps |
| Sodium | 23-2 | 32017 | 32605 | 32798 | 32473 | 1.25 | cps |
| Strontium | 86-1 | 657 | 573 | 593 | 608 | 7.16 | cps |
| Strontium | 88-1 | 167 | 203 | 120 | 163 | 25.57 | cps |
| Sulfur | 34-1 | 172087 | 171099 | 173947 | 172378 | 0.84 | cps |
| Terbium | 159-1 | 4638726 | 4611969 | 4761321 | 4670672 | 1.71 | cps |
| Terbium | 159-2 | 3519523 | 3539802 | 3500746 | 3520024 | 0.55 | cps |
| Thallium | 203-1 | 370 | 297 | 370 | 346 | 12.25 | cps |
| Thallium | 205-1 | 977 | 913 | 943 | 944 | 3.35 | cps |
| Tin | 118-1 | 1287 | 1140 | 1267 | 1231 | 6.46 | cps |
| Titanium | 47-1 | 57 | 70 | 87 | 71 | 21.14 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB03 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB03 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:05:21 | DataFile Name : | 059CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 43 | 37 | 23 | 34 | 29.57 | cps |
| Vanadium | 51-2 | 17 | 20 | 37 | 24 | 43.83 | cps |
| Yttrium | 89-1 | 6766650 | 6808400 | 6852872 | 6809307 | 0.63 | cps |
| Yttrium | 89-2 | 2034636 | 2028935 | 2095035 | 2052869 | 1.78 | cps |
| Zinc | 66-2 | 1537 | 1560 | 1427 | 1508 | 4.72 | cps |
| Zirconium | 90-1 | 427 | 400 | 453 | 427 | 6.25 | cps |
| Zirconium | 91-1 | 97 | 83 | 93 | 91 | 7.62 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:14:30 | DataFile Name : | 060CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 487 | 467 | 440 | 464 | 5.04 | cps |
| Antimony | 121-1 | 80 | 87 | 107 | 91 | 15.23 | cps |
| Arsenic | 75-2 | 11 | 8 | 5 | 8 | 41.20 | cps |
| Barium | 135-1 | 37 | 20 | 20 | 26 | 37.66 | cps |
| Barium | 137-1 | 50 | 53 | 60 | 54 | 9.35 | cps |
| Beryllium | 9-1 | 13 | 10 | 10 | 11 | 17.30 | cps |
| Bismuth | 209-1 | 2912972 | 2753062 | 2867269 | 2844434 | 2.90 | cps |
| Bismuth | 209-2 | 2575464 | 2545433 | 2628972 | 2583290 | 1.64 | cps |
| Bromine | 81-1 | 9096 | 9433 | 9110 | 9213 | 2.07 | cps |
| Bromine | 81-2 | 433 | 447 | 450 | 443 | 1.99 | cps |
| Cadmium | 108-1 | 10 | 0 | 10 | 7 | 86.60 | cps |
| Cadmium | 106-1 | 1537 | 1360 | 1493 | 1463 | 6.29 | cps |
| Cadmium | 111-1 | 1075 | 979 | 1072 | 1042 | 5.26 | cps |
| Calcium | 43-1 | 187 | 200 | 137 | 174 | 19.14 | cps |
| Calcium | 44-1 | 18996 | 17951 | 19106 | 18684 | 3.41 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1417 | 1600 | 1543 | 1520 | 6.18 | cps |
| Cobalt | 59-2 | 60 | 70 | 60 | 63 | 9.12 | cps |
| Copper | 63-2 | 790 | 790 | 967 | 849 | 12.02 | cps |
| Dysprosium | 156-1 | 10 | 10 | 7 | 9 | 21.63 | cps |
| Dysprosium | 156-2 | 3 | 7 | 0 | 3 | 100.05 | cps |
| Erbium | 164-1 | 20 | 27 | 20 | 22 | 17.33 | cps |
| Erbium | 164-2 | 7 | 13 | 17 | 12 | 41.65 | cps |
| Gadolinium | 160-1 | 13 | 20 | 7 | 13 | 49.99 | cps |
| Gadolinium | 160-2 | 277 | 203 | 283 | 254 | 17.44 | cps |
| Holmium | 165-1 | 4497000 | 4522601 | 4486477 | 4502026 | 0.41 | cps |
| Holmium | 165-2 | 3408903 | 3518229 | 3542210 | 3489781 | 2.04 | cps |
| Indium | 115-1 | 3681392 | 3687503 | 3689694 | 3686196 | 0.12 | cps |
| Indium | 115-2 | 1466915 | 1459707 | 1465722 | 1464115 | 0.26 | cps |
| Iron | 56-2 | 22176 | 22363 | 22096 | 22212 | 0.62 | cps |
| Iron | 57-2 | 1550 | 1670 | 1577 | 1599 | 3.94 | cps |
| Iron | 54-2 | 2244 | 2314 | 2147 | 2235 | 3.75 | cps |
| Krypton | 83-1 | 350 | 413 | 420 | 394 | 9.79 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:14:30 | DataFile Name : | 060CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 440 | 347 | 353 | 380 | 13.70 | cps |
| Lead | 207-1 | 313 | 310 | 290 | 304 | 4.14 | cps |
| Lead | 208-1 | 1477 | 1373 | 1427 | 1426 | 3.63 | cps |
| Lithium | 6-1 | 630137 | 626725 | 627768 | 628210 | 0.28 | cps |
| Magnesium | 24-2 | 290 | 253 | 280 | 274 | 6.91 | cps |
| Manganese | 55-2 | 663 | 680 | 700 | 681 | 2.70 | cps |
| Molybdenum | 94-1 | 257 | 210 | 180 | 216 | 17.92 | cps |
| Molybdenum | 95-1 | 197 | 190 | 220 | 202 | 7.79 | cps |
| Molybdenum | 96-1 | 243 | 197 | 250 | 230 | 12.64 | cps |
| Molybdenum | 97-1 | 113 | 137 | 123 | 124 | 9.41 | cps |
| Molybdenum | 98-1 | 340 | 347 | 267 | 318 | 13.97 | cps |
| Neodymium | 150-1 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Neodymium | 150-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Nickel | 60-2 | 477 | 353 | 493 | 441 | 17.34 | cps |
| Phosphorus | 31-2 | 553 | 563 | 590 | 569 | 3.33 | cps |
| Potassium | 39-2 | 61018 | 60580 | 60282 | 60627 | 0.61 | cps |
| Rhodium | 103-1 | 3783369 | 3703153 | 3725944 | 3737488 | 1.11 | cps |
| Rhodium | 103-2 | 2485197 | 2496917 | 2512848 | 2498320 | 0.56 | cps |
| Scandium | 45-1 | 2364484 | 2295199 | 2306480 | 2322054 | 1.60 | cps |
| Scandium | 45-2 | 244616 | 243536 | 244010 | 244054 | 0.22 | cps |
| Selenium | 82-1 | 249 | 216 | 208 | 224 | 9.53 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 373 | 323 | 257 | 318 | 18.42 | cps |
| Silicon | 28-1 | 646365 | 643063 | 647949 | 645793 | 0.39 | cps |
| Silver | 107-1 | 53 | 50 | 43 | 49 | 10.42 | cps |
| Silver | 109-1 | 50 | 57 | 47 | 51 | 9.96 | cps |
| Sodium | 23-2 | 29064 | 29238 | 29425 | 29242 | 0.62 | cps |
| Strontium | 86-1 | 563 | 590 | 593 | 582 | 2.82 | cps |
| Strontium | 88-1 | 127 | 147 | 127 | 133 | 8.66 | cps |
| Sulfur | 34-1 | 169573 | 168581 | 168167 | 168774 | 0.43 | cps |
| Terbium | 159-1 | 4579297 | 4478371 | 4538664 | 4532111 | 1.12 | cps |
| Terbium | 159-2 | 3367148 | 3316769 | 3270259 | 3318059 | 1.46 | cps |
| Thallium | 203-1 | 243 | 277 | 197 | 239 | 16.82 | cps |
| Thallium | 205-1 | 640 | 587 | 650 | 626 | 5.44 | cps |
| Tin | 118-1 | 1050 | 1037 | 990 | 1026 | 3.07 | cps |
| Titanium | 47-1 | 90 | 80 | 43 | 71 | 34.56 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:14:30 | DataFile Name : | 060CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33 | 33 | 10 | 26 | 52.71 | cps |
| Vanadium | 51-2 | 37 | 10 | 20 | 22 | 60.63 | cps |
| Yttrium | 89-1 | 6680315 | 6606173 | 6512747 | 6599745 | 1.27 | cps |
| Yttrium | 89-2 | 1993653 | 1954648 | 1945924 | 1964742 | 1.29 | cps |
| Zinc | 66-2 | 1190 | 1330 | 1223 | 1248 | 5.86 | cps |
| Zirconium | 90-1 | 347 | 420 | 317 | 361 | 14.72 | cps |
| Zirconium | 91-1 | 63 | 87 | 77 | 76 | 15.50 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:17:52 | DataFile Name : | 061LCSS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1602009 | 1562868 | 1585273 | 1583383 | 1.24 | cps |
| Antimony | 121-1 | 2359008 | 2439906 | 2384292 | 2394402 | 1.73 | cps |
| Arsenic | 75-2 | 193454 | 196233 | 195611 | 195099 | 0.75 | cps |
| Barium | 135-1 | 2744127 | 2737741 | 2819578 | 2767149 | 1.64 | cps |
| Barium | 137-1 | 4686786 | 4841629 | 4844025 | 4790813 | 1.88 | cps |
| Beryllium | 9-1 | 445695 | 448560 | 445796 | 446684 | 0.36 | cps |
| Bismuth | 209-1 | 2876676 | 2909185 | 2841317 | 2875726 | 1.18 | cps |
| Bismuth | 209-2 | 2551005 | 2589117 | 2601604 | 2580575 | 1.02 | cps |
| Bromine | 81-1 | 9030 | 8813 | 8876 | 8906 | 1.25 | cps |
| Bromine | 81-2 | 427 | 383 | 347 | 386 | 10.39 | cps |
| Cadmium | 108-1 | 49374 | 49210 | 49464 | 49349 | 0.26 | cps |
| Cadmium | 106-1 | 69706 | 71472 | 69546 | 70241 | 1.52 | cps |
| Cadmium | 111-1 | 684471 | 694948 | 695671 | 691697 | 0.91 | cps |
| Calcium | 43-1 | 696820 | 701025 | 698994 | 698946 | 0.30 | cps |
| Calcium | 44-1 | 10916625 | 11193202 | 11209992 | 11106606 | 1.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1388883 | 1405996 | 1423945 | 1406275 | 1.25 | cps |
| Cobalt | 59-2 | 1998336 | 2053168 | 1998633 | 2016713 | 1.57 | cps |
| Copper | 63-2 | 15678986 | 15871818 | 15863802 | 15804869 | 0.69 | cps |
| Dysprosium | 156-1 | 107 | 87 | 97 | 97 | 10.34 | cps |
| Dysprosium | 156-2 | 210 | 220 | 240 | 223 | 6.84 | cps |
| Erbium | 164-1 | 123 | 100 | 140 | 121 | 16.59 | cps |
| Erbium | 164-2 | 93 | 83 | 77 | 84 | 9.93 | cps |
| Gadolinium | 160-1 | 80 | 67 | 70 | 72 | 9.61 | cps |
| Gadolinium | 160-2 | 330 | 243 | 297 | 290 | 15.07 | cps |
| Holmium | 165-1 | 4610444 | 4486630 | 4657891 | 4584988 | 1.93 | cps |
| Holmium | 165-2 | 3578316 | 3565029 | 3692084 | 3611809 | 1.93 | cps |
| Indium | 115-1 | 3670451 | 3594417 | 3608616 | 3624495 | 1.12 | cps |
| Indium | 115-2 | 1438514 | 1445609 | 1446317 | 1443480 | 0.30 | cps |
| Iron | 56-2 | 61357542 | 64439877 | 62993432 | 62930284 | 2.45 | cps |
| Iron | 57-2 | 1539605 | 1575518 | 1563620 | 1559581 | 1.17 | cps |
| Iron | 54-2 | 3421799 | 3495095 | 3448194 | 3455029 | 1.07 | cps |
| Krypton | 83-1 | 383 | 360 | 387 | 377 | 3.86 | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:17:52 | DataFile Name : | 061LCSS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9240103 | 9515357 | 9365270 | 9373577 | 1.47 | cps |
| Lead | 207-1 | 7974684 | 7736282 | 7829133 | 7846700 | 1.53 | cps |
| Lead | 208-1 | 36443864 | 36764429 | 36197251 | 36468515 | 0.78 | cps |
| Lithium | 6-1 | 639985 | 645376 | 640240 | 641867 | 0.47 | cps |
| Magnesium | 24-2 | 13599040 | 13454127 | 13746959 | 13600042 | 1.08 | cps |
| Manganese | 55-2 | 10977325 | 11020475 | 10994149 | 10997317 | 0.20 | cps |
| Molybdenum | 94-1 | 8589068 | 8815596 | 8765874 | 8723513 | 1.36 | cps |
| Molybdenum | 95-1 | 12334622 | 12793722 | 12460711 | 12529685 | 1.89 | cps |
| Molybdenum | 96-1 | 13411197 | 13726324 | 13450651 | 13529390 | 1.27 | cps |
| Molybdenum | 97-1 | 7663895 | 7862612 | 7564963 | 7697157 | 1.97 | cps |
| Molybdenum | 98-1 | 19999060 | 20587397 | 19925929 | 20170796 | 1.80 | cps |
| Neodymium | 150-1 | 90 | 127 | 130 | 116 | 19.21 | cps |
| Neodymium | 150-2 | 53 | 70 | 50 | 58 | 18.55 | cps |
| Nickel | 60-2 | 541735 | 550023 | 546321 | 546026 | 0.76 | cps |
| Phosphorus | 31-2 | 89339 | 91763 | 90412 | 90505 | 1.34 | cps |
| Potassium | 39-2 | 7094954 | 7183657 | 7088138 | 7122250 | 0.75 | cps |
| Rhodium | 103-1 | 3735102 | 3684748 | 3662940 | 3694263 | 1.00 | cps |
| Rhodium | 103-2 | 2424859 | 2499619 | 2439913 | 2454797 | 1.61 | cps |
| Scandium | 45-1 | 2263471 | 2331705 | 2311455 | 2302211 | 1.52 | cps |
| Scandium | 45-2 | 242863 | 244426 | 245431 | 244240 | 0.53 | cps |
| Selenium | 82-1 | 58466 | 58580 | 59410 | 58819 | 0.88 | cps |
| Selenium | 77-2 | 7172 | 6982 | 6998 | 7051 | 1.49 | cps |
| Selenium | 78-2 | 23412 | 23889 | 23873 | 23725 | 1.14 | cps |
| Silicon | 28-1 | 24123136 | 24093044 | 24166701 | 24127627 | 0.15 | cps |
| Silver | 107-1 | 3380748 | 3380048 | 3369767 | 3376854 | 0.18 | cps |
| Silver | 109-1 | 3194471 | 3190406 | 3250115 | 3211664 | 1.04 | cps |
| Sodium | 23-2 | 21766865 | 21495385 | 21589722 | 21617324 | 0.64 | cps |
| Strontium | 86-1 | 765952 | 779723 | 767852 | 771176 | 0.97 | cps |
| Strontium | 88-1 | 7039259 | 6910243 | 7035351 | 6994951 | 1.05 | cps |
| Sulfur | 34-1 | 395721 | 389929 | 388436 | 391362 | 0.98 | cps |
| Terbium | 159-1 | 4664789 | 4548240 | 4722922 | 4645317 | 1.91 | cps |
| Terbium | 159-2 | 3453916 | 3443983 | 3531296 | 3476399 | 1.38 | cps |
| Thallium | 203-1 | 2265772 | 2271310 | 2307768 | 2281616 | 1.00 | cps |
| Thallium | 205-1 | 5391407 | 5598547 | 5529270 | 5506408 | 1.91 | cps |
| Tin | 118-1 | 1987505 | 1993184 | 2025654 | 2002115 | 1.03 | cps |
| Titanium | 47-1 | 3245237 | 3286452 | 3265724 | 3265804 | 0.63 | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170139BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170139BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:17:52 | DataFile Name : | 061LCSS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6562474 | 6860908 | 6820284 | 6747889 | 2.40 | cps |
| Vanadium | 51-2 | 1081687 | 1088550 | 1083869 | 1084702 | 0.32 | cps |
| Yttrium | 89-1 | 6537836 | 6591437 | 6667877 | 6599050 | 0.99 | cps |
| Yttrium | 89-2 | 1961473 | 1974857 | 2022576 | 1986302 | 1.62 | cps |
| Zinc | 66-2 | 3087017 | 3067181 | 3073150 | 3075783 | 0.33 | cps |
| Zirconium | 90-1 | 4249831 | 4258445 | 4312251 | 4273509 | 0.79 | cps |
| Zirconium | 91-1 | 944152 | 949581 | 945095 | 946276 | 0.31 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:20:47 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 503 | 510 | 517 | 510 | 1.31 | cps |
| Antimony | 121-1 | 670 | 813 | 790 | 758 | 10.15 | cps |
| Arsenic | 75-2 | 18 | 18 | 11 | 16 | 24.57 | cps |
| Barium | 135-1 | 70 | 40 | 37 | 49 | 37.55 | cps |
| Barium | 137-1 | 97 | 50 | 70 | 72 | 32.42 | cps |
| Beryllium | 9-1 | 7 | 17 | 10 | 11 | 45.82 | cps |
| Bismuth | 209-1 | 3025253 | 2994930 | 2884148 | 2968110 | 2.50 | cps |
| Bismuth | 209-2 | 2629159 | 2621958 | 2639669 | 2630262 | 0.34 | cps |
| Bromine | 81-1 | 8733 | 8739 | 8933 | 8802 | 1.29 | cps |
| Bromine | 81-2 | 373 | 357 | 373 | 368 | 2.62 | cps |
| Cadmium | 108-1 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Cadmium | 106-1 | 1533 | 1770 | 1740 | 1681 | 7.67 | cps |
| Cadmium | 111-1 | 1129 | 1280 | 1296 | 1235 | 7.47 | cps |
| Calcium | 43-1 | 217 | 167 | 157 | 180 | 17.86 | cps |
| Calcium | 44-1 | 18101 | 18689 | 17954 | 18248 | 2.13 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1523 | 1530 | 1653 | 1569 | 4.67 | cps |
| Cobalt | 59-2 | 97 | 133 | 53 | 94 | 42.41 | cps |
| Copper | 63-2 | 1243 | 1227 | 1277 | 1249 | 2.04 | cps |
| Dysprosium | 156-1 | 3 | 3 | 3 | 3 | 0.00 | cps |
| Dysprosium | 156-2 | 0 | 3 | 0 | 1 | 173.21 | cps |
| Erbium | 164-1 | 13 | 33 | 10 | 19 | 66.81 | cps |
| Erbium | 164-2 | 17 | 20 | 30 | 22 | 31.22 | cps |
| Gadolinium | 160-1 | 23 | 33 | 13 | 23 | 42.86 | cps |
| Gadolinium | 160-2 | 310 | 267 | 277 | 284 | 7.98 | cps |
| Holmium | 165-1 | 4614752 | 4592372 | 4621862 | 4609662 | 0.33 | cps |
| Holmium | 165-2 | 3573588 | 3617471 | 3553477 | 3581512 | 0.91 | cps |
| Indium | 115-1 | 3742162 | 3783142 | 3776306 | 3767204 | 0.58 | cps |
| Indium | 115-2 | 1471388 | 1478774 | 1478104 | 1476088 | 0.28 | cps |
| Iron | 56-2 | 24894 | 25168 | 25582 | 25215 | 1.37 | cps |
| Iron | 57-2 | 1630 | 1480 | 1583 | 1564 | 4.91 | cps |
| Iron | 54-2 | 2304 | 2397 | 2504 | 2401 | 4.17 | cps |
| Krypton | 83-1 | 357 | 397 | 393 | 382 | 5.81 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:20:47 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 573 | 357 | 380 | 437 | 27.24 | cps |
| Lead | 207-1 | 400 | 417 | 410 | 409 | 2.05 | cps |
| Lead | 208-1 | 1987 | 1673 | 1620 | 1760 | 11.26 | cps |
| Lithium | 6-1 | 633610 | 639566 | 648649 | 640608 | 1.18 | cps |
| Magnesium | 24-2 | 310 | 283 | 267 | 287 | 7.63 | cps |
| Manganese | 55-2 | 673 | 847 | 713 | 744 | 12.19 | cps |
| Molybdenum | 94-1 | 523 | 510 | 453 | 496 | 7.50 | cps |
| Molybdenum | 95-1 | 557 | 570 | 520 | 549 | 4.72 | cps |
| Molybdenum | 96-1 | 640 | 567 | 573 | 593 | 6.83 | cps |
| Molybdenum | 97-1 | 373 | 373 | 293 | 347 | 13.32 | cps |
| Molybdenum | 98-1 | 983 | 937 | 893 | 938 | 4.80 | cps |
| Neodymium | 150-1 | 3 | 3 | 7 | 4 | 43.40 | cps |
| Neodymium | 150-2 | 0 | 7 | 3 | 3 | 100.05 | cps |
| Nickel | 60-2 | 337 | 427 | 407 | 390 | 12.12 | cps |
| Phosphorus | 31-2 | 540 | 537 | 553 | 543 | 1.62 | cps |
| Potassium | 39-2 | 58850 | 58535 | 58950 | 58778 | 0.37 | cps |
| Rhodium | 103-1 | 3737296 | 3725032 | 3807160 | 3756496 | 1.18 | cps |
| Rhodium | 103-2 | 2538954 | 2482635 | 2471301 | 2497630 | 1.45 | cps |
| Scandium | 45-1 | 2328538 | 2333023 | 2281423 | 2314328 | 1.24 | cps |
| Scandium | 45-2 | 242496 | 245297 | 245382 | 244391 | 0.67 | cps |
| Selenium | 82-1 | 238 | 231 | 205 | 225 | 7.66 | cps |
| Selenium | 77-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Selenium | 78-2 | 337 | 347 | 343 | 342 | 1.49 | cps |
| Silicon | 28-1 | 636054 | 639192 | 651155 | 642134 | 1.24 | cps |
| Silver | 107-1 | 367 | 293 | 297 | 319 | 12.99 | cps |
| Silver | 109-1 | 250 | 303 | 210 | 254 | 18.40 | cps |
| Sodium | 23-2 | 30403 | 29278 | 29749 | 29810 | 1.90 | cps |
| Strontium | 86-1 | 603 | 640 | 500 | 581 | 12.49 | cps |
| Strontium | 88-1 | 187 | 173 | 150 | 170 | 10.92 | cps |
| Sulfur | 34-1 | 155549 | 156966 | 157257 | 156591 | 0.58 | cps |
| Terbium | 159-1 | 4604233 | 4697667 | 4602862 | 4634921 | 1.17 | cps |
| Terbium | 159-2 | 3484241 | 3462742 | 3515449 | 3487477 | 0.76 | cps |
| Thallium | 203-1 | 347 | 400 | 377 | 374 | 7.14 | cps |
| Thallium | 205-1 | 943 | 780 | 967 | 897 | 11.34 | cps |
| Tin | 118-1 | 1207 | 1357 | 1247 | 1270 | 6.12 | cps |
| Titanium | 47-1 | 83 | 60 | 100 | 81 | 24.77 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:20:47 | DataFile Name : | 062CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 97 | 53 | 93 | 81 | 29.73 | cps |
| Vanadium | 51-2 | 0 | 20 | 3 | 8 | 137.80 | cps |
| Yttrium | 89-1 | 6596213 | 6677739 | 6669539 | 6647831 | 0.68 | cps |
| Yttrium | 89-2 | 2027969 | 1975229 | 2005105 | 2002768 | 1.32 | cps |
| Zinc | 66-2 | 1413 | 1577 | 1427 | 1472 | 6.16 | cps |
| Zirconium | 90-1 | 540 | 570 | 537 | 549 | 3.35 | cps |
| Zirconium | 91-1 | 110 | 63 | 113 | 96 | 29.26 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:24:11 | DataFile Name : | 063LCSS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1593304 | 1624731 | 1548503 | 1588846 | 2.41 | cps |
| Antimony | 121-1 | 2419121 | 2465699 | 2390376 | 2425066 | 1.57 | cps |
| Arsenic | 75-2 | 195451 | 195391 | 195974 | 195605 | 0.16 | cps |
| Barium | 135-1 | 2805335 | 2748973 | 2856575 | 2803628 | 1.92 | cps |
| Barium | 137-1 | 4742669 | 4780421 | 4842053 | 4788381 | 1.05 | cps |
| Beryllium | 9-1 | 448681 | 448155 | 460466 | 452434 | 1.54 | cps |
| Bismuth | 209-1 | 2960091 | 2962234 | 2967084 | 2963136 | 0.12 | cps |
| Bismuth | 209-2 | 2650016 | 2620335 | 2665785 | 2645379 | 0.87 | cps |
| Bromine | 81-1 | 8823 | 9060 | 8549 | 8811 | 2.90 | cps |
| Bromine | 81-2 | 303 | 310 | 297 | 303 | 2.20 | cps |
| Cadmium | 108-1 | 49598 | 49762 | 50063 | 49807 | 0.47 | cps |
| Cadmium | 106-1 | 70547 | 69342 | 70195 | 70028 | 0.89 | cps |
| Cadmium | 111-1 | 691987 | 697211 | 700807 | 696668 | 0.64 | cps |
| Calcium | 43-1 | 702223 | 703756 | 702060 | 702680 | 0.13 | cps |
| Calcium | 44-1 | 11035644 | 10855434 | 11340857 | 11077312 | 2.22 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1520072 | 1531652 | 1515375 | 1522366 | 0.55 | cps |
| Cobalt | 59-2 | 2065804 | 2031603 | 1963184 | 2020197 | 2.59 | cps |
| Copper | 63-2 | 15718138 | 15861328 | 15869344 | 15816270 | 0.54 | cps |
| Dysprosium | 156-1 | 73 | 110 | 110 | 98 | 21.65 | cps |
| Dysprosium | 156-2 | 313 | 307 | 313 | 311 | 1.24 | cps |
| Erbium | 164-1 | 133 | 107 | 110 | 117 | 12.46 | cps |
| Erbium | 164-2 | 77 | 103 | 100 | 93 | 15.57 | cps |
| Gadolinium | 160-1 | 90 | 80 | 73 | 81 | 10.34 | cps |
| Gadolinium | 160-2 | 253 | 363 | 250 | 289 | 22.32 | cps |
| Holmium | 165-1 | 4790017 | 4786433 | 4664220 | 4746890 | 1.51 | cps |
| Holmium | 165-2 | 3630586 | 3681408 | 3601344 | 3637780 | 1.11 | cps |
| Indium | 115-1 | 3721036 | 3720667 | 3727485 | 3723063 | 0.10 | cps |
| Indium | 115-2 | 1459527 | 1454984 | 1453909 | 1456140 | 0.20 | cps |
| Iron | 56-2 | 63086589 | 62948141 | 61954804 | 62663178 | 0.99 | cps |
| Iron | 57-2 | 1557845 | 1575071 | 1571738 | 1568218 | 0.58 | cps |
| Iron | 54-2 | 3510628 | 3544842 | 3498199 | 3517890 | 0.69 | cps |
| Krypton | 83-1 | 363 | 363 | 373 | 367 | 1.57 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:24:11 | DataFile Name : | 063LCSS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9404458 | 9607227 | 9675722 | 9562469 | 1.48 | cps |
| Lead | 207-1 | 7884352 | 8199067 | 8203915 | 8095778 | 2.26 | cps |
| Lead | 208-1 | 36445631 | 37426454 | 37684393 | 37185493 | 1.76 | cps |
| Lithium | 6-1 | 661104 | 656662 | 671395 | 663053 | 1.14 | cps |
| Magnesium | 24-2 | 13959617 | 13936558 | 13660162 | 13852113 | 1.20 | cps |
| Manganese | 55-2 | 10998359 | 10824211 | 10806475 | 10876348 | 0.97 | cps |
| Molybdenum | 94-1 | 8705997 | 8778639 | 8594439 | 8693025 | 1.07 | cps |
| Molybdenum | 95-1 | 12215336 | 12416867 | 12722311 | 12451505 | 2.05 | cps |
| Molybdenum | 96-1 | 13514363 | 13156417 | 13645954 | 13438911 | 1.89 | cps |
| Molybdenum | 97-1 | 7606404 | 7790907 | 7540887 | 7646066 | 1.70 | cps |
| Molybdenum | 98-1 | 19873225 | 20751145 | 19817661 | 20147344 | 2.60 | cps |
| Neodymium | 150-1 | 190 | 113 | 127 | 143 | 28.58 | cps |
| Neodymium | 150-2 | 50 | 57 | 37 | 48 | 21.31 | cps |
| Nickel | 60-2 | 575009 | 574995 | 574040 | 574681 | 0.10 | cps |
| Phosphorus | 31-2 | 89859 | 91750 | 88454 | 90021 | 1.84 | cps |
| Potassium | 39-2 | 7079784 | 7037970 | 7281496 | 7133083 | 1.83 | cps |
| Rhodium | 103-1 | 3721610 | 3710645 | 3652764 | 3695006 | 1.00 | cps |
| Rhodium | 103-2 | 2516269 | 2529568 | 2505180 | 2517006 | 0.49 | cps |
| Scandium | 45-1 | 2416014 | 2299039 | 2357771 | 2357608 | 2.48 | cps |
| Scandium | 45-2 | 248443 | 248518 | 247726 | 248229 | 0.18 | cps |
| Selenium | 82-1 | 58314 | 58750 | 59075 | 58713 | 0.65 | cps |
| Selenium | 77-2 | 7078 | 6935 | 6752 | 6922 | 2.37 | cps |
| Selenium | 78-2 | 23766 | 23432 | 23983 | 23727 | 1.17 | cps |
| Silicon | 28-1 | 24465405 | 24765322 | 24910040 | 24713589 | 0.92 | cps |
| Silver | 107-1 | 2652702 | 2751516 | 2679511 | 2694576 | 1.90 | cps |
| Silver | 109-1 | 2528519 | 2544641 | 2573617 | 2548926 | 0.90 | cps |
| Sodium | 23-2 | 21880074 | 21928598 | 20904971 | 21571214 | 2.68 | cps |
| Strontium | 86-1 | 769190 | 770107 | 771234 | 770177 | 0.13 | cps |
| Strontium | 88-1 | 6874059 | 6782317 | 6939398 | 6865258 | 1.15 | cps |
| Sulfur | 34-1 | 391705 | 389113 | 387334 | 389384 | 0.56 | cps |
| Terbium | 159-1 | 4721965 | 4732761 | 4762748 | 4739158 | 0.45 | cps |
| Terbium | 159-2 | 3509140 | 3497028 | 3432867 | 3479679 | 1.18 | cps |
| Thallium | 203-1 | 2289474 | 2319541 | 2358933 | 2322649 | 1.50 | cps |
| Thallium | 205-1 | 5413347 | 5630755 | 5623148 | 5555750 | 2.22 | cps |
| Tin | 118-1 | 1950855 | 2043272 | 1991334 | 1995154 | 2.32 | cps |
| Titanium | 47-1 | 3309801 | 3283391 | 3308965 | 3300719 | 0.45 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170158BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170158BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:24:11 | DataFile Name : | 063LCSS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6855728 | 6829371 | 6866439 | 6850512 | 0.28 | cps |
| Vanadium | 51-2 | 1092802 | 1090834 | 1087102 | 1090246 | 0.27 | cps |
| Yttrium | 89-1 | 6803102 | 6716962 | 6748083 | 6756049 | 0.65 | cps |
| Yttrium | 89-2 | 1979699 | 2007200 | 2034158 | 2007019 | 1.36 | cps |
| Zinc | 66-2 | 3089408 | 3100711 | 3103705 | 3097941 | 0.24 | cps |
| Zirconium | 90-1 | 4267124 | 4375748 | 4314613 | 4319161 | 1.26 | cps |
| Zirconium | 91-1 | 938108 | 943364 | 937114 | 939529 | 0.36 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:27:02 | DataFile Name : | 064CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 513 | 523 | 393 | 477 | 15.18 | cps |
| Antimony | 121-1 | 623 | 747 | 833 | 734 | 14.37 | cps |
| Arsenic | 75-2 | 8 | 5 | 8 | 7 | 29.38 | cps |
| Barium | 135-1 | 43 | 27 | 30 | 33 | 26.45 | cps |
| Barium | 137-1 | 77 | 67 | 67 | 70 | 8.25 | cps |
| Beryllium | 9-1 | 40 | 30 | 30 | 33 | 17.32 | cps |
| Bismuth | 209-1 | 2923774 | 2846041 | 2906916 | 2892244 | 1.41 | cps |
| Bismuth | 209-2 | 2634734 | 2681376 | 2674987 | 2663699 | 0.95 | cps |
| Bromine | 81-1 | 8629 | 8863 | 8633 | 8708 | 1.54 | cps |
| Bromine | 81-2 | 287 | 333 | 303 | 308 | 7.68 | cps |
| Cadmium | 108-1 | 13 | 13 | 10 | 12 | 15.73 | cps |
| Cadmium | 106-1 | 1803 | 1707 | 1540 | 1683 | 7.91 | cps |
| Cadmium | 111-1 | 1280 | 1232 | 1101 | 1204 | 7.68 | cps |
| Calcium | 43-1 | 113 | 160 | 157 | 143 | 18.17 | cps |
| Calcium | 44-1 | 17681 | 17724 | 17831 | 17745 | 0.44 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1663 | 1540 | 1530 | 1578 | 4.71 | cps |
| Cobalt | 59-2 | 100 | 80 | 70 | 83 | 18.33 | cps |
| Copper | 63-2 | 1430 | 1173 | 1290 | 1298 | 9.90 | cps |
| Dysprosium | 156-1 | 0 | 13 | 10 | 8 | 89.21 | cps |
| Dysprosium | 156-2 | 7 | 0 | 0 | 2 | 173.21 | cps |
| Erbium | 164-1 | 17 | 20 | 17 | 18 | 10.81 | cps |
| Erbium | 164-2 | 13 | 13 | 13 | 13 | 0.00 | cps |
| Gadolinium | 160-1 | 33 | 27 | 20 | 27 | 24.99 | cps |
| Gadolinium | 160-2 | 287 | 257 | 277 | 273 | 5.59 | cps |
| Holmium | 165-1 | 4525480 | 4532190 | 4589722 | 4549131 | 0.78 | cps |
| Holmium | 165-2 | 3557384 | 3623209 | 3588133 | 3589576 | 0.92 | cps |
| Indium | 115-1 | 3725769 | 3692715 | 3703510 | 3707331 | 0.45 | cps |
| Indium | 115-2 | 1472518 | 1469580 | 1461920 | 1468006 | 0.37 | cps |
| Iron | 56-2 | 24109 | 24089 | 23819 | 24006 | 0.68 | cps |
| Iron | 57-2 | 1443 | 1450 | 1493 | 1462 | 1.86 | cps |
| Iron | 54-2 | 2297 | 2424 | 2367 | 2362 | 2.69 | cps |
| Krypton | 83-1 | 383 | 380 | 317 | 360 | 10.44 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:27:02 | DataFile Name : | 064CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 510 | 453 | 387 | 450 | 13.72 | cps |
| Lead | 207-1 | 413 | 393 | 320 | 376 | 13.08 | cps |
| Lead | 208-1 | 1953 | 1737 | 1700 | 1797 | 7.62 | cps |
| Lithium | 6-1 | 649850 | 648553 | 649878 | 649427 | 0.12 | cps |
| Magnesium | 24-2 | 240 | 267 | 313 | 273 | 13.58 | cps |
| Manganese | 55-2 | 667 | 600 | 660 | 642 | 5.72 | cps |
| Molybdenum | 94-1 | 500 | 540 | 453 | 498 | 8.71 | cps |
| Molybdenum | 95-1 | 520 | 497 | 530 | 516 | 3.32 | cps |
| Molybdenum | 96-1 | 673 | 617 | 600 | 630 | 6.10 | cps |
| Molybdenum | 97-1 | 417 | 290 | 300 | 336 | 20.99 | cps |
| Molybdenum | 98-1 | 930 | 780 | 867 | 859 | 8.77 | cps |
| Neodymium | 150-1 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Neodymium | 150-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Nickel | 60-2 | 397 | 433 | 420 | 417 | 4.45 | cps |
| Phosphorus | 31-2 | 493 | 483 | 490 | 489 | 1.04 | cps |
| Potassium | 39-2 | 58415 | 58957 | 59010 | 58794 | 0.56 | cps |
| Rhodium | 103-1 | 3738699 | 3752858 | 3729102 | 3740220 | 0.32 | cps |
| Rhodium | 103-2 | 2555745 | 2504391 | 2521006 | 2527047 | 1.04 | cps |
| Scandium | 45-1 | 2341277 | 2345663 | 2296306 | 2327749 | 1.17 | cps |
| Scandium | 45-2 | 243748 | 243272 | 242103 | 243041 | 0.35 | cps |
| Selenium | 82-1 | 259 | 199 | 283 | 247 | 17.55 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 317 | 290 | 307 | 304 | 4.42 | cps |
| Silicon | 28-1 | 646816 | 633715 | 630028 | 636853 | 1.39 | cps |
| Silver | 107-1 | 300 | 293 | 213 | 269 | 17.94 | cps |
| Silver | 109-1 | 300 | 237 | 163 | 233 | 29.31 | cps |
| Sodium | 23-2 | 30286 | 29358 | 29765 | 29803 | 1.56 | cps |
| Strontium | 86-1 | 613 | 557 | 573 | 581 | 5.01 | cps |
| Strontium | 88-1 | 140 | 140 | 167 | 149 | 10.34 | cps |
| Sulfur | 34-1 | 156222 | 155744 | 154387 | 155451 | 0.61 | cps |
| Terbium | 159-1 | 4591164 | 4576743 | 4610955 | 4592954 | 0.37 | cps |
| Terbium | 159-2 | 3441805 | 3418353 | 3493611 | 3451256 | 1.12 | cps |
| Thallium | 203-1 | 317 | 323 | 353 | 331 | 5.90 | cps |
| Thallium | 205-1 | 837 | 873 | 807 | 839 | 3.98 | cps |
| Tin | 118-1 | 1097 | 1167 | 1283 | 1182 | 7.98 | cps |
| Titanium | 47-1 | 87 | 100 | 83 | 90 | 9.80 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BL | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BL | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:27:02 | DataFile Name : | 064CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 73 | 100 | 83 | 86 | 15.75 | cps |
| Vanadium | 51-2 | 20 | 33 | 13 | 22 | 45.83 | cps |
| Yttrium | 89-1 | 6620356 | 6569510 | 6635794 | 6608554 | 0.52 | cps |
| Yttrium | 89-2 | 2014373 | 2010493 | 2027753 | 2017540 | 0.45 | cps |
| Zinc | 66-2 | 1353 | 1300 | 1397 | 1350 | 3.59 | cps |
| Zirconium | 90-1 | 463 | 423 | 557 | 481 | 14.22 | cps |
| Zirconium | 91-1 | 87 | 107 | 107 | 100 | 11.55 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:30:27 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1579266 | 1611055 | 1576430 | 1588917 | 1.21 | cps |
| Antimony | 121-1 | 2403592 | 2410047 | 2412392 | 2408677 | 0.19 | cps |
| Arsenic | 75-2 | 198841 | 198880 | 197565 | 198429 | 0.38 | cps |
| Barium | 135-1 | 2732833 | 2837275 | 2801853 | 2790653 | 1.90 | cps |
| Barium | 137-1 | 4726528 | 4846346 | 4919235 | 4830703 | 2.01 | cps |
| Beryllium | 9-1 | 452035 | 456784 | 462025 | 456948 | 1.09 | cps |
| Bismuth | 209-1 | 2925314 | 2944253 | 2872555 | 2914041 | 1.28 | cps |
| Bismuth | 209-2 | 2669077 | 2652822 | 2591718 | 2637872 | 1.55 | cps |
| Bromine | 81-1 | 8202 | 8179 | 8266 | 8216 | 0.55 | cps |
| Bromine | 81-2 | 277 | 247 | 277 | 267 | 6.50 | cps |
| Cadmium | 108-1 | 49056 | 50518 | 50294 | 49956 | 1.58 | cps |
| Cadmium | 106-1 | 68749 | 70725 | 71214 | 70229 | 1.86 | cps |
| Cadmium | 111-1 | 694542 | 697807 | 705014 | 699121 | 0.77 | cps |
| Calcium | 43-1 | 707307 | 711098 | 711824 | 710077 | 0.34 | cps |
| Calcium | 44-1 | 10900672 | 11042709 | 11413152 | 11118844 | 2.38 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1434950 | 1411666 | 1421028 | 1422548 | 0.82 | cps |
| Cobalt | 59-2 | 2059139 | 2030572 | 2041312 | 2043674 | 0.71 | cps |
| Copper | 63-2 | 15886576 | 15782903 | 16108157 | 15925878 | 1.04 | cps |
| Dysprosium | 156-1 | 77 | 87 | 103 | 89 | 15.15 | cps |
| Dysprosium | 156-2 | 250 | 267 | 213 | 243 | 11.21 | cps |
| Erbium | 164-1 | 73 | 147 | 93 | 104 | 36.30 | cps |
| Erbium | 164-2 | 73 | 70 | 97 | 80 | 18.17 | cps |
| Gadolinium | 160-1 | 90 | 67 | 60 | 72 | 21.81 | cps |
| Gadolinium | 160-2 | 357 | 323 | 327 | 336 | 5.47 | cps |
| Holmium | 165-1 | 4742550 | 4650495 | 4739634 | 4710893 | 1.11 | cps |
| Holmium | 165-2 | 3801162 | 3676643 | 3668064 | 3715290 | 2.00 | cps |
| Indium | 115-1 | 3682339 | 3595108 | 3642288 | 3639912 | 1.20 | cps |
| Indium | 115-2 | 1457887 | 1458645 | 1446437 | 1454323 | 0.47 | cps |
| Iron | 56-2 | 63938622 | 63895446 | 63393697 | 63742588 | 0.48 | cps |
| Iron | 57-2 | 1572546 | 1549274 | 1547868 | 1556563 | 0.89 | cps |
| Iron | 54-2 | 3509745 | 3480293 | 3485633 | 3491891 | 0.45 | cps |
| Krypton | 83-1 | 337 | 327 | 350 | 338 | 3.47 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:30:27 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9348433 | 9464597 | 9719004 | 9510678 | 1.99 | cps |
| Lead | 207-1 | 8044427 | 8064597 | 8215396 | 8108140 | 1.15 | cps |
| Lead | 208-1 | 36930843 | 37300027 | 37589403 | 37273424 | 0.89 | cps |
| Lithium | 6-1 | 656580 | 655854 | 657277 | 656570 | 0.11 | cps |
| Magnesium | 24-2 | 13941113 | 13924287 | 13612170 | 13825857 | 1.34 | cps |
| Manganese | 55-2 | 11110985 | 11184841 | 11105429 | 11133751 | 0.40 | cps |
| Molybdenum | 94-1 | 8801362 | 8828476 | 8963394 | 8864411 | 0.98 | cps |
| Molybdenum | 95-1 | 12677845 | 12573015 | 12589962 | 12613607 | 0.45 | cps |
| Molybdenum | 96-1 | 13417877 | 13855584 | 13584442 | 13619301 | 1.62 | cps |
| Molybdenum | 97-1 | 7783719 | 7739391 | 7602957 | 7708689 | 1.22 | cps |
| Molybdenum | 98-1 | 20283861 | 20567446 | 20311372 | 20387560 | 0.77 | cps |
| Neodymium | 150-1 | 117 | 103 | 153 | 124 | 20.81 | cps |
| Neodymium | 150-2 | 57 | 77 | 50 | 61 | 22.71 | cps |
| Nickel | 60-2 | 555761 | 554532 | 558706 | 556333 | 0.39 | cps |
| Phosphorus | 31-2 | 91729 | 89942 | 90341 | 90671 | 1.03 | cps |
| Potassium | 39-2 | 7330747 | 7198733 | 7232313 | 7253931 | 0.95 | cps |
| Rhodium | 103-1 | 3718207 | 3711153 | 3721610 | 3716990 | 0.14 | cps |
| Rhodium | 103-2 | 2486074 | 2440931 | 2475056 | 2467353 | 0.95 | cps |
| Scandium | 45-1 | 2307391 | 2288080 | 2304855 | 2300108 | 0.46 | cps |
| Scandium | 45-2 | 246735 | 248153 | 245206 | 246698 | 0.60 | cps |
| Selenium | 82-1 | 57961 | 59086 | 58638 | 58562 | 0.97 | cps |
| Selenium | 77-2 | 7262 | 7142 | 7218 | 7207 | 0.84 | cps |
| Selenium | 78-2 | 24146 | 23853 | 24163 | 24054 | 0.73 | cps |
| Silicon | 28-1 | 24504430 | 24369763 | 24404454 | 24426216 | 0.29 | cps |
| Silver | 107-1 | 3109495 | 3145516 | 3138035 | 3131016 | 0.61 | cps |
| Silver | 109-1 | 2862607 | 3114822 | 2916551 | 2964660 | 4.48 | cps |
| Sodium | 23-2 | 21897779 | 22039491 | 21490931 | 21809400 | 1.31 | cps |
| Strontium | 86-1 | 775212 | 777479 | 782788 | 778493 | 0.50 | cps |
| Strontium | 88-1 | 6950973 | 6984070 | 7023994 | 6986346 | 0.52 | cps |
| Sulfur | 34-1 | 388050 | 392696 | 383836 | 388194 | 1.14 | cps |
| Terbium | 159-1 | 4660977 | 4615781 | 4708652 | 4661803 | 1.00 | cps |
| Terbium | 159-2 | 3487452 | 3519636 | 3544647 | 3517245 | 0.82 | cps |
| Thallium | 203-1 | 2277932 | 2339848 | 2368386 | 2328722 | 1.99 | cps |
| Thallium | 205-1 | 5591150 | 5622457 | 5600454 | 5604687 | 0.29 | cps |
| Tin | 118-1 | 1987102 | 2031325 | 2102871 | 2040433 | 2.86 | cps |
| Titanium | 47-1 | 3316587 | 3437228 | 3323090 | 3358968 | 2.02 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | PB170186BS | Instrumnet Name : | P7 |
| Client Sample ID : | PB170186BS | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:30:27 | DataFile Name : | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6852150 | 6794009 | 6916089 | 6854083 | 0.89 | cps |
| Vanadium | 51-2 | 1103788 | 1095212 | 1101796 | 1100266 | 0.41 | cps |
| Yttrium | 89-1 | 6737209 | 6577368 | 6425906 | 6580161 | 2.37 | cps |
| Yttrium | 89-2 | 2027780 | 1991880 | 2015002 | 2011554 | 0.90 | cps |
| Zinc | 66-2 | 3120203 | 3101434 | 3157949 | 3126529 | 0.92 | cps |
| Zirconium | 90-1 | 4335891 | 4395434 | 4371666 | 4367664 | 0.69 | cps |
| Zirconium | 91-1 | 939571 | 950189 | 952151 | 947304 | 0.71 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-074099-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:33:19 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9592873 | 9382271 | 9350922 | 9442022 | 1.39 | cps |
| Antimony | 121-1 | 2230 | 2394 | 2390 | 2338 | 3.99 | cps |
| Arsenic | 75-2 | 74196 | 71812 | 72671 | 72893 | 1.66 | cps |
| Barium | 135-1 | 425637 | 431954 | 430271 | 429287 | 0.76 | cps |
| Barium | 137-1 | 739000 | 742398 | 748649 | 743349 | 0.66 | cps |
| Beryllium | 9-1 | 3690 | 3590 | 3470 | 3584 | 3.07 | cps |
| Bismuth | 209-1 | 2816321 | 2930440 | 2961901 | 2902888 | 2.64 | cps |
| Bismuth | 209-2 | 2718255 | 2670617 | 2623682 | 2670851 | 1.77 | cps |
| Bromine | 81-1 | 221226 | 289640 | 317064 | 275977 | 17.88 | cps |
| Bromine | 81-2 | 71010 | 71934 | 72095 | 71679 | 0.82 | cps |
| Cadmium | 108-1 | 520 | 470 | 463 | 484 | 6.39 | cps |
| Cadmium | 106-1 | 2687 | 2747 | 2750 | 2728 | 1.31 | cps |
| Cadmium | 111-1 | 4707 | 4871 | 4985 | 4854 | 2.87 | cps |
| Calcium | 43-1 | 308739 | 316879 | 316507 | 314041 | 1.46 | cps |
| Calcium | 44-1 | 4926692 | 4950398 | 4952478 | 4943189 | 0.29 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 739555 | 737553 | 734456 | 737188 | 0.35 | cps |
| Cobalt | 59-2 | 250013 | 247321 | 250661 | 249332 | 0.71 | cps |
| Copper | 63-2 | 1834015 | 1863413 | 1825152 | 1840860 | 1.09 | cps |
| Dysprosium | 156-1 | 84680 | 84928 | 85525 | 85045 | 0.51 | cps |
| Dysprosium | 156-2 | 84670 | 83939 | 83406 | 84005 | 0.76 | cps |
| Erbium | 164-1 | 82106 | 82777 | 83407 | 82764 | 0.79 | cps |
| Erbium | 164-2 | 63932 | 65077 | 64281 | 64430 | 0.91 | cps |
| Gadolinium | 160-1 | 88994 | 88662 | 89450 | 89035 | 0.44 | cps |
| Gadolinium | 160-2 | 73893 | 74571 | 74380 | 74281 | 0.47 | cps |
| Holmium | 165-1 | 4691023 | 4736412 | 4710372 | 4712602 | 0.48 | cps |
| Holmium | 165-2 | 3766353 | 3784768 | 3711585 | 3754235 | 1.01 | cps |
| Indium | 115-1 | 3765908 | 3646071 | 3655838 | 3689272 | 1.80 | cps |
| Indium | 115-2 | 1487546 | 1492030 | 1485480 | 1488352 | 0.22 | cps |
| Iron | 56-2 | 388999128 | 384907248 | 381232488 | 385046288 | 1.01 | cps |
| Iron | 57-2 | 9687250 | 9529465 | 9450569 | 9555761 | 1.26 | cps |
| Iron | 54-2 | 21791816 | 21501476 | 20882383 | 21391892 | 2.17 | cps |
| Krypton | 83-1 | 580 | 510 | 517 | 536 | 7.21 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-074099-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:33:19 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4313766 | 4389677 | 4409334 | 4370926 | 1.15 | cps |
| Lead | 207-1 | 3419323 | 3478299 | 3473808 | 3457143 | 0.95 | cps |
| Lead | 208-1 | 16311053 | 16471821 | 16632520 | 16471798 | 0.98 | cps |
| Lithium | 6-1 | 678678 | 682373 | 675134 | 678728 | 0.53 | cps |
| Magnesium | 24-2 | 8117236 | 8307239 | 8055945 | 8160140 | 1.61 | cps |
| Manganese | 55-2 | 6624218 | 6513403 | 6519686 | 6552436 | 0.95 | cps |
| Molybdenum | 94-1 | 131717 | 135443 | 136443 | 134535 | 1.85 | cps |
| Molybdenum | 95-1 | 11922 | 12022 | 12115 | 12020 | 0.80 | cps |
| Molybdenum | 96-1 | 35597 | 35757 | 35961 | 35772 | 0.51 | cps |
| Molybdenum | 97-1 | 7452 | 7312 | 7402 | 7389 | 0.96 | cps |
| Molybdenum | 98-1 | 19019 | 19219 | 19683 | 19307 | 1.76 | cps |
| Neodymium | 150-1 | 132055 | 133821 | 135080 | 133652 | 1.14 | cps |
| Neodymium | 150-2 | 89812 | 89364 | 88228 | 89135 | 0.92 | cps |
| Nickel | 60-2 | 166086 | 164011 | 163346 | 164481 | 0.87 | cps |
| Phosphorus | 31-2 | 45287 | 44347 | 45531 | 45055 | 1.39 | cps |
| Potassium | 39-2 | 3292256 | 3256219 | 3307170 | 3285215 | 0.80 | cps |
| Rhodium | 103-1 | 3598304 | 3675449 | 3727225 | 3666993 | 1.77 | cps |
| Rhodium | 103-2 | 2565097 | 2528726 | 2500654 | 2531492 | 1.28 | cps |
| Scandium | 45-1 | 2485593 | 2541887 | 2462162 | 2496547 | 1.64 | cps |
| Scandium | 45-2 | 273103 | 274006 | 269255 | 272121 | 0.93 | cps |
| Selenium | 82-1 | 720 | 810 | 974 | 834 | 15.40 | cps |
| Selenium | 77-2 | 473 | 427 | 450 | 450 | 5.19 | cps |
| Selenium | 78-2 | 833 | 770 | 763 | 789 | 4.90 | cps |
| Silicon | 28-1 | 6006106 | 6192474 | 6768296 | 6322292 | 6.28 | cps |
| Silver | 107-1 | 20471 | 21349 | 21623 | 21148 | 2.85 | cps |
| Silver | 109-1 | 19951 | 19900 | 20221 | 20024 | 0.86 | cps |
| Sodium | 23-2 | 2094674 | 2098105 | 2059888 | 2084223 | 1.01 | cps |
| Strontium | 86-1 | 226326 | 231720 | 230391 | 229479 | 1.22 | cps |
| Strontium | 88-1 | 2044036 | 2092799 | 2091596 | 2076144 | 1.34 | cps |
| Sulfur | 34-1 | 897529 | 901120 | 899959 | 899536 | 0.20 | cps |
| Terbium | 159-1 | 4744385 | 4664582 | 4657654 | 4688873 | 1.03 | cps |
| Terbium | 159-2 | 3558504 | 3634720 | 3633143 | 3608789 | 1.21 | cps |
| Thallium | 203-1 | 4491 | 4101 | 4331 | 4307 | 4.55 | cps |
| Thallium | 205-1 | 10137 | 10728 | 10501 | 10455 | 2.85 | cps |
| Tin | 118-1 | 377886 | 380054 | 385709 | 381216 | 1.06 | cps |
| Titanium | 47-1 | 746054 | 754525 | 752020 | 750866 | 0.58 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-074099-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:33:19 | DataFile Name : | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 72783 | 72031 | 72659 | 72491 | 0.56 | cps |
| Vanadium | 51-2 | 394016 | 389979 | 389895 | 391297 | 0.60 | cps |
| Yttrium | 89-1 | 7647138 | 7920816 | 7823819 | 7797257 | 1.78 | cps |
| Yttrium | 89-2 | 2417358 | 2432992 | 2328382 | 2392911 | 2.36 | cps |
| Zinc | 66-2 | 622687 | 615439 | 615590 | 617906 | 0.67 | cps |
| Zirconium | 90-1 | 342856 | 349937 | 355568 | 349454 | 1.82 | cps |
| Zirconium | 91-1 | 77031 | 78887 | 79078 | 78332 | 1.44 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S04-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:36:30 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 5605237 | 5539012 | 5493637 | 5545962 | 1.01 | cps |
| Antimony | 121-1 | 3344 | 3277 | 3494 | 3372 | 3.29 | cps |
| Arsenic | 75-2 | 26229 | 27101 | 26560 | 26630 | 1.65 | cps |
| Barium | 135-1 | 284979 | 289719 | 290133 | 288277 | 0.99 | cps |
| Barium | 137-1 | 494657 | 502801 | 504251 | 500570 | 1.03 | cps |
| Beryllium | 9-1 | 4041 | 4084 | 4471 | 4198 | 5.64 | cps |
| Bismuth | 209-1 | 2855157 | 2849392 | 2835781 | 2846776 | 0.35 | cps |
| Bismuth | 209-2 | 2666704 | 2624830 | 2649492 | 2647009 | 0.80 | cps |
| Bromine | 81-1 | 187008 | 233038 | 246523 | 222190 | 14.04 | cps |
| Bromine | 81-2 | 53594 | 54410 | 53898 | 53967 | 0.76 | cps |
| Cadmium | 108-1 | 713 | 643 | 717 | 691 | 5.99 | cps |
| Cadmium | 106-1 | 2880 | 2867 | 3044 | 2930 | 3.36 | cps |
| Cadmium | 111-1 | 8058 | 8362 | 7957 | 8126 | 2.59 | cps |
| Calcium | 43-1 | 920056 | 928852 | 937907 | 928938 | 0.96 | cps |
| Calcium | 44-1 | 14647899 | 14653451 | 14451223 | 14584191 | 0.79 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 729214 | 733280 | 727576 | 730023 | 0.40 | cps |
| Cobalt | 59-2 | 219131 | 219592 | 220765 | 219829 | 0.38 | cps |
| Copper | 63-2 | 1797776 | 1767274 | 1710052 | 1758367 | 2.53 | cps |
| Dysprosium | 156-1 | 49283 | 48871 | 48604 | 48919 | 0.70 | cps |
| Dysprosium | 156-2 | 49166 | 49674 | 49169 | 49336 | 0.59 | cps |
| Erbium | 164-1 | 46139 | 46537 | 46447 | 46375 | 0.45 | cps |
| Erbium | 164-2 | 37424 | 36942 | 36641 | 37002 | 1.07 | cps |
| Gadolinium | 160-1 | 51391 | 52451 | 52030 | 51957 | 1.03 | cps |
| Gadolinium | 160-2 | 43066 | 42210 | 42812 | 42696 | 1.03 | cps |
| Holmium | 165-1 | 4472618 | 4555142 | 4564940 | 4530900 | 1.12 | cps |
| Holmium | 165-2 | 3739112 | 3611771 | 3692903 | 3681262 | 1.75 | cps |
| Indium | 115-1 | 3720345 | 3711244 | 3618290 | 3683293 | 1.53 | cps |
| Indium | 115-2 | 1502302 | 1489509 | 1472067 | 1487959 | 1.02 | cps |
| Iron | 56-2 | 259640789 | 260831389 | 254981750 | 258484643 | 1.20 | cps |
| Iron | 57-2 | 6441610 | 6268289 | 6446285 | 6385394 | 1.59 | cps |
| Iron | 54-2 | 14597254 | 14427416 | 14148683 | 14391118 | 1.57 | cps |
| Krypton | 83-1 | 430 | 467 | 490 | 462 | 6.54 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S04-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:36:30 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4070639 | 4141390 | 4078953 | 4096994 | 0.94 | cps |
| Lead | 207-1 | 3286553 | 3321938 | 3304686 | 3304393 | 0.54 | cps |
| Lead | 208-1 | 15357825 | 15607783 | 15363906 | 15443171 | 0.92 | cps |
| Lithium | 6-1 | 653122 | 649803 | 648961 | 650628 | 0.34 | cps |
| Magnesium | 24-2 | 10109032 | 9978186 | 9936323 | 10007847 | 0.90 | cps |
| Manganese | 55-2 | 4922615 | 4948972 | 4895746 | 4922444 | 0.54 | cps |
| Molybdenum | 94-1 | 116661 | 118583 | 116810 | 117351 | 0.91 | cps |
| Molybdenum | 95-1 | 34664 | 34915 | 35232 | 34937 | 0.81 | cps |
| Molybdenum | 96-1 | 54274 | 53969 | 55154 | 54466 | 1.13 | cps |
| Molybdenum | 97-1 | 21382 | 21786 | 21189 | 21453 | 1.42 | cps |
| Molybdenum | 98-1 | 55726 | 57101 | 56208 | 56345 | 1.24 | cps |
| Neodymium | 150-1 | 79905 | 80938 | 81528 | 80790 | 1.02 | cps |
| Neodymium | 150-2 | 53832 | 53113 | 52812 | 53252 | 0.98 | cps |
| Nickel | 60-2 | 375536 | 373544 | 373827 | 374302 | 0.29 | cps |
| Phosphorus | 31-2 | 20814 | 20183 | 20564 | 20521 | 1.55 | cps |
| Potassium | 39-2 | 2026817 | 2049924 | 2010419 | 2029053 | 0.98 | cps |
| Rhodium | 103-1 | 3718329 | 3731663 | 3787755 | 3745916 | 0.98 | cps |
| Rhodium | 103-2 | 2500619 | 2535042 | 2485811 | 2507157 | 1.01 | cps |
| Scandium | 45-1 | 2495319 | 2416098 | 2443173 | 2451530 | 1.64 | cps |
| Scandium | 45-2 | 265087 | 261055 | 260366 | 262170 | 0.97 | cps |
| Selenium | 82-1 | 692 | 693 | 708 | 697 | 1.25 | cps |
| Selenium | 77-2 | 240 | 293 | 260 | 264 | 10.19 | cps |
| Selenium | 78-2 | 627 | 710 | 637 | 658 | 6.92 | cps |
| Silicon | 28-1 | 8297863 | 8725687 | 8373789 | 8465780 | 2.70 | cps |
| Silver | 107-1 | 49226 | 50608 | 50267 | 50034 | 1.44 | cps |
| Silver | 109-1 | 46317 | 47715 | 46712 | 46915 | 1.54 | cps |
| Sodium | 23-2 | 3646175 | 3737432 | 3619960 | 3667856 | 1.68 | cps |
| Strontium | 86-1 | 639705 | 651215 | 645898 | 645606 | 0.89 | cps |
| Strontium | 88-1 | 5681810 | 5716601 | 5807203 | 5735205 | 1.13 | cps |
| Sulfur | 34-1 | 870670 | 892883 | 900640 | 888064 | 1.75 | cps |
| Terbium | 159-1 | 4450562 | 4528862 | 4611650 | 4530358 | 1.78 | cps |
| Terbium | 159-2 | 3590988 | 3445335 | 3608921 | 3548415 | 2.53 | cps |
| Thallium | 203-1 | 3247 | 3027 | 3090 | 3122 | 3.63 | cps |
| Thallium | 205-1 | 7389 | 7679 | 7682 | 7583 | 2.22 | cps |
| Tin | 118-1 | 406838 | 404694 | 413909 | 408480 | 1.18 | cps |
| Titanium | 47-1 | 670540 | 675551 | 689702 | 678597 | 1.46 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S04-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:36:30 | DataFile Name : | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 60492 | 60105 | 59101 | 59899 | 1.20 | cps |
| Vanadium | 51-2 | 261620 | 260182 | 256448 | 259417 | 1.03 | cps |
| Yttrium | 89-1 | 7354875 | 7371846 | 7373166 | 7366629 | 0.14 | cps |
| Yttrium | 89-2 | 2278439 | 2253034 | 2212344 | 2247939 | 1.48 | cps |
| Zinc | 66-2 | 1077585 | 1068364 | 1056584 | 1067511 | 0.99 | cps |
| Zirconium | 90-1 | 260532 | 265280 | 262387 | 262733 | 0.91 | cps |
| Zirconium | 91-1 | 58225 | 58610 | 60504 | 59113 | 2.06 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:39:42 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8843093 | 8830646 | 8876253 | 8849998 | 0.27 | cps |
| Antimony | 121-1 | 8806 | 8846 | 9093 | 8915 | 1.74 | cps |
| Arsenic | 75-2 | 50745 | 50121 | 51195 | 50687 | 1.06 | cps |
| Barium | 135-1 | 1112599 | 1133546 | 1131228 | 1125791 | 1.02 | cps |
| Barium | 137-1 | 2011365 | 2038277 | 2033597 | 2027746 | 0.71 | cps |
| Beryllium | 9-1 | 6041 | 6235 | 6018 | 6098 | 1.95 | cps |
| Bismuth | 209-1 | 2985627 | 3083464 | 3045482 | 3038191 | 1.62 | cps |
| Bismuth | 209-2 | 2738963 | 2689803 | 2804271 | 2744346 | 2.09 | cps |
| Bromine | 81-1 | 467838 | 577365 | 635256 | 560153 | 15.18 | cps |
| Bromine | 81-2 | 139771 | 142399 | 142887 | 141686 | 1.18 | cps |
| Cadmium | 108-1 | 5274 | 5258 | 5251 | 5261 | 0.23 | cps |
| Cadmium | 106-1 | 9090 | 8936 | 9630 | 9219 | 3.95 | cps |
| Cadmium | 111-1 | 66434 | 67637 | 69477 | 67849 | 2.26 | cps |
| Calcium | 43-1 | 401923 | 400927 | 401776 | 401542 | 0.13 | cps |
| Calcium | 44-1 | 6347126 | 6253677 | 6234334 | 6278379 | 0.96 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 3423233 | 3362493 | 3383622 | 3389783 | 0.91 | cps |
| Cobalt | 59-2 | 289716 | 292910 | 295082 | 292569 | 0.92 | cps |
| Copper | 63-2 | 5279664 | 5351851 | 5261508 | 5297674 | 0.90 | cps |
| Dysprosium | 156-1 | 73833 | 73987 | 74845 | 74222 | 0.73 | cps |
| Dysprosium | 156-2 | 73893 | 74061 | 74104 | 74019 | 0.15 | cps |
| Erbium | 164-1 | 70832 | 72404 | 74143 | 72459 | 2.29 | cps |
| Erbium | 164-2 | 56658 | 55162 | 57099 | 56306 | 1.80 | cps |
| Gadolinium | 160-1 | 77081 | 78552 | 80168 | 78600 | 1.96 | cps |
| Gadolinium | 160-2 | 64029 | 64940 | 64304 | 64424 | 0.73 | cps |
| Holmium | 165-1 | 4860760 | 4709838 | 4755265 | 4775288 | 1.62 | cps |
| Holmium | 165-2 | 3719801 | 3703579 | 3759757 | 3727712 | 0.78 | cps |
| Indium | 115-1 | 3774625 | 3808473 | 3767976 | 3783692 | 0.57 | cps |
| Indium | 115-2 | 1485862 | 1487021 | 1495804 | 1489562 | 0.36 | cps |
| Iron | 56-2 | 368972768 | 368386581 | 374917101 | 370758817 | 0.97 | cps |
| Iron | 57-2 | 8992948 | 9146223 | 9075240 | 9071470 | 0.85 | cps |
| Iron | 54-2 | 19864283 | 20528453 | 20700953 | 20364563 | 2.17 | cps |
| Krypton | 83-1 | 447 | 467 | 477 | 463 | 3.30 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:39:42 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9281735 | 9654415 | 9389167 | 9441772 | 2.03 | cps |
| Lead | 207-1 | 7651721 | 7568860 | 7783127 | 7667903 | 1.41 | cps |
| Lead | 208-1 | 35713502 | 36813669 | 36424891 | 36317354 | 1.54 | cps |
| Lithium | 6-1 | 668721 | 672223 | 670924 | 670623 | 0.26 | cps |
| Magnesium | 24-2 | 11493108 | 11140650 | 11282271 | 11305343 | 1.57 | cps |
| Manganese | 55-2 | 3065591 | 3060995 | 3133582 | 3086723 | 1.32 | cps |
| Molybdenum | 94-1 | 188756 | 190000 | 190741 | 189832 | 0.53 | cps |
| Molybdenum | 95-1 | 53524 | 52042 | 54187 | 53251 | 2.06 | cps |
| Molybdenum | 96-1 | 84821 | 85220 | 85113 | 85051 | 0.24 | cps |
| Molybdenum | 97-1 | 33836 | 33615 | 33833 | 33761 | 0.37 | cps |
| Molybdenum | 98-1 | 84989 | 86143 | 86803 | 85978 | 1.07 | cps |
| Neodymium | 150-1 | 120584 | 122930 | 123835 | 122450 | 1.37 | cps |
| Neodymium | 150-2 | 79972 | 79094 | 80723 | 79930 | 1.02 | cps |
| Nickel | 60-2 | 470667 | 465034 | 467097 | 467599 | 0.61 | cps |
| Phosphorus | 31-2 | 58963 | 58498 | 59569 | 59010 | 0.91 | cps |
| Potassium | 39-2 | 3591417 | 3600649 | 3616872 | 3602979 | 0.36 | cps |
| Rhodium | 103-1 | 3747050 | 3768947 | 3765210 | 3760402 | 0.31 | cps |
| Rhodium | 103-2 | 2522638 | 2613784 | 2579431 | 2571951 | 1.79 | cps |
| Scandium | 45-1 | 2560904 | 2576095 | 2571134 | 2569378 | 0.30 | cps |
| Scandium | 45-2 | 274050 | 273129 | 276225 | 274468 | 0.58 | cps |
| Selenium | 82-1 | 1409 | 1475 | 1499 | 1461 | 3.19 | cps |
| Selenium | 77-2 | 467 | 493 | 473 | 478 | 2.90 | cps |
| Selenium | 78-2 | 993 | 1100 | 1047 | 1047 | 5.10 | cps |
| Silicon | 28-1 | 9420804 | 9441189 | 9993920 | 9618638 | 3.38 | cps |
| Silver | 107-1 | 200899 | 207959 | 209221 | 206027 | 2.18 | cps |
| Silver | 109-1 | 190366 | 194843 | 196913 | 194041 | 1.72 | cps |
| Sodium | 23-2 | 15938079 | 15427738 | 15658617 | 15674811 | 1.63 | cps |
| Strontium | 86-1 | 436021 | 435454 | 441193 | 437556 | 0.72 | cps |
| Strontium | 88-1 | 3977722 | 3866889 | 3973880 | 3939497 | 1.60 | cps |
| Sulfur | 34-1 | 1957971 | 2033373 | 2038530 | 2009958 | 2.24 | cps |
| Terbium | 159-1 | 4740291 | 4799195 | 4815193 | 4784893 | 0.82 | cps |
| Terbium | 159-2 | 3581976 | 3616694 | 3561002 | 3586557 | 0.78 | cps |
| Thallium | 203-1 | 6775 | 6892 | 7109 | 6925 | 2.44 | cps |
| Thallium | 205-1 | 16363 | 16877 | 16604 | 16615 | 1.55 | cps |
| Tin | 118-1 | 727706 | 740202 | 742468 | 736792 | 1.08 | cps |
| Titanium | 47-1 | 1159491 | 1152807 | 1153681 | 1155327 | 0.31 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:39:42 | DataFile Name : | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 117665 | 121559 | 117487 | 118904 | 1.94 | cps |
| Vanadium | 51-2 | 597015 | 595944 | 597683 | 596880 | 0.15 | cps |
| Yttrium | 89-1 | 7927418 | 7903780 | 7809245 | 7880148 | 0.79 | cps |
| Yttrium | 89-2 | 2421858 | 2348645 | 2362698 | 2377734 | 1.63 | cps |
| Zinc | 66-2 | 2127223 | 2118612 | 2108350 | 2118062 | 0.45 | cps |
| Zirconium | 90-1 | 432307 | 433487 | 432572 | 432789 | 0.14 | cps |
| Zirconium | 91-1 | 96452 | 96304 | 97065 | 96607 | 0.42 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-010074-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:42:45 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12645566 | 12824111 | 12562564 | 12677414 | 1.05 | cps |
| Antimony | 121-1 | 5248 | 5261 | 5301 | 5270 | 0.53 | cps |
| Arsenic | 75-2 | 133978 | 132096 | 130357 | 132143 | 1.37 | cps |
| Barium | 135-1 | 1248015 | 1261529 | 1278106 | 1262550 | 1.19 | cps |
| Barium | 137-1 | 2310029 | 2254815 | 2295018 | 2286621 | 1.25 | cps |
| Beryllium | 9-1 | 5124 | 5338 | 5478 | 5313 | 3.35 | cps |
| Bismuth | 209-1 | 3032454 | 3005086 | 3039301 | 3025614 | 0.60 | cps |
| Bismuth | 209-2 | 2764728 | 2724957 | 2766206 | 2751964 | 0.85 | cps |
| Bromine | 81-1 | 476012 | 608350 | 663271 | 582544 | 16.52 | cps |
| Bromine | 81-2 | 145761 | 147710 | 148329 | 147267 | 0.91 | cps |
| Cadmium | 108-1 | 1443 | 1473 | 1460 | 1459 | 1.03 | cps |
| Cadmium | 106-1 | 4684 | 4848 | 4811 | 4781 | 1.79 | cps |
| Cadmium | 111-1 | 20183 | 20700 | 19833 | 20239 | 2.16 | cps |
| Calcium | 43-1 | 462404 | 461060 | 462547 | 462004 | 0.18 | cps |
| Calcium | 44-1 | 7158916 | 7257146 | 7184743 | 7200268 | 0.71 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1768606 | 1804613 | 1755376 | 1776198 | 1.43 | cps |
| Cobalt | 59-2 | 320126 | 316039 | 317840 | 318002 | 0.64 | cps |
| Copper | 63-2 | 4400065 | 4374679 | 4346783 | 4373842 | 0.61 | cps |
| Dysprosium | 156-1 | 106352 | 105070 | 108253 | 106559 | 1.50 | cps |
| Dysprosium | 156-2 | 104230 | 104821 | 102857 | 103969 | 0.97 | cps |
| Erbium | 164-1 | 101563 | 104417 | 103084 | 103021 | 1.39 | cps |
| Erbium | 164-2 | 79914 | 80876 | 80628 | 80473 | 0.62 | cps |
| Gadolinium | 160-1 | 111429 | 111570 | 113359 | 112119 | 0.96 | cps |
| Gadolinium | 160-2 | 91731 | 91091 | 90809 | 91210 | 0.52 | cps |
| Holmium | 165-1 | 4687134 | 4728901 | 4865164 | 4760400 | 1.96 | cps |
| Holmium | 165-2 | 3737454 | 3802458 | 3779278 | 3773063 | 0.87 | cps |
| Indium | 115-1 | 3712593 | 3718557 | 3898607 | 3776586 | 2.80 | cps |
| Indium | 115-2 | 1495708 | 1502622 | 1472557 | 1490296 | 1.06 | cps |
| Iron | 56-2 | 531910019 | 524995766 | 525556806 | 527487530 | 0.73 | cps |
| Iron | 57-2 | 12860980 | 12956116 | 12777658 | 12864918 | 0.69 | cps |
| Iron | 54-2 | 28978893 | 29060663 | 29043474 | 29027677 | 0.15 | cps |
| Krypton | 83-1 | 500 | 603 | 633 | 579 | 12.08 | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-010074-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:42:45 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9841602 | 9786810 | 9858731 | 9829047 | 0.38 | cps |
| Lead | 207-1 | 7926622 | 7940894 | 8260877 | 8042797 | 2.35 | cps |
| Lead | 208-1 | 37421744 | 37100851 | 38273815 | 37598803 | 1.61 | cps |
| Lithium | 6-1 | 701512 | 683477 | 686507 | 690499 | 1.40 | cps |
| Magnesium | 24-2 | 12472960 | 12705125 | 12500431 | 12559505 | 1.01 | cps |
| Manganese | 55-2 | 6857719 | 6767891 | 6642883 | 6756164 | 1.60 | cps |
| Molybdenum | 94-1 | 220751 | 226746 | 224652 | 224050 | 1.36 | cps |
| Molybdenum | 95-1 | 20488 | 21746 | 21489 | 21241 | 3.13 | cps |
| Molybdenum | 96-1 | 59551 | 60635 | 60976 | 60387 | 1.23 | cps |
| Molybdenum | 97-1 | 13289 | 13233 | 13396 | 13306 | 0.62 | cps |
| Molybdenum | 98-1 | 33322 | 34300 | 34274 | 33965 | 1.64 | cps |
| Neodymium | 150-1 | 165324 | 165180 | 170009 | 166838 | 1.65 | cps |
| Neodymium | 150-2 | 109172 | 107590 | 109680 | 108814 | 1.00 | cps |
| Nickel | 60-2 | 353509 | 355699 | 355451 | 354886 | 0.34 | cps |
| Phosphorus | 31-2 | 73793 | 73513 | 73707 | 73671 | 0.19 | cps |
| Potassium | 39-2 | 4848581 | 4827593 | 4945328 | 4873834 | 1.29 | cps |
| Rhodium | 103-1 | 3699433 | 3774526 | 3723786 | 3732582 | 1.03 | cps |
| Rhodium | 103-2 | 2569185 | 2534323 | 2529620 | 2544376 | 0.85 | cps |
| Scandium | 45-1 | 2653663 | 2684802 | 2693337 | 2677267 | 0.78 | cps |
| Scandium | 45-2 | 285936 | 286886 | 283314 | 285379 | 0.65 | cps |
| Selenium | 82-1 | 1878 | 1878 | 1840 | 1865 | 1.19 | cps |
| Selenium | 77-2 | 693 | 687 | 670 | 683 | 1.76 | cps |
| Selenium | 78-2 | 1400 | 1337 | 1293 | 1343 | 3.99 | cps |
| Silicon | 28-1 | 5544819 | 5083385 | 5337359 | 5321854 | 4.34 | cps |
| Silver | 107-1 | 103489 | 105927 | 106249 | 105222 | 1.43 | cps |
| Silver | 109-1 | 97720 | 98985 | 101349 | 99351 | 1.85 | cps |
| Sodium | 23-2 | 10150905 | 10256400 | 10029282 | 10145529 | 1.12 | cps |
| Strontium | 86-1 | 462225 | 477521 | 468558 | 469435 | 1.64 | cps |
| Strontium | 88-1 | 4179139 | 4297453 | 4140925 | 4205839 | 1.94 | cps |
| Sulfur | 34-1 | 2205437 | 2245421 | 2264587 | 2238482 | 1.35 | cps |
| Terbium | 159-1 | 4809691 | 4828186 | 4832711 | 4823530 | 0.25 | cps |
| Terbium | 159-2 | 3618929 | 3698393 | 3598556 | 3638626 | 1.45 | cps |
| Thallium | 203-1 | 8486 | 8489 | 8990 | 8655 | 3.35 | cps |
| Thallium | 205-1 | 20425 | 20619 | 20676 | 20573 | 0.64 | cps |
| Tin | 118-1 | 1414866 | 1416505 | 1434072 | 1421814 | 0.75 | cps |
| Titanium | 47-1 | 1147088 | 1138674 | 1146296 | 1144019 | 0.41 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S02-010074-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:42:45 | DataFile Name : | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 97332 | 94116 | 98179 | 96542 | 2.22 | cps |
| Vanadium | 51-2 | 572004 | 574228 | 568992 | 571741 | 0.46 | cps |
| Yttrium | 89-1 | 8142393 | 8243237 | 8406990 | 8264206 | 1.62 | cps |
| Yttrium | 89-2 | 2562560 | 2540471 | 2483381 | 2528804 | 1.62 | cps |
| Zinc | 66-2 | 1380280 | 1387713 | 1363152 | 1377048 | 0.91 | cps |
| Zirconium | 90-1 | 573551 | 591458 | 588629 | 584546 | 1.65 | cps |
| Zirconium | 91-1 | 127449 | 131670 | 131769 | 130296 | 1.89 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:45:55 | DataFile Name : | 070CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7929598 | 7718301 | 7844158 | 7830686 | 1.36 | cps |
| Antimony | 121-1 | 2423293 | 2358954 | 2371432 | 2384559 | 1.43 | cps |
| Arsenic | 75-2 | 191304 | 191578 | 193890 | 192258 | 0.74 | cps |
| Barium | 135-1 | 2812355 | 2738600 | 2851140 | 2800698 | 2.04 | cps |
| Barium | 137-1 | 4716302 | 4872804 | 4801573 | 4796893 | 1.63 | cps |
| Beryllium | 9-1 | 446636 | 450197 | 449701 | 448844 | 0.43 | cps |
| Bismuth | 209-1 | 2847310 | 2854282 | 2899320 | 2866971 | 0.98 | cps |
| Bismuth | 209-2 | 2550802 | 2528680 | 2540895 | 2540126 | 0.44 | cps |
| Bromine | 81-1 | 49673 | 43300 | 39322 | 44099 | 11.84 | cps |
| Bromine | 81-2 | 4941 | 4831 | 4427 | 4733 | 5.71 | cps |
| Cadmium | 108-1 | 48163 | 48862 | 48648 | 48558 | 0.74 | cps |
| Cadmium | 106-1 | 67516 | 68658 | 68437 | 68204 | 0.89 | cps |
| Cadmium | 111-1 | 668115 | 660849 | 670832 | 666598 | 0.77 | cps |
| Calcium | 43-1 | 3368922 | 3408973 | 3422225 | 3400040 | 0.82 | cps |
| Calcium | 44-1 | 55382436 | 55716146 | 54762266 | 55286949 | 0.88 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1344728 | 1336758 | 1331320 | 1337602 | 0.50 | cps |
| Cobalt | 59-2 | 2032415 | 1979667 | 1980035 | 1997372 | 1.52 | cps |
| Copper | 63-2 | 15432036 | 15372306 | 15591396 | 15465246 | 0.73 | cps |
| Dysprosium | 156-1 | 200 | 207 | 143 | 183 | 18.98 | cps |
| Dysprosium | 156-2 | 333 | 343 | 240 | 306 | 18.65 | cps |
| Erbium | 164-1 | 320 | 320 | 227 | 289 | 18.65 | cps |
| Erbium | 164-2 | 257 | 233 | 203 | 231 | 11.57 | cps |
| Gadolinium | 160-1 | 173 | 150 | 200 | 174 | 14.34 | cps |
| Gadolinium | 160-2 | 370 | 400 | 403 | 391 | 4.69 | cps |
| Holmium | 165-1 | 4723640 | 4749375 | 4704748 | 4725921 | 0.47 | cps |
| Holmium | 165-2 | 3677482 | 3646008 | 3646123 | 3656538 | 0.50 | cps |
| Indium | 115-1 | 3732886 | 3663189 | 3797337 | 3731137 | 1.80 | cps |
| Indium | 115-2 | 1446509 | 1444637 | 1444431 | 1445193 | 0.08 | cps |
| Iron | 56-2 | 304923375 | 300611869 | 300390709 | 301975318 | 0.85 | cps |
| Iron | 57-2 | 7647195 | 7477424 | 7475783 | 7533467 | 1.31 | cps |
| Iron | 54-2 | 16703372 | 16593169 | 16607332 | 16634624 | 0.36 | cps |
| Krypton | 83-1 | 343 | 423 | 410 | 392 | 10.93 | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:45:55 | DataFile Name : | 070CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9178209 | 9305840 | 9163858 | 9215969 | 0.85 | cps |
| Lead | 207-1 | 7731958 | 7729817 | 7783421 | 7748399 | 0.39 | cps |
| Lead | 208-1 | 35898121 | 35817125 | 35589333 | 35768193 | 0.45 | cps |
| Lithium | 6-1 | 663700 | 661596 | 659067 | 661454 | 0.35 | cps |
| Magnesium | 24-2 | 69800641 | 67293982 | 68213962 | 68436195 | 1.85 | cps |
| Manganese | 55-2 | 11036633 | 11030257 | 11009285 | 11025392 | 0.13 | cps |
| Molybdenum | 94-1 | 8976714 | 8808805 | 8998850 | 8928123 | 1.16 | cps |
| Molybdenum | 95-1 | 12759008 | 12584766 | 12558543 | 12634106 | 0.86 | cps |
| Molybdenum | 96-1 | 13596554 | 13771506 | 13694534 | 13687531 | 0.64 | cps |
| Molybdenum | 97-1 | 7735172 | 7705696 | 7860970 | 7767280 | 1.06 | cps |
| Molybdenum | 98-1 | 20209645 | 20341841 | 20283976 | 20278487 | 0.33 | cps |
| Neodymium | 150-1 | 157 | 167 | 160 | 161 | 3.16 | cps |
| Neodymium | 150-2 | 70 | 120 | 90 | 93 | 26.96 | cps |
| Nickel | 60-2 | 511632 | 512752 | 510488 | 511624 | 0.22 | cps |
| Phosphorus | 31-2 | 93098 | 90600 | 91391 | 91696 | 1.39 | cps |
| Potassium | 39-2 | 36158732 | 35305601 | 35348187 | 35604173 | 1.35 | cps |
| Rhodium | 103-1 | 3664922 | 3656518 | 3642868 | 3654770 | 0.30 | cps |
| Rhodium | 103-2 | 2441474 | 2497741 | 2405262 | 2448159 | 1.90 | cps |
| Scandium | 45-1 | 2393493 | 2403443 | 2391601 | 2396179 | 0.27 | cps |
| Scandium | 45-2 | 256735 | 254302 | 251983 | 254340 | 0.93 | cps |
| Selenium | 82-1 | 55306 | 55459 | 55573 | 55446 | 0.24 | cps |
| Selenium | 77-2 | 7005 | 6445 | 6702 | 6717 | 4.18 | cps |
| Selenium | 78-2 | 22587 | 22180 | 21900 | 22222 | 1.56 | cps |
| Silicon | 28-1 | 25011953 | 25660488 | 25514435 | 25395625 | 1.34 | cps |
| Silver | 107-1 | 3260525 | 3247480 | 3333414 | 3280473 | 1.41 | cps |
| Silver | 109-1 | 3071709 | 3107726 | 3112365 | 3097266 | 0.72 | cps |
| Sodium | 23-2 | 106765285 | 105956065 | 105353202 | 106024851 | 0.67 | cps |
| Strontium | 86-1 | 789194 | 801851 | 792715 | 794586 | 0.82 | cps |
| Strontium | 88-1 | 7055749 | 7050549 | 7335858 | 7147386 | 2.28 | cps |
| Sulfur | 34-1 | 401206 | 403111 | 395521 | 399946 | 0.99 | cps |
| Terbium | 159-1 | 4840241 | 4663944 | 4697686 | 4733957 | 1.98 | cps |
| Terbium | 159-2 | 3514303 | 3509440 | 3434632 | 3486125 | 1.28 | cps |
| Thallium | 203-1 | 2213913 | 2289778 | 2260350 | 2254681 | 1.70 | cps |
| Thallium | 205-1 | 5327327 | 5431766 | 5575392 | 5444828 | 2.29 | cps |
| Tin | 118-1 | 1993960 | 2003687 | 1993149 | 1996932 | 0.29 | cps |
| Titanium | 47-1 | 3321192 | 3370666 | 3394455 | 3362104 | 1.11 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 15:45:55 | DataFile Name : | 070CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6761711 | 6733340 | 6725671 | 6740241 | 0.28 | cps |
| Vanadium | 51-2 | 1116104 | 1106032 | 1097374 | 1106503 | 0.85 | cps |
| Yttrium | 89-1 | 6810698 | 6734047 | 6900213 | 6814986 | 1.22 | cps |
| Yttrium | 89-2 | 2019435 | 2023735 | 2028455 | 2023875 | 0.22 | cps |
| Zinc | 66-2 | 2882582 | 2967346 | 2859012 | 2902980 | 1.96 | cps |
| Zirconium | 90-1 | 4405270 | 4374140 | 4439662 | 4406357 | 0.74 | cps |
| Zirconium | 91-1 | 958487 | 953060 | 965722 | 959090 | 0.66 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:00:21 | DataFile Name : | 072CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 500 | 477 | 463 | 480 | 3.87 | cps |
| Antimony | 121-1 | 113 | 170 | 157 | 147 | 20.20 | cps |
| Arsenic | 75-2 | 4 | 5 | 11 | 7 | 56.37 | cps |
| Barium | 135-1 | 60 | 27 | 27 | 38 | 50.93 | cps |
| Barium | 137-1 | 43 | 40 | 30 | 38 | 18.36 | cps |
| Beryllium | 9-1 | 7 | 10 | 23 | 13 | 66.12 | cps |
| Bismuth | 209-1 | 2879881 | 2906437 | 2868102 | 2884807 | 0.68 | cps |
| Bismuth | 209-2 | 2581384 | 2577359 | 2607892 | 2588878 | 0.64 | cps |
| Bromine | 81-1 | 9657 | 9813 | 9683 | 9718 | 0.86 | cps |
| Bromine | 81-2 | 440 | 470 | 440 | 450 | 3.85 | cps |
| Cadmium | 108-1 | 3 | 20 | 7 | 10 | 88.20 | cps |
| Cadmium | 106-1 | 1383 | 1373 | 1503 | 1420 | 5.09 | cps |
| Cadmium | 111-1 | 989 | 977 | 1081 | 1016 | 5.58 | cps |
| Calcium | 43-1 | 137 | 163 | 180 | 160 | 13.66 | cps |
| Calcium | 44-1 | 16780 | 16456 | 16539 | 16592 | 1.01 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1477 | 1567 | 1583 | 1542 | 3.72 | cps |
| Cobalt | 59-2 | 77 | 47 | 63 | 62 | 24.16 | cps |
| Copper | 63-2 | 1020 | 1077 | 1003 | 1033 | 3.72 | cps |
| Dysprosium | 156-1 | 7 | 13 | 10 | 10 | 33.30 | cps |
| Dysprosium | 156-2 | 7 | 0 | 0 | 2 | 173.21 | cps |
| Erbium | 164-1 | 27 | 20 | 20 | 22 | 17.33 | cps |
| Erbium | 164-2 | 20 | 7 | 13 | 13 | 49.99 | cps |
| Gadolinium | 160-1 | 30 | 40 | 10 | 27 | 57.28 | cps |
| Gadolinium | 160-2 | 260 | 200 | 320 | 260 | 23.08 | cps |
| Holmium | 165-1 | 4458226 | 4468767 | 4434664 | 4453886 | 0.39 | cps |
| Holmium | 165-2 | 3510604 | 3599190 | 3588076 | 3565957 | 1.35 | cps |
| Indium | 115-1 | 3644359 | 3696943 | 3718343 | 3686548 | 1.03 | cps |
| Indium | 115-2 | 1454040 | 1454461 | 1469158 | 1459220 | 0.59 | cps |
| Iron | 56-2 | 25088 | 26016 | 24991 | 25365 | 2.23 | cps |
| Iron | 57-2 | 1673 | 1613 | 1590 | 1626 | 2.64 | cps |
| Iron | 54-2 | 2570 | 2434 | 2380 | 2461 | 3.98 | cps |
| Krypton | 83-1 | 393 | 343 | 470 | 402 | 15.86 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:00:21 | DataFile Name : | 072CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 407 | 390 | 413 | 403 | 2.98 | cps |
| Lead | 207-1 | 337 | 233 | 310 | 293 | 18.29 | cps |
| Lead | 208-1 | 1570 | 1427 | 1460 | 1486 | 5.05 | cps |
| Lithium | 6-1 | 623849 | 619713 | 629634 | 624398 | 0.80 | cps |
| Magnesium | 24-2 | 350 | 303 | 277 | 310 | 11.97 | cps |
| Manganese | 55-2 | 590 | 623 | 537 | 583 | 7.49 | cps |
| Molybdenum | 94-1 | 200 | 213 | 153 | 189 | 16.68 | cps |
| Molybdenum | 95-1 | 207 | 233 | 257 | 232 | 10.77 | cps |
| Molybdenum | 96-1 | 243 | 223 | 270 | 246 | 9.53 | cps |
| Molybdenum | 97-1 | 137 | 140 | 127 | 134 | 5.16 | cps |
| Molybdenum | 98-1 | 293 | 327 | 360 | 327 | 10.20 | cps |
| Neodymium | 150-1 | 7 | 13 | 3 | 8 | 65.47 | cps |
| Neodymium | 150-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Nickel | 60-2 | 440 | 397 | 443 | 427 | 6.10 | cps |
| Phosphorus | 31-2 | 500 | 507 | 477 | 494 | 3.19 | cps |
| Potassium | 39-2 | 58087 | 57963 | 58120 | 58057 | 0.14 | cps |
| Rhodium | 103-1 | 3719224 | 3765876 | 3713487 | 3732862 | 0.77 | cps |
| Rhodium | 103-2 | 2486197 | 2504496 | 2446382 | 2479025 | 1.20 | cps |
| Scandium | 45-1 | 2285824 | 2346434 | 2289005 | 2307087 | 1.48 | cps |
| Scandium | 45-2 | 242263 | 241519 | 243800 | 242527 | 0.48 | cps |
| Selenium | 82-1 | 281 | 297 | 165 | 248 | 29.23 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 340 | 337 | 327 | 334 | 2.08 | cps |
| Silicon | 28-1 | 623180 | 637435 | 628475 | 629697 | 1.14 | cps |
| Silver | 107-1 | 60 | 67 | 87 | 71 | 19.52 | cps |
| Silver | 109-1 | 50 | 63 | 53 | 56 | 12.49 | cps |
| Sodium | 23-2 | 27912 | 28009 | 28049 | 27990 | 0.25 | cps |
| Strontium | 86-1 | 527 | 680 | 710 | 639 | 15.39 | cps |
| Strontium | 88-1 | 133 | 97 | 120 | 117 | 15.91 | cps |
| Sulfur | 34-1 | 162790 | 164734 | 164235 | 163920 | 0.62 | cps |
| Terbium | 159-1 | 4475028 | 4604214 | 4507494 | 4528912 | 1.48 | cps |
| Terbium | 159-2 | 3403482 | 3429938 | 3407087 | 3413502 | 0.42 | cps |
| Thallium | 203-1 | 210 | 143 | 193 | 182 | 19.04 | cps |
| Thallium | 205-1 | 530 | 387 | 433 | 450 | 16.25 | cps |
| Tin | 118-1 | 1247 | 1293 | 1147 | 1229 | 6.10 | cps |
| Titanium | 47-1 | 80 | 103 | 63 | 82 | 24.44 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB04 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB04 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:00:21 | DataFile Name : | 072CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 13 | 20 | 17 | 17 | 20.01 | cps |
| Vanadium | 51-2 | 30 | 13 | 17 | 20 | 44.10 | cps |
| Yttrium | 89-1 | 6460417 | 6688075 | 6660752 | 6603081 | 1.88 | cps |
| Yttrium | 89-2 | 2009303 | 1964756 | 2007927 | 1993995 | 1.27 | cps |
| Zinc | 66-2 | 1353 | 1397 | 1213 | 1321 | 7.25 | cps |
| Zirconium | 90-1 | 333 | 310 | 317 | 320 | 3.76 | cps |
| Zirconium | 91-1 | 63 | 60 | 77 | 67 | 13.23 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:03:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14760427 | 14868445 | 14865028 | 14831300 | 0.41 | cps |
| Antimony | 121-1 | 9103 | 8906 | 9106 | 9038 | 1.27 | cps |
| Arsenic | 75-2 | 99641 | 99195 | 100667 | 99834 | 0.76 | cps |
| Barium | 135-1 | 2847234 | 2910597 | 2862766 | 2873532 | 1.15 | cps |
| Barium | 137-1 | 5023263 | 4963584 | 5002811 | 4996553 | 0.61 | cps |
| Beryllium | 9-1 | 8336 | 8015 | 8512 | 8288 | 3.04 | cps |
| Bismuth | 209-1 | 3174891 | 3129937 | 3272853 | 3192561 | 2.29 | cps |
| Bismuth | 209-2 | 2914845 | 2884335 | 2873097 | 2890759 | 0.75 | cps |
| Bromine | 81-1 | 579956 | 765955 | 848475 | 731462 | 18.80 | cps |
| Bromine | 81-2 | 188062 | 192252 | 197621 | 192645 | 2.49 | cps |
| Cadmium | 108-1 | 8813 | 9580 | 9186 | 9193 | 4.17 | cps |
| Cadmium | 106-1 | 15098 | 15221 | 15058 | 15126 | 0.56 | cps |
| Cadmium | 111-1 | 124664 | 124981 | 125222 | 124955 | 0.22 | cps |
| Calcium | 43-1 | 1186013 | 1226133 | 1226378 | 1212841 | 1.92 | cps |
| Calcium | 44-1 | 19263394 | 19181711 | 19385114 | 19276740 | 0.53 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6584629 | 6489106 | 6694547 | 6589427 | 1.56 | cps |
| Cobalt | 59-2 | 505645 | 505223 | 507871 | 506246 | 0.28 | cps |
| Copper | 63-2 | 9806471 | 9703757 | 9833844 | 9781357 | 0.70 | cps |
| Dysprosium | 156-1 | 119637 | 123565 | 122808 | 122004 | 1.71 | cps |
| Dysprosium | 156-2 | 119376 | 121555 | 119622 | 120184 | 0.99 | cps |
| Erbium | 164-1 | 118922 | 118662 | 121641 | 119742 | 1.38 | cps |
| Erbium | 164-2 | 93699 | 93671 | 93884 | 93751 | 0.12 | cps |
| Gadolinium | 160-1 | 127347 | 127404 | 129846 | 128199 | 1.11 | cps |
| Gadolinium | 160-2 | 104258 | 104060 | 104467 | 104262 | 0.19 | cps |
| Holmium | 165-1 | 4999500 | 4803743 | 4876811 | 4893351 | 2.02 | cps |
| Holmium | 165-2 | 3902615 | 3825182 | 3835132 | 3854310 | 1.09 | cps |
| Indium | 115-1 | 3747807 | 3726562 | 3703883 | 3726084 | 0.59 | cps |
| Indium | 115-2 | 1493830 | 1495947 | 1502858 | 1497545 | 0.32 | cps |
| Iron | 56-2 | 649401057 | 653749377 | 664445083 | 655865172 | 1.18 | cps |
| Iron | 57-2 | 16299413 | 16159982 | 16207622 | 16222339 | 0.44 | cps |
| Iron | 54-2 | 37093550 | 35882840 | 36281103 | 36419164 | 1.69 | cps |
| Krypton | 83-1 | 573 | 643 | 527 | 581 | 10.10 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:03:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 24165335 | 24585747 | 24455525 | 24402202 | 0.88 | cps |
| Lead | 207-1 | 19901199 | 20382601 | 20202670 | 20162157 | 1.21 | cps |
| Lead | 208-1 | 94716468 | 94860614 | 94717242 | 94764774 | 0.09 | cps |
| Lithium | 6-1 | 696933 | 688432 | 695013 | 693459 | 0.64 | cps |
| Magnesium | 24-2 | 20831054 | 20570898 | 21170147 | 20857366 | 1.44 | cps |
| Manganese | 55-2 | 4954250 | 4905528 | 4940165 | 4933314 | 0.51 | cps |
| Molybdenum | 94-1 | 317124 | 319904 | 319719 | 318916 | 0.49 | cps |
| Molybdenum | 95-1 | 85069 | 84821 | 85089 | 84993 | 0.18 | cps |
| Molybdenum | 96-1 | 136197 | 138473 | 141515 | 138728 | 1.92 | cps |
| Molybdenum | 97-1 | 53080 | 54866 | 52792 | 53579 | 2.10 | cps |
| Molybdenum | 98-1 | 135957 | 138949 | 138332 | 137746 | 1.15 | cps |
| Neodymium | 150-1 | 190715 | 194162 | 192583 | 192487 | 0.90 | cps |
| Neodymium | 150-2 | 126754 | 125769 | 126206 | 126243 | 0.39 | cps |
| Nickel | 60-2 | 882078 | 873665 | 884531 | 880091 | 0.65 | cps |
| Phosphorus | 31-2 | 120023 | 117920 | 119835 | 119259 | 0.98 | cps |
| Potassium | 39-2 | 5952096 | 5797380 | 5863677 | 5871051 | 1.32 | cps |
| Rhodium | 103-1 | 3763034 | 3791966 | 3739313 | 3764771 | 0.70 | cps |
| Rhodium | 103-2 | 2541165 | 2567623 | 2528161 | 2545650 | 0.79 | cps |
| Scandium | 45-1 | 2771549 | 2678174 | 2723957 | 2724560 | 1.71 | cps |
| Scandium | 45-2 | 286051 | 288259 | 289334 | 287881 | 0.58 | cps |
| Selenium | 82-1 | 2941 | 2910 | 3058 | 2970 | 2.62 | cps |
| Selenium | 77-2 | 780 | 853 | 753 | 796 | 6.51 | cps |
| Selenium | 78-2 | 1837 | 1900 | 1820 | 1852 | 2.28 | cps |
| Silicon | 28-1 | 4011532 | 4010852 | 4331300 | 4117895 | 4.49 | cps |
| Silver | 107-1 | 298123 | 302226 | 307942 | 302763 | 1.63 | cps |
| Silver | 109-1 | 287377 | 291542 | 290514 | 289811 | 0.75 | cps |
| Sodium | 23-2 | 28902084 | 29051655 | 28458556 | 28804098 | 1.07 | cps |
| Strontium | 86-1 | 1092299 | 1118778 | 1110715 | 1107264 | 1.23 | cps |
| Strontium | 88-1 | 10014994 | 9975606 | 10080869 | 10023823 | 0.53 | cps |
| Sulfur | 34-1 | 3714088 | 3596607 | 3744079 | 3684925 | 2.12 | cps |
| Terbium | 159-1 | 4834176 | 4805316 | 4939309 | 4859600 | 1.45 | cps |
| Terbium | 159-2 | 3745073 | 3711143 | 3789424 | 3748546 | 1.05 | cps |
| Thallium | 203-1 | 12005 | 11965 | 11722 | 11898 | 1.29 | cps |
| Thallium | 205-1 | 28323 | 28704 | 28577 | 28535 | 0.68 | cps |
| Tin | 118-1 | 1227321 | 1258318 | 1255830 | 1247156 | 1.38 | cps |
| Titanium | 47-1 | 1599413 | 1590096 | 1643774 | 1611094 | 1.78 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:03:44 | DataFile Name : | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 231087 | 236609 | 236778 | 234825 | 1.38 | cps |
| Vanadium | 51-2 | 1206029 | 1209329 | 1213551 | 1209636 | 0.31 | cps |
| Yttrium | 89-1 | 8486821 | 8669534 | 8630572 | 8595642 | 1.12 | cps |
| Yttrium | 89-2 | 2617205 | 2627312 | 2647477 | 2630665 | 0.59 | cps |
| Zinc | 66-2 | 3963836 | 3870005 | 3986975 | 3940272 | 1.57 | cps |
| Zirconium | 90-1 | 730154 | 745263 | 738421 | 737946 | 1.03 | cps |
| Zirconium | 91-1 | 162086 | 165140 | 165260 | 164162 | 1.10 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:06:47 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11164649 | 11094734 | 10952630 | 11070671 | 0.98 | cps |
| Antimony | 121-1 | 8216 | 8699 | 8736 | 8550 | 3.40 | cps |
| Arsenic | 75-2 | 130433 | 129484 | 129043 | 129653 | 0.55 | cps |
| Barium | 135-1 | 1947481 | 2020013 | 1992576 | 1986690 | 1.84 | cps |
| Barium | 137-1 | 3407630 | 3511934 | 3473057 | 3464207 | 1.52 | cps |
| Beryllium | 9-1 | 4534 | 4594 | 4207 | 4445 | 4.68 | cps |
| Bismuth | 209-1 | 3120385 | 3219949 | 3261906 | 3200747 | 2.27 | cps |
| Bismuth | 209-2 | 2924128 | 2851390 | 2890177 | 2888565 | 1.26 | cps |
| Bromine | 81-1 | 446933 | 566579 | 607722 | 540411 | 15.46 | cps |
| Bromine | 81-2 | 133695 | 133995 | 135579 | 134423 | 0.75 | cps |
| Cadmium | 108-1 | 5424 | 5474 | 5251 | 5383 | 2.18 | cps |
| Cadmium | 106-1 | 9927 | 9887 | 9727 | 9847 | 1.08 | cps |
| Cadmium | 111-1 | 76587 | 77197 | 77205 | 76996 | 0.46 | cps |
| Calcium | 43-1 | 482772 | 485729 | 489300 | 485933 | 0.67 | cps |
| Calcium | 44-1 | 7541624 | 7654349 | 7795251 | 7663741 | 1.66 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6146366 | 6219322 | 6170932 | 6178873 | 0.60 | cps |
| Cobalt | 59-2 | 277594 | 275037 | 281303 | 277978 | 1.13 | cps |
| Copper | 63-2 | 8187973 | 8172518 | 8156871 | 8172454 | 0.19 | cps |
| Dysprosium | 156-1 | 91590 | 92093 | 94187 | 92623 | 1.49 | cps |
| Dysprosium | 156-2 | 91308 | 92623 | 91224 | 91719 | 0.86 | cps |
| Erbium | 164-1 | 89690 | 89971 | 89988 | 89883 | 0.19 | cps |
| Erbium | 164-2 | 69690 | 69167 | 70835 | 69897 | 1.22 | cps |
| Gadolinium | 160-1 | 96242 | 98151 | 99349 | 97914 | 1.60 | cps |
| Gadolinium | 160-2 | 80037 | 79035 | 78834 | 79302 | 0.81 | cps |
| Holmium | 165-1 | 4754179 | 4825074 | 4845281 | 4808178 | 1.00 | cps |
| Holmium | 165-2 | 3823332 | 3842643 | 3762693 | 3809556 | 1.10 | cps |
| Indium | 115-1 | 3839512 | 3804991 | 3761750 | 3802084 | 1.02 | cps |
| Indium | 115-2 | 1523214 | 1532843 | 1504260 | 1520106 | 0.96 | cps |
| Iron | 56-2 | 471961340 | 480753393 | 472393553 | 475036095 | 1.04 | cps |
| Iron | 57-2 | 11638443 | 11644686 | 11549778 | 11610969 | 0.46 | cps |
| Iron | 54-2 | 26723262 | 26038418 | 26147314 | 26302998 | 1.40 | cps |
| Krypton | 83-1 | 510 | 530 | 583 | 541 | 7.01 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:06:47 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11777573 | 11891544 | 12064546 | 11911221 | 1.21 | cps |
| Lead | 207-1 | 10024247 | 9694840 | 9944030 | 9887706 | 1.74 | cps |
| Lead | 208-1 | 45894858 | 46006417 | 46515885 | 46139053 | 0.72 | cps |
| Lithium | 6-1 | 676946 | 676859 | 678635 | 677480 | 0.15 | cps |
| Magnesium | 24-2 | 12298781 | 12296192 | 12014681 | 12203218 | 1.34 | cps |
| Manganese | 55-2 | 3828220 | 3903671 | 3882220 | 3871370 | 1.00 | cps |
| Molybdenum | 94-1 | 197520 | 200125 | 199299 | 198981 | 0.67 | cps |
| Molybdenum | 95-1 | 36405 | 37445 | 37438 | 37096 | 1.61 | cps |
| Molybdenum | 96-1 | 70328 | 70861 | 71819 | 71003 | 1.06 | cps |
| Molybdenum | 97-1 | 23078 | 23245 | 23082 | 23135 | 0.41 | cps |
| Molybdenum | 98-1 | 59601 | 60234 | 60358 | 60064 | 0.68 | cps |
| Neodymium | 150-1 | 145173 | 150544 | 150386 | 148701 | 2.06 | cps |
| Neodymium | 150-2 | 96954 | 96961 | 99247 | 97720 | 1.35 | cps |
| Nickel | 60-2 | 396526 | 392255 | 393661 | 394147 | 0.55 | cps |
| Phosphorus | 31-2 | 80232 | 80061 | 79884 | 80059 | 0.22 | cps |
| Potassium | 39-2 | 4554995 | 4511426 | 4526124 | 4530848 | 0.49 | cps |
| Rhodium | 103-1 | 3830477 | 3787702 | 3786632 | 3801604 | 0.66 | cps |
| Rhodium | 103-2 | 2630504 | 2575729 | 2576062 | 2594098 | 1.22 | cps |
| Scandium | 45-1 | 2617521 | 2581841 | 2655429 | 2618264 | 1.41 | cps |
| Scandium | 45-2 | 286917 | 283046 | 278254 | 282739 | 1.53 | cps |
| Selenium | 82-1 | 2629 | 2470 | 2543 | 2547 | 3.11 | cps |
| Selenium | 77-2 | 700 | 757 | 730 | 729 | 3.89 | cps |
| Selenium | 78-2 | 1570 | 1717 | 1417 | 1568 | 9.57 | cps |
| Silicon | 28-1 | 3984975 | 4579969 | 4403213 | 4322719 | 7.07 | cps |
| Silver | 107-1 | 256337 | 262198 | 260438 | 259657 | 1.16 | cps |
| Silver | 109-1 | 240947 | 245926 | 250025 | 245632 | 1.85 | cps |
| Sodium | 23-2 | 17630031 | 17443242 | 17585941 | 17553071 | 0.56 | cps |
| Strontium | 86-1 | 609272 | 616398 | 623159 | 616277 | 1.13 | cps |
| Strontium | 88-1 | 5486582 | 5562003 | 5532160 | 5526915 | 0.69 | cps |
| Sulfur | 34-1 | 2438828 | 2408044 | 2439096 | 2428656 | 0.74 | cps |
| Terbium | 159-1 | 4720932 | 4952790 | 4827341 | 4833688 | 2.40 | cps |
| Terbium | 159-2 | 3702524 | 3717658 | 3650831 | 3690338 | 0.95 | cps |
| Thallium | 203-1 | 12906 | 13503 | 13133 | 13181 | 2.29 | cps |
| Thallium | 205-1 | 30361 | 31457 | 31156 | 30991 | 1.83 | cps |
| Tin | 118-1 | 1147521 | 1163965 | 1167541 | 1159676 | 0.92 | cps |
| Titanium | 47-1 | 1083665 | 1097403 | 1082515 | 1087861 | 0.76 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:06:47 | DataFile Name : | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 133363 | 134075 | 133124 | 133521 | 0.37 | cps |
| Vanadium | 51-2 | 645179 | 642380 | 640923 | 642827 | 0.34 | cps |
| Yttrium | 89-1 | 8225190 | 8276085 | 8294278 | 8265185 | 0.43 | cps |
| Yttrium | 89-2 | 2470324 | 2540585 | 2480382 | 2497097 | 1.52 | cps |
| Zinc | 66-2 | 2337387 | 2226679 | 2275463 | 2279843 | 2.43 | cps |
| Zirconium | 90-1 | 476836 | 483323 | 481521 | 480560 | 0.70 | cps |
| Zirconium | 91-1 | 107346 | 109509 | 107527 | 108127 | 1.11 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:09:56 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10766854 | 10737003 | 11084099 | 10862652 | 1.77 | cps |
| Antimony | 121-1 | 8069 | 8179 | 8062 | 8103 | 0.81 | cps |
| Arsenic | 75-2 | 100003 | 100795 | 101294 | 100697 | 0.65 | cps |
| Barium | 135-1 | 1803682 | 1785849 | 1798944 | 1796158 | 0.51 | cps |
| Barium | 137-1 | 3060687 | 3099527 | 3134774 | 3098329 | 1.20 | cps |
| Beryllium | 9-1 | 4357 | 4534 | 4621 | 4504 | 2.98 | cps |
| Bismuth | 209-1 | 3137679 | 3158283 | 3139823 | 3145262 | 0.36 | cps |
| Bismuth | 209-2 | 2829564 | 2873596 | 2848080 | 2850414 | 0.78 | cps |
| Bromine | 81-1 | 591014 | 734694 | 799807 | 708505 | 15.08 | cps |
| Bromine | 81-2 | 176660 | 179723 | 179722 | 178702 | 0.99 | cps |
| Cadmium | 108-1 | 4601 | 4571 | 4561 | 4577 | 0.46 | cps |
| Cadmium | 106-1 | 8309 | 8269 | 8413 | 8330 | 0.89 | cps |
| Cadmium | 111-1 | 64551 | 63590 | 63313 | 63818 | 1.02 | cps |
| Calcium | 43-1 | 331143 | 334838 | 336001 | 333994 | 0.76 | cps |
| Calcium | 44-1 | 5168661 | 5214264 | 5265094 | 5216006 | 0.92 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5104389 | 5067866 | 5055575 | 5075943 | 0.50 | cps |
| Cobalt | 59-2 | 256550 | 255408 | 258144 | 256701 | 0.54 | cps |
| Copper | 63-2 | 7112215 | 7184908 | 7056947 | 7118023 | 0.90 | cps |
| Dysprosium | 156-1 | 91429 | 92331 | 92086 | 91949 | 0.51 | cps |
| Dysprosium | 156-2 | 90469 | 90073 | 89516 | 90020 | 0.53 | cps |
| Erbium | 164-1 | 88177 | 89398 | 89552 | 89042 | 0.85 | cps |
| Erbium | 164-2 | 68905 | 70169 | 68333 | 69136 | 1.36 | cps |
| Gadolinium | 160-1 | 94909 | 96084 | 97412 | 96135 | 1.30 | cps |
| Gadolinium | 160-2 | 79109 | 78697 | 80067 | 79291 | 0.89 | cps |
| Holmium | 165-1 | 4824369 | 4862838 | 4829153 | 4838787 | 0.43 | cps |
| Holmium | 165-2 | 3760882 | 3725825 | 3680131 | 3722279 | 1.09 | cps |
| Indium | 115-1 | 3879642 | 3674849 | 3871594 | 3808695 | 3.05 | cps |
| Indium | 115-2 | 1508838 | 1505494 | 1497026 | 1503786 | 0.40 | cps |
| Iron | 56-2 | 432275554 | 428089274 | 426387954 | 428917594 | 0.71 | cps |
| Iron | 57-2 | 10346988 | 10683540 | 10596778 | 10542435 | 1.66 | cps |
| Iron | 54-2 | 24037894 | 23790394 | 23961647 | 23929978 | 0.53 | cps |
| Krypton | 83-1 | 533 | 507 | 623 | 554 | 11.03 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:09:56 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11817033 | 11865474 | 12352835 | 12011781 | 2.47 | cps |
| Lead | 207-1 | 9818543 | 9948543 | 9827631 | 9864906 | 0.74 | cps |
| Lead | 208-1 | 46306800 | 46504940 | 46370889 | 46394209 | 0.22 | cps |
| Lithium | 6-1 | 669815 | 665701 | 675610 | 670376 | 0.74 | cps |
| Magnesium | 24-2 | 11248164 | 11401222 | 11602638 | 11417341 | 1.56 | cps |
| Manganese | 55-2 | 3614251 | 3639788 | 3612007 | 3622015 | 0.43 | cps |
| Molybdenum | 94-1 | 190437 | 192432 | 190512 | 191127 | 0.59 | cps |
| Molybdenum | 95-1 | 36756 | 37388 | 36970 | 37038 | 0.87 | cps |
| Molybdenum | 96-1 | 70110 | 69166 | 70147 | 69808 | 0.80 | cps |
| Molybdenum | 97-1 | 23456 | 23245 | 23178 | 23293 | 0.62 | cps |
| Molybdenum | 98-1 | 60203 | 60481 | 60505 | 60396 | 0.28 | cps |
| Neodymium | 150-1 | 145375 | 146714 | 145593 | 145894 | 0.49 | cps |
| Neodymium | 150-2 | 95799 | 95451 | 95044 | 95432 | 0.40 | cps |
| Nickel | 60-2 | 365171 | 365103 | 363574 | 364616 | 0.25 | cps |
| Phosphorus | 31-2 | 69905 | 69446 | 70016 | 69789 | 0.43 | cps |
| Potassium | 39-2 | 4398308 | 4513599 | 4427421 | 4446443 | 1.35 | cps |
| Rhodium | 103-1 | 3795176 | 3930641 | 3797387 | 3841068 | 2.02 | cps |
| Rhodium | 103-2 | 2562570 | 2618854 | 2605064 | 2595496 | 1.13 | cps |
| Scandium | 45-1 | 2636426 | 2593389 | 2602946 | 2610920 | 0.87 | cps |
| Scandium | 45-2 | 281132 | 284964 | 278231 | 281443 | 1.20 | cps |
| Selenium | 82-1 | 2331 | 2616 | 2455 | 2467 | 5.79 | cps |
| Selenium | 77-2 | 617 | 640 | 613 | 623 | 2.33 | cps |
| Selenium | 78-2 | 1493 | 1443 | 1393 | 1443 | 3.46 | cps |
| Silicon | 28-1 | 5598640 | 5670993 | 4538799 | 5269477 | 12.03 | cps |
| Silver | 107-1 | 255275 | 259006 | 260806 | 258362 | 1.09 | cps |
| Silver | 109-1 | 243409 | 240796 | 244417 | 242874 | 0.77 | cps |
| Sodium | 23-2 | 17804280 | 17350532 | 18181373 | 17778728 | 2.34 | cps |
| Strontium | 86-1 | 479182 | 482934 | 486174 | 482763 | 0.72 | cps |
| Strontium | 88-1 | 4328520 | 4338132 | 4389430 | 4352028 | 0.75 | cps |
| Sulfur | 34-1 | 2272243 | 2241580 | 2261243 | 2258355 | 0.69 | cps |
| Terbium | 159-1 | 4782783 | 4897868 | 4768644 | 4816432 | 1.47 | cps |
| Terbium | 159-2 | 3686057 | 3649103 | 3593185 | 3642782 | 1.28 | cps |
| Thallium | 203-1 | 11839 | 12049 | 11809 | 11899 | 1.10 | cps |
| Thallium | 205-1 | 28323 | 28731 | 28670 | 28575 | 0.77 | cps |
| Tin | 118-1 | 1356681 | 1335106 | 1352521 | 1348103 | 0.85 | cps |
| Titanium | 47-1 | 954541 | 962639 | 962539 | 959906 | 0.48 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:09:56 | DataFile Name : | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 134329 | 134449 | 133251 | 134009 | 0.49 | cps |
| Vanadium | 51-2 | 608926 | 605729 | 601551 | 605402 | 0.61 | cps |
| Yttrium | 89-1 | 8231972 | 8208481 | 8107311 | 8182588 | 0.81 | cps |
| Yttrium | 89-2 | 2514193 | 2543438 | 2496195 | 2517942 | 0.95 | cps |
| Zinc | 66-2 | 2199465 | 2150751 | 2206757 | 2185657 | 1.39 | cps |
| Zirconium | 90-1 | 460127 | 464077 | 464594 | 462933 | 0.53 | cps |
| Zirconium | 91-1 | 102059 | 104466 | 105245 | 103923 | 1.60 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:13:02 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14930189 | 14918260 | 15147193 | 14998547 | 0.86 | cps |
| Antimony | 121-1 | 6912 | 7272 | 7185 | 7123 | 2.64 | cps |
| Arsenic | 75-2 | 207373 | 206169 | 206648 | 206730 | 0.29 | cps |
| Barium | 135-1 | 3172896 | 3132803 | 3120955 | 3142218 | 0.87 | cps |
| Barium | 137-1 | 5308482 | 5401952 | 5355226 | 5355220 | 0.87 | cps |
| Beryllium | 9-1 | 6418 | 6315 | 6051 | 6261 | 3.02 | cps |
| Bismuth | 209-1 | 3068536 | 3169584 | 3263113 | 3167078 | 3.07 | cps |
| Bismuth | 209-2 | 2836717 | 2869892 | 2878404 | 2861671 | 0.77 | cps |
| Bromine | 81-1 | 622920 | 776615 | 844792 | 748109 | 15.19 | cps |
| Bromine | 81-2 | 189033 | 189202 | 191870 | 190035 | 0.84 | cps |
| Cadmium | 108-1 | 7345 | 7479 | 7562 | 7462 | 1.47 | cps |
| Cadmium | 106-1 | 12739 | 12762 | 12592 | 12698 | 0.73 | cps |
| Cadmium | 111-1 | 108756 | 107598 | 108723 | 108359 | 0.61 | cps |
| Calcium | 43-1 | 607821 | 620057 | 615653 | 614510 | 1.01 | cps |
| Calcium | 44-1 | 9688140 | 9584696 | 9643294 | 9638710 | 0.54 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5689819 | 5530937 | 5697160 | 5639305 | 1.67 | cps |
| Cobalt | 59-2 | 355886 | 352654 | 352290 | 353610 | 0.56 | cps |
| Copper | 63-2 | 9141885 | 9041331 | 9102454 | 9095223 | 0.56 | cps |
| Dysprosium | 156-1 | 128647 | 129669 | 130958 | 129758 | 0.89 | cps |
| Dysprosium | 156-2 | 129003 | 128410 | 128165 | 128526 | 0.34 | cps |
| Erbium | 164-1 | 123652 | 126034 | 127181 | 125622 | 1.43 | cps |
| Erbium | 164-2 | 101006 | 99263 | 98438 | 99569 | 1.32 | cps |
| Gadolinium | 160-1 | 137324 | 138313 | 138642 | 138093 | 0.50 | cps |
| Gadolinium | 160-2 | 112121 | 111816 | 110724 | 111554 | 0.66 | cps |
| Holmium | 165-1 | 4752139 | 4834434 | 4757896 | 4781490 | 0.96 | cps |
| Holmium | 165-2 | 3709450 | 3744736 | 3850726 | 3768304 | 1.95 | cps |
| Indium | 115-1 | 3793257 | 3746180 | 3765711 | 3768383 | 0.63 | cps |
| Indium | 115-2 | 1532202 | 1490274 | 1495268 | 1505915 | 1.52 | cps |
| Iron | 56-2 | 583582871 | 585830431 | 588354751 | 585922685 | 0.41 | cps |
| Iron | 57-2 | 14524361 | 14139220 | 14258535 | 14307372 | 1.38 | cps |
| Iron | 54-2 | 32289744 | 32057839 | 32179312 | 32175631 | 0.36 | cps |
| Krypton | 83-1 | 637 | 513 | 497 | 549 | 13.93 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:13:02 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11447047 | 11688273 | 11813690 | 11649670 | 1.60 | cps |
| Lead | 207-1 | 9808952 | 9714779 | 9784354 | 9769361 | 0.50 | cps |
| Lead | 208-1 | 44940782 | 44784924 | 45669148 | 45131618 | 1.05 | cps |
| Lithium | 6-1 | 681493 | 677934 | 671259 | 676895 | 0.77 | cps |
| Magnesium | 24-2 | 15009493 | 14605284 | 14710337 | 14775038 | 1.42 | cps |
| Manganese | 55-2 | 6151922 | 6018432 | 6036881 | 6069078 | 1.19 | cps |
| Molybdenum | 94-1 | 246671 | 248675 | 251560 | 248969 | 0.99 | cps |
| Molybdenum | 95-1 | 37234 | 37368 | 36850 | 37150 | 0.72 | cps |
| Molybdenum | 96-1 | 79947 | 79398 | 80373 | 79906 | 0.61 | cps |
| Molybdenum | 97-1 | 23005 | 23285 | 23386 | 23225 | 0.85 | cps |
| Molybdenum | 98-1 | 59876 | 60675 | 60435 | 60329 | 0.68 | cps |
| Neodymium | 150-1 | 202305 | 207100 | 206694 | 205366 | 1.29 | cps |
| Neodymium | 150-2 | 136665 | 134401 | 135172 | 135413 | 0.85 | cps |
| Nickel | 60-2 | 392624 | 389624 | 394893 | 392380 | 0.67 | cps |
| Phosphorus | 31-2 | 137942 | 134280 | 136075 | 136099 | 1.35 | cps |
| Potassium | 39-2 | 6167292 | 5964473 | 6151150 | 6094305 | 1.85 | cps |
| Rhodium | 103-1 | 3743471 | 3876568 | 3774701 | 3798247 | 1.83 | cps |
| Rhodium | 103-2 | 2556464 | 2570097 | 2563324 | 2563295 | 0.27 | cps |
| Scandium | 45-1 | 2712466 | 2697583 | 2713769 | 2707939 | 0.33 | cps |
| Scandium | 45-2 | 290883 | 289727 | 289071 | 289893 | 0.32 | cps |
| Selenium | 82-1 | 3097 | 3474 | 3454 | 3342 | 6.35 | cps |
| Selenium | 77-2 | 1010 | 977 | 927 | 971 | 4.32 | cps |
| Selenium | 78-2 | 1913 | 1863 | 1993 | 1923 | 3.41 | cps |
| Silicon | 28-1 | 4098950 | 4121801 | 4115162 | 4111971 | 0.29 | cps |
| Silver | 107-1 | 226607 | 230240 | 231095 | 229314 | 1.04 | cps |
| Silver | 109-1 | 215272 | 214130 | 218516 | 215973 | 1.05 | cps |
| Sodium | 23-2 | 21797351 | 21724655 | 21881956 | 21801321 | 0.36 | cps |
| Strontium | 86-1 | 779775 | 776943 | 787609 | 781442 | 0.71 | cps |
| Strontium | 88-1 | 7051354 | 7012051 | 7061436 | 7041614 | 0.37 | cps |
| Sulfur | 34-1 | 2492552 | 2543831 | 2475226 | 2503870 | 1.42 | cps |
| Terbium | 159-1 | 4837669 | 4699395 | 4925414 | 4820826 | 2.36 | cps |
| Terbium | 159-2 | 3627923 | 3676893 | 3673682 | 3659500 | 0.75 | cps |
| Thallium | 203-1 | 14788 | 14785 | 14828 | 14800 | 0.16 | cps |
| Thallium | 205-1 | 34921 | 35740 | 35914 | 35525 | 1.49 | cps |
| Tin | 118-1 | 1175929 | 1187743 | 1189455 | 1184376 | 0.62 | cps |
| Titanium | 47-1 | 1347366 | 1362052 | 1337743 | 1349054 | 0.91 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:13:02 | DataFile Name : | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 143773 | 147321 | 148283 | 146459 | 1.62 | cps |
| Vanadium | 51-2 | 793052 | 782143 | 786823 | 787339 | 0.70 | cps |
| Yttrium | 89-1 | 8690238 | 8742958 | 8726053 | 8719749 | 0.31 | cps |
| Yttrium | 89-2 | 2668083 | 2640761 | 2613374 | 2640739 | 1.04 | cps |
| Zinc | 66-2 | 2379141 | 2390909 | 2418900 | 2396316 | 0.85 | cps |
| Zirconium | 90-1 | 619556 | 624503 | 622900 | 622319 | 0.41 | cps |
| Zirconium | 91-1 | 139547 | 138692 | 137659 | 138633 | 0.68 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:16:20 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14247628 | 14214073 | 14291029 | 14250910 | 0.27 | cps |
| Antimony | 121-1 | 11808 | 12142 | 12199 | 12050 | 1.75 | cps |
| Arsenic | 75-2 | 135786 | 131925 | 134672 | 134128 | 1.48 | cps |
| Barium | 135-1 | 1746646 | 1819782 | 1826186 | 1797538 | 2.46 | cps |
| Barium | 137-1 | 3058274 | 3093355 | 3129247 | 3093625 | 1.15 | cps |
| Beryllium | 9-1 | 5981 | 5891 | 5978 | 5950 | 0.86 | cps |
| Bismuth | 209-1 | 2943982 | 3052017 | 3063339 | 3019779 | 2.18 | cps |
| Bismuth | 209-2 | 2733344 | 2741814 | 2725165 | 2733441 | 0.30 | cps |
| Bromine | 81-1 | 790296 | 971663 | 1076807 | 946255 | 15.32 | cps |
| Bromine | 81-2 | 241901 | 244787 | 242114 | 242934 | 0.66 | cps |
| Cadmium | 108-1 | 8926 | 8899 | 8406 | 8744 | 3.35 | cps |
| Cadmium | 106-1 | 14831 | 14594 | 14651 | 14692 | 0.84 | cps |
| Cadmium | 111-1 | 124096 | 126658 | 127211 | 125988 | 1.32 | cps |
| Calcium | 43-1 | 773300 | 782384 | 778674 | 778120 | 0.59 | cps |
| Calcium | 44-1 | 12218607 | 12253998 | 12078421 | 12183675 | 0.76 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8600306 | 8405611 | 8221149 | 8409022 | 2.25 | cps |
| Cobalt | 59-2 | 372954 | 371486 | 370847 | 371762 | 0.29 | cps |
| Copper | 63-2 | 10260087 | 10532320 | 10325654 | 10372687 | 1.37 | cps |
| Dysprosium | 156-1 | 114869 | 116694 | 117268 | 116277 | 1.08 | cps |
| Dysprosium | 156-2 | 116365 | 114690 | 116193 | 115749 | 0.80 | cps |
| Erbium | 164-1 | 112712 | 114005 | 115360 | 114026 | 1.16 | cps |
| Erbium | 164-2 | 89719 | 88854 | 89246 | 89273 | 0.49 | cps |
| Gadolinium | 160-1 | 122104 | 123920 | 124095 | 123373 | 0.89 | cps |
| Gadolinium | 160-2 | 99974 | 100652 | 100625 | 100417 | 0.38 | cps |
| Holmium | 165-1 | 4615781 | 4667900 | 4754007 | 4679229 | 1.49 | cps |
| Holmium | 165-2 | 3741381 | 3746737 | 3781832 | 3756650 | 0.58 | cps |
| Indium | 115-1 | 3640916 | 3737813 | 3716332 | 3698354 | 1.38 | cps |
| Indium | 115-2 | 1475052 | 1469862 | 1468106 | 1471007 | 0.25 | cps |
| Iron | 56-2 | 583211831 | 594538391 | 585645138 | 587798453 | 1.01 | cps |
| Iron | 57-2 | 14764567 | 14505930 | 14339249 | 14536582 | 1.47 | cps |
| Iron | 54-2 | 32263928 | 32468695 | 32800290 | 32510971 | 0.83 | cps |
| Krypton | 83-1 | 567 | 653 | 533 | 584 | 10.60 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:16:20 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10474288 | 11017757 | 10644867 | 10712304 | 2.59 | cps |
| Lead | 207-1 | 8798799 | 8864261 | 8635408 | 8766156 | 1.34 | cps |
| Lead | 208-1 | 40696093 | 41864702 | 40840647 | 41133814 | 1.55 | cps |
| Lithium | 6-1 | 649866 | 662407 | 656317 | 656196 | 0.96 | cps |
| Magnesium | 24-2 | 15910149 | 15654899 | 15603329 | 15722792 | 1.04 | cps |
| Manganese | 55-2 | 4924023 | 4889587 | 4926515 | 4913375 | 0.42 | cps |
| Molybdenum | 94-1 | 263702 | 268188 | 267198 | 266363 | 0.88 | cps |
| Molybdenum | 95-1 | 57218 | 57878 | 57529 | 57542 | 0.57 | cps |
| Molybdenum | 96-1 | 102624 | 103715 | 102040 | 102793 | 0.83 | cps |
| Molybdenum | 97-1 | 36375 | 35974 | 35323 | 35891 | 1.48 | cps |
| Molybdenum | 98-1 | 92736 | 93619 | 91579 | 92644 | 1.10 | cps |
| Neodymium | 150-1 | 192310 | 194517 | 193912 | 193580 | 0.59 | cps |
| Neodymium | 150-2 | 126122 | 124351 | 126633 | 125702 | 0.95 | cps |
| Nickel | 60-2 | 654524 | 650818 | 646085 | 650475 | 0.65 | cps |
| Phosphorus | 31-2 | 158411 | 157858 | 156128 | 157466 | 0.76 | cps |
| Potassium | 39-2 | 6090481 | 6126868 | 5962718 | 6060022 | 1.42 | cps |
| Rhodium | 103-1 | 3668923 | 3702784 | 3661326 | 3677678 | 0.60 | cps |
| Rhodium | 103-2 | 2498443 | 2521322 | 2502777 | 2507514 | 0.48 | cps |
| Scandium | 45-1 | 2661917 | 2618404 | 2629125 | 2636482 | 0.86 | cps |
| Scandium | 45-2 | 287187 | 284241 | 282938 | 284789 | 0.76 | cps |
| Selenium | 82-1 | 2489 | 2389 | 2614 | 2497 | 4.51 | cps |
| Selenium | 77-2 | 870 | 887 | 883 | 880 | 1.00 | cps |
| Selenium | 78-2 | 1613 | 1560 | 1443 | 1539 | 5.65 | cps |
| Silicon | 28-1 | 4450328 | 4476166 | 4167343 | 4364612 | 3.93 | cps |
| Silver | 107-1 | 216371 | 220366 | 222453 | 219730 | 1.41 | cps |
| Silver | 109-1 | 203811 | 206926 | 203884 | 204874 | 0.87 | cps |
| Sodium | 23-2 | 29010277 | 29223283 | 28980898 | 29071486 | 0.46 | cps |
| Strontium | 86-1 | 1137043 | 1139407 | 1134949 | 1137133 | 0.20 | cps |
| Strontium | 88-1 | 10089022 | 10439435 | 10191013 | 10239823 | 1.76 | cps |
| Sulfur | 34-1 | 3125192 | 3167970 | 3130390 | 3141184 | 0.74 | cps |
| Terbium | 159-1 | 4656978 | 4866397 | 4762655 | 4762010 | 2.20 | cps |
| Terbium | 159-2 | 3590632 | 3641611 | 3610423 | 3614222 | 0.71 | cps |
| Thallium | 203-1 | 12222 | 12506 | 12279 | 12336 | 1.22 | cps |
| Thallium | 205-1 | 28921 | 29201 | 29536 | 29219 | 1.05 | cps |
| Tin | 118-1 | 1103012 | 1111946 | 1122493 | 1112483 | 0.88 | cps |
| Titanium | 47-1 | 1774060 | 1820871 | 1762712 | 1785881 | 1.73 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:16:20 | DataFile Name : | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 162478 | 166141 | 164259 | 164292 | 1.11 | cps |
| Vanadium | 51-2 | 1312133 | 1304961 | 1291918 | 1303004 | 0.79 | cps |
| Yttrium | 89-1 | 8274912 | 8589850 | 8439366 | 8434709 | 1.87 | cps |
| Yttrium | 89-2 | 2575259 | 2572146 | 2517192 | 2554866 | 1.28 | cps |
| Zinc | 66-2 | 2871537 | 2803478 | 2834720 | 2836578 | 1.20 | cps |
| Zirconium | 90-1 | 635651 | 635761 | 635152 | 635521 | 0.05 | cps |
| Zirconium | 91-1 | 142835 | 139497 | 141469 | 141267 | 1.19 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:19:36 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8392542 | 8240388 | 8370058 | 8334329 | 0.99 | cps |
| Antimony | 121-1 | 2974 | 3190 | 3020 | 3061 | 3.73 | cps |
| Arsenic | 75-2 | 29080 | 29486 | 28479 | 29015 | 1.75 | cps |
| Barium | 135-1 | 448580 | 464351 | 466600 | 459844 | 2.14 | cps |
| Barium | 137-1 | 776603 | 800557 | 808748 | 795302 | 2.10 | cps |
| Beryllium | 9-1 | 5054 | 5238 | 5034 | 5109 | 2.19 | cps |
| Bismuth | 209-1 | 2911890 | 2867956 | 2881983 | 2887277 | 0.78 | cps |
| Bismuth | 209-2 | 2656069 | 2662636 | 2620272 | 2646326 | 0.86 | cps |
| Bromine | 81-1 | 439305 | 526512 | 574446 | 513421 | 13.34 | cps |
| Bromine | 81-2 | 127055 | 127918 | 129189 | 128054 | 0.84 | cps |
| Cadmium | 108-1 | 1240 | 1093 | 1133 | 1156 | 6.56 | cps |
| Cadmium | 106-1 | 3734 | 3564 | 3784 | 3694 | 3.12 | cps |
| Cadmium | 111-1 | 12326 | 12530 | 12780 | 12545 | 1.81 | cps |
| Calcium | 43-1 | 560748 | 561615 | 557093 | 559819 | 0.43 | cps |
| Calcium | 44-1 | 8974053 | 8986048 | 8802421 | 8920841 | 1.15 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1130488 | 1119886 | 1131347 | 1127240 | 0.57 | cps |
| Cobalt | 59-2 | 281340 | 281270 | 284900 | 282503 | 0.73 | cps |
| Copper | 63-2 | 2750657 | 2741527 | 2740673 | 2744286 | 0.20 | cps |
| Dysprosium | 156-1 | 69893 | 72315 | 71213 | 71141 | 1.70 | cps |
| Dysprosium | 156-2 | 69280 | 69595 | 70794 | 69890 | 1.14 | cps |
| Erbium | 164-1 | 66554 | 69023 | 68105 | 67894 | 1.84 | cps |
| Erbium | 164-2 | 54068 | 53187 | 53348 | 53534 | 0.88 | cps |
| Gadolinium | 160-1 | 72058 | 75013 | 74752 | 73941 | 2.21 | cps |
| Gadolinium | 160-2 | 61220 | 60828 | 60734 | 60927 | 0.42 | cps |
| Holmium | 165-1 | 4646949 | 4839295 | 4800750 | 4762331 | 2.14 | cps |
| Holmium | 165-2 | 3779735 | 3707868 | 3729428 | 3739010 | 0.99 | cps |
| Indium | 115-1 | 3759950 | 3819504 | 3736714 | 3772056 | 1.13 | cps |
| Indium | 115-2 | 1491327 | 1481605 | 1488646 | 1487193 | 0.34 | cps |
| Iron | 56-2 | 350381915 | 350685315 | 355998835 | 352355355 | 0.90 | cps |
| Iron | 57-2 | 8609499 | 8589672 | 8704229 | 8634467 | 0.71 | cps |
| Iron | 54-2 | 19376448 | 19091904 | 19615018 | 19361123 | 1.35 | cps |
| Krypton | 83-1 | 420 | 520 | 473 | 471 | 10.62 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:19:36 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 6886686 | 6959149 | 7013168 | 6953001 | 0.91 | cps |
| Lead | 207-1 | 5806855 | 5685964 | 5779172 | 5757330 | 1.10 | cps |
| Lead | 208-1 | 26402991 | 26874783 | 27088165 | 26788646 | 1.31 | cps |
| Lithium | 6-1 | 645778 | 652841 | 652892 | 650504 | 0.63 | cps |
| Magnesium | 24-2 | 16653738 | 16984711 | 16458699 | 16699049 | 1.59 | cps |
| Manganese | 55-2 | 3704637 | 3753374 | 3671996 | 3710002 | 1.10 | cps |
| Molybdenum | 94-1 | 184994 | 186852 | 183527 | 185125 | 0.90 | cps |
| Molybdenum | 95-1 | 47447 | 47547 | 48641 | 47878 | 1.38 | cps |
| Molybdenum | 96-1 | 78791 | 79756 | 79056 | 79201 | 0.63 | cps |
| Molybdenum | 97-1 | 30071 | 30104 | 30145 | 30107 | 0.12 | cps |
| Molybdenum | 98-1 | 78125 | 77977 | 76301 | 77468 | 1.31 | cps |
| Neodymium | 150-1 | 113015 | 115445 | 115247 | 114569 | 1.18 | cps |
| Neodymium | 150-2 | 75099 | 75850 | 74593 | 75180 | 0.84 | cps |
| Nickel | 60-2 | 502413 | 503683 | 513193 | 506430 | 1.16 | cps |
| Phosphorus | 31-2 | 28113 | 28540 | 28674 | 28442 | 1.03 | cps |
| Potassium | 39-2 | 3685504 | 3609989 | 3637118 | 3644203 | 1.05 | cps |
| Rhodium | 103-1 | 3756121 | 3786544 | 3787965 | 3776877 | 0.48 | cps |
| Rhodium | 103-2 | 2552008 | 2554657 | 2479705 | 2528790 | 1.68 | cps |
| Scandium | 45-1 | 2536744 | 2518021 | 2555509 | 2536758 | 0.74 | cps |
| Scandium | 45-2 | 274727 | 273258 | 271226 | 273071 | 0.64 | cps |
| Selenium | 82-1 | 959 | 916 | 963 | 946 | 2.75 | cps |
| Selenium | 77-2 | 420 | 413 | 413 | 416 | 0.93 | cps |
| Selenium | 78-2 | 837 | 850 | 900 | 862 | 3.87 | cps |
| Silicon | 28-1 | 3670886 | 3801673 | 3917382 | 3796647 | 3.25 | cps |
| Silver | 107-1 | 91245 | 93254 | 94143 | 92881 | 1.60 | cps |
| Silver | 109-1 | 85688 | 88592 | 87868 | 87383 | 1.73 | cps |
| Sodium | 23-2 | 16657187 | 16690679 | 16176711 | 16508193 | 1.74 | cps |
| Strontium | 86-1 | 310082 | 310214 | 311700 | 310665 | 0.29 | cps |
| Strontium | 88-1 | 2811725 | 2736506 | 2836216 | 2794816 | 1.86 | cps |
| Sulfur | 34-1 | 1542262 | 1568886 | 1585516 | 1565555 | 1.39 | cps |
| Terbium | 159-1 | 4724256 | 4811137 | 4784023 | 4773138 | 0.93 | cps |
| Terbium | 159-2 | 3639377 | 3569958 | 3570165 | 3593167 | 1.11 | cps |
| Thallium | 203-1 | 7682 | 8102 | 8259 | 8015 | 3.72 | cps |
| Thallium | 205-1 | 18800 | 19164 | 19157 | 19040 | 1.09 | cps |
| Tin | 118-1 | 667378 | 679697 | 678080 | 675051 | 0.99 | cps |
| Titanium | 47-1 | 943966 | 958624 | 953142 | 951911 | 0.78 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:19:36 | DataFile Name : | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 79593 | 82715 | 79580 | 80629 | 2.24 | cps |
| Vanadium | 51-2 | 385060 | 385186 | 388295 | 386180 | 0.47 | cps |
| Yttrium | 89-1 | 7818521 | 7701472 | 7686882 | 7735625 | 0.93 | cps |
| Yttrium | 89-2 | 2383548 | 2394193 | 2391552 | 2389764 | 0.23 | cps |
| Zinc | 66-2 | 1338721 | 1329228 | 1329234 | 1332394 | 0.41 | cps |
| Zirconium | 90-1 | 433729 | 429485 | 429413 | 430876 | 0.57 | cps |
| Zirconium | 91-1 | 96251 | 96069 | 96821 | 96380 | 0.41 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 16:25:45 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1697579 | 1741629 | 1716086 | 1718431 | 1.29 | cps |
| Antimony | 121-1 | 653 | 733 | 653 | 680 | 6.79 | cps |
| Arsenic | 75-2 | 6022 | 6028 | 6049 | 6033 | 0.24 | cps |
| Barium | 135-1 | 92122 | 92646 | 91351 | 92040 | 0.71 | cps |
| Barium | 137-1 | 160885 | 161598 | 163104 | 161863 | 0.70 | cps |
| Beryllium | 9-1 | 1003 | 1047 | 1050 | 1033 | 2.52 | cps |
| Bismuth | 209-1 | 2873097 | 2870668 | 2958988 | 2900918 | 1.73 | cps |
| Bismuth | 209-2 | 2658650 | 2678504 | 2622416 | 2653190 | 1.07 | cps |
| Bromine | 81-1 | 134219 | 146159 | 149365 | 143247 | 5.57 | cps |
| Bromine | 81-2 | 29710 | 29573 | 29252 | 29512 | 0.80 | cps |
| Cadmium | 108-1 | 240 | 213 | 217 | 223 | 6.50 | cps |
| Cadmium | 106-1 | 2100 | 2130 | 2184 | 2138 | 1.97 | cps |
| Cadmium | 111-1 | 3492 | 3489 | 3637 | 3539 | 2.39 | cps |
| Calcium | 43-1 | 114982 | 114948 | 116440 | 115457 | 0.74 | cps |
| Calcium | 44-1 | 1832536 | 1839641 | 1828483 | 1833553 | 0.31 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 232087 | 230456 | 231223 | 231255 | 0.35 | cps |
| Cobalt | 59-2 | 57851 | 57343 | 58125 | 57773 | 0.69 | cps |
| Copper | 63-2 | 553117 | 552960 | 545969 | 550682 | 0.74 | cps |
| Dysprosium | 156-1 | 14451 | 14241 | 14344 | 14345 | 0.73 | cps |
| Dysprosium | 156-2 | 14264 | 14171 | 14281 | 14238 | 0.42 | cps |
| Erbium | 164-1 | 13417 | 13597 | 13617 | 13543 | 0.81 | cps |
| Erbium | 164-2 | 10898 | 11074 | 10561 | 10844 | 2.41 | cps |
| Gadolinium | 160-1 | 14911 | 14975 | 14811 | 14899 | 0.55 | cps |
| Gadolinium | 160-2 | 12552 | 12526 | 12426 | 12501 | 0.53 | cps |
| Holmium | 165-1 | 4587930 | 4551215 | 4748650 | 4629265 | 2.27 | cps |
| Holmium | 165-2 | 3669780 | 3641224 | 3800571 | 3703858 | 2.29 | cps |
| Indium | 115-1 | 3657975 | 3813613 | 3906413 | 3792667 | 3.31 | cps |
| Indium | 115-2 | 1526250 | 1573522 | 1535284 | 1545019 | 1.62 | cps |
| Iron | 56-2 | 71066892 | 72234059 | 72204349 | 71835100 | 0.93 | cps |
| Iron | 57-2 | 1779487 | 1780754 | 1758697 | 1772980 | 0.70 | cps |
| Iron | 54-2 | 4001506 | 3921059 | 3959868 | 3960811 | 1.02 | cps |
| Krypton | 83-1 | 413 | 390 | 397 | 400 | 3.00 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 16:25:45 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1299296 | 1285584 | 1286703 | 1290527 | 0.59 | cps |
| Lead | 207-1 | 1073008 | 1065474 | 1068899 | 1069127 | 0.35 | cps |
| Lead | 208-1 | 5201322 | 5252435 | 5287144 | 5246967 | 0.82 | cps |
| Lithium | 6-1 | 628918 | 639418 | 653984 | 640773 | 1.96 | cps |
| Magnesium | 24-2 | 3406322 | 3381116 | 3424527 | 3403988 | 0.64 | cps |
| Manganese | 55-2 | 751277 | 750692 | 759972 | 753980 | 0.69 | cps |
| Molybdenum | 94-1 | 37124 | 38059 | 38507 | 37897 | 1.86 | cps |
| Molybdenum | 95-1 | 9907 | 10060 | 9787 | 9918 | 1.38 | cps |
| Molybdenum | 96-1 | 16339 | 16376 | 16726 | 16481 | 1.30 | cps |
| Molybdenum | 97-1 | 6211 | 6442 | 6211 | 6288 | 2.11 | cps |
| Molybdenum | 98-1 | 15662 | 16186 | 15809 | 15885 | 1.70 | cps |
| Neodymium | 150-1 | 22662 | 22678 | 22842 | 22727 | 0.44 | cps |
| Neodymium | 150-2 | 15195 | 15212 | 15265 | 15224 | 0.24 | cps |
| Nickel | 60-2 | 105153 | 106019 | 105713 | 105628 | 0.42 | cps |
| Phosphorus | 31-2 | 6275 | 5935 | 6445 | 6218 | 4.18 | cps |
| Potassium | 39-2 | 808803 | 811013 | 819804 | 813207 | 0.72 | cps |
| Rhodium | 103-1 | 3733453 | 3870901 | 3836881 | 3813745 | 1.88 | cps |
| Rhodium | 103-2 | 2607520 | 2590098 | 2559728 | 2585782 | 0.94 | cps |
| Scandium | 45-1 | 2360995 | 2431863 | 2449143 | 2414000 | 1.93 | cps |
| Scandium | 45-2 | 265546 | 263515 | 262144 | 263735 | 0.65 | cps |
| Selenium | 82-1 | 392 | 389 | 426 | 402 | 5.07 | cps |
| Selenium | 77-2 | 90 | 83 | 93 | 89 | 5.73 | cps |
| Selenium | 78-2 | 473 | 507 | 400 | 460 | 11.86 | cps |
| Silicon | 28-1 | 1435608 | 1457663 | 1455934 | 1449735 | 0.85 | cps |
| Silver | 107-1 | 18669 | 19023 | 18739 | 18810 | 1.00 | cps |
| Silver | 109-1 | 17841 | 17965 | 18822 | 18209 | 2.94 | cps |
| Sodium | 23-2 | 3346773 | 3356431 | 3271022 | 3324742 | 1.41 | cps |
| Strontium | 86-1 | 63704 | 63875 | 64936 | 64172 | 1.04 | cps |
| Strontium | 88-1 | 555480 | 557511 | 562917 | 558636 | 0.69 | cps |
| Sulfur | 34-1 | 428030 | 429765 | 433816 | 430537 | 0.69 | cps |
| Terbium | 159-1 | 4629394 | 4600252 | 4904853 | 4711500 | 3.57 | cps |
| Terbium | 159-2 | 3583421 | 3568569 | 3593843 | 3581944 | 0.35 | cps |
| Thallium | 203-1 | 1810 | 2040 | 1873 | 1908 | 6.23 | cps |
| Thallium | 205-1 | 4351 | 4207 | 4404 | 4321 | 2.35 | cps |
| Tin | 118-1 | 137248 | 138408 | 137981 | 137879 | 0.43 | cps |
| Titanium | 47-1 | 194891 | 196614 | 196210 | 195905 | 0.46 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 16:25:45 | DataFile Name : | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 16988 | 16604 | 16734 | 16775 | 1.16 | cps |
| Vanadium | 51-2 | 78687 | 77732 | 77300 | 77907 | 0.91 | cps |
| Yttrium | 89-1 | 6942940 | 6977386 | 7057511 | 6992612 | 0.84 | cps |
| Yttrium | 89-2 | 2160504 | 2117271 | 2165916 | 2147897 | 1.24 | cps |
| Zinc | 66-2 | 281105 | 278310 | 278551 | 279322 | 0.55 | cps |
| Zirconium | 90-1 | 86541 | 87737 | 86477 | 86918 | 0.82 | cps |
| Zirconium | 91-1 | 18856 | 19430 | 19657 | 19314 | 2.14 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:31:54 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10223795 | 9946818 | 9600717 | 9923777 | 3.15 | cps |
| Antimony | 121-1 | 2225257 | 2215044 | 2233974 | 2224758 | 0.43 | cps |
| Arsenic | 75-2 | 223614 | 221022 | 220742 | 221793 | 0.71 | cps |
| Barium | 135-1 | 2930754 | 2936871 | 2896060 | 2921228 | 0.75 | cps |
| Barium | 137-1 | 4970217 | 5133389 | 5040619 | 5048075 | 1.62 | cps |
| Beryllium | 9-1 | 397663 | 403261 | 395837 | 398920 | 0.97 | cps |
| Bismuth | 209-1 | 2914492 | 2925127 | 2958197 | 2932605 | 0.78 | cps |
| Bismuth | 209-2 | 2677339 | 2599315 | 2670060 | 2648905 | 1.63 | cps |
| Bromine | 81-1 | 423015 | 525118 | 584893 | 511008 | 16.02 | cps |
| Bromine | 81-2 | 129838 | 132383 | 133521 | 131914 | 1.43 | cps |
| Cadmium | 108-1 | 45254 | 46193 | 45779 | 45742 | 1.03 | cps |
| Cadmium | 106-1 | 65605 | 67305 | 67302 | 66737 | 1.47 | cps |
| Cadmium | 111-1 | 644043 | 652750 | 648113 | 648302 | 0.67 | cps |
| Calcium | 43-1 | 1221373 | 1222371 | 1226642 | 1223462 | 0.23 | cps |
| Calcium | 44-1 | 19748574 | 19677563 | 19295259 | 19573799 | 1.25 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2611263 | 2634391 | 2519629 | 2588428 | 2.34 | cps |
| Cobalt | 59-2 | 2213476 | 2147442 | 2216113 | 2192344 | 1.77 | cps |
| Copper | 63-2 | 16907413 | 16600367 | 16474322 | 16660701 | 1.34 | cps |
| Dysprosium | 156-1 | 72154 | 72750 | 74245 | 73050 | 1.47 | cps |
| Dysprosium | 156-2 | 72138 | 71340 | 71501 | 71660 | 0.59 | cps |
| Erbium | 164-1 | 71580 | 71753 | 71854 | 71729 | 0.19 | cps |
| Erbium | 164-2 | 56008 | 54610 | 53803 | 54807 | 2.04 | cps |
| Gadolinium | 160-1 | 76494 | 78375 | 77556 | 77475 | 1.22 | cps |
| Gadolinium | 160-2 | 63453 | 62733 | 62619 | 62935 | 0.72 | cps |
| Holmium | 165-1 | 4678918 | 4814761 | 4744094 | 4745924 | 1.43 | cps |
| Holmium | 165-2 | 3764047 | 3616423 | 3697364 | 3692611 | 2.00 | cps |
| Indium | 115-1 | 3709263 | 3613039 | 3698056 | 3673453 | 1.43 | cps |
| Indium | 115-2 | 1453091 | 1448470 | 1422316 | 1441292 | 1.15 | cps |
| Iron | 56-2 | 411862047 | 409217181 | 411855487 | 410978238 | 0.37 | cps |
| Iron | 57-2 | 10284033 | 10031517 | 10178088 | 10164546 | 1.25 | cps |
| Iron | 54-2 | 22990965 | 22731827 | 22694419 | 22805737 | 0.71 | cps |
| Krypton | 83-1 | 490 | 477 | 557 | 508 | 8.44 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:31:54 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 13436139 | 13686055 | 13511924 | 13544706 | 0.95 | cps |
| Lead | 207-1 | 11636943 | 11405844 | 11190928 | 11411238 | 1.95 | cps |
| Lead | 208-1 | 52998039 | 52898208 | 52877599 | 52924616 | 0.12 | cps |
| Lithium | 6-1 | 640098 | 652310 | 653786 | 648731 | 1.16 | cps |
| Magnesium | 24-2 | 30119771 | 30332561 | 29799536 | 30083956 | 0.89 | cps |
| Manganese | 55-2 | 13751995 | 13525505 | 13559508 | 13612336 | 0.90 | cps |
| Molybdenum | 94-1 | 4090452 | 4252059 | 4054930 | 4132480 | 2.54 | cps |
| Molybdenum | 95-1 | 4363083 | 4367673 | 4372262 | 4367673 | 0.11 | cps |
| Molybdenum | 96-1 | 4909075 | 4934432 | 4844986 | 4896165 | 0.94 | cps |
| Molybdenum | 97-1 | 2666950 | 2652163 | 2683378 | 2667497 | 0.59 | cps |
| Molybdenum | 98-1 | 6923940 | 6912272 | 6997433 | 6944548 | 0.66 | cps |
| Neodymium | 150-1 | 115973 | 117817 | 118016 | 117268 | 0.96 | cps |
| Neodymium | 150-2 | 75564 | 76560 | 74847 | 75657 | 1.14 | cps |
| Nickel | 60-2 | 1009000 | 1000731 | 991280 | 1000337 | 0.89 | cps |
| Phosphorus | 31-2 | 31576 | 31419 | 30784 | 31260 | 1.34 | cps |
| Potassium | 39-2 | 10032253 | 10017365 | 9948706 | 9999441 | 0.45 | cps |
| Rhodium | 103-1 | 3719979 | 3691275 | 3596251 | 3669168 | 1.76 | cps |
| Rhodium | 103-2 | 2492320 | 2495794 | 2431632 | 2473248 | 1.46 | cps |
| Scandium | 45-1 | 2503839 | 2517545 | 2431317 | 2484234 | 1.87 | cps |
| Scandium | 45-2 | 270087 | 271549 | 266963 | 269533 | 0.87 | cps |
| Selenium | 82-1 | 53687 | 53829 | 54011 | 53842 | 0.30 | cps |
| Selenium | 77-2 | 7045 | 6902 | 6742 | 6896 | 2.20 | cps |
| Selenium | 78-2 | 21980 | 22137 | 22036 | 22051 | 0.36 | cps |
| Silicon | 28-1 | 3621131 | 4178755 | 4309356 | 4036414 | 9.06 | cps |
| Silver | 107-1 | 599982 | 615114 | 610364 | 608487 | 1.27 | cps |
| Silver | 109-1 | 564930 | 572612 | 574981 | 570841 | 0.92 | cps |
| Sodium | 23-2 | 38670070 | 38556795 | 37444099 | 38223655 | 1.77 | cps |
| Strontium | 86-1 | 1172645 | 1195481 | 1194493 | 1187540 | 1.09 | cps |
| Strontium | 88-1 | 10598680 | 10657493 | 10807529 | 10687900 | 1.01 | cps |
| Sulfur | 34-1 | 1797352 | 1818665 | 1787290 | 1801102 | 0.89 | cps |
| Terbium | 159-1 | 4735747 | 4768532 | 4943515 | 4815931 | 2.32 | cps |
| Terbium | 159-2 | 3567743 | 3558241 | 3537981 | 3554655 | 0.43 | cps |
| Thallium | 203-1 | 2086420 | 2129002 | 2076414 | 2097279 | 1.33 | cps |
| Thallium | 205-1 | 5019309 | 5061135 | 5022285 | 5034243 | 0.46 | cps |
| Tin | 118-1 | 2166755 | 2172391 | 2244240 | 2194462 | 1.97 | cps |
| Titanium | 47-1 | 929045 | 946582 | 933286 | 936304 | 0.98 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MSD | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:31:54 | DataFile Name : | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6223250 | 6307748 | 6373311 | 6301436 | 1.19 | cps |
| Vanadium | 51-2 | 1468614 | 1447302 | 1469934 | 1461950 | 0.87 | cps |
| Yttrium | 89-1 | 7715883 | 7676693 | 7529209 | 7640595 | 1.29 | cps |
| Yttrium | 89-2 | 2412533 | 2334935 | 2313400 | 2353623 | 2.22 | cps |
| Zinc | 66-2 | 3947750 | 3924250 | 3915252 | 3929084 | 0.43 | cps |
| Zirconium | 90-1 | 4442732 | 4367246 | 4314356 | 4374778 | 1.47 | cps |
| Zirconium | 91-1 | 946083 | 958808 | 949693 | 951528 | 0.69 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:40:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8656513 | 8717808 | 8446197 | 8606839 | 1.66 | cps |
| Antimony | 121-1 | 4097 | 4397 | 4084 | 4193 | 4.23 | cps |
| Arsenic | 75-2 | 29524 | 29764 | 29756 | 29681 | 0.46 | cps |
| Barium | 135-1 | 509720 | 514532 | 516984 | 513745 | 0.72 | cps |
| Barium | 137-1 | 882572 | 906034 | 887456 | 892020 | 1.39 | cps |
| Beryllium | 9-1 | 5171 | 4961 | 5264 | 5132 | 3.03 | cps |
| Bismuth | 209-1 | 3086732 | 3119323 | 3063360 | 3089805 | 0.91 | cps |
| Bismuth | 209-2 | 2801462 | 2780703 | 2781191 | 2787785 | 0.42 | cps |
| Bromine | 81-1 | 389449 | 495993 | 553287 | 479576 | 17.34 | cps |
| Bromine | 81-2 | 121861 | 124479 | 126274 | 124205 | 1.79 | cps |
| Cadmium | 108-1 | 1297 | 1210 | 1270 | 1259 | 3.53 | cps |
| Cadmium | 106-1 | 3941 | 3781 | 3637 | 3786 | 4.01 | cps |
| Cadmium | 111-1 | 13429 | 12920 | 13235 | 13195 | 1.94 | cps |
| Calcium | 43-1 | 578008 | 573914 | 577575 | 576499 | 0.39 | cps |
| Calcium | 44-1 | 9192113 | 8934083 | 8948280 | 9024825 | 1.61 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1164426 | 1171014 | 1159090 | 1164843 | 0.51 | cps |
| Cobalt | 59-2 | 294430 | 292447 | 289524 | 292133 | 0.84 | cps |
| Copper | 63-2 | 2843910 | 2851176 | 2739941 | 2811676 | 2.21 | cps |
| Dysprosium | 156-1 | 74556 | 74151 | 74841 | 74516 | 0.47 | cps |
| Dysprosium | 156-2 | 75301 | 75009 | 74613 | 74975 | 0.46 | cps |
| Erbium | 164-1 | 70447 | 72420 | 71077 | 71315 | 1.41 | cps |
| Erbium | 164-2 | 57217 | 56919 | 55902 | 56679 | 1.22 | cps |
| Gadolinium | 160-1 | 77557 | 78881 | 78485 | 78307 | 0.87 | cps |
| Gadolinium | 160-2 | 65573 | 64595 | 64773 | 64980 | 0.80 | cps |
| Holmium | 165-1 | 4868233 | 4924449 | 4918921 | 4903868 | 0.63 | cps |
| Holmium | 165-2 | 3910126 | 3883457 | 3798856 | 3864146 | 1.50 | cps |
| Indium | 115-1 | 3963909 | 3946264 | 3890111 | 3933428 | 0.98 | cps |
| Indium | 115-2 | 1563534 | 1536431 | 1524187 | 1541384 | 1.31 | cps |
| Iron | 56-2 | 372168768 | 363559955 | 362757541 | 366162088 | 1.42 | cps |
| Iron | 57-2 | 8998463 | 8945103 | 8912582 | 8952050 | 0.48 | cps |
| Iron | 54-2 | 19907625 | 20014421 | 19819207 | 19913751 | 0.49 | cps |
| Krypton | 83-1 | 417 | 553 | 527 | 499 | 14.52 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:40:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7319317 | 7303860 | 7363268 | 7328815 | 0.42 | cps |
| Lead | 207-1 | 6189109 | 6229070 | 6109922 | 6176034 | 0.98 | cps |
| Lead | 208-1 | 28257732 | 28575914 | 28372394 | 28402013 | 0.57 | cps |
| Lithium | 6-1 | 669237 | 667700 | 670109 | 669015 | 0.18 | cps |
| Magnesium | 24-2 | 17318221 | 16985700 | 17233623 | 17179181 | 1.01 | cps |
| Manganese | 55-2 | 3843326 | 3890794 | 3780598 | 3838239 | 1.44 | cps |
| Molybdenum | 94-1 | 193128 | 192528 | 198824 | 194827 | 1.78 | cps |
| Molybdenum | 95-1 | 49704 | 50554 | 50433 | 50230 | 0.92 | cps |
| Molybdenum | 96-1 | 83521 | 82364 | 83671 | 83185 | 0.86 | cps |
| Molybdenum | 97-1 | 30582 | 30228 | 31598 | 30803 | 2.31 | cps |
| Molybdenum | 98-1 | 80879 | 80906 | 83853 | 81879 | 2.09 | cps |
| Neodymium | 150-1 | 119629 | 123418 | 119700 | 120916 | 1.79 | cps |
| Neodymium | 150-2 | 80130 | 79013 | 78906 | 79350 | 0.85 | cps |
| Nickel | 60-2 | 525138 | 519023 | 520499 | 521553 | 0.61 | cps |
| Phosphorus | 31-2 | 28697 | 29268 | 28346 | 28770 | 1.62 | cps |
| Potassium | 39-2 | 3822809 | 3715589 | 3791604 | 3776667 | 1.46 | cps |
| Rhodium | 103-1 | 3814757 | 3704276 | 3834354 | 3784462 | 1.85 | cps |
| Rhodium | 103-2 | 2641751 | 2590396 | 2593326 | 2608491 | 1.11 | cps |
| Scandium | 45-1 | 2574834 | 2537473 | 2566692 | 2559666 | 0.77 | cps |
| Scandium | 45-2 | 275379 | 277072 | 277486 | 276646 | 0.40 | cps |
| Selenium | 82-1 | 878 | 854 | 826 | 853 | 3.05 | cps |
| Selenium | 77-2 | 453 | 447 | 467 | 456 | 2.24 | cps |
| Selenium | 78-2 | 667 | 763 | 813 | 748 | 9.97 | cps |
| Silicon | 28-1 | 12632030 | 12681691 | 12989261 | 12767661 | 1.52 | cps |
| Silver | 107-1 | 92566 | 93730 | 95364 | 93887 | 1.50 | cps |
| Silver | 109-1 | 87083 | 90323 | 90430 | 89279 | 2.13 | cps |
| Sodium | 23-2 | 17210691 | 16973756 | 17005331 | 17063259 | 0.75 | cps |
| Strontium | 86-1 | 314979 | 322962 | 327760 | 321900 | 2.01 | cps |
| Strontium | 88-1 | 2847355 | 2917542 | 2936514 | 2900470 | 1.62 | cps |
| Sulfur | 34-1 | 1689239 | 1669097 | 1669291 | 1675876 | 0.69 | cps |
| Terbium | 159-1 | 4935947 | 4763424 | 4911950 | 4870441 | 1.92 | cps |
| Terbium | 159-2 | 3737055 | 3754405 | 3737167 | 3742876 | 0.27 | cps |
| Thallium | 203-1 | 7212 | 7009 | 6952 | 7057 | 1.94 | cps |
| Thallium | 205-1 | 17131 | 17101 | 16774 | 17002 | 1.16 | cps |
| Tin | 118-1 | 764459 | 774863 | 776246 | 771856 | 0.83 | cps |
| Titanium | 47-1 | 1044683 | 1049804 | 1044595 | 1046361 | 0.29 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:40:27 | DataFile Name : | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 87039 | 88184 | 87986 | 87737 | 0.70 | cps |
| Vanadium | 51-2 | 399816 | 395700 | 390954 | 395490 | 1.12 | cps |
| Yttrium | 89-1 | 7889011 | 7842762 | 7824128 | 7851967 | 0.43 | cps |
| Yttrium | 89-2 | 2460330 | 2468654 | 2421515 | 2450167 | 1.03 | cps |
| Zinc | 66-2 | 1383940 | 1375809 | 1374902 | 1378217 | 0.36 | cps |
| Zirconium | 90-1 | 447681 | 453954 | 463995 | 455210 | 1.81 | cps |
| Zirconium | 91-1 | 99666 | 99908 | 103596 | 101056 | 2.18 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:43:37 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10052944 | 10248144 | 10179387 | 10160158 | 0.97 | cps |
| Antimony | 121-1 | 2232187 | 2293035 | 2283649 | 2269623 | 1.44 | cps |
| Arsenic | 75-2 | 229479 | 226810 | 229014 | 228434 | 0.62 | cps |
| Barium | 135-1 | 2941459 | 2963680 | 2977075 | 2960738 | 0.61 | cps |
| Barium | 137-1 | 5129760 | 5147890 | 5172174 | 5149941 | 0.41 | cps |
| Beryllium | 9-1 | 403943 | 411397 | 418031 | 411124 | 1.71 | cps |
| Bismuth | 209-1 | 3072538 | 2999176 | 3073912 | 3048542 | 1.40 | cps |
| Bismuth | 209-2 | 2743667 | 2716549 | 2720878 | 2727031 | 0.53 | cps |
| Bromine | 81-1 | 412001 | 511139 | 569492 | 497544 | 16.00 | cps |
| Bromine | 81-2 | 129273 | 130477 | 132538 | 130763 | 1.26 | cps |
| Cadmium | 108-1 | 46631 | 48029 | 48100 | 47587 | 1.74 | cps |
| Cadmium | 106-1 | 68594 | 69492 | 70008 | 69365 | 1.03 | cps |
| Cadmium | 111-1 | 661123 | 673172 | 681283 | 671860 | 1.51 | cps |
| Calcium | 43-1 | 1256922 | 1295883 | 1324155 | 1292320 | 2.61 | cps |
| Calcium | 44-1 | 20306981 | 20355178 | 20809520 | 20490560 | 1.35 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2647468 | 2651691 | 2670263 | 2656474 | 0.46 | cps |
| Cobalt | 59-2 | 2256200 | 2270484 | 2284348 | 2270344 | 0.62 | cps |
| Copper | 63-2 | 17393368 | 17127600 | 17078639 | 17199869 | 0.98 | cps |
| Dysprosium | 156-1 | 73937 | 74714 | 76031 | 74894 | 1.41 | cps |
| Dysprosium | 156-2 | 73384 | 72824 | 74969 | 73726 | 1.51 | cps |
| Erbium | 164-1 | 72149 | 73774 | 75282 | 73735 | 2.13 | cps |
| Erbium | 164-2 | 57003 | 56477 | 57066 | 56849 | 0.57 | cps |
| Gadolinium | 160-1 | 78636 | 80014 | 79484 | 79378 | 0.88 | cps |
| Gadolinium | 160-2 | 65007 | 65358 | 64792 | 65052 | 0.44 | cps |
| Holmium | 165-1 | 4852944 | 4960097 | 4980151 | 4931064 | 1.39 | cps |
| Holmium | 165-2 | 3860925 | 3827545 | 3808292 | 3832254 | 0.69 | cps |
| Indium | 115-1 | 3835245 | 3795620 | 3782806 | 3804557 | 0.72 | cps |
| Indium | 115-2 | 1509291 | 1503790 | 1506268 | 1506450 | 0.18 | cps |
| Iron | 56-2 | 424916274 | 427542967 | 428713287 | 427057509 | 0.46 | cps |
| Iron | 57-2 | 10472307 | 10583357 | 10313664 | 10456443 | 1.30 | cps |
| Iron | 54-2 | 23871782 | 23531179 | 23453516 | 23618826 | 0.94 | cps |
| Krypton | 83-1 | 443 | 493 | 513 | 483 | 7.46 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:43:37 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 13895551 | 14054891 | 14048187 | 13999543 | 0.64 | cps |
| Lead | 207-1 | 11396631 | 11501529 | 11884811 | 11594324 | 2.22 | cps |
| Lead | 208-1 | 53377985 | 54023970 | 54106723 | 53836226 | 0.74 | cps |
| Lithium | 6-1 | 674873 | 687787 | 688630 | 683763 | 1.13 | cps |
| Magnesium | 24-2 | 30654022 | 31559763 | 31420085 | 31211290 | 1.56 | cps |
| Manganese | 55-2 | 13970422 | 14079071 | 14109994 | 14053162 | 0.52 | cps |
| Molybdenum | 94-1 | 4108343 | 4158914 | 4204083 | 4157113 | 1.15 | cps |
| Molybdenum | 95-1 | 4385997 | 4396240 | 4586905 | 4456381 | 2.54 | cps |
| Molybdenum | 96-1 | 4897735 | 5038615 | 5115226 | 5017192 | 2.20 | cps |
| Molybdenum | 97-1 | 2649619 | 2670938 | 2743233 | 2687930 | 1.83 | cps |
| Molybdenum | 98-1 | 7099110 | 7128297 | 7109611 | 7112339 | 0.21 | cps |
| Neodymium | 150-1 | 120114 | 120044 | 121865 | 120674 | 0.86 | cps |
| Neodymium | 150-2 | 78588 | 79275 | 78045 | 78636 | 0.78 | cps |
| Nickel | 60-2 | 1041731 | 1045777 | 1032933 | 1040147 | 0.63 | cps |
| Phosphorus | 31-2 | 31887 | 31756 | 31837 | 31826 | 0.21 | cps |
| Potassium | 39-2 | 10288547 | 10287278 | 10456612 | 10344146 | 0.94 | cps |
| Rhodium | 103-1 | 3779351 | 3707609 | 3781158 | 3756039 | 1.12 | cps |
| Rhodium | 103-2 | 2566044 | 2580501 | 2543744 | 2563430 | 0.72 | cps |
| Scandium | 45-1 | 2646264 | 2518876 | 2611369 | 2592170 | 2.54 | cps |
| Scandium | 45-2 | 277534 | 277790 | 278624 | 277983 | 0.20 | cps |
| Selenium | 82-1 | 53857 | 54913 | 55586 | 54786 | 1.59 | cps |
| Selenium | 77-2 | 6848 | 6965 | 7155 | 6989 | 2.22 | cps |
| Selenium | 78-2 | 22587 | 23258 | 23068 | 22971 | 1.50 | cps |
| Silicon | 28-1 | 3621478 | 3739706 | 3866133 | 3742439 | 3.27 | cps |
| Silver | 107-1 | 615850 | 623233 | 626398 | 621827 | 0.87 | cps |
| Silver | 109-1 | 581694 | 589399 | 595892 | 588995 | 1.21 | cps |
| Sodium | 23-2 | 39019878 | 40068274 | 39890948 | 39659700 | 1.41 | cps |
| Strontium | 86-1 | 1205893 | 1215481 | 1241162 | 1220845 | 1.49 | cps |
| Strontium | 88-1 | 11081867 | 11210279 | 11182131 | 11158092 | 0.60 | cps |
| Sulfur | 34-1 | 1916711 | 1842209 | 1842424 | 1867115 | 2.30 | cps |
| Terbium | 159-1 | 4838476 | 4830571 | 5008934 | 4892660 | 2.06 | cps |
| Terbium | 159-2 | 3705941 | 3762742 | 3704139 | 3724274 | 0.89 | cps |
| Thallium | 203-1 | 2130017 | 2180762 | 2167104 | 2159294 | 1.22 | cps |
| Thallium | 205-1 | 4935363 | 5168341 | 5315382 | 5139696 | 3.73 | cps |
| Tin | 118-1 | 2287501 | 2305427 | 2289074 | 2294000 | 0.43 | cps |
| Titanium | 47-1 | 953112 | 969348 | 972209 | 964890 | 1.07 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05MS | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:43:37 | DataFile Name : | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6534329 | 6427237 | 6466340 | 6475969 | 0.84 | cps |
| Vanadium | 51-2 | 1515852 | 1488655 | 1507485 | 1503997 | 0.93 | cps |
| Yttrium | 89-1 | 7903421 | 7960006 | 8013737 | 7959055 | 0.69 | cps |
| Yttrium | 89-2 | 2435519 | 2402964 | 2434345 | 2424276 | 0.76 | cps |
| Zinc | 66-2 | 4099077 | 4083834 | 4069503 | 4084138 | 0.36 | cps |
| Zirconium | 90-1 | 4403952 | 4525513 | 4476320 | 4468595 | 1.37 | cps |
| Zirconium | 91-1 | 960266 | 978311 | 994776 | 977785 | 1.77 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:46:31 | DataFile Name : | 086CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7899257 | 8017734 | 7928794 | 7948595 | 0.78 | cps |
| Antimony | 121-1 | 2389684 | 2482185 | 2502059 | 2457976 | 2.44 | cps |
| Arsenic | 75-2 | 199171 | 197220 | 197960 | 198117 | 0.50 | cps |
| Barium | 135-1 | 2928488 | 2932394 | 2937000 | 2932627 | 0.15 | cps |
| Barium | 137-1 | 4970660 | 4959936 | 5013866 | 4981487 | 0.57 | cps |
| Beryllium | 9-1 | 439899 | 443727 | 439012 | 440879 | 0.57 | cps |
| Bismuth | 209-1 | 2936136 | 3002027 | 2939570 | 2959244 | 1.25 | cps |
| Bismuth | 209-2 | 2701231 | 2599000 | 2609325 | 2636519 | 2.13 | cps |
| Bromine | 81-1 | 42521 | 38430 | 35309 | 38753 | 9.33 | cps |
| Bromine | 81-2 | 4331 | 4461 | 3907 | 4233 | 6.84 | cps |
| Cadmium | 108-1 | 48845 | 50046 | 50099 | 49664 | 1.43 | cps |
| Cadmium | 106-1 | 70082 | 70229 | 70155 | 70155 | 0.11 | cps |
| Cadmium | 111-1 | 680382 | 681687 | 691539 | 684536 | 0.89 | cps |
| Calcium | 43-1 | 3365896 | 3420631 | 3428330 | 3404953 | 1.00 | cps |
| Calcium | 44-1 | 55260791 | 53958419 | 55319536 | 54846249 | 1.40 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1370632 | 1406839 | 1317446 | 1364972 | 3.29 | cps |
| Cobalt | 59-2 | 2084004 | 2089435 | 2059751 | 2077730 | 0.76 | cps |
| Copper | 63-2 | 16057244 | 15744779 | 15691898 | 15831307 | 1.25 | cps |
| Dysprosium | 156-1 | 200 | 183 | 197 | 193 | 4.56 | cps |
| Dysprosium | 156-2 | 313 | 333 | 310 | 319 | 3.96 | cps |
| Erbium | 164-1 | 317 | 307 | 410 | 344 | 16.55 | cps |
| Erbium | 164-2 | 303 | 260 | 193 | 252 | 21.97 | cps |
| Gadolinium | 160-1 | 177 | 233 | 200 | 203 | 14.01 | cps |
| Gadolinium | 160-2 | 443 | 340 | 363 | 382 | 14.18 | cps |
| Holmium | 165-1 | 5021747 | 5018087 | 4941415 | 4993750 | 0.91 | cps |
| Holmium | 165-2 | 3850078 | 3881513 | 3837954 | 3856515 | 0.58 | cps |
| Indium | 115-1 | 3780853 | 3798993 | 3850514 | 3810120 | 0.95 | cps |
| Indium | 115-2 | 1506873 | 1502200 | 1492191 | 1500421 | 0.50 | cps |
| Iron | 56-2 | 315531282 | 313996622 | 309657949 | 313061951 | 0.97 | cps |
| Iron | 57-2 | 7862893 | 7703522 | 7724635 | 7763683 | 1.11 | cps |
| Iron | 54-2 | 17232997 | 17269447 | 16725446 | 17075963 | 1.78 | cps |
| Krypton | 83-1 | 323 | 413 | 327 | 354 | 14.40 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:46:31 | DataFile Name : | 086CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9472702 | 9563987 | 9635636 | 9557442 | 0.85 | cps |
| Lead | 207-1 | 8225155 | 8175078 | 8187461 | 8195898 | 0.32 | cps |
| Lead | 208-1 | 37486592 | 37918507 | 37456542 | 37620547 | 0.69 | cps |
| Lithium | 6-1 | 677685 | 684055 | 673191 | 678311 | 0.80 | cps |
| Magnesium | 24-2 | 70948619 | 69909129 | 69809184 | 70222311 | 0.90 | cps |
| Manganese | 55-2 | 11112300 | 11303874 | 11200132 | 11205436 | 0.86 | cps |
| Molybdenum | 94-1 | 9209331 | 9202312 | 9195913 | 9202519 | 0.07 | cps |
| Molybdenum | 95-1 | 12815161 | 12921302 | 13105034 | 12947166 | 1.13 | cps |
| Molybdenum | 96-1 | 13824533 | 14032079 | 14148375 | 14001662 | 1.17 | cps |
| Molybdenum | 97-1 | 7947757 | 7972014 | 7988557 | 7969443 | 0.26 | cps |
| Molybdenum | 98-1 | 20667677 | 21254585 | 21231545 | 21051269 | 1.58 | cps |
| Neodymium | 150-1 | 167 | 187 | 193 | 182 | 7.62 | cps |
| Neodymium | 150-2 | 73 | 93 | 87 | 84 | 12.06 | cps |
| Nickel | 60-2 | 528769 | 520543 | 521371 | 523561 | 0.87 | cps |
| Phosphorus | 31-2 | 92789 | 92269 | 93141 | 92733 | 0.47 | cps |
| Potassium | 39-2 | 36441940 | 36735890 | 36178545 | 36452125 | 0.76 | cps |
| Rhodium | 103-1 | 3761280 | 3842267 | 3775000 | 3792849 | 1.14 | cps |
| Rhodium | 103-2 | 2573676 | 2559114 | 2511970 | 2548253 | 1.27 | cps |
| Scandium | 45-1 | 2465483 | 2434834 | 2463255 | 2454524 | 0.70 | cps |
| Scandium | 45-2 | 265428 | 264405 | 261926 | 263920 | 0.68 | cps |
| Selenium | 82-1 | 55662 | 55609 | 56590 | 55954 | 0.99 | cps |
| Selenium | 77-2 | 6585 | 6521 | 6788 | 6632 | 2.10 | cps |
| Selenium | 78-2 | 22808 | 22935 | 22798 | 22847 | 0.33 | cps |
| Silicon | 28-1 | 25981922 | 25759315 | 25359545 | 25700260 | 1.23 | cps |
| Silver | 107-1 | 3360757 | 3334980 | 3370356 | 3355364 | 0.55 | cps |
| Silver | 109-1 | 3245513 | 3144963 | 3241632 | 3210703 | 1.77 | cps |
| Sodium | 23-2 | 110426345 | 109527235 | 109003912 | 109652497 | 0.66 | cps |
| Strontium | 86-1 | 805192 | 808221 | 812848 | 808754 | 0.48 | cps |
| Strontium | 88-1 | 7186779 | 7395930 | 7416395 | 7333035 | 1.73 | cps |
| Sulfur | 34-1 | 396037 | 401265 | 399450 | 398917 | 0.67 | cps |
| Terbium | 159-1 | 4879936 | 4895239 | 4895051 | 4890075 | 0.18 | cps |
| Terbium | 159-2 | 3700290 | 3765314 | 3663505 | 3709703 | 1.39 | cps |
| Thallium | 203-1 | 2289213 | 2331758 | 2356613 | 2325861 | 1.47 | cps |
| Thallium | 205-1 | 5560933 | 5629854 | 5540900 | 5577229 | 0.84 | cps |
| Tin | 118-1 | 2048787 | 2053875 | 2104508 | 2069057 | 1.49 | cps |
| Titanium | 47-1 | 3448562 | 3422918 | 3430087 | 3433856 | 0.39 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:46:31 | DataFile Name : | 086CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 7289132 | 6886545 | 7006055 | 7060577 | 2.93 | cps |
| Vanadium | 51-2 | 1143100 | 1133460 | 1135429 | 1137329 | 0.45 | cps |
| Yttrium | 89-1 | 6987168 | 7013642 | 6916123 | 6972311 | 0.72 | cps |
| Yttrium | 89-2 | 2123743 | 2065236 | 2140436 | 2109805 | 1.87 | cps |
| Zinc | 66-2 | 3020179 | 2983810 | 2950675 | 2984888 | 1.16 | cps |
| Zirconium | 90-1 | 4523842 | 4609018 | 4445415 | 4526092 | 1.81 | cps |
| Zirconium | 91-1 | 965781 | 992952 | 983694 | 980809 | 1.41 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:55:07 | DataFile Name : | 087CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 473 | 397 | 467 | 446 | 9.53 | cps |
| Antimony | 121-1 | 303 | 283 | 283 | 290 | 3.98 | cps |
| Arsenic | 75-2 | 11 | 5 | 5 | 7 | 57.30 | cps |
| Barium | 135-1 | 37 | 30 | 33 | 33 | 10.01 | cps |
| Barium | 137-1 | 70 | 40 | 50 | 53 | 28.64 | cps |
| Beryllium | 9-1 | 10 | 20 | 20 | 17 | 34.64 | cps |
| Bismuth | 209-1 | 2951162 | 2937239 | 2902213 | 2930205 | 0.86 | cps |
| Bismuth | 209-2 | 2582936 | 2701293 | 2570428 | 2618219 | 2.76 | cps |
| Bromine | 81-1 | 10934 | 10834 | 10907 | 10892 | 0.48 | cps |
| Bromine | 81-2 | 843 | 810 | 777 | 810 | 4.12 | cps |
| Cadmium | 108-1 | 13 | 13 | 17 | 14 | 13.35 | cps |
| Cadmium | 106-1 | 1420 | 1483 | 1327 | 1410 | 5.59 | cps |
| Cadmium | 111-1 | 1005 | 1059 | 960 | 1008 | 4.90 | cps |
| Calcium | 43-1 | 160 | 127 | 113 | 133 | 18.03 | cps |
| Calcium | 44-1 | 17687 | 17637 | 17554 | 17626 | 0.38 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1473 | 1417 | 1487 | 1459 | 2.55 | cps |
| Cobalt | 59-2 | 43 | 73 | 73 | 63 | 27.35 | cps |
| Copper | 63-2 | 1297 | 1267 | 1147 | 1237 | 6.42 | cps |
| Dysprosium | 156-1 | 13 | 10 | 7 | 10 | 33.30 | cps |
| Dysprosium | 156-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Erbium | 164-1 | 13 | 27 | 10 | 17 | 52.93 | cps |
| Erbium | 164-2 | 17 | 17 | 10 | 14 | 26.66 | cps |
| Gadolinium | 160-1 | 13 | 20 | 10 | 14 | 35.26 | cps |
| Gadolinium | 160-2 | 263 | 270 | 290 | 274 | 5.06 | cps |
| Holmium | 165-1 | 4754884 | 4587053 | 4616258 | 4652732 | 1.93 | cps |
| Holmium | 165-2 | 3749921 | 3634170 | 3591736 | 3658609 | 2.24 | cps |
| Indium | 115-1 | 3742800 | 3698180 | 3689577 | 3710185 | 0.77 | cps |
| Indium | 115-2 | 1474166 | 1455983 | 1469505 | 1466551 | 0.64 | cps |
| Iron | 56-2 | 24807 | 24323 | 25303 | 24811 | 1.97 | cps |
| Iron | 57-2 | 1527 | 1437 | 1453 | 1472 | 3.25 | cps |
| Iron | 54-2 | 2477 | 2217 | 2234 | 2309 | 6.30 | cps |
| Krypton | 83-1 | 323 | 353 | 347 | 341 | 4.62 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:55:07 | DataFile Name : | 087CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 577 | 480 | 563 | 540 | 9.70 | cps |
| Lead | 207-1 | 427 | 463 | 433 | 441 | 4.43 | cps |
| Lead | 208-1 | 1930 | 1907 | 2090 | 1976 | 5.05 | cps |
| Lithium | 6-1 | 626514 | 631260 | 634363 | 630712 | 0.63 | cps |
| Magnesium | 24-2 | 387 | 363 | 427 | 392 | 8.17 | cps |
| Manganese | 55-2 | 727 | 617 | 687 | 677 | 8.23 | cps |
| Molybdenum | 94-1 | 267 | 280 | 283 | 277 | 3.19 | cps |
| Molybdenum | 95-1 | 253 | 190 | 190 | 211 | 17.32 | cps |
| Molybdenum | 96-1 | 320 | 250 | 253 | 274 | 14.39 | cps |
| Molybdenum | 97-1 | 173 | 127 | 180 | 160 | 18.16 | cps |
| Molybdenum | 98-1 | 413 | 437 | 403 | 418 | 4.10 | cps |
| Neodymium | 150-1 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Neodymium | 150-2 | 0 | 3 | 0 | 1 | 173.21 | cps |
| Nickel | 60-2 | 327 | 423 | 407 | 386 | 13.40 | cps |
| Phosphorus | 31-2 | 467 | 400 | 453 | 440 | 8.02 | cps |
| Potassium | 39-2 | 57438 | 57220 | 57240 | 57300 | 0.21 | cps |
| Rhodium | 103-1 | 3728172 | 3734857 | 3788527 | 3750519 | 0.88 | cps |
| Rhodium | 103-2 | 2531445 | 2544744 | 2523866 | 2533352 | 0.42 | cps |
| Scandium | 45-1 | 2276322 | 2271011 | 2295185 | 2280839 | 0.56 | cps |
| Scandium | 45-2 | 242796 | 241720 | 243061 | 242526 | 0.29 | cps |
| Selenium | 82-1 | 321 | 205 | 241 | 256 | 23.31 | cps |
| Selenium | 77-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Selenium | 78-2 | 313 | 383 | 330 | 342 | 10.68 | cps |
| Silicon | 28-1 | 590507 | 595458 | 594961 | 593642 | 0.46 | cps |
| Silver | 107-1 | 160 | 110 | 123 | 131 | 19.75 | cps |
| Silver | 109-1 | 90 | 90 | 90 | 90 | 0.00 | cps |
| Sodium | 23-2 | 86407 | 87396 | 86464 | 86756 | 0.64 | cps |
| Strontium | 86-1 | 643 | 527 | 597 | 589 | 9.97 | cps |
| Strontium | 88-1 | 157 | 150 | 143 | 150 | 4.44 | cps |
| Sulfur | 34-1 | 159142 | 160448 | 160112 | 159901 | 0.42 | cps |
| Terbium | 159-1 | 4720237 | 4674515 | 4671098 | 4688617 | 0.59 | cps |
| Terbium | 159-2 | 3453879 | 3524856 | 3508651 | 3495795 | 1.06 | cps |
| Thallium | 203-1 | 433 | 453 | 393 | 427 | 7.16 | cps |
| Thallium | 205-1 | 1047 | 910 | 987 | 981 | 6.98 | cps |
| Tin | 118-1 | 1227 | 1390 | 1213 | 1277 | 7.71 | cps |
| Titanium | 47-1 | 40 | 67 | 73 | 60 | 29.40 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB05 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB05 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 16:55:07 | DataFile Name : | 087CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 40 | 30 | 40 | 37 | 15.75 | cps |
| Vanadium | 51-2 | 23 | 10 | 20 | 18 | 39.03 | cps |
| Yttrium | 89-1 | 6726433 | 6642706 | 6475969 | 6615036 | 1.93 | cps |
| Yttrium | 89-2 | 2043904 | 2020600 | 2010186 | 2024897 | 0.85 | cps |
| Zinc | 66-2 | 1450 | 1487 | 1280 | 1406 | 7.85 | cps |
| Zirconium | 90-1 | 360 | 457 | 407 | 408 | 11.86 | cps |
| Zirconium | 91-1 | 63 | 90 | 67 | 73 | 19.81 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:00:25 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 9123025 | 9339074 | 9057686 | 9173262 | 1.61 | cps |
| Antimony | 121-1 | 2223539 | 2240404 | 2274085 | 2246009 | 1.15 | cps |
| Arsenic | 75-2 | 225554 | 226429 | 222742 | 224908 | 0.86 | cps |
| Barium | 135-1 | 2929520 | 2871997 | 2917285 | 2906267 | 1.04 | cps |
| Barium | 137-1 | 4875660 | 5019209 | 4920396 | 4938422 | 1.49 | cps |
| Beryllium | 9-1 | 402483 | 415342 | 409541 | 409122 | 1.57 | cps |
| Bismuth | 209-1 | 3100551 | 3018115 | 3057137 | 3058601 | 1.35 | cps |
| Bismuth | 209-2 | 2710950 | 2790545 | 2734884 | 2745460 | 1.49 | cps |
| Bromine | 81-1 | 327980 | 420699 | 467541 | 405407 | 17.52 | cps |
| Bromine | 81-2 | 108230 | 108666 | 110597 | 109164 | 1.15 | cps |
| Cadmium | 108-1 | 45133 | 45839 | 45779 | 45584 | 0.86 | cps |
| Cadmium | 106-1 | 64743 | 66214 | 66177 | 65711 | 1.28 | cps |
| Cadmium | 111-1 | 630215 | 642979 | 647998 | 640397 | 1.43 | cps |
| Calcium | 43-1 | 1160979 | 1176507 | 1161162 | 1166216 | 0.76 | cps |
| Calcium | 44-1 | 18414794 | 18676768 | 18846726 | 18646096 | 1.17 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2316504 | 2325964 | 2264769 | 2302413 | 1.43 | cps |
| Cobalt | 59-2 | 2210189 | 2192113 | 2167206 | 2189836 | 0.99 | cps |
| Copper | 63-2 | 17281471 | 16700660 | 16455609 | 16812580 | 2.52 | cps |
| Dysprosium | 156-1 | 67277 | 68888 | 70761 | 68975 | 2.53 | cps |
| Dysprosium | 156-2 | 68553 | 69025 | 68429 | 68669 | 0.46 | cps |
| Erbium | 164-1 | 63601 | 66404 | 67676 | 65894 | 3.16 | cps |
| Erbium | 164-2 | 51304 | 52160 | 51418 | 51627 | 0.90 | cps |
| Gadolinium | 160-1 | 70038 | 73116 | 72912 | 72022 | 2.39 | cps |
| Gadolinium | 160-2 | 59191 | 59228 | 58512 | 58977 | 0.68 | cps |
| Holmium | 165-1 | 4877116 | 4945800 | 4833729 | 4885548 | 1.16 | cps |
| Holmium | 165-2 | 3812657 | 3897831 | 3750683 | 3820390 | 1.93 | cps |
| Indium | 115-1 | 3804958 | 3716783 | 3743268 | 3755003 | 1.20 | cps |
| Indium | 115-2 | 1493559 | 1499994 | 1487678 | 1493744 | 0.41 | cps |
| Iron | 56-2 | 384306701 | 389881248 | 385760234 | 386649394 | 0.75 | cps |
| Iron | 57-2 | 9629918 | 9473698 | 9351757 | 9485124 | 1.47 | cps |
| Iron | 54-2 | 21923136 | 21371755 | 20974087 | 21422992 | 2.22 | cps |
| Krypton | 83-1 | 477 | 383 | 527 | 462 | 15.74 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:00:25 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16104228 | 16068278 | 16131739 | 16101415 | 0.20 | cps |
| Lead | 207-1 | 13682413 | 13746804 | 13574451 | 13667889 | 0.64 | cps |
| Lead | 208-1 | 62163192 | 63048980 | 63024247 | 62745473 | 0.80 | cps |
| Lithium | 6-1 | 666322 | 670194 | 678244 | 671587 | 0.91 | cps |
| Magnesium | 24-2 | 30001210 | 29845475 | 29737647 | 29861444 | 0.44 | cps |
| Manganese | 55-2 | 13811597 | 13659412 | 13351744 | 13607584 | 1.72 | cps |
| Molybdenum | 94-1 | 4149904 | 4122757 | 4191138 | 4154599 | 0.83 | cps |
| Molybdenum | 95-1 | 4266546 | 4467865 | 4342793 | 4359068 | 2.33 | cps |
| Molybdenum | 96-1 | 4836567 | 4869128 | 4973181 | 4892959 | 1.46 | cps |
| Molybdenum | 97-1 | 2623869 | 2717121 | 2650177 | 2663722 | 1.80 | cps |
| Molybdenum | 98-1 | 6942576 | 7138535 | 7207772 | 7096294 | 1.94 | cps |
| Neodymium | 150-1 | 109186 | 111893 | 112989 | 111356 | 1.76 | cps |
| Neodymium | 150-2 | 71561 | 72747 | 72995 | 72434 | 1.06 | cps |
| Nickel | 60-2 | 953747 | 950222 | 946680 | 950216 | 0.37 | cps |
| Phosphorus | 31-2 | 26930 | 26680 | 26483 | 26698 | 0.84 | cps |
| Potassium | 39-2 | 9744240 | 9554931 | 9619474 | 9639548 | 1.00 | cps |
| Rhodium | 103-1 | 3736243 | 3707662 | 3723716 | 3722540 | 0.38 | cps |
| Rhodium | 103-2 | 2620223 | 2629522 | 2578396 | 2609380 | 1.04 | cps |
| Scandium | 45-1 | 2514728 | 2616175 | 2546736 | 2559213 | 2.03 | cps |
| Scandium | 45-2 | 270674 | 274168 | 271175 | 272006 | 0.69 | cps |
| Selenium | 82-1 | 52753 | 53970 | 54212 | 53645 | 1.46 | cps |
| Selenium | 77-2 | 7228 | 6875 | 6908 | 7004 | 2.79 | cps |
| Selenium | 78-2 | 22848 | 22507 | 22250 | 22535 | 1.33 | cps |
| Silicon | 28-1 | 5606066 | 5920795 | 6810666 | 6112509 | 10.22 | cps |
| Silver | 107-1 | 569531 | 585759 | 589021 | 581437 | 1.80 | cps |
| Silver | 109-1 | 543225 | 551758 | 556989 | 550658 | 1.26 | cps |
| Sodium | 23-2 | 37621858 | 36901990 | 37037507 | 37187118 | 1.03 | cps |
| Strontium | 86-1 | 1106276 | 1132062 | 1131931 | 1123423 | 1.32 | cps |
| Strontium | 88-1 | 10025813 | 10490347 | 10200139 | 10238766 | 2.29 | cps |
| Sulfur | 34-1 | 1553585 | 1577044 | 1589814 | 1573481 | 1.17 | cps |
| Terbium | 159-1 | 4800434 | 4947477 | 4902637 | 4883516 | 1.54 | cps |
| Terbium | 159-2 | 3772844 | 3803131 | 3754123 | 3776699 | 0.65 | cps |
| Thallium | 203-1 | 2141493 | 2134829 | 2150496 | 2142273 | 0.37 | cps |
| Thallium | 205-1 | 5087769 | 5093909 | 5207233 | 5129637 | 1.31 | cps |
| Tin | 118-1 | 2377872 | 2391384 | 2399964 | 2389740 | 0.47 | cps |
| Titanium | 47-1 | 901112 | 917940 | 925119 | 914723 | 1.35 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-05A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-020047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:00:25 | DataFile Name : | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6273352 | 6438174 | 6579887 | 6430471 | 2.39 | cps |
| Vanadium | 51-2 | 1468366 | 1427884 | 1409345 | 1435199 | 2.10 | cps |
| Yttrium | 89-1 | 7734875 | 7771864 | 7932961 | 7813233 | 1.35 | cps |
| Yttrium | 89-2 | 2386238 | 2369463 | 2364654 | 2373452 | 0.48 | cps |
| Zinc | 66-2 | 4029246 | 4043594 | 4046725 | 4039855 | 0.23 | cps |
| Zirconium | 90-1 | 4384137 | 4390228 | 4265420 | 4346595 | 1.62 | cps |
| Zirconium | 91-1 | 932696 | 955914 | 955448 | 948019 | 1.40 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:15:56 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 8741748 | 8875177 | 8861314 | 8826080 | 0.83 | cps |
| Antimony | 121-1 | 13270 | 13143 | 13113 | 13175 | 0.63 | cps |
| Arsenic | 75-2 | 64078 | 62756 | 63231 | 63355 | 1.06 | cps |
| Barium | 135-1 | 1009729 | 1013913 | 1022308 | 1015317 | 0.63 | cps |
| Barium | 137-1 | 1867528 | 1884121 | 1852618 | 1868089 | 0.84 | cps |
| Beryllium | 9-1 | 5508 | 6115 | 5881 | 5834 | 5.25 | cps |
| Bismuth | 209-1 | 2964753 | 2963899 | 3036575 | 2988409 | 1.40 | cps |
| Bismuth | 209-2 | 2796508 | 2717319 | 2726039 | 2746622 | 1.58 | cps |
| Bromine | 81-1 | 397518 | 524269 | 593905 | 505231 | 19.71 | cps |
| Bromine | 81-2 | 131438 | 134957 | 134775 | 133723 | 1.48 | cps |
| Cadmium | 108-1 | 4497 | 4721 | 4808 | 4675 | 3.42 | cps |
| Cadmium | 106-1 | 7959 | 8296 | 8613 | 8289 | 3.94 | cps |
| Cadmium | 111-1 | 63545 | 63896 | 64338 | 63926 | 0.62 | cps |
| Calcium | 43-1 | 1425386 | 1374909 | 1403278 | 1401191 | 1.81 | cps |
| Calcium | 44-1 | 22550984 | 22249524 | 22563601 | 22454703 | 0.79 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4121487 | 4129373 | 4061292 | 4104051 | 0.91 | cps |
| Cobalt | 59-2 | 355226 | 353713 | 347791 | 352243 | 1.12 | cps |
| Copper | 63-2 | 5533758 | 5410326 | 5432367 | 5458817 | 1.21 | cps |
| Dysprosium | 156-1 | 73495 | 75019 | 75622 | 74712 | 1.47 | cps |
| Dysprosium | 156-2 | 73354 | 73461 | 72871 | 73229 | 0.43 | cps |
| Erbium | 164-1 | 73301 | 73596 | 74326 | 73741 | 0.72 | cps |
| Erbium | 164-2 | 58137 | 58499 | 56357 | 57664 | 1.99 | cps |
| Gadolinium | 160-1 | 78770 | 78234 | 79840 | 78948 | 1.04 | cps |
| Gadolinium | 160-2 | 64240 | 64424 | 65456 | 64707 | 1.01 | cps |
| Holmium | 165-1 | 4656729 | 4693940 | 4720590 | 4690419 | 0.68 | cps |
| Holmium | 165-2 | 3814830 | 3737415 | 3672792 | 3741679 | 1.90 | cps |
| Indium | 115-1 | 3674211 | 3708212 | 3734100 | 3705508 | 0.81 | cps |
| Indium | 115-2 | 1462228 | 1462214 | 1459073 | 1461172 | 0.12 | cps |
| Iron | 56-2 | 503928366 | 496108499 | 491269913 | 497102259 | 1.28 | cps |
| Iron | 57-2 | 12197274 | 12368204 | 12206988 | 12257489 | 0.78 | cps |
| Iron | 54-2 | 27151492 | 27368552 | 26838530 | 27119525 | 0.98 | cps |
| Krypton | 83-1 | 577 | 507 | 417 | 500 | 16.04 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:15:56 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9283343 | 9397209 | 9449787 | 9376780 | 0.91 | cps |
| Lead | 207-1 | 7727110 | 7831735 | 7650462 | 7736436 | 1.18 | cps |
| Lead | 208-1 | 35947188 | 36313030 | 36285144 | 36181787 | 0.56 | cps |
| Lithium | 6-1 | 639154 | 630377 | 638486 | 636006 | 0.77 | cps |
| Magnesium | 24-2 | 10921199 | 11265016 | 11085827 | 11090680 | 1.55 | cps |
| Manganese | 55-2 | 4215672 | 4223720 | 4165635 | 4201675 | 0.75 | cps |
| Molybdenum | 94-1 | 208770 | 211256 | 213813 | 211280 | 1.19 | cps |
| Molybdenum | 95-1 | 66055 | 66336 | 67398 | 66596 | 1.06 | cps |
| Molybdenum | 96-1 | 99546 | 103228 | 103204 | 101993 | 2.08 | cps |
| Molybdenum | 97-1 | 41572 | 42007 | 41485 | 41688 | 0.67 | cps |
| Molybdenum | 98-1 | 107564 | 107469 | 107811 | 107615 | 0.16 | cps |
| Neodymium | 150-1 | 117397 | 118402 | 119623 | 118474 | 0.94 | cps |
| Neodymium | 150-2 | 77012 | 77710 | 76775 | 77166 | 0.63 | cps |
| Nickel | 60-2 | 491031 | 486063 | 488393 | 488496 | 0.51 | cps |
| Phosphorus | 31-2 | 51319 | 51985 | 51219 | 51508 | 0.81 | cps |
| Potassium | 39-2 | 4054215 | 4137222 | 4014669 | 4068702 | 1.54 | cps |
| Rhodium | 103-1 | 3598129 | 3678222 | 3714136 | 3663495 | 1.62 | cps |
| Rhodium | 103-2 | 2506917 | 2483752 | 2473915 | 2488195 | 0.68 | cps |
| Scandium | 45-1 | 2533297 | 2456598 | 2513201 | 2501032 | 1.59 | cps |
| Scandium | 45-2 | 265209 | 268180 | 265700 | 266363 | 0.60 | cps |
| Selenium | 82-1 | 1868 | 1819 | 2061 | 1916 | 6.68 | cps |
| Selenium | 77-2 | 580 | 570 | 477 | 542 | 10.51 | cps |
| Selenium | 78-2 | 1207 | 1360 | 1240 | 1269 | 6.36 | cps |
| Silicon | 28-1 | 13534073 | 14974422 | 14801839 | 14436778 | 5.45 | cps |
| Silver | 107-1 | 247214 | 251572 | 255546 | 251444 | 1.66 | cps |
| Silver | 109-1 | 236498 | 239580 | 243960 | 240013 | 1.56 | cps |
| Sodium | 23-2 | 17083841 | 17352351 | 17233279 | 17223157 | 0.78 | cps |
| Strontium | 86-1 | 1215401 | 1241287 | 1244973 | 1233887 | 1.31 | cps |
| Strontium | 88-1 | 10973215 | 11052293 | 11224035 | 11083181 | 1.16 | cps |
| Sulfur | 34-1 | 3491885 | 3573318 | 3525745 | 3530316 | 1.16 | cps |
| Terbium | 159-1 | 4709178 | 4719036 | 4764795 | 4731003 | 0.63 | cps |
| Terbium | 159-2 | 3612469 | 3651018 | 3542976 | 3602155 | 1.52 | cps |
| Thallium | 203-1 | 7776 | 7626 | 7676 | 7692 | 0.99 | cps |
| Thallium | 205-1 | 17818 | 17929 | 18152 | 17966 | 0.95 | cps |
| Tin | 118-1 | 733173 | 750831 | 754967 | 746324 | 1.55 | cps |
| Titanium | 47-1 | 1232422 | 1239040 | 1231711 | 1234391 | 0.33 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:15:56 | DataFile Name : | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 145422 | 147826 | 146962 | 146736 | 0.83 | cps |
| Vanadium | 51-2 | 650661 | 648673 | 644701 | 648012 | 0.47 | cps |
| Yttrium | 89-1 | 7848467 | 7909518 | 7753117 | 7837034 | 1.01 | cps |
| Yttrium | 89-2 | 2380646 | 2402491 | 2344179 | 2375772 | 1.24 | cps |
| Zinc | 66-2 | 2160255 | 2125606 | 2134690 | 2140183 | 0.84 | cps |
| Zirconium | 90-1 | 467065 | 477418 | 472387 | 472290 | 1.10 | cps |
| Zirconium | 91-1 | 102848 | 106853 | 106184 | 105295 | 2.04 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:18:57 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10295249 | 10471888 | 10566547 | 10444561 | 1.32 | cps |
| Antimony | 121-1 | 9220 | 9290 | 9677 | 9395 | 2.62 | cps |
| Arsenic | 75-2 | 103380 | 105395 | 105909 | 104895 | 1.27 | cps |
| Barium | 135-1 | 2002125 | 1933885 | 1973634 | 1969881 | 1.74 | cps |
| Barium | 137-1 | 3446304 | 3427750 | 3485826 | 3453293 | 0.86 | cps |
| Beryllium | 9-1 | 4034 | 4157 | 4187 | 4126 | 1.97 | cps |
| Bismuth | 209-1 | 3219970 | 3194933 | 3152498 | 3189134 | 1.07 | cps |
| Bismuth | 209-2 | 2842440 | 2579178 | 2852587 | 2758068 | 5.62 | cps |
| Bromine | 81-1 | 496053 | 633929 | 686696 | 605559 | 16.26 | cps |
| Bromine | 81-2 | 154138 | 155398 | 158730 | 156089 | 1.52 | cps |
| Cadmium | 108-1 | 4511 | 4757 | 4584 | 4617 | 2.74 | cps |
| Cadmium | 106-1 | 8473 | 8736 | 8393 | 8534 | 2.11 | cps |
| Cadmium | 111-1 | 66017 | 65457 | 65934 | 65803 | 0.46 | cps |
| Calcium | 43-1 | 499351 | 504600 | 505480 | 503144 | 0.66 | cps |
| Calcium | 44-1 | 7817593 | 7887443 | 7919578 | 7874871 | 0.66 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4678114 | 4846305 | 4722962 | 4749127 | 1.83 | cps |
| Cobalt | 59-2 | 244690 | 250016 | 249511 | 248072 | 1.19 | cps |
| Copper | 63-2 | 7095819 | 7255231 | 7049907 | 7133653 | 1.51 | cps |
| Dysprosium | 156-1 | 89889 | 91426 | 90999 | 90771 | 0.87 | cps |
| Dysprosium | 156-2 | 87357 | 88993 | 88514 | 88288 | 0.95 | cps |
| Erbium | 164-1 | 89035 | 90927 | 88562 | 89508 | 1.40 | cps |
| Erbium | 164-2 | 68119 | 69027 | 68725 | 68623 | 0.67 | cps |
| Gadolinium | 160-1 | 97322 | 96393 | 95272 | 96329 | 1.07 | cps |
| Gadolinium | 160-2 | 77761 | 79249 | 78354 | 78455 | 0.95 | cps |
| Holmium | 165-1 | 4856032 | 4846863 | 4852296 | 4851730 | 0.10 | cps |
| Holmium | 165-2 | 3747481 | 3462108 | 3811037 | 3673542 | 5.06 | cps |
| Indium | 115-1 | 3735486 | 3760787 | 3830217 | 3775496 | 1.30 | cps |
| Indium | 115-2 | 1480606 | 1342934 | 1495347 | 1439629 | 5.84 | cps |
| Iron | 56-2 | 430158474 | 437352367 | 442529127 | 436679989 | 1.42 | cps |
| Iron | 57-2 | 10801224 | 10874699 | 10973221 | 10883048 | 0.79 | cps |
| Iron | 54-2 | 24131681 | 24633225 | 24141342 | 24302083 | 1.18 | cps |
| Krypton | 83-1 | 543 | 520 | 577 | 547 | 5.21 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:18:57 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10782714 | 11118400 | 11208870 | 11036661 | 2.03 | cps |
| Lead | 207-1 | 8712224 | 8910728 | 9049606 | 8890853 | 1.91 | cps |
| Lead | 208-1 | 41406432 | 42290473 | 42294344 | 41997083 | 1.22 | cps |
| Lithium | 6-1 | 656631 | 662648 | 661475 | 660251 | 0.48 | cps |
| Magnesium | 24-2 | 9753985 | 9827522 | 9774715 | 9785407 | 0.39 | cps |
| Manganese | 55-2 | 3758079 | 3876137 | 3852334 | 3828850 | 1.63 | cps |
| Molybdenum | 94-1 | 193260 | 193790 | 198586 | 195212 | 1.50 | cps |
| Molybdenum | 95-1 | 37685 | 38902 | 38243 | 38277 | 1.59 | cps |
| Molybdenum | 96-1 | 72093 | 71504 | 72710 | 72102 | 0.84 | cps |
| Molybdenum | 97-1 | 23416 | 23756 | 23522 | 23565 | 0.74 | cps |
| Molybdenum | 98-1 | 60910 | 61553 | 62801 | 61755 | 1.56 | cps |
| Neodymium | 150-1 | 141849 | 143813 | 141472 | 142378 | 0.88 | cps |
| Neodymium | 150-2 | 91562 | 93038 | 93961 | 92854 | 1.30 | cps |
| Nickel | 60-2 | 312081 | 316404 | 313133 | 313873 | 0.72 | cps |
| Phosphorus | 31-2 | 58150 | 58883 | 57735 | 58256 | 1.00 | cps |
| Potassium | 39-2 | 4237518 | 4272718 | 4298552 | 4269596 | 0.72 | cps |
| Rhodium | 103-1 | 3738927 | 3776298 | 3859795 | 3791673 | 1.63 | cps |
| Rhodium | 103-2 | 2598608 | 2272942 | 2591274 | 2487608 | 7.47 | cps |
| Scandium | 45-1 | 2574498 | 2576936 | 2596794 | 2582743 | 0.47 | cps |
| Scandium | 45-2 | 272939 | 249411 | 276955 | 266435 | 5.58 | cps |
| Selenium | 82-1 | 2550 | 2559 | 2622 | 2577 | 1.53 | cps |
| Selenium | 77-2 | 643 | 723 | 750 | 706 | 7.87 | cps |
| Selenium | 78-2 | 1447 | 1460 | 1613 | 1507 | 6.15 | cps |
| Silicon | 28-1 | 10017744 | 10260814 | 10053728 | 10110762 | 1.30 | cps |
| Silver | 107-1 | 270830 | 276785 | 280284 | 275967 | 1.73 | cps |
| Silver | 109-1 | 258316 | 261568 | 263342 | 261075 | 0.98 | cps |
| Sodium | 23-2 | 8051506 | 8212995 | 8311396 | 8191966 | 1.60 | cps |
| Strontium | 86-1 | 600450 | 603589 | 605810 | 603283 | 0.45 | cps |
| Strontium | 88-1 | 5430369 | 5373653 | 5387341 | 5397121 | 0.55 | cps |
| Sulfur | 34-1 | 2389120 | 2415847 | 2456785 | 2420584 | 1.41 | cps |
| Terbium | 159-1 | 4815756 | 4859826 | 4886207 | 4853930 | 0.73 | cps |
| Terbium | 159-2 | 3554805 | 3269676 | 3709002 | 3511161 | 6.35 | cps |
| Thallium | 203-1 | 11488 | 11859 | 11555 | 11634 | 1.70 | cps |
| Thallium | 205-1 | 27631 | 27358 | 27505 | 27498 | 0.50 | cps |
| Tin | 118-1 | 660016 | 666370 | 669873 | 665420 | 0.75 | cps |
| Titanium | 47-1 | 1082445 | 1094394 | 1108044 | 1094961 | 1.17 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:18:57 | DataFile Name : | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 137178 | 137526 | 139837 | 138180 | 1.05 | cps |
| Vanadium | 51-2 | 545869 | 556240 | 552961 | 551690 | 0.96 | cps |
| Yttrium | 89-1 | 8119749 | 7950909 | 8116244 | 8062301 | 1.20 | cps |
| Yttrium | 89-2 | 2429943 | 2255577 | 2488044 | 2391188 | 5.06 | cps |
| Zinc | 66-2 | 1958114 | 1934001 | 1986815 | 1959643 | 1.35 | cps |
| Zirconium | 90-1 | 471062 | 469701 | 472162 | 470975 | 0.26 | cps |
| Zirconium | 91-1 | 104271 | 105020 | 105436 | 104909 | 0.56 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:22:05 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18743706 | 19154166 | 19236405 | 19044759 | 1.39 | cps |
| Antimony | 121-1 | 6712 | 6545 | 6445 | 6567 | 2.05 | cps |
| Arsenic | 75-2 | 119534 | 119378 | 121050 | 119988 | 0.77 | cps |
| Barium | 135-1 | 1887225 | 1897448 | 1900959 | 1895211 | 0.38 | cps |
| Barium | 137-1 | 3218663 | 3303400 | 3308338 | 3276800 | 1.54 | cps |
| Beryllium | 9-1 | 7085 | 6935 | 7062 | 7027 | 1.15 | cps |
| Bismuth | 209-1 | 3107315 | 3177264 | 3140593 | 3141724 | 1.11 | cps |
| Bismuth | 209-2 | 2821441 | 2801836 | 2866770 | 2830016 | 1.18 | cps |
| Bromine | 81-1 | 679400 | 871759 | 970960 | 840706 | 17.63 | cps |
| Bromine | 81-2 | 222628 | 224058 | 226643 | 224443 | 0.91 | cps |
| Cadmium | 108-1 | 1800 | 1790 | 1750 | 1780 | 1.49 | cps |
| Cadmium | 106-1 | 5251 | 5264 | 5381 | 5299 | 1.35 | cps |
| Cadmium | 111-1 | 19873 | 20553 | 20446 | 20291 | 1.80 | cps |
| Calcium | 43-1 | 537921 | 542962 | 543615 | 541499 | 0.58 | cps |
| Calcium | 44-1 | 8308690 | 8284308 | 8453496 | 8348831 | 1.10 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2096381 | 2113515 | 2114015 | 2107971 | 0.48 | cps |
| Cobalt | 59-2 | 433521 | 422760 | 426007 | 427429 | 1.29 | cps |
| Copper | 63-2 | 4414092 | 4543378 | 4444357 | 4467275 | 1.51 | cps |
| Dysprosium | 156-1 | 166020 | 173618 | 171556 | 170398 | 2.31 | cps |
| Dysprosium | 156-2 | 165693 | 164323 | 167446 | 165821 | 0.94 | cps |
| Erbium | 164-1 | 166000 | 169956 | 169011 | 168322 | 1.23 | cps |
| Erbium | 164-2 | 128421 | 131086 | 130551 | 130019 | 1.08 | cps |
| Gadolinium | 160-1 | 180044 | 183568 | 181961 | 181857 | 0.97 | cps |
| Gadolinium | 160-2 | 147359 | 147454 | 149064 | 147959 | 0.65 | cps |
| Holmium | 165-1 | 4892729 | 4958668 | 5035625 | 4962340 | 1.44 | cps |
| Holmium | 165-2 | 3935480 | 3901186 | 3963808 | 3933491 | 0.80 | cps |
| Indium | 115-1 | 3939436 | 3879335 | 3837562 | 3885444 | 1.32 | cps |
| Indium | 115-2 | 1516304 | 1546108 | 1559027 | 1540480 | 1.42 | cps |
| Iron | 56-2 | 727591189 | 743580362 | 730424976 | 733865509 | 1.16 | cps |
| Iron | 57-2 | 18212448 | 17720007 | 17849407 | 17927288 | 1.42 | cps |
| Iron | 54-2 | 40036172 | 39738717 | 39721539 | 39832142 | 0.44 | cps |
| Krypton | 83-1 | 553 | 610 | 760 | 641 | 16.66 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:22:05 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 7450501 | 7702255 | 7537190 | 7563315 | 1.69 | cps |
| Lead | 207-1 | 6210013 | 6486530 | 6154773 | 6283772 | 2.83 | cps |
| Lead | 208-1 | 29003546 | 29476734 | 28968631 | 29149637 | 0.97 | cps |
| Lithium | 6-1 | 687726 | 684973 | 686880 | 686527 | 0.21 | cps |
| Magnesium | 24-2 | 15030379 | 15188370 | 15196165 | 15138305 | 0.62 | cps |
| Manganese | 55-2 | 19381630 | 19358306 | 19516265 | 19418734 | 0.44 | cps |
| Molybdenum | 94-1 | 322509 | 320194 | 316628 | 319777 | 0.93 | cps |
| Molybdenum | 95-1 | 24875 | 25275 | 25165 | 25105 | 0.82 | cps |
| Molybdenum | 96-1 | 79632 | 82012 | 80135 | 80593 | 1.56 | cps |
| Molybdenum | 97-1 | 15585 | 15865 | 15218 | 15556 | 2.09 | cps |
| Molybdenum | 98-1 | 40399 | 40887 | 40239 | 40508 | 0.83 | cps |
| Neodymium | 150-1 | 261799 | 266663 | 265086 | 264516 | 0.94 | cps |
| Neodymium | 150-2 | 171345 | 174295 | 174682 | 173441 | 1.05 | cps |
| Nickel | 60-2 | 335705 | 335714 | 338034 | 336484 | 0.40 | cps |
| Phosphorus | 31-2 | 82581 | 84032 | 85236 | 83950 | 1.58 | cps |
| Potassium | 39-2 | 6359705 | 6457558 | 6541942 | 6453069 | 1.41 | cps |
| Rhodium | 103-1 | 3883498 | 3855426 | 3837828 | 3858917 | 0.60 | cps |
| Rhodium | 103-2 | 2625521 | 2626592 | 2590853 | 2614322 | 0.78 | cps |
| Scandium | 45-1 | 2789333 | 2819224 | 2829244 | 2812600 | 0.74 | cps |
| Scandium | 45-2 | 300873 | 299430 | 304830 | 301711 | 0.93 | cps |
| Selenium | 82-1 | 3119 | 3037 | 2890 | 3015 | 3.85 | cps |
| Selenium | 77-2 | 1083 | 1140 | 1153 | 1126 | 3.30 | cps |
| Selenium | 78-2 | 1937 | 1937 | 1817 | 1897 | 3.65 | cps |
| Silicon | 28-1 | 15903449 | 16435049 | 19327134 | 17221878 | 10.70 | cps |
| Silver | 107-1 | 128181 | 130299 | 130306 | 129595 | 0.95 | cps |
| Silver | 109-1 | 120060 | 124466 | 124019 | 122848 | 1.97 | cps |
| Sodium | 23-2 | 8230956 | 8243874 | 8329540 | 8268123 | 0.65 | cps |
| Strontium | 86-1 | 630730 | 638992 | 637555 | 635759 | 0.69 | cps |
| Strontium | 88-1 | 5635494 | 5668860 | 5779021 | 5694458 | 1.32 | cps |
| Sulfur | 34-1 | 2031560 | 2064036 | 2099373 | 2064989 | 1.64 | cps |
| Terbium | 159-1 | 4949148 | 5191333 | 4988241 | 5042908 | 2.58 | cps |
| Terbium | 159-2 | 3815130 | 3723742 | 3761728 | 3766866 | 1.22 | cps |
| Thallium | 203-1 | 11845 | 11885 | 12162 | 11964 | 1.44 | cps |
| Thallium | 205-1 | 28253 | 28844 | 28206 | 28434 | 1.25 | cps |
| Tin | 118-1 | 1074412 | 1085674 | 1084720 | 1081602 | 0.58 | cps |
| Titanium | 47-1 | 1518090 | 1465881 | 1520491 | 1501488 | 2.06 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:22:05 | DataFile Name : | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 180030 | 181449 | 180209 | 180563 | 0.43 | cps |
| Vanadium | 51-2 | 791559 | 787394 | 794004 | 790986 | 0.42 | cps |
| Yttrium | 89-1 | 9229344 | 9187073 | 9037323 | 9151247 | 1.10 | cps |
| Yttrium | 89-2 | 2833728 | 2833777 | 2835162 | 2834222 | 0.03 | cps |
| Zinc | 66-2 | 1631834 | 1591346 | 1596338 | 1606506 | 1.37 | cps |
| Zirconium | 90-1 | 826838 | 820733 | 838501 | 828691 | 1.09 | cps |
| Zirconium | 91-1 | 184978 | 186417 | 185985 | 185793 | 0.40 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:25:05 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 10964887 | 11325083 | 11066913 | 11118961 | 1.67 | cps |
| Antimony | 121-1 | 12259 | 12412 | 12409 | 12360 | 0.71 | cps |
| Arsenic | 75-2 | 94973 | 93748 | 94196 | 94306 | 0.66 | cps |
| Barium | 135-1 | 1605090 | 1635625 | 1648584 | 1629766 | 1.37 | cps |
| Barium | 137-1 | 2820996 | 2880343 | 2822986 | 2841442 | 1.19 | cps |
| Beryllium | 9-1 | 4834 | 4704 | 4541 | 4693 | 3.13 | cps |
| Bismuth | 209-1 | 3218826 | 3222343 | 3186525 | 3209231 | 0.62 | cps |
| Bismuth | 209-2 | 2935423 | 2927229 | 2812659 | 2891770 | 2.37 | cps |
| Bromine | 81-1 | 381683 | 465842 | 504632 | 450719 | 13.95 | cps |
| Bromine | 81-2 | 110285 | 112330 | 112081 | 111565 | 1.00 | cps |
| Cadmium | 108-1 | 4774 | 4878 | 5038 | 4896 | 2.71 | cps |
| Cadmium | 106-1 | 9210 | 9260 | 9230 | 9233 | 0.27 | cps |
| Cadmium | 111-1 | 70464 | 70906 | 71332 | 70900 | 0.61 | cps |
| Calcium | 43-1 | 484227 | 483969 | 490154 | 486117 | 0.72 | cps |
| Calcium | 44-1 | 7415932 | 7617971 | 7552363 | 7528756 | 1.37 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 5379788 | 5261062 | 5315370 | 5318740 | 1.12 | cps |
| Cobalt | 59-2 | 277157 | 280519 | 282991 | 280222 | 1.04 | cps |
| Copper | 63-2 | 6775897 | 6724897 | 6765565 | 6755453 | 0.40 | cps |
| Dysprosium | 156-1 | 98922 | 99869 | 100836 | 99876 | 0.96 | cps |
| Dysprosium | 156-2 | 97120 | 97043 | 96231 | 96798 | 0.51 | cps |
| Erbium | 164-1 | 98411 | 98811 | 99139 | 98787 | 0.37 | cps |
| Erbium | 164-2 | 75670 | 76391 | 75794 | 75952 | 0.51 | cps |
| Gadolinium | 160-1 | 105255 | 106055 | 106166 | 105825 | 0.47 | cps |
| Gadolinium | 160-2 | 86646 | 85747 | 85570 | 85988 | 0.67 | cps |
| Holmium | 165-1 | 4949899 | 4954150 | 4974890 | 4959646 | 0.27 | cps |
| Holmium | 165-2 | 3888547 | 3868569 | 3981708 | 3912941 | 1.54 | cps |
| Indium | 115-1 | 3846412 | 3819688 | 3859186 | 3841762 | 0.52 | cps |
| Indium | 115-2 | 1521723 | 1518385 | 1523622 | 1521243 | 0.17 | cps |
| Iron | 56-2 | 484686739 | 481422233 | 482384646 | 482831206 | 0.35 | cps |
| Iron | 57-2 | 11861676 | 11768181 | 11737189 | 11789015 | 0.55 | cps |
| Iron | 54-2 | 26699925 | 27098734 | 26342664 | 26713774 | 1.42 | cps |
| Krypton | 83-1 | 537 | 447 | 497 | 493 | 9.14 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:25:05 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10671229 | 10940154 | 10985316 | 10865566 | 1.56 | cps |
| Lead | 207-1 | 8637171 | 9022090 | 9018459 | 8892573 | 2.49 | cps |
| Lead | 208-1 | 41151211 | 42061804 | 42261359 | 41824792 | 1.41 | cps |
| Lithium | 6-1 | 665704 | 668569 | 659111 | 664461 | 0.73 | cps |
| Magnesium | 24-2 | 11013266 | 11091995 | 11340829 | 11148697 | 1.53 | cps |
| Manganese | 55-2 | 4473642 | 4452083 | 4422955 | 4449560 | 0.57 | cps |
| Molybdenum | 94-1 | 208500 | 209696 | 214874 | 211023 | 1.61 | cps |
| Molybdenum | 95-1 | 43277 | 43344 | 43906 | 43509 | 0.79 | cps |
| Molybdenum | 96-1 | 78741 | 79850 | 79739 | 79443 | 0.77 | cps |
| Molybdenum | 97-1 | 27192 | 27119 | 27095 | 27135 | 0.19 | cps |
| Molybdenum | 98-1 | 70409 | 69455 | 70989 | 70284 | 1.10 | cps |
| Neodymium | 150-1 | 156502 | 158150 | 160880 | 158510 | 1.39 | cps |
| Neodymium | 150-2 | 103070 | 102771 | 102731 | 102858 | 0.18 | cps |
| Nickel | 60-2 | 362664 | 369014 | 370002 | 367227 | 1.08 | cps |
| Phosphorus | 31-2 | 64432 | 63749 | 65064 | 64415 | 1.02 | cps |
| Potassium | 39-2 | 4302412 | 4324263 | 4291911 | 4306195 | 0.38 | cps |
| Rhodium | 103-1 | 3729962 | 3801791 | 3923220 | 3818324 | 2.56 | cps |
| Rhodium | 103-2 | 2635785 | 2579045 | 2584028 | 2599619 | 1.21 | cps |
| Scandium | 45-1 | 2614900 | 2621179 | 2608748 | 2614942 | 0.24 | cps |
| Scandium | 45-2 | 285023 | 281074 | 286417 | 284171 | 0.98 | cps |
| Selenium | 82-1 | 1964 | 2107 | 2088 | 2053 | 3.78 | cps |
| Selenium | 77-2 | 640 | 657 | 600 | 632 | 4.61 | cps |
| Selenium | 78-2 | 1427 | 1390 | 1333 | 1383 | 3.40 | cps |
| Silicon | 28-1 | 14266360 | 14779682 | 14393814 | 14479952 | 1.85 | cps |
| Silver | 107-1 | 308805 | 316914 | 320657 | 315458 | 1.92 | cps |
| Silver | 109-1 | 295274 | 301072 | 301595 | 299314 | 1.17 | cps |
| Sodium | 23-2 | 6128333 | 6020604 | 6007955 | 6052297 | 1.09 | cps |
| Strontium | 86-1 | 551603 | 552903 | 561840 | 555448 | 1.00 | cps |
| Strontium | 88-1 | 5005962 | 5034177 | 5065832 | 5035324 | 0.59 | cps |
| Sulfur | 34-1 | 2660869 | 2766490 | 2694447 | 2707269 | 1.99 | cps |
| Terbium | 159-1 | 4812883 | 4903858 | 5065190 | 4927310 | 2.59 | cps |
| Terbium | 159-2 | 3797629 | 3656145 | 3734745 | 3729506 | 1.90 | cps |
| Thallium | 203-1 | 9774 | 9964 | 9797 | 9845 | 1.05 | cps |
| Thallium | 205-1 | 22642 | 23898 | 23123 | 23221 | 2.73 | cps |
| Tin | 118-1 | 508436 | 509048 | 514699 | 510728 | 0.68 | cps |
| Titanium | 47-1 | 1240188 | 1282599 | 1235956 | 1252915 | 2.06 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:25:05 | DataFile Name : | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 147587 | 152038 | 151260 | 150295 | 1.58 | cps |
| Vanadium | 51-2 | 705598 | 704660 | 706175 | 705478 | 0.11 | cps |
| Yttrium | 89-1 | 8353161 | 8257729 | 8194249 | 8268380 | 0.97 | cps |
| Yttrium | 89-2 | 2542688 | 2525571 | 2492918 | 2520392 | 1.00 | cps |
| Zinc | 66-2 | 2062674 | 2046444 | 2007177 | 2038765 | 1.40 | cps |
| Zirconium | 90-1 | 500872 | 507307 | 505302 | 504494 | 0.65 | cps |
| Zirconium | 91-1 | 109523 | 110829 | 114577 | 111643 | 2.35 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:28:08 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 17509888 | 17090998 | 16939348 | 17180078 | 1.72 | cps |
| Antimony | 121-1 | 15458 | 16199 | 15759 | 15805 | 2.36 | cps |
| Arsenic | 75-2 | 124516 | 124548 | 123984 | 124349 | 0.25 | cps |
| Barium | 135-1 | 2278754 | 2341486 | 2286229 | 2302156 | 1.49 | cps |
| Barium | 137-1 | 3886717 | 4040345 | 4025586 | 3984216 | 2.13 | cps |
| Beryllium | 9-1 | 8209 | 8259 | 8252 | 8240 | 0.33 | cps |
| Bismuth | 209-1 | 3179116 | 3137971 | 3202988 | 3173358 | 1.04 | cps |
| Bismuth | 209-2 | 2874886 | 2926375 | 2843148 | 2881470 | 1.46 | cps |
| Bromine | 81-1 | 783750 | 999919 | 1104622 | 962763 | 17.00 | cps |
| Bromine | 81-2 | 246922 | 246976 | 246329 | 246742 | 0.15 | cps |
| Cadmium | 108-1 | 10884 | 11468 | 11698 | 11350 | 3.70 | cps |
| Cadmium | 106-1 | 17531 | 17691 | 17874 | 17699 | 0.97 | cps |
| Cadmium | 111-1 | 146793 | 151513 | 151679 | 149995 | 1.85 | cps |
| Calcium | 43-1 | 1055508 | 1058129 | 1068053 | 1060563 | 0.62 | cps |
| Calcium | 44-1 | 16705100 | 16685122 | 16776463 | 16722228 | 0.29 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 10149263 | 10117886 | 10259635 | 10175595 | 0.73 | cps |
| Cobalt | 59-2 | 511026 | 504021 | 506537 | 507194 | 0.70 | cps |
| Copper | 63-2 | 12304672 | 12552179 | 12239454 | 12365435 | 1.33 | cps |
| Dysprosium | 156-1 | 144542 | 148706 | 146122 | 146457 | 1.44 | cps |
| Dysprosium | 156-2 | 143960 | 141962 | 142327 | 142749 | 0.75 | cps |
| Erbium | 164-1 | 141522 | 144575 | 144063 | 143387 | 1.14 | cps |
| Erbium | 164-2 | 110860 | 111081 | 110628 | 110856 | 0.20 | cps |
| Gadolinium | 160-1 | 150719 | 155420 | 155124 | 153754 | 1.71 | cps |
| Gadolinium | 160-2 | 127000 | 124552 | 124619 | 125390 | 1.11 | cps |
| Holmium | 165-1 | 4875667 | 4813007 | 4980304 | 4889659 | 1.73 | cps |
| Holmium | 165-2 | 3808349 | 3864032 | 3881913 | 3851431 | 1.00 | cps |
| Indium | 115-1 | 3852402 | 3815847 | 3817333 | 3828527 | 0.54 | cps |
| Indium | 115-2 | 1484794 | 1488305 | 1489400 | 1487500 | 0.16 | cps |
| Iron | 56-2 | 733592709 | 747767696 | 744983989 | 742114798 | 1.01 | cps |
| Iron | 57-2 | 18546667 | 18076626 | 18371174 | 18331489 | 1.30 | cps |
| Iron | 54-2 | 41577235 | 41452580 | 41552511 | 41527442 | 0.16 | cps |
| Krypton | 83-1 | 613 | 610 | 587 | 603 | 2.41 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:28:08 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 14144192 | 14857218 | 14402923 | 14468111 | 2.49 | cps |
| Lead | 207-1 | 11862313 | 11902610 | 11997266 | 11920729 | 0.58 | cps |
| Lead | 208-1 | 55157313 | 55439735 | 56580637 | 55725895 | 1.35 | cps |
| Lithium | 6-1 | 669818 | 671206 | 661790 | 667605 | 0.76 | cps |
| Magnesium | 24-2 | 20804703 | 20499860 | 20526798 | 20610454 | 0.82 | cps |
| Manganese | 55-2 | 6467142 | 6397712 | 6299820 | 6388224 | 1.32 | cps |
| Molybdenum | 94-1 | 370497 | 376664 | 372533 | 373231 | 0.84 | cps |
| Molybdenum | 95-1 | 106196 | 108778 | 107731 | 107568 | 1.21 | cps |
| Molybdenum | 96-1 | 166430 | 172391 | 168145 | 168989 | 1.82 | cps |
| Molybdenum | 97-1 | 65540 | 67143 | 67291 | 66658 | 1.46 | cps |
| Molybdenum | 98-1 | 171483 | 173428 | 172330 | 172414 | 0.57 | cps |
| Neodymium | 150-1 | 231264 | 239344 | 237831 | 236146 | 1.82 | cps |
| Neodymium | 150-2 | 155576 | 154876 | 154498 | 154983 | 0.35 | cps |
| Nickel | 60-2 | 913214 | 897874 | 898455 | 903181 | 0.96 | cps |
| Phosphorus | 31-2 | 104212 | 105152 | 103725 | 104363 | 0.69 | cps |
| Potassium | 39-2 | 7639329 | 7557956 | 7548238 | 7581841 | 0.66 | cps |
| Rhodium | 103-1 | 3720891 | 3767087 | 3735752 | 3741243 | 0.63 | cps |
| Rhodium | 103-2 | 2560272 | 2519164 | 2525287 | 2534907 | 0.87 | cps |
| Scandium | 45-1 | 2744418 | 2747823 | 2681971 | 2724737 | 1.36 | cps |
| Scandium | 45-2 | 291858 | 292006 | 290767 | 291544 | 0.23 | cps |
| Selenium | 82-1 | 2896 | 3037 | 3078 | 3004 | 3.19 | cps |
| Selenium | 77-2 | 1093 | 953 | 1003 | 1017 | 6.98 | cps |
| Selenium | 78-2 | 1747 | 1720 | 1767 | 1745 | 1.34 | cps |
| Silicon | 28-1 | 14842209 | 15210225 | 15683045 | 15245159 | 2.76 | cps |
| Silver | 107-1 | 303092 | 307614 | 309097 | 306601 | 1.02 | cps |
| Silver | 109-1 | 285299 | 292247 | 291381 | 289642 | 1.31 | cps |
| Sodium | 23-2 | 32487815 | 32259709 | 32686340 | 32477954 | 0.66 | cps |
| Strontium | 86-1 | 1172418 | 1194648 | 1196172 | 1187746 | 1.12 | cps |
| Strontium | 88-1 | 10633807 | 10861829 | 10864547 | 10786728 | 1.23 | cps |
| Sulfur | 34-1 | 4129388 | 4049500 | 3987744 | 4055544 | 1.75 | cps |
| Terbium | 159-1 | 4879917 | 4788980 | 4949223 | 4872707 | 1.65 | cps |
| Terbium | 159-2 | 3725920 | 3684479 | 3693380 | 3701260 | 0.59 | cps |
| Thallium | 203-1 | 14201 | 13934 | 13984 | 14040 | 1.01 | cps |
| Thallium | 205-1 | 33622 | 34320 | 34524 | 34155 | 1.39 | cps |
| Tin | 118-1 | 1223342 | 1243261 | 1230143 | 1232249 | 0.82 | cps |
| Titanium | 47-1 | 1959137 | 2063527 | 2000592 | 2007752 | 2.62 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:28:08 | DataFile Name : | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 309763 | 316163 | 309168 | 311698 | 1.24 | cps |
| Vanadium | 51-2 | 1428808 | 1421664 | 1449763 | 1433412 | 1.02 | cps |
| Yttrium | 89-1 | 8901202 | 8653134 | 8770704 | 8775013 | 1.41 | cps |
| Yttrium | 89-2 | 2688102 | 2732769 | 2689080 | 2703317 | 0.94 | cps |
| Zinc | 66-2 | 3897239 | 3842926 | 3866392 | 3868853 | 0.70 | cps |
| Zirconium | 90-1 | 841348 | 850036 | 853295 | 848226 | 0.73 | cps |
| Zirconium | 91-1 | 188701 | 191974 | 188409 | 189695 | 1.04 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:31:10 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 12060795 | 12062716 | 12454014 | 12192508 | 1.86 | cps |
| Antimony | 121-1 | 4577 | 4601 | 4684 | 4621 | 1.21 | cps |
| Arsenic | 75-2 | 52116 | 52203 | 51355 | 51892 | 0.90 | cps |
| Barium | 135-1 | 1050709 | 1069928 | 1081272 | 1067303 | 1.45 | cps |
| Barium | 137-1 | 1941132 | 1952812 | 1949739 | 1947894 | 0.31 | cps |
| Beryllium | 9-1 | 5698 | 5965 | 5911 | 5858 | 2.41 | cps |
| Bismuth | 209-1 | 3147503 | 3082112 | 3108855 | 3112823 | 1.06 | cps |
| Bismuth | 209-2 | 2781212 | 2782606 | 2788537 | 2784118 | 0.14 | cps |
| Bromine | 81-1 | 634064 | 782718 | 862065 | 759616 | 15.24 | cps |
| Bromine | 81-2 | 192136 | 191231 | 192479 | 191948 | 0.34 | cps |
| Cadmium | 108-1 | 5171 | 5531 | 5418 | 5373 | 3.43 | cps |
| Cadmium | 106-1 | 9863 | 9383 | 9670 | 9639 | 2.51 | cps |
| Cadmium | 111-1 | 65407 | 65582 | 65735 | 65575 | 0.25 | cps |
| Calcium | 43-1 | 560935 | 570677 | 577380 | 569664 | 1.45 | cps |
| Calcium | 44-1 | 8946227 | 9037784 | 9073229 | 9019080 | 0.73 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4102507 | 4186421 | 4188464 | 4159131 | 1.18 | cps |
| Cobalt | 59-2 | 348995 | 347507 | 350766 | 349090 | 0.47 | cps |
| Copper | 63-2 | 6212893 | 6329285 | 6226676 | 6256285 | 1.02 | cps |
| Dysprosium | 156-1 | 98580 | 99701 | 100748 | 99676 | 1.09 | cps |
| Dysprosium | 156-2 | 100090 | 100681 | 99195 | 99989 | 0.75 | cps |
| Erbium | 164-1 | 98196 | 99250 | 100935 | 99460 | 1.39 | cps |
| Erbium | 164-2 | 77360 | 78050 | 76796 | 77402 | 0.81 | cps |
| Gadolinium | 160-1 | 105071 | 107637 | 106838 | 106515 | 1.23 | cps |
| Gadolinium | 160-2 | 87853 | 86193 | 87813 | 87287 | 1.08 | cps |
| Holmium | 165-1 | 4801131 | 4741254 | 4735840 | 4759408 | 0.76 | cps |
| Holmium | 165-2 | 3898422 | 3781565 | 3759643 | 3813210 | 1.96 | cps |
| Indium | 115-1 | 3729827 | 3732583 | 3711721 | 3724711 | 0.30 | cps |
| Indium | 115-2 | 1486326 | 1492527 | 1482514 | 1487122 | 0.34 | cps |
| Iron | 56-2 | 533030045 | 539874272 | 531944925 | 534949748 | 0.80 | cps |
| Iron | 57-2 | 13165822 | 13223863 | 13152434 | 13180706 | 0.29 | cps |
| Iron | 54-2 | 29476740 | 30015692 | 29489822 | 29660751 | 1.04 | cps |
| Krypton | 83-1 | 543 | 570 | 473 | 529 | 9.44 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:31:10 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 16750325 | 16976156 | 16251746 | 16659409 | 2.22 | cps |
| Lead | 207-1 | 13865260 | 13550944 | 13984451 | 13800218 | 1.62 | cps |
| Lead | 208-1 | 63482922 | 63596161 | 64318962 | 63799348 | 0.71 | cps |
| Lithium | 6-1 | 653704 | 647078 | 647622 | 649468 | 0.57 | cps |
| Magnesium | 24-2 | 15679298 | 15591356 | 15729906 | 15666854 | 0.45 | cps |
| Manganese | 55-2 | 4671980 | 4709976 | 4768804 | 4716920 | 1.03 | cps |
| Molybdenum | 94-1 | 269114 | 270353 | 270832 | 270100 | 0.33 | cps |
| Molybdenum | 95-1 | 69521 | 71370 | 71011 | 70634 | 1.39 | cps |
| Molybdenum | 96-1 | 113172 | 115261 | 117518 | 115317 | 1.89 | cps |
| Molybdenum | 97-1 | 44210 | 44514 | 45477 | 44734 | 1.48 | cps |
| Molybdenum | 98-1 | 113729 | 114687 | 115594 | 114670 | 0.81 | cps |
| Neodymium | 150-1 | 155974 | 160489 | 159372 | 158612 | 1.48 | cps |
| Neodymium | 150-2 | 104303 | 103772 | 103409 | 103828 | 0.43 | cps |
| Nickel | 60-2 | 504029 | 502480 | 500703 | 502404 | 0.33 | cps |
| Phosphorus | 31-2 | 55025 | 56066 | 55657 | 55583 | 0.94 | cps |
| Potassium | 39-2 | 5677189 | 5728626 | 5612242 | 5672686 | 1.03 | cps |
| Rhodium | 103-1 | 3746173 | 3682941 | 3727207 | 3718774 | 0.87 | cps |
| Rhodium | 103-2 | 2518058 | 2511619 | 2576027 | 2535235 | 1.40 | cps |
| Scandium | 45-1 | 2546750 | 2599261 | 2591609 | 2579207 | 1.10 | cps |
| Scandium | 45-2 | 279933 | 282019 | 280578 | 280843 | 0.38 | cps |
| Selenium | 82-1 | 1780 | 1766 | 1861 | 1803 | 2.86 | cps |
| Selenium | 77-2 | 623 | 653 | 527 | 601 | 11.01 | cps |
| Selenium | 78-2 | 1277 | 1080 | 1250 | 1202 | 8.87 | cps |
| Silicon | 28-1 | 4602833 | 4219591 | 5737426 | 4853283 | 16.26 | cps |
| Silver | 107-1 | 275098 | 280553 | 278991 | 278214 | 1.01 | cps |
| Silver | 109-1 | 260758 | 265543 | 265577 | 263959 | 1.05 | cps |
| Sodium | 23-2 | 30711456 | 30485856 | 29853645 | 30350319 | 1.47 | cps |
| Strontium | 86-1 | 545597 | 549222 | 549100 | 547973 | 0.38 | cps |
| Strontium | 88-1 | 4904322 | 4899675 | 5029514 | 4944504 | 1.49 | cps |
| Sulfur | 34-1 | 3055432 | 3122922 | 3121767 | 3100040 | 1.25 | cps |
| Terbium | 159-1 | 4885118 | 4774071 | 4757660 | 4805616 | 1.44 | cps |
| Terbium | 159-2 | 3693605 | 3659055 | 3700928 | 3684529 | 0.61 | cps |
| Thallium | 203-1 | 8936 | 8953 | 8806 | 8899 | 0.90 | cps |
| Thallium | 205-1 | 21400 | 21440 | 21647 | 21496 | 0.62 | cps |
| Tin | 118-1 | 954658 | 956214 | 972175 | 961016 | 1.01 | cps |
| Titanium | 47-1 | 1391387 | 1402016 | 1368875 | 1387426 | 1.22 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:31:10 | DataFile Name : | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 159755 | 162382 | 161649 | 161262 | 0.84 | cps |
| Vanadium | 51-2 | 681531 | 685893 | 690519 | 685981 | 0.66 | cps |
| Yttrium | 89-1 | 8068479 | 8229527 | 8256686 | 8184897 | 1.24 | cps |
| Yttrium | 89-2 | 2528293 | 2497988 | 2514567 | 2513616 | 0.60 | cps |
| Zinc | 66-2 | 2282747 | 2238877 | 2260936 | 2260853 | 0.97 | cps |
| Zirconium | 90-1 | 628803 | 635068 | 633778 | 632550 | 0.52 | cps |
| Zirconium | 91-1 | 139588 | 143141 | 141285 | 141338 | 1.26 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:34:18 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14558881 | 14436687 | 14305614 | 14433727 | 0.88 | cps |
| Antimony | 121-1 | 5768 | 6051 | 6125 | 5981 | 3.15 | cps |
| Arsenic | 75-2 | 109140 | 108573 | 108702 | 108805 | 0.27 | cps |
| Barium | 135-1 | 1751776 | 1834102 | 1800159 | 1795346 | 2.30 | cps |
| Barium | 137-1 | 3056671 | 3103286 | 3122429 | 3094129 | 1.09 | cps |
| Beryllium | 9-1 | 5344 | 5528 | 5538 | 5470 | 1.99 | cps |
| Bismuth | 209-1 | 3106899 | 3086961 | 3115827 | 3103229 | 0.48 | cps |
| Bismuth | 209-2 | 2760212 | 2739026 | 2795884 | 2765041 | 1.04 | cps |
| Bromine | 81-1 | 585877 | 724387 | 791366 | 700543 | 14.96 | cps |
| Bromine | 81-2 | 178549 | 179997 | 180782 | 179776 | 0.63 | cps |
| Cadmium | 108-1 | 5704 | 5915 | 6095 | 5905 | 3.31 | cps |
| Cadmium | 106-1 | 10337 | 10050 | 10097 | 10161 | 1.51 | cps |
| Cadmium | 111-1 | 78880 | 79989 | 80000 | 79623 | 0.81 | cps |
| Calcium | 43-1 | 496958 | 494247 | 505704 | 498970 | 1.20 | cps |
| Calcium | 44-1 | 7824549 | 7866883 | 8006232 | 7899222 | 1.20 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6168253 | 6153283 | 6335793 | 6219110 | 1.63 | cps |
| Cobalt | 59-2 | 325310 | 321168 | 320284 | 322254 | 0.83 | cps |
| Copper | 63-2 | 7908248 | 7796578 | 8007669 | 7904165 | 1.34 | cps |
| Dysprosium | 156-1 | 120375 | 120415 | 120324 | 120371 | 0.04 | cps |
| Dysprosium | 156-2 | 117729 | 118267 | 117141 | 117712 | 0.48 | cps |
| Erbium | 164-1 | 116511 | 118455 | 119389 | 118118 | 1.24 | cps |
| Erbium | 164-2 | 90787 | 90934 | 90736 | 90819 | 0.11 | cps |
| Gadolinium | 160-1 | 126591 | 126667 | 128858 | 127372 | 1.01 | cps |
| Gadolinium | 160-2 | 104735 | 103600 | 103103 | 103813 | 0.81 | cps |
| Holmium | 165-1 | 4664964 | 4679490 | 4873075 | 4739176 | 2.45 | cps |
| Holmium | 165-2 | 3701043 | 3727121 | 3690673 | 3706279 | 0.51 | cps |
| Indium | 115-1 | 3747049 | 3709705 | 3702479 | 3719744 | 0.64 | cps |
| Indium | 115-2 | 1470248 | 1470715 | 1463189 | 1468051 | 0.29 | cps |
| Iron | 56-2 | 609171084 | 595617671 | 609809858 | 604866204 | 1.33 | cps |
| Iron | 57-2 | 14965383 | 14410066 | 14453998 | 14609816 | 2.11 | cps |
| Iron | 54-2 | 33731963 | 33398450 | 32869240 | 33333218 | 1.31 | cps |
| Krypton | 83-1 | 507 | 503 | 537 | 516 | 3.56 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:34:18 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 10836022 | 10733269 | 11033110 | 10867467 | 1.40 | cps |
| Lead | 207-1 | 8966493 | 9154672 | 9167201 | 9096122 | 1.24 | cps |
| Lead | 208-1 | 42158257 | 42237939 | 43524404 | 42640200 | 1.80 | cps |
| Lithium | 6-1 | 646044 | 633419 | 642464 | 640643 | 1.02 | cps |
| Magnesium | 24-2 | 14429829 | 14183350 | 14314026 | 14309069 | 0.86 | cps |
| Manganese | 55-2 | 5366170 | 5254504 | 5324351 | 5315008 | 1.06 | cps |
| Molybdenum | 94-1 | 243917 | 247051 | 248374 | 246447 | 0.93 | cps |
| Molybdenum | 95-1 | 42067 | 42652 | 43421 | 42713 | 1.59 | cps |
| Molybdenum | 96-1 | 84952 | 84972 | 85157 | 85027 | 0.13 | cps |
| Molybdenum | 97-1 | 26491 | 26885 | 26501 | 26625 | 0.84 | cps |
| Molybdenum | 98-1 | 67921 | 68205 | 68952 | 68359 | 0.78 | cps |
| Neodymium | 150-1 | 182719 | 186278 | 188597 | 185865 | 1.59 | cps |
| Neodymium | 150-2 | 125440 | 123986 | 124784 | 124737 | 0.58 | cps |
| Nickel | 60-2 | 396856 | 390961 | 395889 | 394569 | 0.80 | cps |
| Phosphorus | 31-2 | 120033 | 119728 | 117981 | 119247 | 0.93 | cps |
| Potassium | 39-2 | 5748939 | 5841434 | 5741529 | 5777301 | 0.96 | cps |
| Rhodium | 103-1 | 3689345 | 3608427 | 3601304 | 3633026 | 1.35 | cps |
| Rhodium | 103-2 | 2497127 | 2485179 | 2508777 | 2497028 | 0.47 | cps |
| Scandium | 45-1 | 2628242 | 2590418 | 2580930 | 2599863 | 0.96 | cps |
| Scandium | 45-2 | 281482 | 281656 | 279878 | 281006 | 0.35 | cps |
| Selenium | 82-1 | 2243 | 2293 | 2254 | 2263 | 1.17 | cps |
| Selenium | 77-2 | 817 | 777 | 723 | 772 | 6.06 | cps |
| Selenium | 78-2 | 1427 | 1440 | 1390 | 1419 | 1.82 | cps |
| Silicon | 28-1 | 4417012 | 4089684 | 4528534 | 4345076 | 5.25 | cps |
| Silver | 107-1 | 283678 | 291084 | 294531 | 289764 | 1.91 | cps |
| Silver | 109-1 | 270165 | 274562 | 280340 | 275022 | 1.86 | cps |
| Sodium | 23-2 | 25420900 | 25305662 | 25274675 | 25333746 | 0.30 | cps |
| Strontium | 86-1 | 747626 | 760715 | 754740 | 754361 | 0.87 | cps |
| Strontium | 88-1 | 6776093 | 7020924 | 6865487 | 6887502 | 1.80 | cps |
| Sulfur | 34-1 | 2837097 | 2942571 | 2912835 | 2897501 | 1.88 | cps |
| Terbium | 159-1 | 4726340 | 4759969 | 4828937 | 4771749 | 1.10 | cps |
| Terbium | 159-2 | 3688235 | 3576681 | 3619980 | 3628298 | 1.55 | cps |
| Thallium | 203-1 | 11081 | 11945 | 11281 | 11436 | 3.95 | cps |
| Thallium | 205-1 | 26706 | 27742 | 27077 | 27175 | 1.93 | cps |
| Tin | 118-1 | 892866 | 895758 | 902291 | 896972 | 0.54 | cps |
| Titanium | 47-1 | 1329907 | 1346328 | 1384851 | 1353696 | 2.08 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:34:18 | DataFile Name : | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 146873 | 147187 | 151367 | 148476 | 1.69 | cps |
| Vanadium | 51-2 | 886360 | 887868 | 891107 | 888445 | 0.27 | cps |
| Yttrium | 89-1 | 8276346 | 8255333 | 8325284 | 8285654 | 0.43 | cps |
| Yttrium | 89-2 | 2562250 | 2496716 | 2524088 | 2527685 | 1.30 | cps |
| Zinc | 66-2 | 2098541 | 2084030 | 2129700 | 2104091 | 1.11 | cps |
| Zirconium | 90-1 | 605340 | 611680 | 608010 | 608344 | 0.52 | cps |
| Zirconium | 91-1 | 135513 | 136610 | 135499 | 135874 | 0.47 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:41:36 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 15178473 | 15126697 | 15027436 | 15110869 | 0.51 | cps |
| Antimony | 121-1 | 8106 | 8286 | 8222 | 8205 | 1.11 | cps |
| Arsenic | 75-2 | 112075 | 111873 | 112086 | 112011 | 0.11 | cps |
| Barium | 135-1 | 1850147 | 1910025 | 1914834 | 1891669 | 1.91 | cps |
| Barium | 137-1 | 3226088 | 3283667 | 3270235 | 3259997 | 0.92 | cps |
| Beryllium | 9-1 | 5761 | 5828 | 5644 | 5744 | 1.62 | cps |
| Bismuth | 209-1 | 3113059 | 3174142 | 3141946 | 3143049 | 0.97 | cps |
| Bismuth | 209-2 | 2848601 | 2820650 | 2806894 | 2825382 | 0.75 | cps |
| Bromine | 81-1 | 593145 | 746323 | 842968 | 727478 | 17.32 | cps |
| Bromine | 81-2 | 186405 | 187187 | 188690 | 187427 | 0.62 | cps |
| Cadmium | 108-1 | 5821 | 5991 | 6098 | 5970 | 2.34 | cps |
| Cadmium | 106-1 | 10481 | 10330 | 10307 | 10373 | 0.91 | cps |
| Cadmium | 111-1 | 81756 | 84254 | 82433 | 82814 | 1.56 | cps |
| Calcium | 43-1 | 513840 | 524060 | 524656 | 520852 | 1.17 | cps |
| Calcium | 44-1 | 8167707 | 8173583 | 8223265 | 8188185 | 0.37 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6488621 | 6439762 | 6440822 | 6456402 | 0.43 | cps |
| Cobalt | 59-2 | 334810 | 334935 | 334276 | 334673 | 0.10 | cps |
| Copper | 63-2 | 8099215 | 8148124 | 8150320 | 8132553 | 0.36 | cps |
| Dysprosium | 156-1 | 123273 | 126009 | 123340 | 124208 | 1.26 | cps |
| Dysprosium | 156-2 | 123057 | 121238 | 120765 | 121686 | 0.99 | cps |
| Erbium | 164-1 | 119679 | 122006 | 121964 | 121217 | 1.10 | cps |
| Erbium | 164-2 | 94927 | 94084 | 94246 | 94419 | 0.47 | cps |
| Gadolinium | 160-1 | 130963 | 133618 | 134651 | 133078 | 1.43 | cps |
| Gadolinium | 160-2 | 107953 | 107348 | 108342 | 107881 | 0.46 | cps |
| Holmium | 165-1 | 4832585 | 5055069 | 5001788 | 4963147 | 2.34 | cps |
| Holmium | 165-2 | 3829909 | 3833665 | 3891406 | 3851660 | 0.90 | cps |
| Indium | 115-1 | 3753138 | 3815065 | 3760623 | 3776275 | 0.90 | cps |
| Indium | 115-2 | 1505995 | 1499864 | 1492462 | 1499440 | 0.45 | cps |
| Iron | 56-2 | 623774311 | 622150911 | 625069964 | 623665062 | 0.23 | cps |
| Iron | 57-2 | 15756086 | 15441969 | 15293414 | 15497156 | 1.52 | cps |
| Iron | 54-2 | 34009075 | 34147159 | 34615779 | 34257338 | 0.93 | cps |
| Krypton | 83-1 | 547 | 570 | 540 | 552 | 2.85 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:41:36 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11387116 | 11701516 | 11413603 | 11500745 | 1.52 | cps |
| Lead | 207-1 | 9760511 | 9669444 | 9755390 | 9728449 | 0.53 | cps |
| Lead | 208-1 | 44321089 | 44754607 | 44552558 | 44542751 | 0.49 | cps |
| Lithium | 6-1 | 656575 | 666230 | 674987 | 665930 | 1.38 | cps |
| Magnesium | 24-2 | 15140313 | 14592244 | 15088794 | 14940451 | 2.03 | cps |
| Manganese | 55-2 | 5577508 | 5544388 | 5476443 | 5532780 | 0.93 | cps |
| Molybdenum | 94-1 | 256881 | 262680 | 264616 | 261392 | 1.54 | cps |
| Molybdenum | 95-1 | 43889 | 44648 | 45688 | 44742 | 2.02 | cps |
| Molybdenum | 96-1 | 88117 | 90056 | 91461 | 89878 | 1.87 | cps |
| Molybdenum | 97-1 | 27379 | 28495 | 28434 | 28103 | 2.23 | cps |
| Molybdenum | 98-1 | 71816 | 73410 | 73534 | 72920 | 1.31 | cps |
| Neodymium | 150-1 | 194149 | 195916 | 196724 | 195597 | 0.67 | cps |
| Neodymium | 150-2 | 129557 | 126650 | 128803 | 128337 | 1.18 | cps |
| Nickel | 60-2 | 415174 | 415162 | 415018 | 415118 | 0.02 | cps |
| Phosphorus | 31-2 | 124694 | 120906 | 122199 | 122600 | 1.57 | cps |
| Potassium | 39-2 | 6104356 | 5890995 | 6122766 | 6039372 | 2.13 | cps |
| Rhodium | 103-1 | 3819775 | 3740804 | 3763613 | 3774731 | 1.08 | cps |
| Rhodium | 103-2 | 2565377 | 2596221 | 2538235 | 2566611 | 1.13 | cps |
| Scandium | 45-1 | 2633132 | 2640167 | 2670494 | 2647931 | 0.75 | cps |
| Scandium | 45-2 | 289075 | 287160 | 286899 | 287711 | 0.41 | cps |
| Selenium | 82-1 | 2250 | 2325 | 2370 | 2315 | 2.63 | cps |
| Selenium | 77-2 | 697 | 810 | 827 | 778 | 9.10 | cps |
| Selenium | 78-2 | 1520 | 1527 | 1667 | 1571 | 5.27 | cps |
| Silicon | 28-1 | 12625977 | 11193454 | 11771489 | 11863640 | 6.07 | cps |
| Silver | 107-1 | 295277 | 299889 | 302160 | 299109 | 1.17 | cps |
| Silver | 109-1 | 276759 | 281870 | 285276 | 281301 | 1.52 | cps |
| Sodium | 23-2 | 26356529 | 26433869 | 26432502 | 26407633 | 0.17 | cps |
| Strontium | 86-1 | 771580 | 785407 | 788991 | 781993 | 1.18 | cps |
| Strontium | 88-1 | 6977326 | 7141805 | 7295447 | 7138193 | 2.23 | cps |
| Sulfur | 34-1 | 3011741 | 3002500 | 3057580 | 3023940 | 0.98 | cps |
| Terbium | 159-1 | 4923893 | 4843245 | 5049642 | 4938927 | 2.11 | cps |
| Terbium | 159-2 | 3660407 | 3641442 | 3709096 | 3670315 | 0.95 | cps |
| Thallium | 203-1 | 11515 | 12002 | 12192 | 11903 | 2.93 | cps |
| Thallium | 205-1 | 28079 | 29061 | 28143 | 28428 | 1.93 | cps |
| Tin | 118-1 | 876857 | 890209 | 901877 | 889648 | 1.41 | cps |
| Titanium | 47-1 | 1450595 | 1446717 | 1464671 | 1453994 | 0.65 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUP | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:41:36 | DataFile Name : | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 154487 | 158494 | 156562 | 156514 | 1.28 | cps |
| Vanadium | 51-2 | 916781 | 905949 | 915786 | 912839 | 0.66 | cps |
| Yttrium | 89-1 | 8392840 | 8507150 | 8618851 | 8506280 | 1.33 | cps |
| Yttrium | 89-2 | 2665002 | 2585138 | 2600283 | 2616808 | 1.62 | cps |
| Zinc | 66-2 | 2229705 | 2166640 | 2114337 | 2170227 | 2.66 | cps |
| Zirconium | 90-1 | 630513 | 651759 | 649121 | 643797 | 1.80 | cps |
| Zirconium | 91-1 | 141139 | 142799 | 145138 | 143025 | 1.40 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 17:44:38 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2881542 | 2866984 | 2856730 | 2868418 | 0.43 | cps |
| Antimony | 121-1 | 1163 | 1187 | 1383 | 1245 | 9.71 | cps |
| Arsenic | 75-2 | 21744 | 21781 | 21191 | 21572 | 1.53 | cps |
| Barium | 135-1 | 337768 | 340868 | 337552 | 338729 | 0.55 | cps |
| Barium | 137-1 | 582135 | 596185 | 588543 | 588954 | 1.19 | cps |
| Beryllium | 9-1 | 1193 | 1097 | 1070 | 1120 | 5.79 | cps |
| Bismuth | 209-1 | 2993785 | 3010248 | 3053245 | 3019093 | 1.02 | cps |
| Bismuth | 209-2 | 2733240 | 2723937 | 2680710 | 2712629 | 1.03 | cps |
| Bromine | 81-1 | 171914 | 189812 | 194267 | 185331 | 6.38 | cps |
| Bromine | 81-2 | 39596 | 38711 | 39011 | 39106 | 1.15 | cps |
| Cadmium | 108-1 | 1143 | 1257 | 1213 | 1205 | 4.75 | cps |
| Cadmium | 106-1 | 3470 | 3557 | 3510 | 3513 | 1.24 | cps |
| Cadmium | 111-1 | 17254 | 17199 | 17220 | 17224 | 0.16 | cps |
| Calcium | 43-1 | 99672 | 101417 | 99638 | 100242 | 1.02 | cps |
| Calcium | 44-1 | 1605524 | 1576805 | 1604034 | 1595454 | 1.01 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1220344 | 1227493 | 1226060 | 1224632 | 0.31 | cps |
| Cobalt | 59-2 | 64214 | 64150 | 64210 | 64191 | 0.06 | cps |
| Copper | 63-2 | 1575923 | 1564023 | 1554526 | 1564824 | 0.69 | cps |
| Dysprosium | 156-1 | 23630 | 23780 | 23547 | 23652 | 0.50 | cps |
| Dysprosium | 156-2 | 23189 | 23567 | 22959 | 23238 | 1.32 | cps |
| Erbium | 164-1 | 23657 | 22842 | 23163 | 23221 | 1.77 | cps |
| Erbium | 164-2 | 17962 | 18075 | 17561 | 17866 | 1.51 | cps |
| Gadolinium | 160-1 | 24862 | 24822 | 24929 | 24871 | 0.22 | cps |
| Gadolinium | 160-2 | 20869 | 20422 | 20595 | 20629 | 1.09 | cps |
| Holmium | 165-1 | 4863886 | 4850180 | 4768133 | 4827400 | 1.07 | cps |
| Holmium | 165-2 | 3798932 | 3750531 | 3792660 | 3780708 | 0.70 | cps |
| Indium | 115-1 | 3811439 | 3838691 | 3806253 | 3818794 | 0.46 | cps |
| Indium | 115-2 | 1516842 | 1502375 | 1499773 | 1506330 | 0.61 | cps |
| Iron | 56-2 | 118588732 | 117665255 | 117022878 | 117758955 | 0.67 | cps |
| Iron | 57-2 | 3018786 | 2875873 | 2846862 | 2913840 | 3.16 | cps |
| Iron | 54-2 | 6573933 | 6711367 | 6510768 | 6598689 | 1.55 | cps |
| Krypton | 83-1 | 423 | 360 | 313 | 366 | 15.10 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 17:44:38 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2190855 | 2210128 | 2214383 | 2205122 | 0.57 | cps |
| Lead | 207-1 | 1818983 | 1863488 | 1808951 | 1830474 | 1.59 | cps |
| Lead | 208-1 | 8429637 | 8620587 | 8517812 | 8522679 | 1.12 | cps |
| Lithium | 6-1 | 637859 | 647768 | 642073 | 642567 | 0.77 | cps |
| Magnesium | 24-2 | 2827100 | 2840946 | 2837797 | 2835281 | 0.26 | cps |
| Manganese | 55-2 | 1041353 | 1034743 | 1036988 | 1037695 | 0.32 | cps |
| Molybdenum | 94-1 | 48159 | 48600 | 48333 | 48364 | 0.46 | cps |
| Molybdenum | 95-1 | 8406 | 8416 | 8736 | 8519 | 2.20 | cps |
| Molybdenum | 96-1 | 16980 | 16683 | 16843 | 16835 | 0.88 | cps |
| Molybdenum | 97-1 | 5344 | 5291 | 5614 | 5417 | 3.20 | cps |
| Molybdenum | 98-1 | 13690 | 13436 | 14037 | 13721 | 2.20 | cps |
| Neodymium | 150-1 | 36651 | 37617 | 36246 | 36838 | 1.91 | cps |
| Neodymium | 150-2 | 24238 | 24264 | 23703 | 24068 | 1.31 | cps |
| Nickel | 60-2 | 79054 | 79124 | 79422 | 79200 | 0.25 | cps |
| Phosphorus | 31-2 | 24086 | 24596 | 24470 | 24384 | 1.09 | cps |
| Potassium | 39-2 | 1199268 | 1205228 | 1176833 | 1193776 | 1.25 | cps |
| Rhodium | 103-1 | 3720803 | 3723610 | 3724242 | 3722885 | 0.05 | cps |
| Rhodium | 103-2 | 2683174 | 2636189 | 2591502 | 2636955 | 1.74 | cps |
| Scandium | 45-1 | 2417667 | 2413589 | 2400920 | 2410726 | 0.36 | cps |
| Scandium | 45-2 | 261419 | 260172 | 257724 | 259772 | 0.72 | cps |
| Selenium | 82-1 | 663 | 740 | 743 | 716 | 6.35 | cps |
| Selenium | 77-2 | 193 | 153 | 153 | 167 | 13.86 | cps |
| Selenium | 78-2 | 557 | 560 | 633 | 583 | 7.43 | cps |
| Silicon | 28-1 | 1437678 | 1513946 | 1604687 | 1518771 | 5.51 | cps |
| Silver | 107-1 | 58668 | 59237 | 59545 | 59150 | 0.75 | cps |
| Silver | 109-1 | 54760 | 55088 | 55676 | 55175 | 0.84 | cps |
| Sodium | 23-2 | 5017223 | 5135746 | 5190654 | 5114541 | 1.73 | cps |
| Strontium | 86-1 | 148348 | 151795 | 151663 | 150602 | 1.30 | cps |
| Strontium | 88-1 | 1298238 | 1320228 | 1312064 | 1310177 | 0.85 | cps |
| Sulfur | 34-1 | 672274 | 680270 | 684095 | 678879 | 0.89 | cps |
| Terbium | 159-1 | 4826121 | 4839002 | 4902393 | 4855839 | 0.84 | cps |
| Terbium | 159-2 | 3628280 | 3580379 | 3651169 | 3619943 | 1.00 | cps |
| Thallium | 203-1 | 2460 | 2444 | 2500 | 2468 | 1.18 | cps |
| Thallium | 205-1 | 5728 | 5795 | 5771 | 5765 | 0.59 | cps |
| Tin | 118-1 | 176594 | 182452 | 178897 | 179314 | 1.65 | cps |
| Titanium | 47-1 | 258692 | 264671 | 263026 | 262129 | 1.18 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 17:44:38 | DataFile Name : | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30018 | 29761 | 29183 | 29654 | 1.44 | cps |
| Vanadium | 51-2 | 172913 | 173291 | 173384 | 173196 | 0.14 | cps |
| Yttrium | 89-1 | 7119768 | 7298829 | 7133299 | 7183965 | 1.39 | cps |
| Yttrium | 89-2 | 2196075 | 2206737 | 2181729 | 2194847 | 0.57 | cps |
| Zinc | 66-2 | 423688 | 423843 | 423424 | 423651 | 0.05 | cps |
| Zirconium | 90-1 | 118854 | 120625 | 120504 | 119995 | 0.82 | cps |
| Zirconium | 91-1 | 26911 | 27259 | 27072 | 27081 | 0.64 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:59:55 | DataFile Name : | 099CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7365595 | 7519233 | 7441175 | 7442001 | 1.03 | cps |
| Antimony | 121-1 | 2311793 | 2303990 | 2270338 | 2295373 | 0.96 | cps |
| Arsenic | 75-2 | 185309 | 184021 | 184663 | 184664 | 0.35 | cps |
| Barium | 135-1 | 2684652 | 2713892 | 2778527 | 2725690 | 1.76 | cps |
| Barium | 137-1 | 4570782 | 4705690 | 4679710 | 4652061 | 1.54 | cps |
| Beryllium | 9-1 | 414150 | 424061 | 419599 | 419270 | 1.18 | cps |
| Bismuth | 209-1 | 2795634 | 2884814 | 2789099 | 2823182 | 1.89 | cps |
| Bismuth | 209-2 | 2561666 | 2475296 | 2585369 | 2540777 | 2.28 | cps |
| Bromine | 81-1 | 10831 | 10871 | 10814 | 10839 | 0.27 | cps |
| Bromine | 81-2 | 890 | 853 | 790 | 844 | 5.99 | cps |
| Cadmium | 108-1 | 44605 | 46277 | 45551 | 45478 | 1.84 | cps |
| Cadmium | 106-1 | 63592 | 64034 | 64579 | 64068 | 0.77 | cps |
| Cadmium | 111-1 | 629045 | 632049 | 642519 | 634538 | 1.11 | cps |
| Calcium | 43-1 | 3177298 | 3215755 | 3204179 | 3199077 | 0.62 | cps |
| Calcium | 44-1 | 51687391 | 53004034 | 52382076 | 52357834 | 1.26 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1274362 | 1257118 | 1260636 | 1264039 | 0.72 | cps |
| Cobalt | 59-2 | 1912065 | 1927306 | 1932878 | 1924083 | 0.56 | cps |
| Copper | 63-2 | 14812752 | 14657975 | 14734170 | 14734965 | 0.53 | cps |
| Dysprosium | 156-1 | 157 | 123 | 133 | 138 | 12.41 | cps |
| Dysprosium | 156-2 | 320 | 343 | 350 | 338 | 4.66 | cps |
| Erbium | 164-1 | 253 | 267 | 280 | 267 | 5.00 | cps |
| Erbium | 164-2 | 193 | 233 | 247 | 224 | 12.37 | cps |
| Gadolinium | 160-1 | 213 | 197 | 170 | 193 | 11.31 | cps |
| Gadolinium | 160-2 | 387 | 377 | 353 | 372 | 4.60 | cps |
| Holmium | 165-1 | 4698419 | 4776463 | 4736012 | 4736965 | 0.82 | cps |
| Holmium | 165-2 | 3763112 | 3578392 | 3595415 | 3645640 | 2.80 | cps |
| Indium | 115-1 | 3669691 | 3596624 | 3600091 | 3622135 | 1.14 | cps |
| Indium | 115-2 | 1408832 | 1426615 | 1410568 | 1415338 | 0.69 | cps |
| Iron | 56-2 | 291706016 | 292806622 | 291560176 | 292024271 | 0.23 | cps |
| Iron | 57-2 | 7293269 | 7376364 | 7016209 | 7228614 | 2.61 | cps |
| Iron | 54-2 | 16053457 | 16003209 | 15816560 | 15957742 | 0.78 | cps |
| Krypton | 83-1 | 363 | 380 | 333 | 359 | 6.59 | cps |

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:59:55 | DataFile Name : | 099CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8980432 | 9180172 | 9066453 | 9075686 | 1.10 | cps |
| Lead | 207-1 | 7467866 | 7645614 | 7926601 | 7680027 | 3.01 | cps |
| Lead | 208-1 | 34749025 | 35672176 | 35754968 | 35392056 | 1.58 | cps |
| Lithium | 6-1 | 615114 | 617465 | 612971 | 615183 | 0.37 | cps |
| Magnesium | 24-2 | 67604942 | 66376299 | 66691517 | 66890920 | 0.95 | cps |
| Manganese | 55-2 | 10577337 | 10587584 | 10481427 | 10548782 | 0.56 | cps |
| Molybdenum | 94-1 | 8348355 | 8409129 | 8637045 | 8464843 | 1.80 | cps |
| Molybdenum | 95-1 | 12000266 | 12110522 | 12031915 | 12047568 | 0.47 | cps |
| Molybdenum | 96-1 | 12998829 | 12932295 | 13097892 | 13009672 | 0.64 | cps |
| Molybdenum | 97-1 | 7263393 | 7366822 | 7535110 | 7388442 | 1.86 | cps |
| Molybdenum | 98-1 | 19375686 | 19640306 | 19672516 | 19562836 | 0.83 | cps |
| Neodymium | 150-1 | 163 | 177 | 127 | 156 | 16.64 | cps |
| Neodymium | 150-2 | 77 | 77 | 77 | 77 | 0.00 | cps |
| Nickel | 60-2 | 488207 | 489106 | 487757 | 488357 | 0.14 | cps |
| Phosphorus | 31-2 | 87083 | 86442 | 86285 | 86603 | 0.49 | cps |
| Potassium | 39-2 | 33513956 | 33741474 | 33918878 | 33724769 | 0.60 | cps |
| Rhodium | 103-1 | 3551933 | 3574653 | 3484121 | 3536902 | 1.33 | cps |
| Rhodium | 103-2 | 2423596 | 2377751 | 2424158 | 2408502 | 1.11 | cps |
| Scandium | 45-1 | 2307741 | 2262672 | 2290770 | 2287061 | 1.00 | cps |
| Scandium | 45-2 | 245590 | 246119 | 245715 | 245808 | 0.11 | cps |
| Selenium | 82-1 | 52259 | 52067 | 52843 | 52390 | 0.77 | cps |
| Selenium | 77-2 | 6602 | 6475 | 6575 | 6550 | 1.02 | cps |
| Selenium | 78-2 | 20945 | 21502 | 21225 | 21224 | 1.31 | cps |
| Silicon | 28-1 | 23819550 | 24271960 | 23877425 | 23989645 | 1.03 | cps |
| Silver | 107-1 | 3151983 | 3101499 | 3129376 | 3127619 | 0.81 | cps |
| Silver | 109-1 | 2978366 | 3008803 | 2944437 | 2977202 | 1.08 | cps |
| Sodium | 23-2 | 102547635 | 101505605 | 101388635 | 101813958 | 0.63 | cps |
| Strontium | 86-1 | 746248 | 751975 | 744473 | 747566 | 0.52 | cps |
| Strontium | 88-1 | 6916903 | 6767186 | 6785538 | 6823209 | 1.20 | cps |
| Sulfur | 34-1 | 374104 | 381004 | 380132 | 378413 | 0.99 | cps |
| Terbium | 159-1 | 4765678 | 4846306 | 4728105 | 4780030 | 1.26 | cps |
| Terbium | 159-2 | 3564738 | 3488278 | 3541248 | 3531422 | 1.11 | cps |
| Thallium | 203-1 | 2174069 | 2235816 | 2231997 | 2213961 | 1.56 | cps |
| Thallium | 205-1 | 5205557 | 5358089 | 5164234 | 5242627 | 1.95 | cps |
| Tin | 118-1 | 1902562 | 1906811 | 1921252 | 1910208 | 0.51 | cps |
| Titanium | 47-1 | 3259759 | 3257790 | 3152635 | 3223395 | 1.90 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 17:59:55 | DataFile Name : | 099CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6624973 | 6818392 | 6895982 | 6779783 | 2.06 | cps |
| Vanadium | 51-2 | 1060028 | 1064019 | 1055301 | 1059783 | 0.41 | cps |
| Yttrium | 89-1 | 6662252 | 6536906 | 6544698 | 6581286 | 1.07 | cps |
| Yttrium | 89-2 | 2005880 | 1971115 | 1969926 | 1982307 | 1.03 | cps |
| Zinc | 66-2 | 2853541 | 2787753 | 2800140 | 2813812 | 1.24 | cps |
| Zirconium | 90-1 | 4178283 | 4242406 | 4226239 | 4215643 | 0.79 | cps |
| Zirconium | 91-1 | 903559 | 920043 | 915517 | 913039 | 0.93 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:10:33 | DataFile Name : | 100CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 517 | 410 | 427 | 451 | 12.72 | cps |
| Antimony | 121-1 | 237 | 170 | 223 | 210 | 16.80 | cps |
| Arsenic | 75-2 | 8 | 5 | 1 | 5 | 74.50 | cps |
| Barium | 135-1 | 20 | 27 | 20 | 22 | 17.33 | cps |
| Barium | 137-1 | 30 | 50 | 47 | 42 | 25.38 | cps |
| Beryllium | 9-1 | 13 | 7 | 27 | 16 | 65.47 | cps |
| Bismuth | 209-1 | 2859881 | 2818736 | 2885854 | 2854824 | 1.19 | cps |
| Bismuth | 209-2 | 2553321 | 2557110 | 2549636 | 2553356 | 0.15 | cps |
| Bromine | 81-1 | 8366 | 8549 | 8586 | 8500 | 1.39 | cps |
| Bromine | 81-2 | 500 | 423 | 427 | 450 | 9.63 | cps |
| Cadmium | 108-1 | 0 | 13 | 7 | 7 | 99.98 | cps |
| Cadmium | 106-1 | 1410 | 1323 | 1370 | 1368 | 3.17 | cps |
| Cadmium | 111-1 | 1004 | 924 | 961 | 963 | 4.16 | cps |
| Calcium | 43-1 | 180 | 160 | 113 | 151 | 22.64 | cps |
| Calcium | 44-1 | 15532 | 15588 | 15678 | 15599 | 0.47 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1437 | 1287 | 1427 | 1383 | 6.06 | cps |
| Cobalt | 59-2 | 43 | 60 | 57 | 53 | 16.54 | cps |
| Copper | 63-2 | 947 | 930 | 880 | 919 | 3.78 | cps |
| Dysprosium | 156-1 | 0 | 0 | 20 | 7 | 173.21 | cps |
| Dysprosium | 156-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Erbium | 164-1 | 33 | 23 | 20 | 26 | 27.15 | cps |
| Erbium | 164-2 | 7 | 17 | 20 | 14 | 48.02 | cps |
| Gadolinium | 160-1 | 37 | 7 | 13 | 19 | 83.40 | cps |
| Gadolinium | 160-2 | 217 | 233 | 227 | 226 | 3.72 | cps |
| Holmium | 165-1 | 4527329 | 4542370 | 4583317 | 4551005 | 0.64 | cps |
| Holmium | 165-2 | 3507821 | 3469904 | 3463518 | 3480415 | 0.69 | cps |
| Indium | 115-1 | 3573536 | 3636985 | 3538531 | 3583018 | 1.39 | cps |
| Indium | 115-2 | 1405360 | 1388713 | 1406820 | 1400298 | 0.72 | cps |
| Iron | 56-2 | 26658 | 23058 | 23225 | 24313 | 8.36 | cps |
| Iron | 57-2 | 1560 | 1527 | 1530 | 1539 | 1.19 | cps |
| Iron | 54-2 | 2200 | 2424 | 2227 | 2284 | 5.34 | cps |
| Krypton | 83-1 | 340 | 303 | 370 | 338 | 9.89 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:10:33 | DataFile Name : | 100CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 460 | 433 | 380 | 424 | 9.60 | cps |
| Lead | 207-1 | 403 | 337 | 380 | 373 | 9.06 | cps |
| Lead | 208-1 | 1847 | 1630 | 1677 | 1718 | 6.64 | cps |
| Lithium | 6-1 | 586938 | 593841 | 591001 | 590593 | 0.59 | cps |
| Magnesium | 24-2 | 263 | 330 | 353 | 316 | 14.80 | cps |
| Manganese | 55-2 | 617 | 607 | 590 | 604 | 2.23 | cps |
| Molybdenum | 94-1 | 190 | 203 | 230 | 208 | 9.80 | cps |
| Molybdenum | 95-1 | 233 | 207 | 170 | 203 | 15.64 | cps |
| Molybdenum | 96-1 | 263 | 233 | 210 | 236 | 11.35 | cps |
| Molybdenum | 97-1 | 140 | 180 | 117 | 146 | 22.00 | cps |
| Molybdenum | 98-1 | 327 | 297 | 313 | 312 | 4.81 | cps |
| Neodymium | 150-1 | 13 | 7 | 0 | 7 | 99.98 | cps |
| Neodymium | 150-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Nickel | 60-2 | 300 | 313 | 347 | 320 | 7.51 | cps |
| Phosphorus | 31-2 | 370 | 347 | 357 | 358 | 3.27 | cps |
| Potassium | 39-2 | 56160 | 55491 | 54196 | 55282 | 1.81 | cps |
| Rhodium | 103-1 | 3536195 | 3588303 | 3612656 | 3579051 | 1.09 | cps |
| Rhodium | 103-2 | 2494390 | 2377997 | 2349942 | 2407443 | 3.18 | cps |
| Scandium | 45-1 | 2151738 | 2213077 | 2146286 | 2170367 | 1.71 | cps |
| Scandium | 45-2 | 227686 | 228898 | 229377 | 228653 | 0.38 | cps |
| Selenium | 82-1 | 259 | 258 | 193 | 237 | 16.00 | cps |
| Selenium | 77-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Selenium | 78-2 | 377 | 303 | 333 | 338 | 10.92 | cps |
| Silicon | 28-1 | 575774 | 562257 | 575569 | 571200 | 1.36 | cps |
| Silver | 107-1 | 93 | 110 | 73 | 92 | 19.91 | cps |
| Silver | 109-1 | 67 | 70 | 60 | 66 | 7.77 | cps |
| Sodium | 23-2 | 39791 | 39795 | 40333 | 39973 | 0.78 | cps |
| Strontium | 86-1 | 570 | 537 | 610 | 572 | 6.42 | cps |
| Strontium | 88-1 | 123 | 110 | 127 | 120 | 7.35 | cps |
| Sulfur | 34-1 | 153519 | 152266 | 153533 | 153106 | 0.47 | cps |
| Terbium | 159-1 | 4527623 | 4544973 | 4504790 | 4525795 | 0.45 | cps |
| Terbium | 159-2 | 3324749 | 3413339 | 3382620 | 3373570 | 1.33 | cps |
| Thallium | 203-1 | 140 | 130 | 140 | 137 | 4.22 | cps |
| Thallium | 205-1 | 387 | 350 | 400 | 379 | 6.83 | cps |
| Tin | 118-1 | 1163 | 1377 | 1247 | 1262 | 8.52 | cps |
| Titanium | 47-1 | 37 | 63 | 73 | 58 | 32.80 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB06 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB06 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:10:33 | DataFile Name : | 100CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20 | 23 | 30 | 24 | 20.83 | cps |
| Vanadium | 51-2 | 13 | 23 | 20 | 19 | 26.96 | cps |
| Yttrium | 89-1 | 6386993 | 6231178 | 6305337 | 6307836 | 1.24 | cps |
| Yttrium | 89-2 | 1942905 | 1932325 | 1897162 | 1924130 | 1.24 | cps |
| Zinc | 66-2 | 1350 | 1290 | 1323 | 1321 | 2.28 | cps |
| Zirconium | 90-1 | 263 | 277 | 283 | 274 | 3.71 | cps |
| Zirconium | 91-1 | 53 | 70 | 60 | 61 | 13.73 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:15:26 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16015040 | 16567795 | 15911993 | 16164943 | 2.18 | cps |
| Antimony | 121-1 | 2122736 | 2102316 | 2146409 | 2123821 | 1.04 | cps |
| Arsenic | 75-2 | 327664 | 323810 | 323955 | 325143 | 0.67 | cps |
| Barium | 135-1 | 5224906 | 5328694 | 5222013 | 5258538 | 1.16 | cps |
| Barium | 137-1 | 9015113 | 9203122 | 9156764 | 9125000 | 1.07 | cps |
| Beryllium | 9-1 | 390045 | 393325 | 397517 | 393629 | 0.95 | cps |
| Bismuth | 209-1 | 3218388 | 3177243 | 3162779 | 3186137 | 0.91 | cps |
| Bismuth | 209-2 | 2913160 | 2942775 | 2843065 | 2899667 | 1.77 | cps |
| Bromine | 81-1 | 558689 | 720581 | 797341 | 692204 | 17.60 | cps |
| Bromine | 81-2 | 187435 | 192086 | 191302 | 190274 | 1.31 | cps |
| Cadmium | 108-1 | 49250 | 50785 | 50625 | 50220 | 1.68 | cps |
| Cadmium | 106-1 | 72326 | 71931 | 72165 | 72140 | 0.28 | cps |
| Cadmium | 111-1 | 703678 | 711325 | 717495 | 710833 | 0.97 | cps |
| Calcium | 43-1 | 1350339 | 1399048 | 1367981 | 1372456 | 1.80 | cps |
| Calcium | 44-1 | 21587541 | 21845679 | 21713773 | 21715664 | 0.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 8743234 | 8801221 | 8898545 | 8814333 | 0.89 | cps |
| Cobalt | 59-2 | 2306555 | 2279534 | 2318305 | 2301465 | 0.86 | cps |
| Copper | 63-2 | 23023010 | 23513251 | 23460005 | 23332089 | 1.15 | cps |
| Dysprosium | 156-1 | 126552 | 125486 | 126922 | 126320 | 0.59 | cps |
| Dysprosium | 156-2 | 124496 | 124167 | 123612 | 124092 | 0.36 | cps |
| Erbium | 164-1 | 124696 | 125610 | 127282 | 125863 | 1.04 | cps |
| Erbium | 164-2 | 97997 | 98182 | 96129 | 97436 | 1.17 | cps |
| Gadolinium | 160-1 | 132302 | 134827 | 135577 | 134236 | 1.28 | cps |
| Gadolinium | 160-2 | 109289 | 109760 | 108849 | 109300 | 0.42 | cps |
| Holmium | 165-1 | 4605239 | 4787081 | 4793830 | 4728717 | 2.26 | cps |
| Holmium | 165-2 | 3726759 | 3713015 | 3675423 | 3705066 | 0.72 | cps |
| Indium | 115-1 | 3578457 | 3531234 | 3564973 | 3558221 | 0.68 | cps |
| Indium | 115-2 | 1412004 | 1416358 | 1396568 | 1408310 | 0.74 | cps |
| Iron | 56-2 | 650967057 | 654459910 | 661784070 | 655737012 | 0.84 | cps |
| Iron | 57-2 | 16625576 | 16665809 | 16386431 | 16559272 | 0.91 | cps |
| Iron | 54-2 | 36840953 | 37324303 | 37025690 | 37063649 | 0.66 | cps |
| Krypton | 83-1 | 510 | 530 | 477 | 506 | 5.33 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:15:26 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 26753816 | 26228186 | 27741907 | 26907970 | 2.86 | cps |
| Lead | 207-1 | 22303023 | 22260753 | 22610771 | 22391516 | 0.85 | cps |
| Lead | 208-1 | 103278459 | 104294671 | 104175422 | 103916184 | 0.53 | cps |
| Lithium | 6-1 | 643614 | 638235 | 637193 | 639681 | 0.54 | cps |
| Magnesium | 24-2 | 32924165 | 32579487 | 32509352 | 32671001 | 0.68 | cps |
| Manganese | 55-2 | 14469927 | 14264207 | 14520459 | 14418198 | 0.94 | cps |
| Molybdenum | 94-1 | 3895266 | 3966340 | 3979710 | 3947105 | 1.15 | cps |
| Molybdenum | 95-1 | 3942221 | 4084388 | 4047084 | 4024564 | 1.83 | cps |
| Molybdenum | 96-1 | 4503256 | 4622374 | 4652096 | 4592575 | 1.72 | cps |
| Molybdenum | 97-1 | 2493229 | 2500762 | 2518274 | 2504088 | 0.51 | cps |
| Molybdenum | 98-1 | 6392300 | 6700996 | 6576574 | 6556624 | 2.37 | cps |
| Neodymium | 150-1 | 198287 | 202556 | 203216 | 201353 | 1.33 | cps |
| Neodymium | 150-2 | 133739 | 132967 | 131100 | 132602 | 1.02 | cps |
| Nickel | 60-2 | 1180258 | 1203717 | 1188694 | 1190890 | 1.00 | cps |
| Phosphorus | 31-2 | 128915 | 128356 | 125920 | 127730 | 1.25 | cps |
| Potassium | 39-2 | 12085267 | 11928743 | 11779304 | 11931105 | 1.28 | cps |
| Rhodium | 103-1 | 3521931 | 3528475 | 3487648 | 3512684 | 0.62 | cps |
| Rhodium | 103-2 | 2433684 | 2415403 | 2436994 | 2428694 | 0.48 | cps |
| Scandium | 45-1 | 2583201 | 2576838 | 2598826 | 2586288 | 0.44 | cps |
| Scandium | 45-2 | 277275 | 280820 | 275649 | 277915 | 0.95 | cps |
| Selenium | 82-1 | 52281 | 52997 | 53768 | 53015 | 1.40 | cps |
| Selenium | 77-2 | 6975 | 7122 | 6908 | 7002 | 1.56 | cps |
| Selenium | 78-2 | 22360 | 22741 | 21950 | 22350 | 1.77 | cps |
| Silicon | 28-1 | 3824177 | 4042342 | 5193827 | 4353449 | 16.90 | cps |
| Silver | 107-1 | 655307 | 662241 | 664058 | 660535 | 0.70 | cps |
| Silver | 109-1 | 619105 | 629657 | 637236 | 628666 | 1.45 | cps |
| Sodium | 23-2 | 52267246 | 52666049 | 51043879 | 51992391 | 1.63 | cps |
| Strontium | 86-1 | 1777881 | 1794326 | 1801654 | 1791287 | 0.68 | cps |
| Strontium | 88-1 | 15311985 | 15772224 | 15917914 | 15667374 | 2.02 | cps |
| Sulfur | 34-1 | 3141645 | 3224138 | 3272772 | 3212852 | 2.06 | cps |
| Terbium | 159-1 | 4725889 | 4678158 | 4725100 | 4709716 | 0.58 | cps |
| Terbium | 159-2 | 3608057 | 3570447 | 3621464 | 3599989 | 0.73 | cps |
| Thallium | 203-1 | 2004571 | 2113418 | 2063042 | 2060344 | 2.64 | cps |
| Thallium | 205-1 | 4867763 | 5068533 | 5007553 | 4981283 | 2.07 | cps |
| Tin | 118-1 | 2737813 | 2778569 | 2842023 | 2786135 | 1.88 | cps |
| Titanium | 47-1 | 1476968 | 1548418 | 1507945 | 1511110 | 2.37 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:15:26 | DataFile Name : | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6299874 | 6489695 | 6260462 | 6350010 | 1.93 | cps |
| Vanadium | 51-2 | 2220935 | 2153097 | 2139324 | 2171119 | 2.01 | cps |
| Yttrium | 89-1 | 8238868 | 8372723 | 8266239 | 8292610 | 0.85 | cps |
| Yttrium | 89-2 | 2473470 | 2520843 | 2500939 | 2498417 | 0.95 | cps |
| Zinc | 66-2 | 5832775 | 5851287 | 5903690 | 5862584 | 0.63 | cps |
| Zirconium | 90-1 | 4424491 | 4380296 | 4532809 | 4445865 | 1.77 | cps |
| Zirconium | 91-1 | 952544 | 971755 | 980557 | 968285 | 1.48 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:18:14 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 16679898 | 16454166 | 16002021 | 16378695 | 2.11 | cps |
| Antimony | 121-1 | 2190187 | 2226548 | 2206916 | 2207884 | 0.82 | cps |
| Arsenic | 75-2 | 334690 | 328656 | 325456 | 329601 | 1.42 | cps |
| Barium | 135-1 | 5270379 | 5425057 | 5325249 | 5340228 | 1.47 | cps |
| Barium | 137-1 | 9266688 | 9177198 | 9344239 | 9262708 | 0.90 | cps |
| Beryllium | 9-1 | 394440 | 396142 | 396945 | 395842 | 0.32 | cps |
| Bismuth | 209-1 | 3251417 | 3396768 | 3365717 | 3337967 | 2.29 | cps |
| Bismuth | 209-2 | 2960590 | 2915803 | 2890454 | 2922282 | 1.22 | cps |
| Bromine | 81-1 | 607691 | 755258 | 840349 | 734433 | 16.03 | cps |
| Bromine | 81-2 | 193072 | 197148 | 198651 | 196290 | 1.47 | cps |
| Cadmium | 108-1 | 51311 | 52003 | 50889 | 51401 | 1.09 | cps |
| Cadmium | 106-1 | 73907 | 75301 | 74627 | 74612 | 0.93 | cps |
| Cadmium | 111-1 | 718189 | 728598 | 734382 | 727056 | 1.13 | cps |
| Calcium | 43-1 | 1386242 | 1387699 | 1329045 | 1367662 | 2.45 | cps |
| Calcium | 44-1 | 22135141 | 21957376 | 22395427 | 22162648 | 0.99 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 9131064 | 8978100 | 8937066 | 9015410 | 1.13 | cps |
| Cobalt | 59-2 | 2326286 | 2322880 | 2309978 | 2319715 | 0.37 | cps |
| Copper | 63-2 | 23750602 | 23404595 | 23617744 | 23590980 | 0.74 | cps |
| Dysprosium | 156-1 | 128710 | 128640 | 129252 | 128867 | 0.26 | cps |
| Dysprosium | 156-2 | 126581 | 125491 | 127224 | 126432 | 0.69 | cps |
| Erbium | 164-1 | 128446 | 129646 | 130408 | 129500 | 0.76 | cps |
| Erbium | 164-2 | 100965 | 99431 | 97276 | 99224 | 1.87 | cps |
| Gadolinium | 160-1 | 135169 | 137308 | 138932 | 137136 | 1.38 | cps |
| Gadolinium | 160-2 | 113539 | 110401 | 110234 | 111391 | 1.67 | cps |
| Holmium | 165-1 | 4826141 | 4889945 | 4788454 | 4834847 | 1.06 | cps |
| Holmium | 165-2 | 3729504 | 3743287 | 3655216 | 3709336 | 1.28 | cps |
| Indium | 115-1 | 3602474 | 3607010 | 3672237 | 3627240 | 1.08 | cps |
| Indium | 115-2 | 1433238 | 1420942 | 1403444 | 1419208 | 1.05 | cps |
| Iron | 56-2 | 675183470 | 672211497 | 662345123 | 669913363 | 1.00 | cps |
| Iron | 57-2 | 16968241 | 16811714 | 16429819 | 16736591 | 1.65 | cps |
| Iron | 54-2 | 37569006 | 37020123 | 37439209 | 37342779 | 0.77 | cps |
| Krypton | 83-1 | 563 | 547 | 543 | 551 | 1.94 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:18:14 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 27361916 | 29063158 | 27982590 | 28135888 | 3.06 | cps |
| Lead | 207-1 | 22506796 | 23566039 | 23534495 | 23202443 | 2.60 | cps |
| Lead | 208-1 | 105766300 | 110841388 | 109747888 | 108785192 | 2.46 | cps |
| Lithium | 6-1 | 657747 | 667151 | 661853 | 662251 | 0.71 | cps |
| Magnesium | 24-2 | 33404253 | 32730286 | 33039226 | 33057922 | 1.02 | cps |
| Manganese | 55-2 | 14811040 | 14511668 | 14529405 | 14617371 | 1.15 | cps |
| Molybdenum | 94-1 | 4005697 | 4026804 | 4089554 | 4040685 | 1.08 | cps |
| Molybdenum | 95-1 | 4162322 | 4138295 | 4134886 | 4145168 | 0.36 | cps |
| Molybdenum | 96-1 | 4621898 | 4715611 | 4605814 | 4647774 | 1.28 | cps |
| Molybdenum | 97-1 | 2510905 | 2547569 | 2552181 | 2536885 | 0.89 | cps |
| Molybdenum | 98-1 | 6579500 | 6749920 | 6753618 | 6694346 | 1.49 | cps |
| Neodymium | 150-1 | 203800 | 206700 | 208814 | 206438 | 1.22 | cps |
| Neodymium | 150-2 | 134723 | 134377 | 133849 | 134317 | 0.33 | cps |
| Nickel | 60-2 | 1207436 | 1208411 | 1192893 | 1202913 | 0.72 | cps |
| Phosphorus | 31-2 | 130955 | 128125 | 127090 | 128723 | 1.55 | cps |
| Potassium | 39-2 | 12146490 | 12007511 | 11991504 | 12048502 | 0.71 | cps |
| Rhodium | 103-1 | 3553775 | 3594128 | 3741313 | 3629739 | 2.72 | cps |
| Rhodium | 103-2 | 2523111 | 2500355 | 2475792 | 2499753 | 0.95 | cps |
| Scandium | 45-1 | 2561969 | 2583789 | 2652191 | 2599317 | 1.81 | cps |
| Scandium | 45-2 | 283255 | 281697 | 277267 | 280740 | 1.11 | cps |
| Selenium | 82-1 | 53796 | 53963 | 54219 | 53993 | 0.39 | cps |
| Selenium | 77-2 | 7275 | 7075 | 6838 | 7063 | 3.10 | cps |
| Selenium | 78-2 | 22648 | 22864 | 22561 | 22691 | 0.69 | cps |
| Silicon | 28-1 | 4431810 | 4254815 | 4512402 | 4399675 | 2.99 | cps |
| Silver | 107-1 | 693005 | 687068 | 695143 | 691739 | 0.60 | cps |
| Silver | 109-1 | 645708 | 655585 | 663961 | 655085 | 1.39 | cps |
| Sodium | 23-2 | 52691868 | 52780936 | 52791709 | 52754838 | 0.10 | cps |
| Strontium | 86-1 | 1788214 | 1848471 | 1868726 | 1835137 | 2.28 | cps |
| Strontium | 88-1 | 15686202 | 16001253 | 16192958 | 15960138 | 1.60 | cps |
| Sulfur | 34-1 | 3201762 | 3304590 | 3239812 | 3248722 | 1.60 | cps |
| Terbium | 159-1 | 4693105 | 4756683 | 4703451 | 4717746 | 0.72 | cps |
| Terbium | 159-2 | 3699444 | 3613634 | 3504765 | 3605948 | 2.71 | cps |
| Thallium | 203-1 | 2029996 | 2142290 | 2136071 | 2102786 | 3.00 | cps |
| Thallium | 205-1 | 5150215 | 5089718 | 5065808 | 5101914 | 0.85 | cps |
| Tin | 118-1 | 2815729 | 2848085 | 2776159 | 2813324 | 1.28 | cps |
| Titanium | 47-1 | 1492150 | 1574962 | 1516301 | 1527804 | 2.79 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:18:14 | DataFile Name : | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6450304 | 6490538 | 6610849 | 6517230 | 1.28 | cps |
| Vanadium | 51-2 | 2201155 | 2177360 | 2104628 | 2161048 | 2.33 | cps |
| Yttrium | 89-1 | 8385048 | 8300180 | 8523174 | 8402801 | 1.34 | cps |
| Yttrium | 89-2 | 2589605 | 2505128 | 2520648 | 2538460 | 1.77 | cps |
| Zinc | 66-2 | 5946132 | 5943483 | 5923268 | 5937628 | 0.21 | cps |
| Zirconium | 90-1 | 4462595 | 4529193 | 4536072 | 4509287 | 0.90 | cps |
| Zirconium | 91-1 | 984965 | 987588 | 988980 | 987178 | 0.21 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:21:00 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 14911560 | 14622491 | 14983504 | 14839185 | 1.29 | cps |
| Antimony | 121-1 | 2240623 | 2287274 | 2244746 | 2257548 | 1.14 | cps |
| Arsenic | 75-2 | 291756 | 293172 | 294555 | 293161 | 0.48 | cps |
| Barium | 135-1 | 4049428 | 4016595 | 4052947 | 4039657 | 0.50 | cps |
| Barium | 137-1 | 6751657 | 6896385 | 7077061 | 6908368 | 2.36 | cps |
| Beryllium | 9-1 | 397898 | 402186 | 392790 | 397625 | 1.18 | cps |
| Bismuth | 209-1 | 3107211 | 3193789 | 3070207 | 3123735 | 2.03 | cps |
| Bismuth | 209-2 | 2715801 | 2756216 | 2728441 | 2733486 | 0.76 | cps |
| Bromine | 81-1 | 526225 | 640459 | 695998 | 620894 | 13.94 | cps |
| Bromine | 81-2 | 155823 | 159348 | 160535 | 158568 | 1.55 | cps |
| Cadmium | 108-1 | 48243 | 49056 | 48210 | 48503 | 0.99 | cps |
| Cadmium | 106-1 | 70276 | 70748 | 70373 | 70465 | 0.35 | cps |
| Cadmium | 111-1 | 689048 | 698261 | 687290 | 691533 | 0.85 | cps |
| Calcium | 43-1 | 1094854 | 1109853 | 1105971 | 1103559 | 0.71 | cps |
| Calcium | 44-1 | 16982136 | 17521591 | 17348946 | 17284224 | 1.59 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 6928761 | 6921178 | 7040631 | 6963524 | 0.96 | cps |
| Cobalt | 59-2 | 2193519 | 2189175 | 2146850 | 2176514 | 1.18 | cps |
| Copper | 63-2 | 20973581 | 20727625 | 20966735 | 20889314 | 0.67 | cps |
| Dysprosium | 156-1 | 113931 | 114734 | 113609 | 114092 | 0.51 | cps |
| Dysprosium | 156-2 | 110495 | 108710 | 109319 | 109508 | 0.83 | cps |
| Erbium | 164-1 | 111820 | 112650 | 113286 | 112585 | 0.65 | cps |
| Erbium | 164-2 | 85989 | 84286 | 86163 | 85480 | 1.21 | cps |
| Gadolinium | 160-1 | 122724 | 122461 | 122582 | 122589 | 0.11 | cps |
| Gadolinium | 160-2 | 98921 | 97241 | 96638 | 97600 | 1.21 | cps |
| Holmium | 165-1 | 4787081 | 4885008 | 4835273 | 4835787 | 1.01 | cps |
| Holmium | 165-2 | 3601897 | 3726874 | 3733946 | 3687572 | 2.01 | cps |
| Indium | 115-1 | 3606459 | 3629299 | 3607484 | 3614414 | 0.36 | cps |
| Indium | 115-2 | 1410751 | 1423218 | 1412627 | 1415532 | 0.47 | cps |
| Iron | 56-2 | 611222831 | 610411751 | 614449458 | 612028013 | 0.35 | cps |
| Iron | 57-2 | 14950020 | 14620942 | 14687211 | 14752725 | 1.18 | cps |
| Iron | 54-2 | 33801794 | 33558296 | 33873266 | 33744452 | 0.49 | cps |
| Krypton | 83-1 | 503 | 480 | 460 | 481 | 4.51 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:21:00 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 19886369 | 19972391 | 20144265 | 20001008 | 0.66 | cps |
| Lead | 207-1 | 16147621 | 17100057 | 16677526 | 16641735 | 2.87 | cps |
| Lead | 208-1 | 75267357 | 78422160 | 78083832 | 77257783 | 2.24 | cps |
| Lithium | 6-1 | 653520 | 664856 | 655727 | 658034 | 0.91 | cps |
| Magnesium | 24-2 | 27188817 | 27015415 | 26857256 | 27020496 | 0.61 | cps |
| Manganese | 55-2 | 14731241 | 14563934 | 14440010 | 14578395 | 1.00 | cps |
| Molybdenum | 94-1 | 4027131 | 3990157 | 4022756 | 4013348 | 0.50 | cps |
| Molybdenum | 95-1 | 4110825 | 4325485 | 4201855 | 4212722 | 2.56 | cps |
| Molybdenum | 96-1 | 4740426 | 4786707 | 4627002 | 4718045 | 1.74 | cps |
| Molybdenum | 97-1 | 2582149 | 2549703 | 2539002 | 2556951 | 0.88 | cps |
| Molybdenum | 98-1 | 6607700 | 6610001 | 6760915 | 6659539 | 1.32 | cps |
| Neodymium | 150-1 | 176495 | 180053 | 178734 | 178427 | 1.01 | cps |
| Neodymium | 150-2 | 116037 | 115711 | 114040 | 115263 | 0.93 | cps |
| Nickel | 60-2 | 829866 | 835682 | 831930 | 832493 | 0.35 | cps |
| Phosphorus | 31-2 | 111053 | 111040 | 112728 | 111607 | 0.87 | cps |
| Potassium | 39-2 | 11084101 | 11223997 | 11459209 | 11255769 | 1.68 | cps |
| Rhodium | 103-1 | 3626253 | 3662606 | 3616656 | 3635172 | 0.67 | cps |
| Rhodium | 103-2 | 2519830 | 2452580 | 2486010 | 2486140 | 1.35 | cps |
| Scandium | 45-1 | 2491787 | 2545615 | 2550702 | 2529368 | 1.29 | cps |
| Scandium | 45-2 | 276087 | 274375 | 276115 | 275526 | 0.36 | cps |
| Selenium | 82-1 | 53384 | 53989 | 53622 | 53665 | 0.57 | cps |
| Selenium | 77-2 | 6675 | 7128 | 6888 | 6897 | 3.29 | cps |
| Selenium | 78-2 | 22935 | 21826 | 22858 | 22539 | 2.75 | cps |
| Silicon | 28-1 | 7410206 | 7202986 | 7781328 | 7464840 | 3.93 | cps |
| Silver | 107-1 | 739833 | 753324 | 746309 | 746489 | 0.90 | cps |
| Silver | 109-1 | 704725 | 704516 | 702018 | 703753 | 0.21 | cps |
| Sodium | 23-2 | 45203903 | 44484359 | 44780664 | 44822975 | 0.81 | cps |
| Strontium | 86-1 | 1541946 | 1592932 | 1579630 | 1571502 | 1.68 | cps |
| Strontium | 88-1 | 13682394 | 13719937 | 13723711 | 13708681 | 0.17 | cps |
| Sulfur | 34-1 | 2657135 | 2682292 | 2777826 | 2705751 | 2.35 | cps |
| Terbium | 159-1 | 4830327 | 4843414 | 4771273 | 4815005 | 0.80 | cps |
| Terbium | 159-2 | 3582013 | 3518490 | 3558335 | 3552946 | 0.90 | cps |
| Thallium | 203-1 | 2189162 | 2213043 | 2182517 | 2194908 | 0.73 | cps |
| Thallium | 205-1 | 5221378 | 5283279 | 5202980 | 5235879 | 0.80 | cps |
| Tin | 118-1 | 2486615 | 2510640 | 2492946 | 2496734 | 0.50 | cps |
| Titanium | 47-1 | 1281596 | 1278162 | 1309041 | 1289600 | 1.31 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02A | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:21:00 | DataFile Name : | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6521582 | 6685026 | 6437598 | 6548069 | 1.92 | cps |
| Vanadium | 51-2 | 1873460 | 1861068 | 1858160 | 1864229 | 0.44 | cps |
| Yttrium | 89-1 | 8264609 | 8103268 | 8205628 | 8191168 | 1.00 | cps |
| Yttrium | 89-2 | 2475214 | 2469818 | 2442659 | 2462564 | 0.71 | cps |
| Zinc | 66-2 | 4597476 | 4603378 | 4517702 | 4572852 | 1.05 | cps |
| Zirconium | 90-1 | 4388749 | 4426259 | 4465263 | 4426757 | 0.86 | cps |
| Zirconium | 91-1 | 958181 | 962177 | 973824 | 964727 | 0.84 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:23:49 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 18730292 | 18800207 | 19138982 | 18889827 | 1.16 | cps |
| Antimony | 121-1 | 7592 | 7352 | 8102 | 7682 | 4.99 | cps |
| Arsenic | 75-2 | 175885 | 174603 | 174450 | 174979 | 0.45 | cps |
| Barium | 135-1 | 3542483 | 3683010 | 3646013 | 3623835 | 2.01 | cps |
| Barium | 137-1 | 6382401 | 6324952 | 6444125 | 6383826 | 0.93 | cps |
| Beryllium | 9-1 | 7218 | 7495 | 7362 | 7358 | 1.88 | cps |
| Bismuth | 209-1 | 3288941 | 3289836 | 3287235 | 3288671 | 0.04 | cps |
| Bismuth | 209-2 | 3044504 | 2975075 | 2904023 | 2974534 | 2.36 | cps |
| Bromine | 81-1 | 814921 | 1030706 | 1149777 | 998468 | 17.00 | cps |
| Bromine | 81-2 | 255201 | 260242 | 260224 | 258556 | 1.12 | cps |
| Cadmium | 108-1 | 4894 | 4974 | 4998 | 4955 | 1.09 | cps |
| Cadmium | 106-1 | 9276 | 9240 | 9500 | 9339 | 1.51 | cps |
| Cadmium | 111-1 | 66616 | 67512 | 68328 | 67486 | 1.27 | cps |
| Calcium | 43-1 | 714739 | 735128 | 728253 | 726040 | 1.43 | cps |
| Calcium | 44-1 | 11160120 | 11365631 | 11425701 | 11317151 | 1.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 4376922 | 4429747 | 4468722 | 4425131 | 1.04 | cps |
| Cobalt | 59-2 | 429014 | 433433 | 436954 | 433134 | 0.92 | cps |
| Copper | 63-2 | 9506273 | 9232716 | 9277757 | 9338915 | 1.57 | cps |
| Dysprosium | 156-1 | 155400 | 156741 | 159267 | 157136 | 1.25 | cps |
| Dysprosium | 156-2 | 151693 | 153195 | 155094 | 153328 | 1.11 | cps |
| Erbium | 164-1 | 156491 | 157917 | 161135 | 158514 | 1.50 | cps |
| Erbium | 164-2 | 122368 | 120596 | 121296 | 121420 | 0.74 | cps |
| Gadolinium | 160-1 | 166982 | 167638 | 169123 | 167914 | 0.65 | cps |
| Gadolinium | 160-2 | 137596 | 137491 | 137890 | 137659 | 0.15 | cps |
| Holmium | 165-1 | 4874314 | 4782430 | 4912611 | 4856452 | 1.38 | cps |
| Holmium | 165-2 | 3718391 | 3677329 | 3844016 | 3746578 | 2.32 | cps |
| Indium | 115-1 | 3641777 | 3621350 | 3628089 | 3630405 | 0.29 | cps |
| Indium | 115-2 | 1438863 | 1422868 | 1439394 | 1433708 | 0.66 | cps |
| Iron | 56-2 | 797892335 | 801221935 | 784599508 | 794571259 | 1.11 | cps |
| Iron | 57-2 | 18968204 | 19198685 | 19829430 | 19332106 | 2.31 | cps |
| Iron | 54-2 | 43373773 | 43459068 | 42589004 | 43140615 | 1.11 | cps |
| Krypton | 83-1 | 617 | 600 | 703 | 640 | 8.67 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:23:49 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 18034497 | 18306388 | 18764212 | 18368366 | 2.01 | cps |
| Lead | 207-1 | 15133628 | 14734499 | 15322184 | 15063437 | 1.99 | cps |
| Lead | 208-1 | 69673554 | 69534741 | 72073021 | 70427105 | 2.03 | cps |
| Lithium | 6-1 | 675882 | 667396 | 667917 | 670398 | 0.71 | cps |
| Magnesium | 24-2 | 19548857 | 19481176 | 19228308 | 19419447 | 0.87 | cps |
| Manganese | 55-2 | 7234445 | 7129418 | 7231086 | 7198316 | 0.83 | cps |
| Molybdenum | 94-1 | 308483 | 312214 | 313908 | 311535 | 0.89 | cps |
| Molybdenum | 95-1 | 38761 | 39898 | 40289 | 39649 | 2.00 | cps |
| Molybdenum | 96-1 | 91813 | 93396 | 94654 | 93288 | 1.53 | cps |
| Molybdenum | 97-1 | 24928 | 24397 | 25472 | 24933 | 2.16 | cps |
| Molybdenum | 98-1 | 63086 | 64669 | 64113 | 63956 | 1.26 | cps |
| Neodymium | 150-1 | 243483 | 244260 | 248819 | 245521 | 1.17 | cps |
| Neodymium | 150-2 | 158056 | 158860 | 155873 | 157596 | 0.98 | cps |
| Nickel | 60-2 | 522167 | 527773 | 528636 | 526192 | 0.67 | cps |
| Phosphorus | 31-2 | 121991 | 119489 | 122079 | 121187 | 1.21 | cps |
| Potassium | 39-2 | 7312742 | 7206116 | 7202836 | 7240564 | 0.86 | cps |
| Rhodium | 103-1 | 3639008 | 3577531 | 3637780 | 3618106 | 0.97 | cps |
| Rhodium | 103-2 | 2530550 | 2512693 | 2478758 | 2507334 | 1.05 | cps |
| Scandium | 45-1 | 2590782 | 2625088 | 2627611 | 2614494 | 0.79 | cps |
| Scandium | 45-2 | 289480 | 284044 | 289430 | 287651 | 1.09 | cps |
| Selenium | 82-1 | 3604 | 3707 | 3587 | 3633 | 1.78 | cps |
| Selenium | 77-2 | 1043 | 1020 | 1010 | 1024 | 1.67 | cps |
| Selenium | 78-2 | 2100 | 2097 | 2207 | 2135 | 2.93 | cps |
| Silicon | 28-1 | 4968490 | 4349045 | 4874179 | 4730571 | 7.06 | cps |
| Silver | 107-1 | 301308 | 297375 | 309679 | 302787 | 2.08 | cps |
| Silver | 109-1 | 280741 | 286923 | 290803 | 286156 | 1.77 | cps |
| Sodium | 23-2 | 22989707 | 22476606 | 22999195 | 22821836 | 1.31 | cps |
| Strontium | 86-1 | 847713 | 869128 | 874159 | 863667 | 1.63 | cps |
| Strontium | 88-1 | 7638916 | 7682631 | 7775699 | 7699082 | 0.91 | cps |
| Sulfur | 34-1 | 3586923 | 3609514 | 3688838 | 3628425 | 1.48 | cps |
| Terbium | 159-1 | 4828881 | 4749398 | 4885381 | 4821220 | 1.42 | cps |
| Terbium | 159-2 | 3553416 | 3575798 | 3652615 | 3593943 | 1.45 | cps |
| Thallium | 203-1 | 20095 | 20896 | 21427 | 20806 | 3.22 | cps |
| Thallium | 205-1 | 48858 | 48370 | 49179 | 48802 | 0.84 | cps |
| Tin | 118-1 | 1740768 | 1720853 | 1803247 | 1754956 | 2.45 | cps |
| Titanium | 47-1 | 1433794 | 1398312 | 1419952 | 1417353 | 1.26 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:23:49 | DataFile Name : | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 188897 | 192308 | 193533 | 191579 | 1.25 | cps |
| Vanadium | 51-2 | 893192 | 888030 | 891484 | 890902 | 0.30 | cps |
| Yttrium | 89-1 | 8645896 | 9092717 | 8580770 | 8773128 | 3.18 | cps |
| Yttrium | 89-2 | 2700345 | 2665556 | 2673724 | 2679875 | 0.68 | cps |
| Zinc | 66-2 | 3193166 | 3163024 | 3247461 | 3201217 | 1.34 | cps |
| Zirconium | 90-1 | 775600 | 801559 | 787519 | 788226 | 1.65 | cps |
| Zirconium | 91-1 | 172585 | 175731 | 177833 | 175383 | 1.51 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-06 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP03-2025-2( | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:26:48 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11661693 | 11196148 | 11171240 | 11343027 | 2.44 | cps |
| Antimony | 121-1 | 6025 | 6125 | 6315 | 6155 | 2.39 | cps |
| Arsenic | 75-2 | 105943 | 105660 | 105498 | 105700 | 0.21 | cps |
| Barium | 135-1 | 2111109 | 2113090 | 2106254 | 2110151 | 0.17 | cps |
| Barium | 137-1 | 3683710 | 3836177 | 3748898 | 3756262 | 2.04 | cps |
| Beryllium | 9-1 | 4811 | 4654 | 4777 | 4747 | 1.74 | cps |
| Bismuth | 209-1 | 3202530 | 3121946 | 3126732 | 3150403 | 1.43 | cps |
| Bismuth | 209-2 | 2805790 | 2753615 | 2777380 | 2778929 | 0.94 | cps |
| Bromine | 81-1 | 441424 | 551824 | 593872 | 529040 | 14.88 | cps |
| Bromine | 81-2 | 131876 | 132081 | 132842 | 132266 | 0.38 | cps |
| Cadmium | 108-1 | 2484 | 2217 | 2394 | 2365 | 5.74 | cps |
| Cadmium | 106-1 | 5578 | 5588 | 5371 | 5512 | 2.22 | cps |
| Cadmium | 111-1 | 33490 | 33994 | 33225 | 33570 | 1.16 | cps |
| Calcium | 43-1 | 439765 | 440562 | 447115 | 442481 | 0.91 | cps |
| Calcium | 44-1 | 6946138 | 6893375 | 6957471 | 6932328 | 0.49 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 2393925 | 2428405 | 2371917 | 2398082 | 1.19 | cps |
| Cobalt | 59-2 | 303230 | 302738 | 303206 | 303058 | 0.09 | cps |
| Copper | 63-2 | 5194286 | 5195018 | 5201517 | 5196940 | 0.08 | cps |
| Dysprosium | 156-1 | 100359 | 102753 | 101313 | 101475 | 1.19 | cps |
| Dysprosium | 156-2 | 98073 | 98566 | 99204 | 98614 | 0.58 | cps |
| Erbium | 164-1 | 97824 | 99774 | 101201 | 99599 | 1.70 | cps |
| Erbium | 164-2 | 76582 | 74819 | 76830 | 76077 | 1.44 | cps |
| Gadolinium | 160-1 | 106062 | 108299 | 108245 | 107535 | 1.19 | cps |
| Gadolinium | 160-2 | 85647 | 85915 | 86535 | 86032 | 0.53 | cps |
| Holmium | 165-1 | 4587663 | 4803628 | 4716224 | 4702505 | 2.31 | cps |
| Holmium | 165-2 | 3673688 | 3610036 | 3634151 | 3639292 | 0.88 | cps |
| Indium | 115-1 | 3676742 | 3678916 | 3671215 | 3675624 | 0.11 | cps |
| Indium | 115-2 | 1442833 | 1436359 | 1436634 | 1438609 | 0.25 | cps |
| Iron | 56-2 | 536612379 | 532935632 | 532195045 | 533914352 | 0.44 | cps |
| Iron | 57-2 | 12939032 | 12804047 | 12789433 | 12844171 | 0.64 | cps |
| Iron | 54-2 | 29239294 | 29231549 | 29513493 | 29328112 | 0.55 | cps |
| Krypton | 83-1 | 520 | 547 | 480 | 516 | 6.51 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-06 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP03-2025-2( | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:26:48 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 11347719 | 11425782 | 11602649 | 11458716 | 1.14 | cps |
| Lead | 207-1 | 9280453 | 9256505 | 9457843 | 9331600 | 1.18 | cps |
| Lead | 208-1 | 43576096 | 43382843 | 44300445 | 43753128 | 1.11 | cps |
| Lithium | 6-1 | 642543 | 652510 | 650839 | 648630 | 0.82 | cps |
| Magnesium | 24-2 | 11610107 | 11417788 | 11618292 | 11548729 | 0.98 | cps |
| Manganese | 55-2 | 6205859 | 6190088 | 6285829 | 6227259 | 0.82 | cps |
| Molybdenum | 94-1 | 185096 | 186642 | 187858 | 186532 | 0.74 | cps |
| Molybdenum | 95-1 | 23259 | 23492 | 23993 | 23581 | 1.59 | cps |
| Molybdenum | 96-1 | 55358 | 56074 | 56646 | 56026 | 1.15 | cps |
| Molybdenum | 97-1 | 14377 | 14397 | 14464 | 14413 | 0.32 | cps |
| Molybdenum | 98-1 | 37428 | 37959 | 38494 | 37961 | 1.40 | cps |
| Neodymium | 150-1 | 158363 | 159947 | 160355 | 159555 | 0.66 | cps |
| Neodymium | 150-2 | 104531 | 102436 | 101862 | 102943 | 1.36 | cps |
| Nickel | 60-2 | 368098 | 366275 | 370917 | 368430 | 0.63 | cps |
| Phosphorus | 31-2 | 73114 | 73050 | 73804 | 73322 | 0.57 | cps |
| Potassium | 39-2 | 3984719 | 4050652 | 4014953 | 4016775 | 0.82 | cps |
| Rhodium | 103-1 | 3572741 | 3617147 | 3564039 | 3584642 | 0.79 | cps |
| Rhodium | 103-2 | 2577764 | 2500513 | 2452668 | 2510315 | 2.51 | cps |
| Scandium | 45-1 | 2499747 | 2518204 | 2528378 | 2515443 | 0.58 | cps |
| Scandium | 45-2 | 270727 | 266015 | 269199 | 268647 | 0.89 | cps |
| Selenium | 82-1 | 2125 | 2173 | 2202 | 2167 | 1.80 | cps |
| Selenium | 77-2 | 650 | 647 | 633 | 643 | 1.37 | cps |
| Selenium | 78-2 | 1313 | 1307 | 1330 | 1317 | 0.91 | cps |
| Silicon | 28-1 | 4010145 | 4307369 | 4060861 | 4126125 | 3.85 | cps |
| Silver | 107-1 | 160714 | 165372 | 165917 | 164001 | 1.74 | cps |
| Silver | 109-1 | 152934 | 155586 | 155475 | 154665 | 0.97 | cps |
| Sodium | 23-2 | 4802962 | 4735246 | 4702218 | 4746808 | 1.08 | cps |
| Strontium | 86-1 | 481439 | 495450 | 492678 | 489856 | 1.51 | cps |
| Strontium | 88-1 | 4439185 | 4370290 | 4405417 | 4404964 | 0.78 | cps |
| Sulfur | 34-1 | 1936750 | 1962457 | 1952384 | 1950530 | 0.66 | cps |
| Terbium | 159-1 | 4624700 | 4717571 | 4706211 | 4682827 | 1.08 | cps |
| Terbium | 159-2 | 3566691 | 3566804 | 3542506 | 3558667 | 0.39 | cps |
| Thallium | 203-1 | 11191 | 11395 | 11478 | 11355 | 1.30 | cps |
| Thallium | 205-1 | 27157 | 26423 | 27922 | 27167 | 2.76 | cps |
| Tin | 118-1 | 799291 | 815290 | 807895 | 807492 | 0.99 | cps |
| Titanium | 47-1 | 976539 | 982625 | 980936 | 980033 | 0.32 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-06 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP03-2025-2( | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:26:48 | DataFile Name : | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 129113 | 130284 | 130931 | 130109 | 0.71 | cps |
| Vanadium | 51-2 | 560338 | 553396 | 558286 | 557340 | 0.64 | cps |
| Yttrium | 89-1 | 7809701 | 8023176 | 7969363 | 7934080 | 1.40 | cps |
| Yttrium | 89-2 | 2459776 | 2437589 | 2418728 | 2438698 | 0.84 | cps |
| Zinc | 66-2 | 1689020 | 1687823 | 1678057 | 1684967 | 0.36 | cps |
| Zirconium | 90-1 | 466539 | 475365 | 473514 | 471806 | 0.99 | cps |
| Zirconium | 91-1 | 103368 | 106829 | 105369 | 105188 | 1.65 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:29:53 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 11317933 | 11158494 | 11256993 | 11244473 | 0.72 | cps |
| Antimony | 121-1 | 8589 | 8789 | 8669 | 8683 | 1.16 | cps |
| Arsenic | 75-2 | 163993 | 164888 | 165430 | 164770 | 0.44 | cps |
| Barium | 135-1 | 1992164 | 1929610 | 1997159 | 1972978 | 1.91 | cps |
| Barium | 137-1 | 3377560 | 3520299 | 3458096 | 3451985 | 2.07 | cps |
| Beryllium | 9-1 | 4107 | 4231 | 4164 | 4167 | 1.48 | cps |
| Bismuth | 209-1 | 2941672 | 3060529 | 3053204 | 3018468 | 2.21 | cps |
| Bismuth | 209-2 | 2731117 | 2682521 | 2741253 | 2718297 | 1.15 | cps |
| Bromine | 81-1 | 231686 | 274854 | 291923 | 266155 | 11.66 | cps |
| Bromine | 81-2 | 65508 | 65190 | 66077 | 65591 | 0.69 | cps |
| Cadmium | 108-1 | 1520 | 1463 | 1517 | 1500 | 2.12 | cps |
| Cadmium | 106-1 | 4097 | 4364 | 4161 | 4207 | 3.31 | cps |
| Cadmium | 111-1 | 19421 | 19685 | 19281 | 19462 | 1.05 | cps |
| Calcium | 43-1 | 334112 | 337187 | 336234 | 335845 | 0.47 | cps |
| Calcium | 44-1 | 5238038 | 5291759 | 5152532 | 5227443 | 1.34 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1774653 | 1819499 | 1840150 | 1811434 | 1.85 | cps |
| Cobalt | 59-2 | 301151 | 300357 | 302207 | 301239 | 0.31 | cps |
| Copper | 63-2 | 5195436 | 5213923 | 5126873 | 5178744 | 0.89 | cps |
| Dysprosium | 156-1 | 96969 | 96724 | 98358 | 97350 | 0.91 | cps |
| Dysprosium | 156-2 | 93975 | 95102 | 94365 | 94481 | 0.61 | cps |
| Erbium | 164-1 | 94581 | 95504 | 97089 | 95725 | 1.32 | cps |
| Erbium | 164-2 | 74357 | 71991 | 74478 | 73608 | 1.90 | cps |
| Gadolinium | 160-1 | 102321 | 104403 | 104665 | 103796 | 1.24 | cps |
| Gadolinium | 160-2 | 85298 | 83869 | 82646 | 83938 | 1.58 | cps |
| Holmium | 165-1 | 4791790 | 4826790 | 4806831 | 4808470 | 0.37 | cps |
| Holmium | 165-2 | 3675137 | 3849048 | 3655673 | 3726619 | 2.86 | cps |
| Indium | 115-1 | 3648159 | 3593021 | 3693689 | 3644956 | 1.38 | cps |
| Indium | 115-2 | 1446842 | 1453736 | 1456917 | 1452498 | 0.35 | cps |
| Iron | 56-2 | 638815310 | 629573137 | 634015444 | 634134631 | 0.73 | cps |
| Iron | 57-2 | 15449762 | 15506959 | 15541780 | 15499500 | 0.30 | cps |
| Iron | 54-2 | 34740634 | 34223467 | 34701964 | 34555355 | 0.83 | cps |
| Krypton | 83-1 | 573 | 500 | 520 | 531 | 7.14 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:29:53 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 15938954 | 15605859 | 15933251 | 15826021 | 1.20 | cps |
| Lead | 207-1 | 13229891 | 13140943 | 13181912 | 13184249 | 0.34 | cps |
| Lead | 208-1 | 59933975 | 61556905 | 61727135 | 61072672 | 1.62 | cps |
| Lithium | 6-1 | 640370 | 635858 | 644583 | 640270 | 0.68 | cps |
| Magnesium | 24-2 | 10682762 | 10676099 | 10519553 | 10626138 | 0.87 | cps |
| Manganese | 55-2 | 6305732 | 6172289 | 6342026 | 6273349 | 1.42 | cps |
| Molybdenum | 94-1 | 194875 | 198183 | 197467 | 196842 | 0.88 | cps |
| Molybdenum | 95-1 | 40927 | 41158 | 41342 | 41142 | 0.50 | cps |
| Molybdenum | 96-1 | 73614 | 75166 | 75260 | 74680 | 1.24 | cps |
| Molybdenum | 97-1 | 24881 | 26447 | 25108 | 25479 | 3.32 | cps |
| Molybdenum | 98-1 | 65767 | 65707 | 64803 | 65426 | 0.83 | cps |
| Neodymium | 150-1 | 151262 | 154333 | 154493 | 153363 | 1.19 | cps |
| Neodymium | 150-2 | 100576 | 100119 | 100069 | 100255 | 0.28 | cps |
| Nickel | 60-2 | 334249 | 335985 | 332971 | 334402 | 0.45 | cps |
| Phosphorus | 31-2 | 36433 | 36119 | 35648 | 36067 | 1.10 | cps |
| Potassium | 39-2 | 3796801 | 3788675 | 3743177 | 3776218 | 0.77 | cps |
| Rhodium | 103-1 | 3617270 | 3574969 | 3615077 | 3602439 | 0.66 | cps |
| Rhodium | 103-2 | 2483565 | 2487513 | 2461002 | 2477360 | 0.58 | cps |
| Scandium | 45-1 | 2470808 | 2476960 | 2516452 | 2488074 | 1.00 | cps |
| Scandium | 45-2 | 271381 | 272263 | 269515 | 271053 | 0.52 | cps |
| Selenium | 82-1 | 2707 | 2920 | 2698 | 2775 | 4.53 | cps |
| Selenium | 77-2 | 787 | 700 | 623 | 703 | 11.62 | cps |
| Selenium | 78-2 | 1567 | 1657 | 1537 | 1587 | 3.94 | cps |
| Silicon | 28-1 | 12728433 | 13189481 | 16107949 | 14008621 | 13.08 | cps |
| Silver | 107-1 | 120539 | 123383 | 126574 | 123499 | 2.44 | cps |
| Silver | 109-1 | 115335 | 117623 | 119774 | 117577 | 1.89 | cps |
| Sodium | 23-2 | 2071072 | 2002037 | 2029510 | 2034206 | 1.71 | cps |
| Strontium | 86-1 | 338878 | 340527 | 341964 | 340456 | 0.45 | cps |
| Strontium | 88-1 | 3125048 | 3123488 | 3130450 | 3126329 | 0.12 | cps |
| Sulfur | 34-1 | 2295318 | 2302584 | 2310951 | 2302951 | 0.34 | cps |
| Terbium | 159-1 | 4734433 | 4742882 | 4850925 | 4776080 | 1.36 | cps |
| Terbium | 159-2 | 3531991 | 3614009 | 3584942 | 3576981 | 1.16 | cps |
| Thallium | 203-1 | 12166 | 11568 | 11732 | 11822 | 2.61 | cps |
| Thallium | 205-1 | 28263 | 28243 | 27762 | 28089 | 1.01 | cps |
| Tin | 118-1 | 551488 | 561093 | 564786 | 559122 | 1.23 | cps |
| Titanium | 47-1 | 1011162 | 1019460 | 1028706 | 1019776 | 0.86 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:29:53 | DataFile Name : | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 133515 | 132914 | 133449 | 133293 | 0.25 | cps |
| Vanadium | 51-2 | 543471 | 544075 | 543343 | 543630 | 0.07 | cps |
| Yttrium | 89-1 | 8097758 | 7920180 | 8018742 | 8012226 | 1.11 | cps |
| Yttrium | 89-2 | 2418108 | 2433106 | 2491989 | 2447734 | 1.60 | cps |
| Zinc | 66-2 | 1971378 | 1968533 | 1950978 | 1963630 | 0.56 | cps |
| Zirconium | 90-1 | 472879 | 474398 | 471900 | 473059 | 0.27 | cps |
| Zirconium | 91-1 | 105157 | 107377 | 106013 | 106182 | 1.05 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:41:09 | DataFile Name : | 107CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7224458 | 7306057 | 7322657 | 7284391 | 0.72 | cps |
| Antimony | 121-1 | 2250854 | 2339993 | 2281099 | 2290648 | 1.98 | cps |
| Arsenic | 75-2 | 183152 | 184446 | 182855 | 183484 | 0.46 | cps |
| Barium | 135-1 | 2670612 | 2706411 | 2672878 | 2683300 | 0.75 | cps |
| Barium | 137-1 | 4634201 | 4696440 | 4596872 | 4642504 | 1.08 | cps |
| Beryllium | 9-1 | 397392 | 402569 | 412282 | 404081 | 1.87 | cps |
| Bismuth | 209-1 | 2769140 | 2801170 | 2805408 | 2791906 | 0.71 | cps |
| Bismuth | 209-2 | 2490848 | 2483577 | 2480145 | 2484857 | 0.22 | cps |
| Bromine | 81-1 | 16756 | 15832 | 15512 | 16033 | 4.03 | cps |
| Bromine | 81-2 | 1807 | 1697 | 1823 | 1776 | 3.88 | cps |
| Cadmium | 108-1 | 44622 | 45655 | 45792 | 45356 | 1.41 | cps |
| Cadmium | 106-1 | 63686 | 63240 | 64218 | 63715 | 0.77 | cps |
| Cadmium | 111-1 | 630413 | 637374 | 639477 | 635755 | 0.75 | cps |
| Calcium | 43-1 | 3192062 | 3208150 | 3221658 | 3207290 | 0.46 | cps |
| Calcium | 44-1 | 52319348 | 51533063 | 52180244 | 52010885 | 0.81 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1257256 | 1263419 | 1253657 | 1258111 | 0.39 | cps |
| Cobalt | 59-2 | 1926132 | 1901736 | 1913520 | 1913796 | 0.64 | cps |
| Copper | 63-2 | 14676131 | 14980824 | 14734484 | 14797146 | 1.09 | cps |
| Dysprosium | 156-1 | 183 | 140 | 123 | 149 | 20.80 | cps |
| Dysprosium | 156-2 | 277 | 343 | 227 | 282 | 20.74 | cps |
| Erbium | 164-1 | 327 | 303 | 270 | 300 | 9.49 | cps |
| Erbium | 164-2 | 220 | 227 | 243 | 230 | 5.23 | cps |
| Gadolinium | 160-1 | 163 | 160 | 173 | 166 | 4.19 | cps |
| Gadolinium | 160-2 | 380 | 337 | 317 | 344 | 9.40 | cps |
| Holmium | 165-1 | 4730121 | 4651372 | 4668471 | 4683322 | 0.88 | cps |
| Holmium | 165-2 | 3578964 | 3621894 | 3574751 | 3591869 | 0.73 | cps |
| Indium | 115-1 | 3538222 | 3640082 | 3603346 | 3593883 | 1.44 | cps |
| Indium | 115-2 | 1395074 | 1405524 | 1401924 | 1400840 | 0.38 | cps |
| Iron | 56-2 | 284933209 | 288369496 | 291302069 | 288201591 | 1.11 | cps |
| Iron | 57-2 | 7187558 | 7409603 | 7087531 | 7228231 | 2.28 | cps |
| Iron | 54-2 | 15747980 | 15931357 | 15345049 | 15674795 | 1.91 | cps |
| Krypton | 83-1 | 433 | 427 | 317 | 392 | 16.70 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:41:09 | DataFile Name : | 107CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9163231 | 9093149 | 9168997 | 9141792 | 0.46 | cps |
| Lead | 207-1 | 7657871 | 7611151 | 7704590 | 7657870 | 0.61 | cps |
| Lead | 208-1 | 34768011 | 35186657 | 35160255 | 35038308 | 0.67 | cps |
| Lithium | 6-1 | 597646 | 604412 | 609261 | 603773 | 0.97 | cps |
| Magnesium | 24-2 | 65962127 | 65827197 | 65026534 | 65605286 | 0.77 | cps |
| Manganese | 55-2 | 10375951 | 10606697 | 10339750 | 10440800 | 1.39 | cps |
| Molybdenum | 94-1 | 8273591 | 8457758 | 8562199 | 8431183 | 1.73 | cps |
| Molybdenum | 95-1 | 11962749 | 11866884 | 12125978 | 11985204 | 1.09 | cps |
| Molybdenum | 96-1 | 12971799 | 13169957 | 13199466 | 13113741 | 0.94 | cps |
| Molybdenum | 97-1 | 7310381 | 7213714 | 7573465 | 7365853 | 2.53 | cps |
| Molybdenum | 98-1 | 19408620 | 19836166 | 19069570 | 19438119 | 1.98 | cps |
| Neodymium | 150-1 | 153 | 170 | 147 | 157 | 7.67 | cps |
| Neodymium | 150-2 | 53 | 90 | 83 | 76 | 25.85 | cps |
| Nickel | 60-2 | 486719 | 485527 | 482971 | 485072 | 0.39 | cps |
| Phosphorus | 31-2 | 86218 | 84716 | 84002 | 84979 | 1.33 | cps |
| Potassium | 39-2 | 33268759 | 33788932 | 33877130 | 33644940 | 0.98 | cps |
| Rhodium | 103-1 | 3547669 | 3506333 | 3553336 | 3535779 | 0.73 | cps |
| Rhodium | 103-2 | 2342398 | 2420306 | 2356103 | 2372936 | 1.75 | cps |
| Scandium | 45-1 | 2275818 | 2268110 | 2236326 | 2260084 | 0.93 | cps |
| Scandium | 45-2 | 244821 | 243392 | 242591 | 243601 | 0.46 | cps |
| Selenium | 82-1 | 52117 | 52177 | 52787 | 52361 | 0.71 | cps |
| Selenium | 77-2 | 6055 | 6271 | 6178 | 6168 | 1.76 | cps |
| Selenium | 78-2 | 21202 | 21125 | 21018 | 21115 | 0.44 | cps |
| Silicon | 28-1 | 23922795 | 23349864 | 23169576 | 23480745 | 1.67 | cps |
| Silver | 107-1 | 3142236 | 3122227 | 3132361 | 3132275 | 0.32 | cps |
| Silver | 109-1 | 2999784 | 3068567 | 2990119 | 3019490 | 1.42 | cps |
| Sodium | 23-2 | 101985895 | 99782202 | 102227635 | 101331911 | 1.33 | cps |
| Strontium | 86-1 | 745141 | 756681 | 747272 | 749698 | 0.82 | cps |
| Strontium | 88-1 | 6763814 | 6751501 | 6699247 | 6738188 | 0.51 | cps |
| Sulfur | 34-1 | 376353 | 370236 | 375568 | 374052 | 0.89 | cps |
| Terbium | 159-1 | 4664507 | 4620607 | 4620006 | 4635040 | 0.55 | cps |
| Terbium | 159-2 | 3454480 | 3500671 | 3360275 | 3438475 | 2.08 | cps |
| Thallium | 203-1 | 2200578 | 2222328 | 2279344 | 2234083 | 1.82 | cps |
| Thallium | 205-1 | 5264587 | 5500750 | 5395452 | 5386930 | 2.20 | cps |
| Tin | 118-1 | 1881002 | 1946746 | 1880223 | 1902657 | 2.01 | cps |
| Titanium | 47-1 | 3177698 | 3144488 | 3172187 | 3164791 | 0.56 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:41:09 | DataFile Name : | 107CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6478532 | 6618456 | 6558383 | 6551790 | 1.07 | cps |
| Vanadium | 51-2 | 1045759 | 1047693 | 1048584 | 1047345 | 0.14 | cps |
| Yttrium | 89-1 | 6677609 | 6553013 | 6603223 | 6611281 | 0.95 | cps |
| Yttrium | 89-2 | 1941617 | 1979150 | 1952213 | 1957660 | 0.99 | cps |
| Zinc | 66-2 | 2831847 | 2751986 | 2812544 | 2798793 | 1.49 | cps |
| Zirconium | 90-1 | 4090793 | 4138957 | 4145788 | 4125179 | 0.73 | cps |
| Zirconium | 91-1 | 887326 | 910167 | 904874 | 900789 | 1.33 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:49:58 | DataFile Name : | 108CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 553 | 563 | 450 | 522 | 12.02 | cps |
| Antimony | 121-1 | 273 | 273 | 260 | 269 | 2.86 | cps |
| Arsenic | 75-2 | 11 | 8 | 15 | 11 | 30.34 | cps |
| Barium | 135-1 | 50 | 60 | 40 | 50 | 20.00 | cps |
| Barium | 137-1 | 83 | 63 | 77 | 74 | 13.68 | cps |
| Beryllium | 9-1 | 10 | 23 | 17 | 17 | 39.99 | cps |
| Bismuth | 209-1 | 2879798 | 2878716 | 2798694 | 2852403 | 1.63 | cps |
| Bismuth | 209-2 | 2589658 | 2536338 | 2512346 | 2546114 | 1.55 | cps |
| Bromine | 81-1 | 9937 | 9837 | 9566 | 9780 | 1.96 | cps |
| Bromine | 81-2 | 690 | 670 | 603 | 654 | 6.93 | cps |
| Cadmium | 108-1 | 3 | 3 | 7 | 4 | 43.40 | cps |
| Cadmium | 106-1 | 1373 | 1343 | 1553 | 1423 | 7.98 | cps |
| Cadmium | 111-1 | 1006 | 955 | 1103 | 1021 | 7.36 | cps |
| Calcium | 43-1 | 193 | 150 | 157 | 167 | 14.00 | cps |
| Calcium | 44-1 | 17173 | 16856 | 17053 | 17028 | 0.94 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1443 | 1480 | 1553 | 1492 | 3.75 | cps |
| Cobalt | 59-2 | 73 | 83 | 53 | 70 | 21.82 | cps |
| Copper | 63-2 | 1240 | 1180 | 1150 | 1190 | 3.85 | cps |
| Dysprosium | 156-1 | 7 | 7 | 7 | 7 | 0.00 | cps |
| Dysprosium | 156-2 | 0 | 7 | 0 | 2 | 173.21 | cps |
| Erbium | 164-1 | 23 | 17 | 13 | 18 | 28.64 | cps |
| Erbium | 164-2 | 23 | 10 | 10 | 14 | 53.28 | cps |
| Gadolinium | 160-1 | 13 | 37 | 33 | 28 | 45.44 | cps |
| Gadolinium | 160-2 | 227 | 227 | 210 | 221 | 4.35 | cps |
| Holmium | 165-1 | 4521534 | 4432796 | 4490900 | 4481743 | 1.01 | cps |
| Holmium | 165-2 | 3486985 | 3491941 | 3384807 | 3454578 | 1.75 | cps |
| Indium | 115-1 | 3699536 | 3571895 | 3631359 | 3634263 | 1.76 | cps |
| Indium | 115-2 | 1404499 | 1403677 | 1407412 | 1405196 | 0.14 | cps |
| Iron | 56-2 | 25078 | 26604 | 27388 | 26357 | 4.46 | cps |
| Iron | 57-2 | 1537 | 1480 | 1557 | 1524 | 2.61 | cps |
| Iron | 54-2 | 2397 | 2547 | 2610 | 2518 | 4.35 | cps |
| Krypton | 83-1 | 340 | 347 | 333 | 340 | 1.96 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:49:58 | DataFile Name : | 108CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 563 | 503 | 600 | 556 | 8.78 | cps |
| Lead | 207-1 | 410 | 477 | 423 | 437 | 8.08 | cps |
| Lead | 208-1 | 2060 | 2143 | 2250 | 2151 | 4.43 | cps |
| Lithium | 6-1 | 579151 | 581296 | 580998 | 580482 | 0.20 | cps |
| Magnesium | 24-2 | 407 | 537 | 653 | 532 | 23.19 | cps |
| Manganese | 55-2 | 657 | 613 | 713 | 661 | 7.59 | cps |
| Molybdenum | 94-1 | 307 | 283 | 330 | 307 | 7.61 | cps |
| Molybdenum | 95-1 | 287 | 263 | 220 | 257 | 13.18 | cps |
| Molybdenum | 96-1 | 317 | 283 | 300 | 300 | 5.55 | cps |
| Molybdenum | 97-1 | 147 | 137 | 147 | 143 | 4.03 | cps |
| Molybdenum | 98-1 | 403 | 437 | 397 | 412 | 5.20 | cps |
| Neodymium | 150-1 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Neodymium | 150-2 | 3 | 0 | 0 | 1 | 173.21 | cps |
| Nickel | 60-2 | 313 | 377 | 437 | 376 | 16.42 | cps |
| Phosphorus | 31-2 | 350 | 387 | 323 | 353 | 9.00 | cps |
| Potassium | 39-2 | 57903 | 57796 | 58405 | 58035 | 0.56 | cps |
| Rhodium | 103-1 | 3584268 | 3663098 | 3693205 | 3646857 | 1.54 | cps |
| Rhodium | 103-2 | 2469125 | 2462142 | 2456809 | 2462692 | 0.25 | cps |
| Scandium | 45-1 | 2117501 | 2140316 | 2222368 | 2160062 | 2.55 | cps |
| Scandium | 45-2 | 232715 | 233381 | 228516 | 231537 | 1.14 | cps |
| Selenium | 82-1 | 290 | 245 | 241 | 258 | 10.51 | cps |
| Selenium | 77-2 | 0 | 3 | 3 | 2 | 86.60 | cps |
| Selenium | 78-2 | 297 | 347 | 370 | 338 | 11.09 | cps |
| Silicon | 28-1 | 592118 | 587499 | 581545 | 587054 | 0.90 | cps |
| Silver | 107-1 | 143 | 137 | 123 | 134 | 7.57 | cps |
| Silver | 109-1 | 93 | 93 | 87 | 91 | 4.22 | cps |
| Sodium | 23-2 | 42211 | 42525 | 41747 | 42161 | 0.93 | cps |
| Strontium | 86-1 | 587 | 540 | 560 | 562 | 4.16 | cps |
| Strontium | 88-1 | 160 | 127 | 160 | 149 | 12.92 | cps |
| Sulfur | 34-1 | 150567 | 152058 | 150361 | 150995 | 0.61 | cps |
| Terbium | 159-1 | 4467443 | 4547038 | 4482032 | 4498838 | 0.94 | cps |
| Terbium | 159-2 | 3448941 | 3360257 | 3324731 | 3377976 | 1.89 | cps |
| Thallium | 203-1 | 277 | 277 | 240 | 264 | 8.01 | cps |
| Thallium | 205-1 | 677 | 620 | 663 | 653 | 4.54 | cps |
| Tin | 118-1 | 1213 | 1157 | 1097 | 1156 | 5.05 | cps |
| Titanium | 47-1 | 67 | 73 | 90 | 77 | 15.68 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB07 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB07 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 18:49:58 | DataFile Name : | 108CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33 | 43 | 30 | 36 | 19.51 | cps |
| Vanadium | 51-2 | 13 | 20 | 13 | 16 | 24.76 | cps |
| Yttrium | 89-1 | 6465895 | 6218104 | 6419450 | 6367817 | 2.07 | cps |
| Yttrium | 89-2 | 1942807 | 1917134 | 1973323 | 1944422 | 1.45 | cps |
| Zinc | 66-2 | 1300 | 1420 | 1350 | 1357 | 4.44 | cps |
| Zirconium | 90-1 | 433 | 343 | 403 | 393 | 11.65 | cps |
| Zirconium | 91-1 | 80 | 73 | 103 | 86 | 18.41 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:12:37 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2587543 | 2569036 | 2578010 | 2578196 | 0.36 | cps |
| Antimony | 121-1 | 3460 | 3697 | 3390 | 3516 | 4.57 | cps |
| Arsenic | 75-2 | 24156 | 24336 | 24742 | 24411 | 1.23 | cps |
| Barium | 135-1 | 408582 | 413323 | 411006 | 410970 | 0.58 | cps |
| Barium | 137-1 | 708189 | 717942 | 707089 | 711073 | 0.84 | cps |
| Beryllium | 9-1 | 1173 | 1180 | 1200 | 1185 | 1.17 | cps |
| Bismuth | 209-1 | 2912098 | 2837716 | 2838882 | 2862899 | 1.49 | cps |
| Bismuth | 209-2 | 2589367 | 2566120 | 2549438 | 2568308 | 0.78 | cps |
| Bromine | 81-1 | 103591 | 127758 | 141596 | 124315 | 15.47 | cps |
| Bromine | 81-2 | 30859 | 30956 | 31220 | 31012 | 0.60 | cps |
| Cadmium | 108-1 | 1163 | 1250 | 1300 | 1238 | 5.59 | cps |
| Cadmium | 106-1 | 2964 | 3074 | 3174 | 3070 | 3.42 | cps |
| Cadmium | 111-1 | 17623 | 18514 | 17628 | 17921 | 2.86 | cps |
| Calcium | 43-1 | 148610 | 148715 | 148554 | 148627 | 0.06 | cps |
| Calcium | 44-1 | 2334723 | 2418742 | 2364778 | 2372748 | 1.79 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1196861 | 1189598 | 1188330 | 1191596 | 0.39 | cps |
| Cobalt | 59-2 | 70957 | 72233 | 70150 | 71113 | 1.48 | cps |
| Copper | 63-2 | 1663105 | 1600931 | 1652496 | 1638844 | 2.03 | cps |
| Dysprosium | 156-1 | 20185 | 20595 | 20295 | 20358 | 1.04 | cps |
| Dysprosium | 156-2 | 20208 | 19998 | 20288 | 20165 | 0.74 | cps |
| Erbium | 164-1 | 19958 | 21086 | 20699 | 20581 | 2.79 | cps |
| Erbium | 164-2 | 15782 | 15769 | 15195 | 15582 | 2.15 | cps |
| Gadolinium | 160-1 | 21590 | 22014 | 21563 | 21723 | 1.16 | cps |
| Gadolinium | 160-2 | 18589 | 17968 | 18255 | 18271 | 1.70 | cps |
| Holmium | 165-1 | 4502890 | 4511011 | 4324213 | 4446038 | 2.37 | cps |
| Holmium | 165-2 | 3677348 | 3440948 | 3495468 | 3537921 | 3.50 | cps |
| Indium | 115-1 | 3530425 | 3571738 | 3531718 | 3544627 | 0.66 | cps |
| Indium | 115-2 | 1426894 | 1398029 | 1394581 | 1406501 | 1.26 | cps |
| Iron | 56-2 | 112430245 | 117291595 | 112935435 | 114219092 | 2.34 | cps |
| Iron | 57-2 | 2794857 | 2904770 | 2746602 | 2815410 | 2.88 | cps |
| Iron | 54-2 | 6375129 | 6293542 | 6241042 | 6303238 | 1.07 | cps |
| Krypton | 83-1 | 377 | 427 | 443 | 416 | 8.35 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:12:37 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2718287 | 2887486 | 2833509 | 2813094 | 3.07 | cps |
| Lead | 207-1 | 2291118 | 2301718 | 2325342 | 2306059 | 0.76 | cps |
| Lead | 208-1 | 10591572 | 10777388 | 10729655 | 10699538 | 0.90 | cps |
| Lithium | 6-1 | 571035 | 568510 | 572037 | 570527 | 0.32 | cps |
| Magnesium | 24-2 | 2856718 | 2822858 | 2825825 | 2835134 | 0.66 | cps |
| Manganese | 55-2 | 951708 | 946580 | 940726 | 946338 | 0.58 | cps |
| Molybdenum | 94-1 | 50089 | 49520 | 49768 | 49792 | 0.57 | cps |
| Molybdenum | 95-1 | 11201 | 11338 | 11218 | 11252 | 0.66 | cps |
| Molybdenum | 96-1 | 19533 | 19760 | 19910 | 19735 | 0.96 | cps |
| Molybdenum | 97-1 | 7068 | 7205 | 6915 | 7063 | 2.06 | cps |
| Molybdenum | 98-1 | 18328 | 18248 | 18328 | 18302 | 0.25 | cps |
| Neodymium | 150-1 | 33446 | 33109 | 32625 | 33060 | 1.25 | cps |
| Neodymium | 150-2 | 22067 | 20859 | 21640 | 21522 | 2.85 | cps |
| Nickel | 60-2 | 120515 | 121213 | 120581 | 120770 | 0.32 | cps |
| Phosphorus | 31-2 | 21529 | 21789 | 21899 | 21739 | 0.88 | cps |
| Potassium | 39-2 | 1069631 | 1080828 | 1067689 | 1072716 | 0.66 | cps |
| Rhodium | 103-1 | 3651676 | 3572671 | 3521808 | 3582051 | 1.83 | cps |
| Rhodium | 103-2 | 2459537 | 2445369 | 2388401 | 2431102 | 1.55 | cps |
| Scandium | 45-1 | 2246164 | 2230973 | 2185665 | 2220934 | 1.42 | cps |
| Scandium | 45-2 | 240715 | 240743 | 238734 | 240064 | 0.48 | cps |
| Selenium | 82-1 | 649 | 601 | 642 | 631 | 4.17 | cps |
| Selenium | 77-2 | 137 | 177 | 140 | 151 | 14.69 | cps |
| Selenium | 78-2 | 603 | 527 | 637 | 589 | 9.58 | cps |
| Silicon | 28-1 | 5224438 | 5769770 | 5274886 | 5423031 | 5.56 | cps |
| Silver | 107-1 | 62728 | 63843 | 63324 | 63299 | 0.88 | cps |
| Silver | 109-1 | 58531 | 59719 | 60964 | 59738 | 2.04 | cps |
| Sodium | 23-2 | 3455039 | 3435650 | 3450192 | 3446960 | 0.29 | cps |
| Strontium | 86-1 | 167631 | 166362 | 167295 | 167096 | 0.39 | cps |
| Strontium | 88-1 | 1510464 | 1563911 | 1517234 | 1530536 | 1.90 | cps |
| Sulfur | 34-1 | 641392 | 634442 | 624318 | 633384 | 1.36 | cps |
| Terbium | 159-1 | 4511606 | 4554662 | 4547170 | 4537813 | 0.51 | cps |
| Terbium | 159-2 | 3357252 | 3380292 | 3363242 | 3366929 | 0.36 | cps |
| Thallium | 203-1 | 2090 | 2364 | 2410 | 2288 | 7.56 | cps |
| Thallium | 205-1 | 5178 | 5294 | 5321 | 5264 | 1.45 | cps |
| Tin | 118-1 | 208009 | 209625 | 209144 | 208926 | 0.40 | cps |
| Titanium | 47-1 | 288824 | 288100 | 287864 | 288263 | 0.17 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO1-039085-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:12:37 | DataFile Name : | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 31422 | 31548 | 31666 | 31545 | 0.39 | cps |
| Vanadium | 51-2 | 197026 | 195281 | 195177 | 195828 | 0.53 | cps |
| Yttrium | 89-1 | 6670990 | 6791103 | 6633365 | 6698486 | 1.23 | cps |
| Yttrium | 89-2 | 2021692 | 2014601 | 1988510 | 2008268 | 0.87 | cps |
| Zinc | 66-2 | 551599 | 552035 | 550772 | 551469 | 0.12 | cps |
| Zirconium | 90-1 | 118981 | 119902 | 118975 | 119286 | 0.45 | cps |
| Zirconium | 91-1 | 26010 | 26578 | 26691 | 26426 | 1.38 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:15:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1682776 | 1689912 | 1636249 | 1669646 | 1.75 | cps |
| Antimony | 121-1 | 3991 | 3927 | 3941 | 3953 | 0.85 | cps |
| Arsenic | 75-2 | 14229 | 14156 | 14239 | 14208 | 0.32 | cps |
| Barium | 135-1 | 283922 | 287511 | 288973 | 286802 | 0.91 | cps |
| Barium | 137-1 | 505899 | 506177 | 510871 | 507649 | 0.55 | cps |
| Beryllium | 9-1 | 683 | 720 | 680 | 694 | 3.20 | cps |
| Bismuth | 209-1 | 2853388 | 2821462 | 2836426 | 2837092 | 0.56 | cps |
| Bismuth | 209-2 | 2611573 | 2542382 | 2569984 | 2574646 | 1.35 | cps |
| Bromine | 81-1 | 62569 | 74926 | 82271 | 73255 | 13.59 | cps |
| Bromine | 81-2 | 16643 | 16943 | 16776 | 16787 | 0.90 | cps |
| Cadmium | 108-1 | 893 | 857 | 897 | 882 | 2.52 | cps |
| Cadmium | 106-1 | 2804 | 2660 | 2444 | 2636 | 6.88 | cps |
| Cadmium | 111-1 | 13149 | 13081 | 13191 | 13140 | 0.42 | cps |
| Calcium | 43-1 | 114899 | 116480 | 116148 | 115842 | 0.72 | cps |
| Calcium | 44-1 | 1903530 | 1866198 | 1828889 | 1866205 | 2.00 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 679046 | 680286 | 681629 | 680320 | 0.19 | cps |
| Cobalt | 59-2 | 54080 | 53392 | 53813 | 53762 | 0.65 | cps |
| Copper | 63-2 | 1176329 | 1187530 | 1174403 | 1179421 | 0.60 | cps |
| Dysprosium | 156-1 | 13240 | 13166 | 13700 | 13369 | 2.16 | cps |
| Dysprosium | 156-2 | 13460 | 13844 | 13847 | 13717 | 1.62 | cps |
| Erbium | 164-1 | 13540 | 13820 | 13663 | 13675 | 1.03 | cps |
| Erbium | 164-2 | 10234 | 10314 | 10287 | 10278 | 0.40 | cps |
| Gadolinium | 160-1 | 14624 | 14554 | 14831 | 14670 | 0.98 | cps |
| Gadolinium | 160-2 | 11838 | 12105 | 11952 | 11965 | 1.12 | cps |
| Holmium | 165-1 | 4485143 | 4541455 | 4522468 | 4516355 | 0.63 | cps |
| Holmium | 165-2 | 3541181 | 3424077 | 3540171 | 3501809 | 1.92 | cps |
| Indium | 115-1 | 3570283 | 3598499 | 3595036 | 3587939 | 0.43 | cps |
| Indium | 115-2 | 1428717 | 1444709 | 1424326 | 1432584 | 0.75 | cps |
| Iron | 56-2 | 69176344 | 70323502 | 69795996 | 69765281 | 0.82 | cps |
| Iron | 57-2 | 1725914 | 1740269 | 1722430 | 1729538 | 0.55 | cps |
| Iron | 54-2 | 3909863 | 3863630 | 3824898 | 3866130 | 1.10 | cps |
| Krypton | 83-1 | 337 | 327 | 370 | 344 | 6.59 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:15:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3332464 | 3380467 | 3376143 | 3363025 | 0.79 | cps |
| Lead | 207-1 | 2781938 | 2810503 | 2764749 | 2785730 | 0.83 | cps |
| Lead | 208-1 | 12831135 | 12854540 | 12950790 | 12878821 | 0.49 | cps |
| Lithium | 6-1 | 576362 | 585351 | 581140 | 580951 | 0.77 | cps |
| Magnesium | 24-2 | 2628743 | 2468006 | 2498197 | 2531649 | 3.37 | cps |
| Manganese | 55-2 | 519731 | 524586 | 519647 | 521321 | 0.54 | cps |
| Molybdenum | 94-1 | 30789 | 32443 | 32449 | 31894 | 3.00 | cps |
| Molybdenum | 95-1 | 8933 | 9126 | 9106 | 9055 | 1.17 | cps |
| Molybdenum | 96-1 | 14914 | 14094 | 14671 | 14560 | 2.90 | cps |
| Molybdenum | 97-1 | 5845 | 5448 | 5661 | 5651 | 3.51 | cps |
| Molybdenum | 98-1 | 14417 | 14190 | 14471 | 14359 | 1.04 | cps |
| Neodymium | 150-1 | 22291 | 22191 | 22598 | 22360 | 0.95 | cps |
| Neodymium | 150-2 | 14501 | 14865 | 14661 | 14676 | 1.24 | cps |
| Nickel | 60-2 | 114574 | 113029 | 111324 | 112976 | 1.44 | cps |
| Phosphorus | 31-2 | 14057 | 14527 | 14297 | 14293 | 1.65 | cps |
| Potassium | 39-2 | 687538 | 695376 | 695562 | 692825 | 0.66 | cps |
| Rhodium | 103-1 | 3613323 | 3556108 | 3661817 | 3610416 | 1.47 | cps |
| Rhodium | 103-2 | 2487653 | 2473055 | 2444317 | 2468342 | 0.89 | cps |
| Scandium | 45-1 | 2274402 | 2304336 | 2229361 | 2269366 | 1.66 | cps |
| Scandium | 45-2 | 241741 | 244421 | 244395 | 243519 | 0.63 | cps |
| Selenium | 82-1 | 528 | 559 | 514 | 533 | 4.28 | cps |
| Selenium | 77-2 | 90 | 80 | 70 | 80 | 12.50 | cps |
| Selenium | 78-2 | 463 | 443 | 443 | 450 | 2.57 | cps |
| Silicon | 28-1 | 2623071 | 2580022 | 2671479 | 2624857 | 1.74 | cps |
| Silver | 107-1 | 40961 | 41523 | 41272 | 41252 | 0.68 | cps |
| Silver | 109-1 | 38795 | 38859 | 40012 | 39222 | 1.75 | cps |
| Sodium | 23-2 | 3030839 | 3031096 | 2993306 | 3018414 | 0.72 | cps |
| Strontium | 86-1 | 100427 | 102847 | 101427 | 101567 | 1.20 | cps |
| Strontium | 88-1 | 879086 | 893484 | 886398 | 886323 | 0.81 | cps |
| Sulfur | 34-1 | 474603 | 470870 | 479242 | 474905 | 0.88 | cps |
| Terbium | 159-1 | 4452308 | 4322860 | 4576706 | 4450625 | 2.85 | cps |
| Terbium | 159-2 | 3335283 | 3524893 | 3393210 | 3417796 | 2.84 | cps |
| Thallium | 203-1 | 1547 | 1533 | 1673 | 1585 | 4.88 | cps |
| Thallium | 205-1 | 3754 | 3494 | 3520 | 3589 | 3.99 | cps |
| Tin | 118-1 | 137069 | 139263 | 137046 | 137793 | 0.92 | cps |
| Titanium | 47-1 | 205285 | 205065 | 207355 | 205902 | 0.61 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-028010-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:15:43 | DataFile Name : | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 20500 | 20339 | 20727 | 20522 | 0.95 | cps |
| Vanadium | 51-2 | 169208 | 169564 | 167647 | 168807 | 0.60 | cps |
| Yttrium | 89-1 | 6680755 | 6517018 | 6546802 | 6581525 | 1.33 | cps |
| Yttrium | 89-2 | 1988839 | 2021872 | 2008162 | 2006291 | 0.83 | cps |
| Zinc | 66-2 | 458996 | 457013 | 452431 | 456147 | 0.74 | cps |
| Zirconium | 90-1 | 73001 | 73430 | 72253 | 72895 | 0.82 | cps |
| Zirconium | 91-1 | 16076 | 16383 | 16590 | 16349 | 1.58 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:18:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2798758 | 2726759 | 2694022 | 2739846 | 1.96 | cps |
| Antimony | 121-1 | 1590 | 1710 | 1593 | 1631 | 4.19 | cps |
| Arsenic | 75-2 | 31752 | 31051 | 31470 | 31424 | 1.12 | cps |
| Barium | 135-1 | 473087 | 478764 | 475578 | 475810 | 0.60 | cps |
| Barium | 137-1 | 824662 | 836322 | 818790 | 826591 | 1.08 | cps |
| Beryllium | 9-1 | 980 | 1013 | 963 | 986 | 2.58 | cps |
| Bismuth | 209-1 | 2898071 | 2940611 | 2871036 | 2903239 | 1.21 | cps |
| Bismuth | 209-2 | 2653696 | 2643082 | 2578544 | 2625108 | 1.55 | cps |
| Bromine | 81-1 | 87131 | 108177 | 118498 | 104602 | 15.28 | cps |
| Bromine | 81-2 | 25055 | 25516 | 25689 | 25420 | 1.29 | cps |
| Cadmium | 108-1 | 393 | 387 | 363 | 381 | 4.13 | cps |
| Cadmium | 106-1 | 2027 | 2167 | 2114 | 2102 | 3.36 | cps |
| Cadmium | 111-1 | 5834 | 6070 | 5926 | 5943 | 2.00 | cps |
| Calcium | 43-1 | 114765 | 117195 | 115920 | 115960 | 1.05 | cps |
| Calcium | 44-1 | 1788527 | 1860578 | 1834022 | 1827709 | 1.99 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 559964 | 561790 | 558293 | 560016 | 0.31 | cps |
| Cobalt | 59-2 | 61807 | 61847 | 61264 | 61639 | 0.53 | cps |
| Copper | 63-2 | 1359647 | 1330451 | 1327781 | 1339293 | 1.32 | cps |
| Dysprosium | 156-1 | 22331 | 22825 | 22388 | 22515 | 1.20 | cps |
| Dysprosium | 156-2 | 22021 | 21233 | 21891 | 21715 | 1.95 | cps |
| Erbium | 164-1 | 21777 | 22345 | 21981 | 22034 | 1.30 | cps |
| Erbium | 164-2 | 17121 | 17274 | 16613 | 17003 | 2.03 | cps |
| Gadolinium | 160-1 | 24314 | 23961 | 23897 | 24057 | 0.93 | cps |
| Gadolinium | 160-2 | 20028 | 19827 | 19611 | 19822 | 1.05 | cps |
| Holmium | 165-1 | 4440688 | 4582478 | 4517340 | 4513502 | 1.57 | cps |
| Holmium | 165-2 | 3636896 | 3579250 | 3442320 | 3552822 | 2.81 | cps |
| Indium | 115-1 | 3634151 | 3642264 | 3565122 | 3613846 | 1.17 | cps |
| Indium | 115-2 | 1462044 | 1429418 | 1425165 | 1438875 | 1.40 | cps |
| Iron | 56-2 | 106198322 | 103399585 | 104807042 | 104801650 | 1.34 | cps |
| Iron | 57-2 | 2639640 | 2547667 | 2584622 | 2590643 | 1.79 | cps |
| Iron | 54-2 | 5765925 | 5843983 | 5795651 | 5801853 | 0.68 | cps |
| Krypton | 83-1 | 410 | 370 | 403 | 394 | 5.43 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:18:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2829275 | 2741556 | 2912094 | 2827642 | 3.02 | cps |
| Lead | 207-1 | 2332695 | 2308492 | 2425942 | 2355710 | 2.63 | cps |
| Lead | 208-1 | 10773444 | 10786147 | 11107598 | 10889063 | 1.74 | cps |
| Lithium | 6-1 | 586278 | 598915 | 592669 | 592620 | 1.07 | cps |
| Magnesium | 24-2 | 2668849 | 2612984 | 2574049 | 2618628 | 1.82 | cps |
| Manganese | 55-2 | 1160416 | 1146877 | 1149317 | 1152203 | 0.63 | cps |
| Molybdenum | 94-1 | 42729 | 42756 | 43378 | 42954 | 0.85 | cps |
| Molybdenum | 95-1 | 4761 | 4868 | 5134 | 4921 | 3.91 | cps |
| Molybdenum | 96-1 | 11925 | 12395 | 12018 | 12113 | 2.06 | cps |
| Molybdenum | 97-1 | 2820 | 3157 | 2927 | 2968 | 5.80 | cps |
| Molybdenum | 98-1 | 7545 | 8109 | 7572 | 7742 | 4.11 | cps |
| Neodymium | 150-1 | 34402 | 35421 | 35281 | 35035 | 1.58 | cps |
| Neodymium | 150-2 | 23136 | 22849 | 22592 | 22859 | 1.19 | cps |
| Nickel | 60-2 | 70247 | 70307 | 68904 | 69819 | 1.14 | cps |
| Phosphorus | 31-2 | 22233 | 21285 | 21418 | 21645 | 2.37 | cps |
| Potassium | 39-2 | 1178161 | 1160674 | 1148669 | 1162501 | 1.28 | cps |
| Rhodium | 103-1 | 3609182 | 3679748 | 3608708 | 3632546 | 1.13 | cps |
| Rhodium | 103-2 | 2588835 | 2531814 | 2504163 | 2541604 | 1.70 | cps |
| Scandium | 45-1 | 2276953 | 2339357 | 2293643 | 2303318 | 1.40 | cps |
| Scandium | 45-2 | 251764 | 249391 | 245609 | 248922 | 1.25 | cps |
| Selenium | 82-1 | 933 | 1029 | 982 | 981 | 4.87 | cps |
| Selenium | 77-2 | 187 | 217 | 190 | 198 | 8.31 | cps |
| Selenium | 78-2 | 657 | 707 | 727 | 697 | 5.18 | cps |
| Silicon | 28-1 | 2639856 | 2532187 | 2454115 | 2542052 | 3.67 | cps |
| Silver | 107-1 | 34431 | 35086 | 35841 | 35119 | 2.01 | cps |
| Silver | 109-1 | 32436 | 33074 | 32724 | 32745 | 0.98 | cps |
| Sodium | 23-2 | 2857885 | 2816261 | 2797103 | 2823750 | 1.10 | cps |
| Strontium | 86-1 | 109974 | 112614 | 113072 | 111887 | 1.49 | cps |
| Strontium | 88-1 | 971427 | 981248 | 969339 | 974004 | 0.65 | cps |
| Sulfur | 34-1 | 489635 | 498434 | 499908 | 495992 | 1.12 | cps |
| Terbium | 159-1 | 4436611 | 4570247 | 4513690 | 4506849 | 1.49 | cps |
| Terbium | 159-2 | 3470102 | 3387108 | 3486964 | 3448058 | 1.55 | cps |
| Thallium | 203-1 | 2870 | 2934 | 2767 | 2857 | 2.95 | cps |
| Thallium | 205-1 | 6535 | 6975 | 6655 | 6722 | 3.39 | cps |
| Tin | 118-1 | 359950 | 366497 | 366663 | 364370 | 1.05 | cps |
| Titanium | 47-1 | 206596 | 212391 | 210313 | 209767 | 1.40 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-SO3-010013-202 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:18:51 | DataFile Name : | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25518 | 25542 | 25168 | 25409 | 0.82 | cps |
| Vanadium | 51-2 | 132452 | 131379 | 130344 | 131392 | 0.80 | cps |
| Yttrium | 89-1 | 6750136 | 6900848 | 6723711 | 6791565 | 1.41 | cps |
| Yttrium | 89-2 | 2126938 | 2076907 | 2056774 | 2086873 | 1.73 | cps |
| Zinc | 66-2 | 439718 | 439464 | 431553 | 436912 | 1.06 | cps |
| Zirconium | 90-1 | 109186 | 109674 | 108857 | 109239 | 0.38 | cps |
| Zirconium | 91-1 | 23899 | 24364 | 24367 | 24210 | 1.11 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:22:00 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3607149 | 3643755 | 3677977 | 3642960 | 0.97 | cps |
| Antimony | 121-1 | 860 | 857 | 807 | 841 | 3.55 | cps |
| Arsenic | 75-2 | 38694 | 38585 | 37366 | 38215 | 1.93 | cps |
| Barium | 135-1 | 174503 | 178175 | 176375 | 176351 | 1.04 | cps |
| Barium | 137-1 | 303261 | 309050 | 309769 | 307360 | 1.16 | cps |
| Beryllium | 9-1 | 1257 | 1373 | 1157 | 1262 | 8.59 | cps |
| Bismuth | 209-1 | 2838341 | 2841421 | 2859465 | 2846409 | 0.40 | cps |
| Bismuth | 209-2 | 2660798 | 2577776 | 2583109 | 2607228 | 1.78 | cps |
| Bromine | 81-1 | 144543 | 184606 | 199626 | 176258 | 16.15 | cps |
| Bromine | 81-2 | 42424 | 43126 | 43357 | 42969 | 1.13 | cps |
| Cadmium | 108-1 | 190 | 217 | 177 | 194 | 10.47 | cps |
| Cadmium | 106-1 | 1980 | 1967 | 2020 | 1989 | 1.40 | cps |
| Cadmium | 111-1 | 2747 | 2632 | 2811 | 2730 | 3.32 | cps |
| Calcium | 43-1 | 100773 | 101276 | 101699 | 101249 | 0.46 | cps |
| Calcium | 44-1 | 1601772 | 1576552 | 1608860 | 1595728 | 1.06 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 313773 | 315580 | 310129 | 313161 | 0.89 | cps |
| Cobalt | 59-2 | 79878 | 80541 | 80555 | 80325 | 0.48 | cps |
| Copper | 63-2 | 908684 | 904478 | 896892 | 903351 | 0.66 | cps |
| Dysprosium | 156-1 | 28820 | 29388 | 28412 | 28873 | 1.70 | cps |
| Dysprosium | 156-2 | 28252 | 27631 | 27674 | 27852 | 1.25 | cps |
| Erbium | 164-1 | 28272 | 28205 | 28797 | 28425 | 1.14 | cps |
| Erbium | 164-2 | 21427 | 21587 | 21617 | 21543 | 0.47 | cps |
| Gadolinium | 160-1 | 30156 | 30891 | 30958 | 30668 | 1.45 | cps |
| Gadolinium | 160-2 | 25366 | 24638 | 25250 | 25085 | 1.56 | cps |
| Holmium | 165-1 | 4691442 | 4608652 | 4538176 | 4612757 | 1.66 | cps |
| Holmium | 165-2 | 3690997 | 3486794 | 3546671 | 3574821 | 2.94 | cps |
| Indium | 115-1 | 3750526 | 3653922 | 3624401 | 3676283 | 1.79 | cps |
| Indium | 115-2 | 1437075 | 1434594 | 1424784 | 1432151 | 0.45 | cps |
| Iron | 56-2 | 138312228 | 137405135 | 134187678 | 136635014 | 1.59 | cps |
| Iron | 57-2 | 3284402 | 3349616 | 3341397 | 3325138 | 1.07 | cps |
| Iron | 54-2 | 7700440 | 7560298 | 7516834 | 7592524 | 1.26 | cps |
| Krypton | 83-1 | 450 | 370 | 347 | 389 | 13.94 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:22:00 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1945801 | 2015956 | 1961671 | 1974476 | 1.86 | cps |
| Lead | 207-1 | 1437264 | 1470513 | 1459071 | 1455616 | 1.16 | cps |
| Lead | 208-1 | 7414914 | 7509439 | 7441792 | 7455382 | 0.65 | cps |
| Lithium | 6-1 | 602334 | 604656 | 614439 | 607143 | 1.06 | cps |
| Magnesium | 24-2 | 3040383 | 3044977 | 3043025 | 3042795 | 0.08 | cps |
| Manganese | 55-2 | 2661471 | 2646366 | 2698044 | 2668627 | 1.00 | cps |
| Molybdenum | 94-1 | 52099 | 52491 | 52350 | 52313 | 0.38 | cps |
| Molybdenum | 95-1 | 3610 | 3731 | 3577 | 3639 | 2.22 | cps |
| Molybdenum | 96-1 | 12689 | 12799 | 12706 | 12731 | 0.47 | cps |
| Molybdenum | 97-1 | 2260 | 2447 | 2257 | 2321 | 4.69 | cps |
| Molybdenum | 98-1 | 5641 | 6101 | 5751 | 5831 | 4.12 | cps |
| Neodymium | 150-1 | 43875 | 44453 | 44085 | 44138 | 0.66 | cps |
| Neodymium | 150-2 | 29374 | 29534 | 28509 | 29139 | 1.89 | cps |
| Nickel | 60-2 | 69711 | 69095 | 69417 | 69408 | 0.44 | cps |
| Phosphorus | 31-2 | 19426 | 20003 | 19392 | 19607 | 1.75 | cps |
| Potassium | 39-2 | 1314856 | 1321671 | 1305031 | 1313853 | 0.64 | cps |
| Rhodium | 103-1 | 3645939 | 3629903 | 3635780 | 3637207 | 0.22 | cps |
| Rhodium | 103-2 | 2512847 | 2554429 | 2447422 | 2504900 | 2.15 | cps |
| Scandium | 45-1 | 2378162 | 2350862 | 2366404 | 2365143 | 0.58 | cps |
| Scandium | 45-2 | 250080 | 251036 | 248687 | 249934 | 0.47 | cps |
| Selenium | 82-1 | 504 | 582 | 600 | 562 | 9.06 | cps |
| Selenium | 77-2 | 163 | 180 | 147 | 163 | 10.20 | cps |
| Selenium | 78-2 | 543 | 503 | 523 | 523 | 3.82 | cps |
| Silicon | 28-1 | 6440902 | 6414945 | 6432370 | 6429406 | 0.21 | cps |
| Silver | 107-1 | 10731 | 10871 | 10724 | 10775 | 0.77 | cps |
| Silver | 109-1 | 10324 | 10264 | 9823 | 10137 | 2.70 | cps |
| Sodium | 23-2 | 2181194 | 2152415 | 2151341 | 2161650 | 0.78 | cps |
| Strontium | 86-1 | 102417 | 103250 | 103367 | 103011 | 0.50 | cps |
| Strontium | 88-1 | 891666 | 903932 | 899310 | 898303 | 0.69 | cps |
| Sulfur | 34-1 | 429808 | 430055 | 428802 | 429555 | 0.15 | cps |
| Terbium | 159-1 | 4533725 | 4653992 | 4539114 | 4575611 | 1.48 | cps |
| Terbium | 159-2 | 3446725 | 3435797 | 3418860 | 3433794 | 0.41 | cps |
| Thallium | 203-1 | 1530 | 1440 | 1643 | 1538 | 6.63 | cps |
| Thallium | 205-1 | 3781 | 3507 | 3697 | 3662 | 3.83 | cps |
| Tin | 118-1 | 176891 | 181328 | 176218 | 178146 | 1.56 | cps |
| Titanium | 47-1 | 267335 | 273863 | 272469 | 271223 | 1.27 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:22:00 | DataFile Name : | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 18817 | 20026 | 19879 | 19574 | 3.37 | cps |
| Vanadium | 51-2 | 141557 | 141594 | 139540 | 140897 | 0.83 | cps |
| Yttrium | 89-1 | 7000584 | 6915797 | 6929980 | 6948787 | 0.65 | cps |
| Yttrium | 89-2 | 2147593 | 2123808 | 2098948 | 2123450 | 1.15 | cps |
| Zinc | 66-2 | 279075 | 278061 | 274090 | 277075 | 0.95 | cps |
| Zirconium | 90-1 | 137671 | 137034 | 138444 | 137716 | 0.51 | cps |
| Zirconium | 91-1 | 30505 | 30225 | 30318 | 30349 | 0.47 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUPl | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:25:13 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3749852 | 3614653 | 3632043 | 3665516 | 2.01 | cps |
| Antimony | 121-1 | 793 | 890 | 890 | 858 | 6.51 | cps |
| Arsenic | 75-2 | 38002 | 37513 | 37807 | 37774 | 0.65 | cps |
| Barium | 135-1 | 178761 | 177004 | 179113 | 178292 | 0.63 | cps |
| Barium | 137-1 | 310029 | 305807 | 311634 | 309156 | 0.97 | cps |
| Beryllium | 9-1 | 1217 | 1160 | 1213 | 1197 | 2.66 | cps |
| Bismuth | 209-1 | 2884677 | 2887561 | 2823335 | 2865191 | 1.27 | cps |
| Bismuth | 209-2 | 2554733 | 2624560 | 2571614 | 2583636 | 1.41 | cps |
| Bromine | 81-1 | 149224 | 185729 | 199822 | 178258 | 14.65 | cps |
| Bromine | 81-2 | 43798 | 43644 | 43414 | 43619 | 0.44 | cps |
| Cadmium | 108-1 | 200 | 173 | 157 | 177 | 12.37 | cps |
| Cadmium | 106-1 | 2107 | 1767 | 1833 | 1902 | 9.47 | cps |
| Cadmium | 111-1 | 2772 | 2799 | 2611 | 2727 | 3.73 | cps |
| Calcium | 43-1 | 100639 | 100873 | 100642 | 100718 | 0.13 | cps |
| Calcium | 44-1 | 1604013 | 1554738 | 1534873 | 1564541 | 2.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 317591 | 315829 | 311296 | 314905 | 1.03 | cps |
| Cobalt | 59-2 | 79962 | 81715 | 81131 | 80936 | 1.10 | cps |
| Copper | 63-2 | 904803 | 909191 | 909017 | 907671 | 0.27 | cps |
| Dysprosium | 156-1 | 29023 | 29164 | 28536 | 28908 | 1.14 | cps |
| Dysprosium | 156-2 | 28082 | 27731 | 27594 | 27802 | 0.90 | cps |
| Erbium | 164-1 | 28366 | 28202 | 28406 | 28324 | 0.38 | cps |
| Erbium | 164-2 | 22144 | 22004 | 22184 | 22111 | 0.43 | cps |
| Gadolinium | 160-1 | 30273 | 30801 | 30630 | 30568 | 0.88 | cps |
| Gadolinium | 160-2 | 25022 | 25002 | 24855 | 24960 | 0.37 | cps |
| Holmium | 165-1 | 4588674 | 4502452 | 4457539 | 4516222 | 1.48 | cps |
| Holmium | 165-2 | 3541962 | 3575647 | 3570061 | 3562557 | 0.51 | cps |
| Indium | 115-1 | 3742388 | 3481862 | 3629555 | 3617935 | 3.61 | cps |
| Indium | 115-2 | 1419226 | 1422884 | 1436408 | 1426173 | 0.63 | cps |
| Iron | 56-2 | 136200515 | 136879785 | 135801735 | 136294011 | 0.40 | cps |
| Iron | 57-2 | 3401277 | 3309731 | 3401644 | 3370884 | 1.57 | cps |
| Iron | 54-2 | 7503949 | 7491839 | 7428417 | 7474735 | 0.54 | cps |
| Krypton | 83-1 | 363 | 433 | 430 | 409 | 9.66 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUPl | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:25:13 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2034480 | 2018224 | 1986277 | 2012994 | 1.22 | cps |
| Lead | 207-1 | 1464202 | 1453987 | 1452683 | 1456957 | 0.43 | cps |
| Lead | 208-1 | 7516452 | 7563008 | 7396715 | 7492058 | 1.15 | cps |
| Lithium | 6-1 | 607158 | 599296 | 598796 | 601750 | 0.78 | cps |
| Magnesium | 24-2 | 3049011 | 3037898 | 3137916 | 3074941 | 1.78 | cps |
| Manganese | 55-2 | 2602798 | 2583049 | 2627840 | 2604562 | 0.86 | cps |
| Molybdenum | 94-1 | 52892 | 51915 | 52651 | 52486 | 0.97 | cps |
| Molybdenum | 95-1 | 3681 | 3764 | 3704 | 3716 | 1.16 | cps |
| Molybdenum | 96-1 | 12242 | 12472 | 12586 | 12433 | 1.41 | cps |
| Molybdenum | 97-1 | 2237 | 2390 | 2377 | 2335 | 3.64 | cps |
| Molybdenum | 98-1 | 5801 | 5681 | 5805 | 5762 | 1.22 | cps |
| Neodymium | 150-1 | 45313 | 43467 | 44156 | 44312 | 2.11 | cps |
| Neodymium | 150-2 | 29247 | 28552 | 28759 | 28853 | 1.24 | cps |
| Nickel | 60-2 | 70941 | 70214 | 70066 | 70407 | 0.67 | cps |
| Phosphorus | 31-2 | 19589 | 19162 | 20057 | 19603 | 2.28 | cps |
| Potassium | 39-2 | 1288849 | 1326142 | 1321914 | 1312301 | 1.56 | cps |
| Rhodium | 103-1 | 3652097 | 3679450 | 3566688 | 3632745 | 1.62 | cps |
| Rhodium | 103-2 | 2458826 | 2433141 | 2473970 | 2455312 | 0.84 | cps |
| Scandium | 45-1 | 2334802 | 2310096 | 2393297 | 2346065 | 1.82 | cps |
| Scandium | 45-2 | 248420 | 247900 | 251518 | 249279 | 0.78 | cps |
| Selenium | 82-1 | 593 | 527 | 529 | 550 | 6.85 | cps |
| Selenium | 77-2 | 147 | 150 | 193 | 163 | 15.94 | cps |
| Selenium | 78-2 | 547 | 527 | 460 | 511 | 8.88 | cps |
| Silicon | 28-1 | 6493844 | 6527854 | 6461794 | 6494497 | 0.51 | cps |
| Silver | 107-1 | 10911 | 10621 | 10797 | 10776 | 1.36 | cps |
| Silver | 109-1 | 9897 | 9630 | 10094 | 9873 | 2.36 | cps |
| Sodium | 23-2 | 2158813 | 2161292 | 2204515 | 2174874 | 1.18 | cps |
| Strontium | 86-1 | 102558 | 102591 | 104804 | 103318 | 1.25 | cps |
| Strontium | 88-1 | 899986 | 900104 | 905184 | 901758 | 0.33 | cps |
| Sulfur | 34-1 | 430346 | 429989 | 426592 | 428976 | 0.48 | cps |
| Terbium | 159-1 | 4496829 | 4504790 | 4485281 | 4495633 | 0.22 | cps |
| Terbium | 159-2 | 3454705 | 3398430 | 3415273 | 3422803 | 0.84 | cps |
| Thallium | 203-1 | 1393 | 1603 | 1490 | 1496 | 7.03 | cps |
| Thallium | 205-1 | 3637 | 3624 | 3500 | 3587 | 2.10 | cps |
| Tin | 118-1 | 357771 | 354701 | 359396 | 357289 | 0.67 | cps |
| Titanium | 47-1 | 269052 | 269387 | 271074 | 269837 | 0.40 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015DUPl | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:25:13 | DataFile Name : | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 19261 | 19481 | 19542 | 19428 | 0.76 | cps |
| Vanadium | 51-2 | 142677 | 140350 | 142180 | 141736 | 0.86 | cps |
| Yttrium | 89-1 | 7022608 | 6802319 | 7006078 | 6943668 | 1.77 | cps |
| Yttrium | 89-2 | 2071123 | 2046057 | 2093148 | 2070109 | 1.14 | cps |
| Zinc | 66-2 | 278155 | 278123 | 276325 | 277534 | 0.38 | cps |
| Zirconium | 90-1 | 138144 | 137290 | 138384 | 137939 | 0.42 | cps |
| Zirconium | 91-1 | 30819 | 30589 | 30739 | 30716 | 0.38 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015LDL | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 19:28:22 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 704203 | 701337 | 693810 | 699783 | 0.77 | cps |
| Antimony | 121-1 | 200 | 187 | 200 | 196 | 3.94 | cps |
| Arsenic | 75-2 | 7265 | 7175 | 7353 | 7264 | 1.22 | cps |
| Barium | 135-1 | 34398 | 34488 | 33783 | 34223 | 1.12 | cps |
| Barium | 137-1 | 59604 | 60501 | 60076 | 60061 | 0.75 | cps |
| Beryllium | 9-1 | 297 | 267 | 313 | 292 | 8.09 | cps |
| Bismuth | 209-1 | 2782502 | 2816946 | 2788038 | 2795829 | 0.66 | cps |
| Bismuth | 209-2 | 2558114 | 2556567 | 2498776 | 2537819 | 1.33 | cps |
| Bromine | 81-1 | 47135 | 53346 | 55327 | 51936 | 8.23 | cps |
| Bromine | 81-2 | 10150 | 10167 | 10047 | 10121 | 0.64 | cps |
| Cadmium | 108-1 | 53 | 73 | 57 | 61 | 17.53 | cps |
| Cadmium | 106-1 | 1683 | 1483 | 1487 | 1551 | 7.38 | cps |
| Cadmium | 111-1 | 1484 | 1304 | 1284 | 1358 | 8.13 | cps |
| Calcium | 43-1 | 19429 | 19539 | 19863 | 19611 | 1.15 | cps |
| Calcium | 44-1 | 328129 | 330659 | 331317 | 330035 | 0.51 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 63044 | 61528 | 61940 | 62171 | 1.26 | cps |
| Cobalt | 59-2 | 16262 | 15605 | 15922 | 15930 | 2.06 | cps |
| Copper | 63-2 | 180148 | 178148 | 175201 | 177832 | 1.40 | cps |
| Dysprosium | 156-1 | 5368 | 5641 | 5451 | 5487 | 2.55 | cps |
| Dysprosium | 156-2 | 5234 | 5424 | 5691 | 5450 | 4.21 | cps |
| Erbium | 164-1 | 5481 | 5568 | 5388 | 5479 | 1.64 | cps |
| Erbium | 164-2 | 4214 | 4307 | 4254 | 4258 | 1.10 | cps |
| Gadolinium | 160-1 | 6008 | 6011 | 6028 | 6016 | 0.18 | cps |
| Gadolinium | 160-2 | 5008 | 5021 | 4984 | 5004 | 0.37 | cps |
| Holmium | 165-1 | 4448999 | 4486420 | 4346669 | 4427363 | 1.63 | cps |
| Holmium | 165-2 | 3565410 | 3550331 | 3507134 | 3540959 | 0.85 | cps |
| Indium | 115-1 | 3648372 | 3659655 | 3605991 | 3638006 | 0.78 | cps |
| Indium | 115-2 | 1453951 | 1436697 | 1432492 | 1441047 | 0.79 | cps |
| Iron | 56-2 | 26526164 | 26448972 | 26116085 | 26363740 | 0.83 | cps |
| Iron | 57-2 | 669460 | 659170 | 661397 | 663342 | 0.82 | cps |
| Iron | 54-2 | 1501536 | 1440158 | 1479210 | 1473635 | 2.11 | cps |
| Krypton | 83-1 | 353 | 330 | 343 | 342 | 3.42 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015LDL | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 19:28:22 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 347864 | 345638 | 350113 | 347872 | 0.64 | cps |
| Lead | 207-1 | 278738 | 284180 | 284754 | 282557 | 1.17 | cps |
| Lead | 208-1 | 1303987 | 1324210 | 1330286 | 1319494 | 1.04 | cps |
| Lithium | 6-1 | 578334 | 575724 | 580611 | 578223 | 0.42 | cps |
| Magnesium | 24-2 | 587967 | 584327 | 577386 | 583227 | 0.92 | cps |
| Manganese | 55-2 | 501035 | 506332 | 498281 | 501883 | 0.82 | cps |
| Molybdenum | 94-1 | 10317 | 10330 | 10357 | 10335 | 0.20 | cps |
| Molybdenum | 95-1 | 837 | 777 | 767 | 793 | 4.77 | cps |
| Molybdenum | 96-1 | 2547 | 2527 | 2704 | 2592 | 3.73 | cps |
| Molybdenum | 97-1 | 523 | 493 | 533 | 517 | 4.03 | cps |
| Molybdenum | 98-1 | 1340 | 1347 | 1423 | 1370 | 3.38 | cps |
| Neodymium | 150-1 | 8496 | 8516 | 8516 | 8509 | 0.14 | cps |
| Neodymium | 150-2 | 5888 | 5761 | 5761 | 5803 | 1.26 | cps |
| Nickel | 60-2 | 14407 | 13870 | 14077 | 14118 | 1.92 | cps |
| Phosphorus | 31-2 | 4104 | 4444 | 4151 | 4233 | 4.36 | cps |
| Potassium | 39-2 | 313013 | 314891 | 310319 | 312741 | 0.73 | cps |
| Rhodium | 103-1 | 3658132 | 3522510 | 3634955 | 3605199 | 2.01 | cps |
| Rhodium | 103-2 | 2464722 | 2527726 | 2428482 | 2473643 | 2.03 | cps |
| Scandium | 45-1 | 2259183 | 2210344 | 2256156 | 2241894 | 1.22 | cps |
| Scandium | 45-2 | 240079 | 239647 | 243606 | 241111 | 0.90 | cps |
| Selenium | 82-1 | 337 | 303 | 368 | 336 | 9.59 | cps |
| Selenium | 77-2 | 20 | 23 | 20 | 21 | 9.11 | cps |
| Selenium | 78-2 | 390 | 433 | 400 | 408 | 5.56 | cps |
| Silicon | 28-1 | 1875039 | 1910956 | 1940086 | 1908694 | 1.71 | cps |
| Silver | 107-1 | 2174 | 2037 | 2157 | 2122 | 3.51 | cps |
| Silver | 109-1 | 2084 | 2150 | 2007 | 2080 | 3.45 | cps |
| Sodium | 23-2 | 437891 | 437174 | 434305 | 436457 | 0.43 | cps |
| Strontium | 86-1 | 20554 | 20631 | 20438 | 20541 | 0.47 | cps |
| Strontium | 88-1 | 174804 | 175472 | 176818 | 175698 | 0.58 | cps |
| Sulfur | 34-1 | 181134 | 181815 | 181790 | 181579 | 0.21 | cps |
| Terbium | 159-1 | 4523004 | 4462861 | 4536655 | 4507506 | 0.87 | cps |
| Terbium | 159-2 | 3487959 | 3391595 | 3388197 | 3422584 | 1.65 | cps |
| Thallium | 203-1 | 380 | 410 | 363 | 384 | 6.15 | cps |
| Thallium | 205-1 | 890 | 863 | 903 | 886 | 2.30 | cps |
| Tin | 118-1 | 53262 | 52950 | 53552 | 53255 | 0.57 | cps |
| Titanium | 47-1 | 52404 | 52494 | 52795 | 52564 | 0.39 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015LDL | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 19:28:22 | DataFile Name : | 114SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 3644 | 3681 | 3681 | 3668 | 0.58 | cps |
| Vanadium | 51-2 | 27822 | 27645 | 27108 | 27525 | 1.35 | cps |
| Yttrium | 89-1 | 6599930 | 6488082 | 6578444 | 6555485 | 0.91 | cps |
| Yttrium | 89-2 | 2011732 | 2003108 | 2013085 | 2009308 | 0.27 | cps |
| Zinc | 66-2 | 55951 | 55981 | 55235 | 55722 | 0.76 | cps |
| Zirconium | 90-1 | 26414 | 26567 | 26277 | 26419 | 0.55 | cps |
| Zirconium | 91-1 | 5948 | 6155 | 6031 | 6045 | 1.72 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:31:41 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3208128 | 3286010 | 3226077 | 3240072 | 1.26 | cps |
| Antimony | 121-1 | 409159 | 408611 | 411714 | 409828 | 0.40 | cps |
| Arsenic | 75-2 | 31632 | 30427 | 30795 | 30951 | 2.00 | cps |
| Barium | 135-1 | 554311 | 550739 | 552264 | 552438 | 0.32 | cps |
| Barium | 137-1 | 956452 | 957286 | 967827 | 960522 | 0.66 | cps |
| Beryllium | 9-1 | 75127 | 77492 | 77515 | 76711 | 1.79 | cps |
| Bismuth | 209-1 | 2745373 | 2767164 | 2797850 | 2770129 | 0.95 | cps |
| Bismuth | 209-2 | 2540644 | 2461258 | 2520000 | 2507301 | 1.64 | cps |
| Bromine | 81-1 | 108275 | 140948 | 153108 | 134110 | 17.29 | cps |
| Bromine | 81-2 | 33384 | 34173 | 33909 | 33822 | 1.19 | cps |
| Cadmium | 108-1 | 8653 | 8523 | 8369 | 8515 | 1.67 | cps |
| Cadmium | 106-1 | 13677 | 13947 | 13219 | 13614 | 2.70 | cps |
| Cadmium | 111-1 | 122514 | 125928 | 122641 | 123694 | 1.56 | cps |
| Calcium | 43-1 | 202046 | 203148 | 204759 | 203318 | 0.67 | cps |
| Calcium | 44-1 | 3187240 | 3210716 | 3266829 | 3221595 | 1.27 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 486700 | 487174 | 482417 | 485431 | 0.54 | cps |
| Cobalt | 59-2 | 435291 | 428103 | 424204 | 429199 | 1.31 | cps |
| Copper | 63-2 | 3440055 | 3391372 | 3413553 | 3414994 | 0.71 | cps |
| Dysprosium | 156-1 | 22952 | 23814 | 23947 | 23571 | 2.29 | cps |
| Dysprosium | 156-2 | 23159 | 23166 | 23022 | 23116 | 0.35 | cps |
| Erbium | 164-1 | 22892 | 24061 | 23807 | 23587 | 2.61 | cps |
| Erbium | 164-2 | 18689 | 18315 | 18219 | 18408 | 1.35 | cps |
| Gadolinium | 160-1 | 25717 | 25002 | 25487 | 25402 | 1.44 | cps |
| Gadolinium | 160-2 | 20722 | 20619 | 20195 | 20512 | 1.36 | cps |
| Holmium | 165-1 | 4456434 | 4444920 | 4657510 | 4519621 | 2.65 | cps |
| Holmium | 165-2 | 3554544 | 3523967 | 3498785 | 3525765 | 0.79 | cps |
| Indium | 115-1 | 3638934 | 3548348 | 3657579 | 3614954 | 1.62 | cps |
| Indium | 115-2 | 1427518 | 1427771 | 1420405 | 1425231 | 0.29 | cps |
| Iron | 56-2 | 118716502 | 119769092 | 119155168 | 119213587 | 0.44 | cps |
| Iron | 57-2 | 2926166 | 2935971 | 2883840 | 2915326 | 0.95 | cps |
| Iron | 54-2 | 6637919 | 6506052 | 6444896 | 6529622 | 1.51 | cps |
| Krypton | 83-1 | 453 | 360 | 440 | 418 | 12.08 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:31:41 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3137778 | 3131867 | 3203412 | 3157686 | 1.26 | cps |
| Lead | 207-1 | 2666756 | 2642956 | 2699917 | 2669876 | 1.07 | cps |
| Lead | 208-1 | 12206825 | 12302719 | 12547932 | 12352492 | 1.42 | cps |
| Lithium | 6-1 | 587412 | 589180 | 592589 | 589727 | 0.45 | cps |
| Magnesium | 24-2 | 5075538 | 5077555 | 5054692 | 5069262 | 0.25 | cps |
| Manganese | 55-2 | 4044403 | 4040720 | 4024113 | 4036412 | 0.27 | cps |
| Molybdenum | 94-1 | 744690 | 752547 | 751925 | 749721 | 0.58 | cps |
| Molybdenum | 95-1 | 767870 | 779054 | 771097 | 772674 | 0.74 | cps |
| Molybdenum | 96-1 | 858587 | 886004 | 875192 | 873261 | 1.58 | cps |
| Molybdenum | 97-1 | 477506 | 487683 | 486167 | 483785 | 1.13 | cps |
| Molybdenum | 98-1 | 1245773 | 1264518 | 1253483 | 1254591 | 0.75 | cps |
| Neodymium | 150-1 | 35996 | 36778 | 37049 | 36608 | 1.49 | cps |
| Neodymium | 150-2 | 23764 | 24294 | 24221 | 24093 | 1.19 | cps |
| Nickel | 60-2 | 149797 | 149511 | 147533 | 148947 | 0.83 | cps |
| Phosphorus | 31-2 | 17473 | 17367 | 17256 | 17366 | 0.62 | cps |
| Potassium | 39-2 | 2261611 | 2288646 | 2275068 | 2275108 | 0.59 | cps |
| Rhodium | 103-1 | 3572969 | 3699837 | 3587181 | 3619996 | 1.92 | cps |
| Rhodium | 103-2 | 2467809 | 2469034 | 2405648 | 2447497 | 1.48 | cps |
| Scandium | 45-1 | 2281591 | 2265545 | 2312380 | 2286506 | 1.04 | cps |
| Scandium | 45-2 | 247998 | 248047 | 247605 | 247883 | 0.10 | cps |
| Selenium | 82-1 | 10894 | 10868 | 10680 | 10814 | 1.08 | cps |
| Selenium | 77-2 | 1383 | 1393 | 1520 | 1432 | 5.32 | cps |
| Selenium | 78-2 | 4751 | 4787 | 4891 | 4810 | 1.51 | cps |
| Silicon | 28-1 | 2337726 | 2300370 | 2274119 | 2304072 | 1.39 | cps |
| Silver | 107-1 | 102237 | 105131 | 102378 | 103249 | 1.58 | cps |
| Silver | 109-1 | 97251 | 97784 | 97596 | 97544 | 0.28 | cps |
| Sodium | 23-2 | 5582473 | 5592119 | 5649323 | 5607972 | 0.64 | cps |
| Strontium | 86-1 | 235882 | 241480 | 240184 | 239182 | 1.23 | cps |
| Strontium | 88-1 | 2132807 | 2200662 | 2156946 | 2163472 | 1.59 | cps |
| Sulfur | 34-1 | 347061 | 351128 | 352940 | 350377 | 0.86 | cps |
| Terbium | 159-1 | 4510479 | 4457960 | 4528825 | 4499088 | 0.82 | cps |
| Terbium | 159-2 | 3383465 | 3456001 | 3469351 | 3436272 | 1.34 | cps |
| Thallium | 203-1 | 358919 | 363424 | 363269 | 361871 | 0.71 | cps |
| Thallium | 205-1 | 857848 | 860160 | 871420 | 863143 | 0.84 | cps |
| Tin | 118-1 | 434930 | 438893 | 439101 | 437641 | 0.54 | cps |
| Titanium | 47-1 | 191687 | 196192 | 199022 | 195633 | 1.89 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:31:41 | DataFile Name : | 115SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1009703 | 1030664 | 1044840 | 1028402 | 1.72 | cps |
| Vanadium | 51-2 | 313714 | 314107 | 314031 | 313950 | 0.07 | cps |
| Yttrium | 89-1 | 6873037 | 6732302 | 6873901 | 6826413 | 1.19 | cps |
| Yttrium | 89-2 | 2098638 | 2107816 | 2116668 | 2107707 | 0.43 | cps |
| Zinc | 66-2 | 749109 | 746983 | 758853 | 751648 | 0.84 | cps |
| Zirconium | 90-1 | 831694 | 839022 | 829689 | 833468 | 0.59 | cps |
| Zirconium | 91-1 | 183636 | 186755 | 184555 | 184982 | 0.87 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:34:48 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3306409 | 3320668 | 3268565 | 3298547 | 0.82 | cps |
| Antimony | 121-1 | 413361 | 423220 | 420544 | 419042 | 1.22 | cps |
| Arsenic | 75-2 | 32119 | 31350 | 31771 | 31747 | 1.21 | cps |
| Barium | 135-1 | 561023 | 570925 | 561626 | 564525 | 0.98 | cps |
| Barium | 137-1 | 961631 | 992300 | 980606 | 978179 | 1.58 | cps |
| Beryllium | 9-1 | 77981 | 78902 | 79284 | 78722 | 0.85 | cps |
| Bismuth | 209-1 | 2666350 | 2786394 | 2738172 | 2730305 | 2.21 | cps |
| Bismuth | 209-2 | 2557575 | 2496761 | 2500155 | 2518163 | 1.36 | cps |
| Bromine | 81-1 | 116800 | 146737 | 159509 | 141015 | 15.55 | cps |
| Bromine | 81-2 | 34063 | 34891 | 35125 | 34693 | 1.61 | cps |
| Cadmium | 108-1 | 8716 | 9173 | 8839 | 8909 | 2.65 | cps |
| Cadmium | 106-1 | 14150 | 14240 | 14167 | 14186 | 0.34 | cps |
| Cadmium | 111-1 | 125655 | 126999 | 125514 | 126056 | 0.65 | cps |
| Calcium | 43-1 | 206800 | 206452 | 206685 | 206646 | 0.09 | cps |
| Calcium | 44-1 | 3242933 | 3257238 | 3260993 | 3253721 | 0.29 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 505383 | 490411 | 491714 | 495836 | 1.67 | cps |
| Cobalt | 59-2 | 439415 | 437212 | 433762 | 436796 | 0.65 | cps |
| Copper | 63-2 | 3510047 | 3500098 | 3489748 | 3499965 | 0.29 | cps |
| Dysprosium | 156-1 | 23523 | 24655 | 24178 | 24119 | 2.36 | cps |
| Dysprosium | 156-2 | 23470 | 24248 | 23733 | 23817 | 1.66 | cps |
| Erbium | 164-1 | 23416 | 24004 | 23834 | 23751 | 1.27 | cps |
| Erbium | 164-2 | 18993 | 19300 | 18152 | 18815 | 3.16 | cps |
| Gadolinium | 160-1 | 25871 | 25764 | 26569 | 26068 | 1.68 | cps |
| Gadolinium | 160-2 | 21633 | 21066 | 21129 | 21276 | 1.46 | cps |
| Holmium | 165-1 | 4473362 | 4483293 | 4516234 | 4490963 | 0.50 | cps |
| Holmium | 165-2 | 3659505 | 3498480 | 3468418 | 3542134 | 2.90 | cps |
| Indium | 115-1 | 3544876 | 3666702 | 3548636 | 3586738 | 1.93 | cps |
| Indium | 115-2 | 1439274 | 1417828 | 1401905 | 1419669 | 1.32 | cps |
| Iron | 56-2 | 123386445 | 121135548 | 120003288 | 121508427 | 1.42 | cps |
| Iron | 57-2 | 3035554 | 3011191 | 2978962 | 3008569 | 0.94 | cps |
| Iron | 54-2 | 6875667 | 6640322 | 6703898 | 6739962 | 1.81 | cps |
| Krypton | 83-1 | 430 | 387 | 333 | 383 | 12.63 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:34:48 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3136442 | 3236918 | 3323837 | 3232399 | 2.90 | cps |
| Lead | 207-1 | 2756543 | 2710390 | 2712993 | 2726642 | 0.95 | cps |
| Lead | 208-1 | 12433853 | 12500647 | 12635351 | 12523283 | 0.82 | cps |
| Lithium | 6-1 | 575161 | 585576 | 595944 | 585560 | 1.77 | cps |
| Magnesium | 24-2 | 5328316 | 5109711 | 5155972 | 5197999 | 2.22 | cps |
| Manganese | 55-2 | 4266436 | 4111976 | 4079830 | 4152747 | 2.40 | cps |
| Molybdenum | 94-1 | 768222 | 777031 | 764227 | 769826 | 0.85 | cps |
| Molybdenum | 95-1 | 782096 | 798029 | 790096 | 790074 | 1.01 | cps |
| Molybdenum | 96-1 | 896242 | 915597 | 895854 | 902564 | 1.25 | cps |
| Molybdenum | 97-1 | 487829 | 495418 | 493854 | 492367 | 0.81 | cps |
| Molybdenum | 98-1 | 1255728 | 1294659 | 1278738 | 1276375 | 1.53 | cps |
| Neodymium | 150-1 | 36898 | 37647 | 37008 | 37185 | 1.09 | cps |
| Neodymium | 150-2 | 24865 | 24087 | 24652 | 24535 | 1.64 | cps |
| Nickel | 60-2 | 152669 | 150740 | 151847 | 151752 | 0.64 | cps |
| Phosphorus | 31-2 | 17050 | 17263 | 16939 | 17084 | 0.96 | cps |
| Potassium | 39-2 | 2280885 | 2355685 | 2342998 | 2326523 | 1.72 | cps |
| Rhodium | 103-1 | 3561898 | 3618972 | 3530580 | 3570484 | 1.26 | cps |
| Rhodium | 103-2 | 2504233 | 2388559 | 2447878 | 2446890 | 2.36 | cps |
| Scandium | 45-1 | 2296292 | 2305976 | 2271333 | 2291200 | 0.78 | cps |
| Scandium | 45-2 | 248220 | 246190 | 245216 | 246542 | 0.62 | cps |
| Selenium | 82-1 | 11120 | 11466 | 11069 | 11218 | 1.93 | cps |
| Selenium | 77-2 | 1600 | 1327 | 1440 | 1456 | 9.44 | cps |
| Selenium | 78-2 | 4921 | 4894 | 4938 | 4918 | 0.44 | cps |
| Silicon | 28-1 | 2327634 | 2292317 | 2315742 | 2311898 | 0.78 | cps |
| Silver | 107-1 | 103456 | 106132 | 106162 | 105250 | 1.48 | cps |
| Silver | 109-1 | 99764 | 100945 | 100039 | 100250 | 0.62 | cps |
| Sodium | 23-2 | 5843828 | 5773657 | 5777015 | 5798167 | 0.68 | cps |
| Strontium | 86-1 | 242938 | 245705 | 244349 | 244331 | 0.57 | cps |
| Strontium | 88-1 | 2209515 | 2218544 | 2163421 | 2197160 | 1.35 | cps |
| Sulfur | 34-1 | 360225 | 356383 | 357574 | 358061 | 0.55 | cps |
| Terbium | 159-1 | 4558098 | 4468438 | 4447595 | 4491377 | 1.31 | cps |
| Terbium | 159-2 | 3421902 | 3391314 | 3286670 | 3366628 | 2.11 | cps |
| Thallium | 203-1 | 363127 | 374130 | 374177 | 370478 | 1.72 | cps |
| Thallium | 205-1 | 869806 | 884923 | 899308 | 884679 | 1.67 | cps |
| Tin | 118-1 | 440164 | 455669 | 448120 | 447984 | 1.73 | cps |
| Titanium | 47-1 | 197339 | 199428 | 202132 | 199633 | 1.20 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05MSDDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015MSD | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:34:48 | DataFile Name : | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1017086 | 1032262 | 1054353 | 1034567 | 1.81 | cps |
| Vanadium | 51-2 | 322844 | 318177 | 319175 | 320065 | 0.77 | cps |
| Yttrium | 89-1 | 6873526 | 6690602 | 6716326 | 6760151 | 1.46 | cps |
| Yttrium | 89-2 | 2102762 | 2088906 | 2030756 | 2074141 | 1.84 | cps |
| Zinc | 66-2 | 769367 | 761462 | 767395 | 766075 | 0.54 | cps |
| Zirconium | 90-1 | 847539 | 856620 | 833493 | 845884 | 1.38 | cps |
| Zirconium | 91-1 | 187664 | 190918 | 187676 | 188753 | 0.99 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015ADL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:37:53 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3010831 | 3056152 | 3099443 | 3055475 | 1.45 | cps |
| Antimony | 121-1 | 406677 | 409101 | 415344 | 410374 | 1.09 | cps |
| Arsenic | 75-2 | 27578 | 28217 | 28301 | 28032 | 1.41 | cps |
| Barium | 135-1 | 547342 | 538334 | 555287 | 546987 | 1.55 | cps |
| Barium | 137-1 | 951071 | 960443 | 964819 | 958778 | 0.73 | cps |
| Beryllium | 9-1 | 76310 | 78380 | 78467 | 77719 | 1.57 | cps |
| Bismuth | 209-1 | 2827497 | 2892951 | 2792346 | 2837598 | 1.80 | cps |
| Bismuth | 209-2 | 2546291 | 2524444 | 2590532 | 2553756 | 1.32 | cps |
| Bromine | 81-1 | 113204 | 142096 | 154345 | 136549 | 15.47 | cps |
| Bromine | 81-2 | 33705 | 33288 | 33809 | 33600 | 0.82 | cps |
| Cadmium | 108-1 | 8673 | 8539 | 8920 | 8710 | 2.21 | cps |
| Cadmium | 106-1 | 13440 | 13937 | 13626 | 13668 | 1.84 | cps |
| Cadmium | 111-1 | 123182 | 123549 | 124276 | 123669 | 0.45 | cps |
| Calcium | 43-1 | 197243 | 199703 | 201044 | 199330 | 0.97 | cps |
| Calcium | 44-1 | 3107137 | 3124954 | 3126656 | 3119583 | 0.35 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 462637 | 460195 | 467673 | 463502 | 0.82 | cps |
| Cobalt | 59-2 | 420986 | 426414 | 423808 | 423736 | 0.64 | cps |
| Copper | 63-2 | 3301447 | 3367868 | 3301447 | 3323587 | 1.15 | cps |
| Dysprosium | 156-1 | 21650 | 22498 | 22552 | 22233 | 2.27 | cps |
| Dysprosium | 156-2 | 21877 | 21496 | 21874 | 21749 | 1.01 | cps |
| Erbium | 164-1 | 21921 | 22031 | 21790 | 21914 | 0.55 | cps |
| Erbium | 164-2 | 16980 | 16864 | 17054 | 16966 | 0.57 | cps |
| Gadolinium | 160-1 | 23991 | 23984 | 24321 | 24099 | 0.80 | cps |
| Gadolinium | 160-2 | 19560 | 19060 | 19624 | 19415 | 1.59 | cps |
| Holmium | 165-1 | 4379743 | 4441660 | 4511240 | 4444214 | 1.48 | cps |
| Holmium | 165-2 | 3519449 | 3542229 | 3508926 | 3523535 | 0.48 | cps |
| Indium | 115-1 | 3592802 | 3526661 | 3579176 | 3566213 | 0.98 | cps |
| Indium | 115-2 | 1437694 | 1412056 | 1440160 | 1429970 | 1.09 | cps |
| Iron | 56-2 | 110762678 | 107848478 | 110157442 | 109589533 | 1.40 | cps |
| Iron | 57-2 | 2683596 | 2645041 | 2754697 | 2694445 | 2.06 | cps |
| Iron | 54-2 | 5998181 | 5947127 | 6101326 | 6015545 | 1.31 | cps |
| Krypton | 83-1 | 397 | 337 | 397 | 377 | 9.20 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015ADL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:37:53 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3157477 | 3150291 | 3104649 | 3137472 | 0.91 | cps |
| Lead | 207-1 | 2545778 | 2546642 | 2577803 | 2556741 | 0.71 | cps |
| Lead | 208-1 | 12081397 | 11910094 | 11944242 | 11978578 | 0.76 | cps |
| Lithium | 6-1 | 588693 | 593722 | 593035 | 591817 | 0.46 | cps |
| Magnesium | 24-2 | 4991084 | 4892654 | 4877064 | 4920267 | 1.26 | cps |
| Manganese | 55-2 | 3892976 | 3849269 | 3924781 | 3889009 | 0.97 | cps |
| Molybdenum | 94-1 | 759096 | 759293 | 760635 | 759675 | 0.11 | cps |
| Molybdenum | 95-1 | 779610 | 787833 | 788446 | 785296 | 0.63 | cps |
| Molybdenum | 96-1 | 887823 | 905402 | 900215 | 897814 | 1.01 | cps |
| Molybdenum | 97-1 | 486839 | 490188 | 492347 | 489791 | 0.57 | cps |
| Molybdenum | 98-1 | 1258757 | 1256402 | 1258447 | 1257869 | 0.10 | cps |
| Neodymium | 150-1 | 34422 | 33664 | 33827 | 33971 | 1.17 | cps |
| Neodymium | 150-2 | 22208 | 22084 | 22652 | 22314 | 1.34 | cps |
| Nickel | 60-2 | 144039 | 146759 | 146159 | 145652 | 0.98 | cps |
| Phosphorus | 31-2 | 16295 | 15718 | 15888 | 15967 | 1.86 | cps |
| Potassium | 39-2 | 2228773 | 2211591 | 2261841 | 2234068 | 1.14 | cps |
| Rhodium | 103-1 | 3559530 | 3660220 | 3484332 | 3568027 | 2.47 | cps |
| Rhodium | 103-2 | 2464985 | 2425052 | 2504005 | 2464681 | 1.60 | cps |
| Scandium | 45-1 | 2301295 | 2251812 | 2307391 | 2286833 | 1.33 | cps |
| Scandium | 45-2 | 247749 | 243310 | 248842 | 246634 | 1.19 | cps |
| Selenium | 82-1 | 10868 | 11028 | 11188 | 11028 | 1.45 | cps |
| Selenium | 77-2 | 1543 | 1407 | 1517 | 1489 | 4.87 | cps |
| Selenium | 78-2 | 4928 | 4541 | 5001 | 4823 | 5.13 | cps |
| Silicon | 28-1 | 2954518 | 3019391 | 2999687 | 2991199 | 1.11 | cps |
| Silver | 107-1 | 102146 | 101905 | 104979 | 103010 | 1.66 | cps |
| Silver | 109-1 | 97557 | 98677 | 96787 | 97674 | 0.97 | cps |
| Sodium | 23-2 | 5496783 | 5488896 | 5567699 | 5517793 | 0.79 | cps |
| Strontium | 86-1 | 232769 | 231707 | 231919 | 232132 | 0.24 | cps |
| Strontium | 88-1 | 2122718 | 2129502 | 2152887 | 2135036 | 0.74 | cps |
| Sulfur | 34-1 | 325708 | 326575 | 329104 | 327129 | 0.54 | cps |
| Terbium | 159-1 | 4546738 | 4605698 | 4661803 | 4604746 | 1.25 | cps |
| Terbium | 159-2 | 3431177 | 3404740 | 3470666 | 3435528 | 0.97 | cps |
| Thallium | 203-1 | 358499 | 371843 | 374569 | 368304 | 2.34 | cps |
| Thallium | 205-1 | 879629 | 886498 | 891965 | 886031 | 0.70 | cps |
| Tin | 118-1 | 429668 | 428167 | 440957 | 432930 | 1.61 | cps |
| Titanium | 47-1 | 195264 | 194903 | 195700 | 195289 | 0.20 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3363-05ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | COMP01-20251015ADL | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:37:53 | DataFile Name : | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1026578 | 1065597 | 1059787 | 1050654 | 2.00 | cps |
| Vanadium | 51-2 | 303389 | 304464 | 309028 | 305627 | 0.98 | cps |
| Yttrium | 89-1 | 6743746 | 6776888 | 6855170 | 6791935 | 0.84 | cps |
| Yttrium | 89-2 | 2070675 | 2105420 | 2109300 | 2095131 | 1.02 | cps |
| Zinc | 66-2 | 733072 | 735526 | 742825 | 737141 | 0.69 | cps |
| Zirconium | 90-1 | 819919 | 829099 | 823527 | 824182 | 0.56 | cps |
| Zirconium | 91-1 | 181289 | 185545 | 184993 | 183942 | 1.26 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:41:00 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1719997 | 1739087 | 1746159 | 1735081 | 0.78 | cps |
| Antimony | 121-1 | 1640 | 1877 | 1817 | 1778 | 6.92 | cps |
| Arsenic | 75-2 | 10018 | 9833 | 9801 | 9884 | 1.18 | cps |
| Barium | 135-1 | 215767 | 214828 | 219234 | 216610 | 1.07 | cps |
| Barium | 137-1 | 369314 | 377070 | 376455 | 374280 | 1.15 | cps |
| Beryllium | 9-1 | 1080 | 1123 | 1150 | 1118 | 3.16 | cps |
| Bismuth | 209-1 | 2863169 | 2816134 | 2858986 | 2846096 | 0.91 | cps |
| Bismuth | 209-2 | 2600459 | 2602951 | 2672885 | 2625432 | 1.57 | cps |
| Bromine | 81-1 | 87697 | 105259 | 115064 | 102674 | 13.50 | cps |
| Bromine | 81-2 | 23940 | 23435 | 23833 | 23736 | 1.12 | cps |
| Cadmium | 108-1 | 987 | 1103 | 1007 | 1032 | 6.04 | cps |
| Cadmium | 106-1 | 2844 | 3020 | 2734 | 2866 | 5.05 | cps |
| Cadmium | 111-1 | 14102 | 13874 | 14148 | 14041 | 1.05 | cps |
| Calcium | 43-1 | 75467 | 75926 | 76656 | 76016 | 0.79 | cps |
| Calcium | 44-1 | 1165220 | 1203282 | 1218321 | 1195608 | 2.29 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 666838 | 664579 | 667664 | 666360 | 0.24 | cps |
| Cobalt | 59-2 | 57543 | 57734 | 56887 | 57388 | 0.77 | cps |
| Copper | 63-2 | 1031717 | 1032015 | 1038747 | 1034160 | 0.38 | cps |
| Dysprosium | 156-1 | 14394 | 14097 | 14214 | 14235 | 1.05 | cps |
| Dysprosium | 156-2 | 14087 | 14518 | 14618 | 14407 | 1.96 | cps |
| Erbium | 164-1 | 13974 | 13697 | 13810 | 13827 | 1.01 | cps |
| Erbium | 164-2 | 10998 | 10671 | 10754 | 10808 | 1.57 | cps |
| Gadolinium | 160-1 | 14725 | 15042 | 15125 | 14964 | 1.41 | cps |
| Gadolinium | 160-2 | 12579 | 12666 | 12319 | 12521 | 1.44 | cps |
| Holmium | 165-1 | 4602971 | 4484590 | 4497896 | 4528485 | 1.43 | cps |
| Holmium | 165-2 | 3576733 | 3576581 | 3574198 | 3575837 | 0.04 | cps |
| Indium | 115-1 | 3680536 | 3671455 | 3675365 | 3675785 | 0.12 | cps |
| Indium | 115-2 | 1444737 | 1434964 | 1449840 | 1443180 | 0.52 | cps |
| Iron | 56-2 | 71188784 | 72759992 | 72616831 | 72188536 | 1.20 | cps |
| Iron | 57-2 | 1732172 | 1760822 | 1730541 | 1741178 | 0.98 | cps |
| Iron | 54-2 | 3954954 | 3914031 | 4008382 | 3959122 | 1.20 | cps |
| Krypton | 83-1 | 367 | 423 | 387 | 392 | 7.33 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:41:00 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1888149 | 1904990 | 1894037 | 1895725 | 0.45 | cps |
| Lead | 207-1 | 1360033 | 1382010 | 1368372 | 1370138 | 0.81 | cps |
| Lead | 208-1 | 7011816 | 7075909 | 6994563 | 7027429 | 0.61 | cps |
| Lithium | 6-1 | 592498 | 597460 | 596753 | 595570 | 0.45 | cps |
| Magnesium | 24-2 | 2245419 | 2135069 | 2217545 | 2199344 | 2.61 | cps |
| Manganese | 55-2 | 592287 | 591402 | 595746 | 593145 | 0.39 | cps |
| Molybdenum | 94-1 | 36432 | 37154 | 36773 | 36786 | 0.98 | cps |
| Molybdenum | 95-1 | 10324 | 10357 | 10427 | 10369 | 0.51 | cps |
| Molybdenum | 96-1 | 16306 | 16279 | 16242 | 16276 | 0.20 | cps |
| Molybdenum | 97-1 | 6575 | 6732 | 6595 | 6634 | 1.29 | cps |
| Molybdenum | 98-1 | 17170 | 17200 | 16753 | 17041 | 1.47 | cps |
| Neodymium | 150-1 | 23313 | 23309 | 23473 | 23365 | 0.40 | cps |
| Neodymium | 150-2 | 15232 | 15495 | 15202 | 15310 | 1.06 | cps |
| Nickel | 60-2 | 91568 | 92067 | 91564 | 91733 | 0.32 | cps |
| Phosphorus | 31-2 | 11778 | 11745 | 11778 | 11767 | 0.16 | cps |
| Potassium | 39-2 | 776128 | 775096 | 782374 | 777866 | 0.51 | cps |
| Rhodium | 103-1 | 3645640 | 3711890 | 3723488 | 3693673 | 1.14 | cps |
| Rhodium | 103-2 | 2485898 | 2448405 | 2480898 | 2471734 | 0.82 | cps |
| Scandium | 45-1 | 2299459 | 2280582 | 2303579 | 2294540 | 0.53 | cps |
| Scandium | 45-2 | 246583 | 247049 | 248285 | 247306 | 0.36 | cps |
| Selenium | 82-1 | 547 | 448 | 511 | 502 | 9.94 | cps |
| Selenium | 77-2 | 83 | 107 | 117 | 102 | 16.74 | cps |
| Selenium | 78-2 | 450 | 410 | 483 | 448 | 8.20 | cps |
| Silicon | 28-1 | 2403213 | 2379549 | 2367550 | 2383437 | 0.76 | cps |
| Silver | 107-1 | 39383 | 39624 | 40025 | 39678 | 0.82 | cps |
| Silver | 109-1 | 36422 | 37194 | 37642 | 37086 | 1.66 | cps |
| Sodium | 23-2 | 3049496 | 3063587 | 3005137 | 3039407 | 1.00 | cps |
| Strontium | 86-1 | 83308 | 84283 | 84441 | 84011 | 0.73 | cps |
| Strontium | 88-1 | 726343 | 729706 | 736311 | 730787 | 0.69 | cps |
| Sulfur | 34-1 | 467300 | 464666 | 465581 | 465849 | 0.29 | cps |
| Terbium | 159-1 | 4521389 | 4572763 | 4591972 | 4562041 | 0.80 | cps |
| Terbium | 159-2 | 3468337 | 3409208 | 3506023 | 3461189 | 1.41 | cps |
| Thallium | 203-1 | 1690 | 1570 | 1743 | 1668 | 5.32 | cps |
| Thallium | 205-1 | 3977 | 4221 | 3907 | 4035 | 4.08 | cps |
| Tin | 118-1 | 142652 | 143106 | 145080 | 143613 | 0.90 | cps |
| Titanium | 47-1 | 219197 | 220086 | 219438 | 219574 | 0.21 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-000057-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:41:00 | DataFile Name : | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 22860 | 22981 | 23024 | 22955 | 0.37 | cps |
| Vanadium | 51-2 | 116832 | 115364 | 116243 | 116146 | 0.64 | cps |
| Yttrium | 89-1 | 6739019 | 6782512 | 6677397 | 6732976 | 0.78 | cps |
| Yttrium | 89-2 | 2091501 | 2027186 | 2052245 | 2056977 | 1.58 | cps |
| Zinc | 66-2 | 410042 | 413535 | 413329 | 412302 | 0.48 | cps |
| Zirconium | 90-1 | 83473 | 83999 | 83845 | 83772 | 0.32 | cps |
| Zirconium | 91-1 | 18712 | 18785 | 18375 | 18624 | 1.18 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:44:13 | DataFile Name : | 119CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7087665 | 7370906 | 7241126 | 7233232 | 1.96 | cps |
| Antimony | 121-1 | 2279612 | 2300998 | 2341601 | 2307403 | 1.36 | cps |
| Arsenic | 75-2 | 182868 | 184436 | 182290 | 183198 | 0.61 | cps |
| Barium | 135-1 | 2653937 | 2696536 | 2727913 | 2692795 | 1.38 | cps |
| Barium | 137-1 | 4603910 | 4666076 | 4618024 | 4629336 | 0.70 | cps |
| Beryllium | 9-1 | 407270 | 412317 | 412453 | 410680 | 0.72 | cps |
| Bismuth | 209-1 | 2755017 | 2775696 | 2854844 | 2795186 | 1.89 | cps |
| Bismuth | 209-2 | 2433755 | 2454431 | 2434062 | 2440750 | 0.49 | cps |
| Bromine | 81-1 | 16903 | 16119 | 15962 | 16328 | 3.09 | cps |
| Bromine | 81-2 | 1497 | 1597 | 1497 | 1530 | 3.77 | cps |
| Cadmium | 108-1 | 45632 | 45789 | 46384 | 45935 | 0.86 | cps |
| Cadmium | 106-1 | 64747 | 65644 | 64442 | 64945 | 0.96 | cps |
| Cadmium | 111-1 | 626515 | 630375 | 632683 | 629858 | 0.49 | cps |
| Calcium | 43-1 | 3143487 | 3197816 | 3194777 | 3178693 | 0.96 | cps |
| Calcium | 44-1 | 51241659 | 50668089 | 51631694 | 51180481 | 0.95 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1248286 | 1266726 | 1257684 | 1257566 | 0.73 | cps |
| Cobalt | 59-2 | 1903701 | 1932672 | 1935422 | 1923932 | 0.91 | cps |
| Copper | 63-2 | 14889261 | 14759905 | 15062821 | 14903996 | 1.02 | cps |
| Dysprosium | 156-1 | 170 | 153 | 200 | 174 | 13.55 | cps |
| Dysprosium | 156-2 | 290 | 320 | 327 | 312 | 6.25 | cps |
| Erbium | 164-1 | 243 | 290 | 290 | 274 | 9.82 | cps |
| Erbium | 164-2 | 230 | 237 | 170 | 212 | 17.30 | cps |
| Gadolinium | 160-1 | 197 | 173 | 170 | 180 | 8.07 | cps |
| Gadolinium | 160-2 | 357 | 377 | 370 | 368 | 2.77 | cps |
| Holmium | 165-1 | 4626723 | 4732981 | 4595117 | 4651607 | 1.55 | cps |
| Holmium | 165-2 | 3587237 | 3600677 | 3559634 | 3582516 | 0.58 | cps |
| Indium | 115-1 | 3531449 | 3562904 | 3474819 | 3523057 | 1.27 | cps |
| Indium | 115-2 | 1377714 | 1393762 | 1380408 | 1383961 | 0.62 | cps |
| Iron | 56-2 | 292397656 | 285397182 | 284613202 | 287469347 | 1.49 | cps |
| Iron | 57-2 | 7159948 | 7193439 | 7094410 | 7149266 | 0.70 | cps |
| Iron | 54-2 | 16017113 | 15382123 | 15851048 | 15750095 | 2.09 | cps |
| Krypton | 83-1 | 450 | 450 | 310 | 403 | 20.04 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:44:13 | DataFile Name : | 119CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 8855223 | 8977486 | 9222723 | 9018478 | 2.08 | cps |
| Lead | 207-1 | 7519979 | 7649391 | 7643074 | 7604148 | 0.96 | cps |
| Lead | 208-1 | 35065175 | 35162293 | 35541273 | 35256247 | 0.71 | cps |
| Lithium | 6-1 | 596435 | 604656 | 609560 | 603550 | 1.10 | cps |
| Magnesium | 24-2 | 62708947 | 67428559 | 64675817 | 64937775 | 3.65 | cps |
| Manganese | 55-2 | 10329674 | 10348990 | 10474013 | 10384226 | 0.75 | cps |
| Molybdenum | 94-1 | 8428359 | 8486488 | 8530449 | 8481765 | 0.60 | cps |
| Molybdenum | 95-1 | 12012329 | 12226006 | 12082806 | 12107047 | 0.90 | cps |
| Molybdenum | 96-1 | 12894203 | 13099796 | 13076392 | 13023464 | 0.86 | cps |
| Molybdenum | 97-1 | 7291293 | 7486186 | 7421638 | 7399706 | 1.34 | cps |
| Molybdenum | 98-1 | 19451594 | 19438956 | 19497758 | 19462769 | 0.16 | cps |
| Neodymium | 150-1 | 157 | 150 | 147 | 151 | 3.37 | cps |
| Neodymium | 150-2 | 70 | 73 | 77 | 73 | 4.55 | cps |
| Nickel | 60-2 | 485012 | 488046 | 485956 | 486338 | 0.32 | cps |
| Phosphorus | 31-2 | 83845 | 86191 | 84381 | 84806 | 1.45 | cps |
| Potassium | 39-2 | 33375300 | 33768360 | 33412835 | 33518832 | 0.65 | cps |
| Rhodium | 103-1 | 3518299 | 3487683 | 3504631 | 3503538 | 0.44 | cps |
| Rhodium | 103-2 | 2329660 | 2393822 | 2357732 | 2360405 | 1.36 | cps |
| Scandium | 45-1 | 2208957 | 2220154 | 2227693 | 2218935 | 0.42 | cps |
| Scandium | 45-2 | 235630 | 242411 | 240938 | 239659 | 1.49 | cps |
| Selenium | 82-1 | 52133 | 51930 | 52521 | 52195 | 0.58 | cps |
| Selenium | 77-2 | 6235 | 6305 | 6231 | 6257 | 0.66 | cps |
| Selenium | 78-2 | 21122 | 20992 | 21479 | 21198 | 1.19 | cps |
| Silicon | 28-1 | 23559084 | 23796061 | 23889463 | 23748203 | 0.72 | cps |
| Silver | 107-1 | 3105091 | 3149404 | 3143821 | 3132772 | 0.77 | cps |
| Silver | 109-1 | 2968683 | 2951108 | 3064187 | 2994659 | 2.03 | cps |
| Sodium | 23-2 | 100312155 | 100094879 | 102097818 | 100834951 | 1.09 | cps |
| Strontium | 86-1 | 740349 | 749613 | 750243 | 746735 | 0.74 | cps |
| Strontium | 88-1 | 6772604 | 6859331 | 6718773 | 6783569 | 1.05 | cps |
| Sulfur | 34-1 | 376820 | 376352 | 382164 | 378445 | 0.85 | cps |
| Terbium | 159-1 | 4557272 | 4653053 | 4587859 | 4599395 | 1.06 | cps |
| Terbium | 159-2 | 3439571 | 3436529 | 3478608 | 3451569 | 0.68 | cps |
| Thallium | 203-1 | 2161331 | 2214490 | 2191979 | 2189267 | 1.22 | cps |
| Thallium | 205-1 | 5320558 | 5260376 | 5446016 | 5342317 | 1.77 | cps |
| Tin | 118-1 | 1849522 | 1937751 | 1897677 | 1894983 | 2.33 | cps |
| Titanium | 47-1 | 3167526 | 3181991 | 3248751 | 3199422 | 1.35 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:44:13 | DataFile Name : | 119CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6517038 | 6654804 | 6698369 | 6623404 | 1.43 | cps |
| Vanadium | 51-2 | 1038326 | 1063248 | 1042316 | 1047963 | 1.28 | cps |
| Yttrium | 89-1 | 6627056 | 6438263 | 6461575 | 6508965 | 1.58 | cps |
| Yttrium | 89-2 | 1951453 | 1937623 | 1977225 | 1955434 | 1.03 | cps |
| Zinc | 66-2 | 2775418 | 2831090 | 2751711 | 2786073 | 1.46 | cps |
| Zirconium | 90-1 | 4205523 | 4203900 | 4222141 | 4210522 | 0.24 | cps |
| Zirconium | 91-1 | 898872 | 907079 | 915231 | 907060 | 0.90 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:52:23 | DataFile Name : | 120CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 450 | 433 | 453 | 446 | 2.41 | cps |
| Antimony | 121-1 | 317 | 327 | 290 | 311 | 6.09 | cps |
| Arsenic | 75-2 | 5 | 8 | 1 | 4 | 74.58 | cps |
| Barium | 135-1 | 33 | 37 | 33 | 34 | 5.60 | cps |
| Barium | 137-1 | 27 | 30 | 53 | 37 | 39.62 | cps |
| Beryllium | 9-1 | 27 | 17 | 33 | 26 | 32.81 | cps |
| Bismuth | 209-1 | 2815676 | 2793636 | 2795384 | 2801566 | 0.44 | cps |
| Bismuth | 209-2 | 2572638 | 2530243 | 2538731 | 2547204 | 0.88 | cps |
| Bromine | 81-1 | 8513 | 8449 | 8626 | 8529 | 1.05 | cps |
| Bromine | 81-2 | 433 | 443 | 417 | 431 | 3.12 | cps |
| Cadmium | 108-1 | 7 | 0 | 0 | 2 | 173.21 | cps |
| Cadmium | 106-1 | 1340 | 1343 | 1393 | 1359 | 2.20 | cps |
| Cadmium | 111-1 | 947 | 977 | 1002 | 975 | 2.84 | cps |
| Calcium | 43-1 | 167 | 130 | 153 | 150 | 12.37 | cps |
| Calcium | 44-1 | 15168 | 15238 | 15345 | 15250 | 0.58 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1423 | 1443 | 1340 | 1402 | 3.91 | cps |
| Cobalt | 59-2 | 83 | 67 | 63 | 71 | 15.07 | cps |
| Copper | 63-2 | 937 | 940 | 877 | 918 | 3.88 | cps |
| Dysprosium | 156-1 | 10 | 0 | 3 | 4 | 114.60 | cps |
| Dysprosium | 156-2 | 0 | 0 | 0 | 0 | 0.00 | cps |
| Erbium | 164-1 | 27 | 20 | 10 | 19 | 44.42 | cps |
| Erbium | 164-2 | 17 | 17 | 17 | 17 | 0.00 | cps |
| Gadolinium | 160-1 | 57 | 10 | 17 | 28 | 90.86 | cps |
| Gadolinium | 160-2 | 253 | 233 | 243 | 243 | 4.11 | cps |
| Holmium | 165-1 | 4414038 | 4365293 | 4275545 | 4351625 | 1.61 | cps |
| Holmium | 165-2 | 3391860 | 3445885 | 3421275 | 3419673 | 0.79 | cps |
| Indium | 115-1 | 3560475 | 3471700 | 3591573 | 3541249 | 1.76 | cps |
| Indium | 115-2 | 1385607 | 1376441 | 1390673 | 1384240 | 0.52 | cps |
| Iron | 56-2 | 23538 | 23318 | 23251 | 23369 | 0.64 | cps |
| Iron | 57-2 | 1490 | 1530 | 1553 | 1524 | 2.10 | cps |
| Iron | 54-2 | 2257 | 2220 | 2170 | 2216 | 1.96 | cps |
| Krypton | 83-1 | 340 | 373 | 400 | 371 | 8.10 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:52:23 | DataFile Name : | 120CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 450 | 463 | 540 | 484 | 10.03 | cps |
| Lead | 207-1 | 397 | 403 | 430 | 410 | 4.30 | cps |
| Lead | 208-1 | 1770 | 1920 | 1927 | 1872 | 4.73 | cps |
| Lithium | 6-1 | 565779 | 566204 | 563836 | 565273 | 0.22 | cps |
| Magnesium | 24-2 | 320 | 410 | 333 | 354 | 13.70 | cps |
| Manganese | 55-2 | 650 | 573 | 560 | 594 | 8.17 | cps |
| Molybdenum | 94-1 | 247 | 250 | 263 | 253 | 3.48 | cps |
| Molybdenum | 95-1 | 200 | 193 | 190 | 194 | 2.62 | cps |
| Molybdenum | 96-1 | 247 | 267 | 207 | 240 | 12.73 | cps |
| Molybdenum | 97-1 | 120 | 140 | 120 | 127 | 9.12 | cps |
| Molybdenum | 98-1 | 273 | 360 | 320 | 318 | 13.65 | cps |
| Neodymium | 150-1 | 0 | 13 | 7 | 7 | 99.98 | cps |
| Neodymium | 150-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Nickel | 60-2 | 280 | 383 | 337 | 333 | 15.52 | cps |
| Phosphorus | 31-2 | 323 | 327 | 350 | 333 | 4.36 | cps |
| Potassium | 39-2 | 57558 | 57716 | 57221 | 57498 | 0.44 | cps |
| Rhodium | 103-1 | 3528510 | 3546827 | 3480840 | 3518726 | 0.97 | cps |
| Rhodium | 103-2 | 2443580 | 2381611 | 2397910 | 2407700 | 1.33 | cps |
| Scandium | 45-1 | 2158016 | 2131894 | 2116506 | 2135472 | 0.98 | cps |
| Scandium | 45-2 | 229923 | 227696 | 229139 | 228919 | 0.49 | cps |
| Selenium | 82-1 | 244 | 258 | 165 | 222 | 22.36 | cps |
| Selenium | 77-2 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Selenium | 78-2 | 327 | 270 | 257 | 284 | 13.07 | cps |
| Silicon | 28-1 | 595657 | 581970 | 585249 | 587625 | 1.22 | cps |
| Silver | 107-1 | 83 | 93 | 90 | 89 | 5.73 | cps |
| Silver | 109-1 | 77 | 43 | 53 | 58 | 29.61 | cps |
| Sodium | 23-2 | 33490 | 34495 | 33774 | 33920 | 1.53 | cps |
| Strontium | 86-1 | 607 | 533 | 570 | 570 | 6.43 | cps |
| Strontium | 88-1 | 167 | 93 | 137 | 132 | 27.89 | cps |
| Sulfur | 34-1 | 151882 | 152936 | 152472 | 152430 | 0.35 | cps |
| Terbium | 159-1 | 4418397 | 4330558 | 4481319 | 4410091 | 1.72 | cps |
| Terbium | 159-2 | 3388403 | 3267949 | 3246900 | 3301084 | 2.31 | cps |
| Thallium | 203-1 | 270 | 243 | 240 | 251 | 6.55 | cps |
| Thallium | 205-1 | 567 | 507 | 487 | 520 | 8.01 | cps |
| Tin | 118-1 | 1203 | 1237 | 1240 | 1227 | 1.65 | cps |
| Titanium | 47-1 | 73 | 47 | 33 | 51 | 39.85 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB08 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB08 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 19:52:23 | DataFile Name : | 120CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33 | 7 | 23 | 21 | 63.80 | cps |
| Vanadium | 51-2 | 20 | 0 | 20 | 13 | 86.60 | cps |
| Yttrium | 89-1 | 6210932 | 6136154 | 6326007 | 6224364 | 1.54 | cps |
| Yttrium | 89-2 | 1913474 | 1921610 | 1901590 | 1912225 | 0.53 | cps |
| Zinc | 66-2 | 1337 | 1327 | 1273 | 1312 | 2.59 | cps |
| Zirconium | 90-1 | 360 | 410 | 390 | 387 | 6.51 | cps |
| Zirconium | 91-1 | 70 | 70 | 77 | 72 | 5.33 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:57:05 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2683400 | 2679995 | 2614765 | 2659387 | 1.45 | cps |
| Antimony | 121-1 | 1773 | 1760 | 1947 | 1827 | 5.71 | cps |
| Arsenic | 75-2 | 17948 | 18048 | 18538 | 18178 | 1.74 | cps |
| Barium | 135-1 | 495610 | 502959 | 503513 | 500694 | 0.88 | cps |
| Barium | 137-1 | 857309 | 864828 | 871540 | 864559 | 0.82 | cps |
| Beryllium | 9-1 | 1627 | 1437 | 1540 | 1535 | 6.20 | cps |
| Bismuth | 209-1 | 2891203 | 2788496 | 2778714 | 2819471 | 2.21 | cps |
| Bismuth | 209-2 | 2454970 | 2500579 | 2506404 | 2487318 | 1.13 | cps |
| Bromine | 81-1 | 91257 | 117971 | 133619 | 114282 | 18.74 | cps |
| Bromine | 81-2 | 28758 | 28728 | 29025 | 28837 | 0.57 | cps |
| Cadmium | 108-1 | 1663 | 1737 | 1907 | 1769 | 7.06 | cps |
| Cadmium | 106-1 | 3817 | 3687 | 3767 | 3757 | 1.75 | cps |
| Cadmium | 111-1 | 23965 | 23466 | 23553 | 23661 | 1.13 | cps |
| Calcium | 43-1 | 219728 | 220549 | 223012 | 221097 | 0.77 | cps |
| Calcium | 44-1 | 3429681 | 3477878 | 3604272 | 3503944 | 2.57 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1196666 | 1189839 | 1217768 | 1201424 | 1.21 | cps |
| Cobalt | 59-2 | 92322 | 90598 | 90884 | 91268 | 1.01 | cps |
| Copper | 63-2 | 1793100 | 1844110 | 1818074 | 1818428 | 1.40 | cps |
| Dysprosium | 156-1 | 22251 | 21744 | 22495 | 22163 | 1.73 | cps |
| Dysprosium | 156-2 | 22017 | 21390 | 21523 | 21643 | 1.53 | cps |
| Erbium | 164-1 | 22335 | 22689 | 21914 | 22312 | 1.74 | cps |
| Erbium | 164-2 | 17207 | 16577 | 17374 | 17053 | 2.47 | cps |
| Gadolinium | 160-1 | 23012 | 23002 | 23113 | 23042 | 0.26 | cps |
| Gadolinium | 160-2 | 19023 | 19260 | 19627 | 19303 | 1.58 | cps |
| Holmium | 165-1 | 4528702 | 4348118 | 4417965 | 4431595 | 2.05 | cps |
| Holmium | 165-2 | 3556431 | 3421141 | 3466111 | 3481228 | 1.98 | cps |
| Indium | 115-1 | 3477786 | 3444173 | 3487717 | 3469892 | 0.66 | cps |
| Indium | 115-2 | 1361390 | 1369297 | 1374320 | 1368336 | 0.48 | cps |
| Iron | 56-2 | 118222718 | 119690545 | 118059458 | 118657574 | 0.76 | cps |
| Iron | 57-2 | 2961271 | 2868809 | 2918951 | 2916344 | 1.59 | cps |
| Iron | 54-2 | 6665226 | 6543583 | 6592477 | 6600429 | 0.93 | cps |
| Krypton | 83-1 | 367 | 320 | 393 | 360 | 10.31 | cps |

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:57:05 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 4699900 | 4632449 | 4634809 | 4655719 | 0.82 | cps |
| Lead | 207-1 | 3799521 | 3750996 | 3753704 | 3768074 | 0.72 | cps |
| Lead | 208-1 | 17658871 | 17607694 | 17635655 | 17634073 | 0.15 | cps |
| Lithium | 6-1 | 586462 | 577593 | 581318 | 581791 | 0.77 | cps |
| Magnesium | 24-2 | 3809751 | 3787004 | 3736306 | 3777687 | 1.00 | cps |
| Manganese | 55-2 | 888261 | 881749 | 893469 | 887826 | 0.66 | cps |
| Molybdenum | 94-1 | 57138 | 56817 | 56673 | 56876 | 0.42 | cps |
| Molybdenum | 95-1 | 15495 | 15498 | 15335 | 15443 | 0.61 | cps |
| Molybdenum | 96-1 | 23512 | 25279 | 25255 | 24682 | 4.10 | cps |
| Molybdenum | 97-1 | 9520 | 9817 | 9827 | 9721 | 1.79 | cps |
| Molybdenum | 98-1 | 25235 | 25222 | 25292 | 25250 | 0.15 | cps |
| Neodymium | 150-1 | 35080 | 34726 | 35180 | 34996 | 0.68 | cps |
| Neodymium | 150-2 | 22832 | 22288 | 22825 | 22648 | 1.38 | cps |
| Nickel | 60-2 | 160864 | 161321 | 160126 | 160770 | 0.37 | cps |
| Phosphorus | 31-2 | 21318 | 21135 | 21428 | 21294 | 0.70 | cps |
| Potassium | 39-2 | 1121681 | 1124511 | 1141136 | 1129109 | 0.93 | cps |
| Rhodium | 103-1 | 3480682 | 3495911 | 3402028 | 3459541 | 1.46 | cps |
| Rhodium | 103-2 | 2385629 | 2365136 | 2420514 | 2390426 | 1.17 | cps |
| Scandium | 45-1 | 2189926 | 2173698 | 2215207 | 2192943 | 0.95 | cps |
| Scandium | 45-2 | 232216 | 235249 | 233641 | 233702 | 0.65 | cps |
| Selenium | 82-1 | 790 | 792 | 699 | 761 | 6.98 | cps |
| Selenium | 77-2 | 210 | 203 | 173 | 196 | 9.99 | cps |
| Selenium | 78-2 | 613 | 630 | 590 | 611 | 3.29 | cps |
| Silicon | 28-1 | 1256489 | 1303168 | 1277569 | 1279075 | 1.83 | cps |
| Silver | 107-1 | 55238 | 55188 | 54953 | 55126 | 0.28 | cps |
| Silver | 109-1 | 51712 | 52113 | 53622 | 52482 | 1.92 | cps |
| Sodium | 23-2 | 5161826 | 5222473 | 5270349 | 5218216 | 1.04 | cps |
| Strontium | 86-1 | 195779 | 199776 | 201253 | 198936 | 1.42 | cps |
| Strontium | 88-1 | 1810503 | 1821588 | 1855753 | 1829281 | 1.29 | cps |
| Sulfur | 34-1 | 750664 | 745747 | 751254 | 749222 | 0.40 | cps |
| Terbium | 159-1 | 4522422 | 4349016 | 4505316 | 4458918 | 2.14 | cps |
| Terbium | 159-2 | 3354905 | 3343865 | 3364388 | 3354386 | 0.31 | cps |
| Thallium | 203-1 | 2537 | 2367 | 2400 | 2435 | 3.70 | cps |
| Thallium | 205-1 | 5668 | 5805 | 5535 | 5669 | 2.38 | cps |
| Tin | 118-1 | 225671 | 229865 | 229719 | 228418 | 1.04 | cps |
| Titanium | 47-1 | 278832 | 281435 | 280918 | 280395 | 0.49 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3375-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP02-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 19:57:05 | DataFile Name : | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 42469 | 43747 | 43473 | 43230 | 1.56 | cps |
| Vanadium | 51-2 | 214882 | 216715 | 215933 | 215843 | 0.43 | cps |
| Yttrium | 89-1 | 6598854 | 6498760 | 6561213 | 6552942 | 0.77 | cps |
| Yttrium | 89-2 | 1988273 | 2013647 | 1987654 | 1996525 | 0.74 | cps |
| Zinc | 66-2 | 729836 | 730351 | 736520 | 732236 | 0.51 | cps |
| Zirconium | 90-1 | 129837 | 133801 | 131631 | 131756 | 1.51 | cps |
| Zirconium | 91-1 | 29577 | 28732 | 29256 | 29188 | 1.46 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:00:14 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2014715 | 2000171 | 2026604 | 2013830 | 0.66 | cps |
| Antimony | 121-1 | 1603 | 1590 | 1723 | 1639 | 4.48 | cps |
| Arsenic | 75-2 | 23463 | 23476 | 23303 | 23414 | 0.41 | cps |
| Barium | 135-1 | 338535 | 343320 | 343701 | 341852 | 0.84 | cps |
| Barium | 137-1 | 588971 | 598390 | 599166 | 595509 | 0.95 | cps |
| Beryllium | 9-1 | 803 | 843 | 807 | 818 | 2.71 | cps |
| Bismuth | 209-1 | 2796196 | 2867935 | 2786727 | 2816953 | 1.58 | cps |
| Bismuth | 209-2 | 2543926 | 2568388 | 2550698 | 2554337 | 0.49 | cps |
| Bromine | 81-1 | 74561 | 91760 | 101671 | 89331 | 15.36 | cps |
| Bromine | 81-2 | 21008 | 20831 | 21182 | 21007 | 0.83 | cps |
| Cadmium | 108-1 | 923 | 1027 | 990 | 980 | 5.35 | cps |
| Cadmium | 106-1 | 2794 | 2634 | 2840 | 2756 | 3.93 | cps |
| Cadmium | 111-1 | 14409 | 14851 | 15058 | 14773 | 2.25 | cps |
| Calcium | 43-1 | 85520 | 85087 | 86941 | 85850 | 1.13 | cps |
| Calcium | 44-1 | 1379616 | 1351628 | 1380380 | 1370541 | 1.20 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1109793 | 1108353 | 1121225 | 1113124 | 0.63 | cps |
| Cobalt | 59-2 | 49521 | 50642 | 50388 | 50184 | 1.17 | cps |
| Copper | 63-2 | 1495996 | 1500348 | 1504420 | 1500255 | 0.28 | cps |
| Dysprosium | 156-1 | 16707 | 16897 | 16820 | 16808 | 0.57 | cps |
| Dysprosium | 156-2 | 16690 | 16283 | 15946 | 16306 | 2.29 | cps |
| Erbium | 164-1 | 16166 | 16373 | 15946 | 16162 | 1.32 | cps |
| Erbium | 164-2 | 12305 | 12572 | 12516 | 12465 | 1.13 | cps |
| Gadolinium | 160-1 | 17534 | 17631 | 17675 | 17613 | 0.41 | cps |
| Gadolinium | 160-2 | 14805 | 14124 | 14868 | 14599 | 2.83 | cps |
| Holmium | 165-1 | 4449018 | 4467185 | 4396080 | 4437428 | 0.83 | cps |
| Holmium | 165-2 | 3495983 | 3365248 | 3444837 | 3435356 | 1.92 | cps |
| Indium | 115-1 | 3522395 | 3545912 | 3544208 | 3537505 | 0.37 | cps |
| Indium | 115-2 | 1401722 | 1393829 | 1405919 | 1400490 | 0.44 | cps |
| Iron | 56-2 | 86436559 | 84757910 | 84863597 | 85352689 | 1.10 | cps |
| Iron | 57-2 | 2115368 | 2084162 | 2069641 | 2089724 | 1.12 | cps |
| Iron | 54-2 | 4879189 | 4733920 | 4745376 | 4786162 | 1.69 | cps |
| Krypton | 83-1 | 407 | 387 | 383 | 392 | 3.22 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:00:14 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2209795 | 2254055 | 2284914 | 2249588 | 1.68 | cps |
| Lead | 207-1 | 1819400 | 1855230 | 1866524 | 1847051 | 1.33 | cps |
| Lead | 208-1 | 8578068 | 8699705 | 8644975 | 8640916 | 0.71 | cps |
| Lithium | 6-1 | 580665 | 580118 | 576931 | 579238 | 0.35 | cps |
| Magnesium | 24-2 | 2256571 | 2208801 | 2250950 | 2238774 | 1.17 | cps |
| Manganese | 55-2 | 688829 | 697332 | 692547 | 692903 | 0.62 | cps |
| Molybdenum | 94-1 | 34207 | 35199 | 34778 | 34728 | 1.43 | cps |
| Molybdenum | 95-1 | 6988 | 6718 | 6638 | 6782 | 2.71 | cps |
| Molybdenum | 96-1 | 12542 | 12522 | 12512 | 12525 | 0.12 | cps |
| Molybdenum | 97-1 | 4157 | 4161 | 4254 | 4191 | 1.31 | cps |
| Molybdenum | 98-1 | 10754 | 10761 | 10744 | 10753 | 0.08 | cps |
| Neodymium | 150-1 | 27163 | 27373 | 27173 | 27236 | 0.44 | cps |
| Neodymium | 150-2 | 17838 | 17574 | 17024 | 17479 | 2.38 | cps |
| Nickel | 60-2 | 71704 | 70867 | 72843 | 71804 | 1.38 | cps |
| Phosphorus | 31-2 | 14320 | 14687 | 14397 | 14468 | 1.34 | cps |
| Potassium | 39-2 | 883474 | 879556 | 875838 | 879623 | 0.43 | cps |
| Rhodium | 103-1 | 3507772 | 3461120 | 3438030 | 3468974 | 1.02 | cps |
| Rhodium | 103-2 | 2467243 | 2424017 | 2370610 | 2420624 | 2.00 | cps |
| Scandium | 45-1 | 2205439 | 2215473 | 2165023 | 2195312 | 1.22 | cps |
| Scandium | 45-2 | 238283 | 235340 | 236408 | 236677 | 0.63 | cps |
| Selenium | 82-1 | 624 | 658 | 628 | 637 | 2.90 | cps |
| Selenium | 77-2 | 87 | 130 | 157 | 124 | 28.39 | cps |
| Selenium | 78-2 | 497 | 583 | 567 | 549 | 8.38 | cps |
| Silicon | 28-1 | 1321597 | 1304116 | 1364862 | 1330192 | 2.35 | cps |
| Silver | 107-1 | 46468 | 46524 | 47274 | 46755 | 0.96 | cps |
| Silver | 109-1 | 43722 | 44351 | 45538 | 44537 | 2.07 | cps |
| Sodium | 23-2 | 3224026 | 3165797 | 3202475 | 3197433 | 0.92 | cps |
| Strontium | 86-1 | 108799 | 109007 | 108302 | 108703 | 0.33 | cps |
| Strontium | 88-1 | 941153 | 955925 | 962513 | 953197 | 1.15 | cps |
| Sulfur | 34-1 | 519098 | 525769 | 526181 | 523682 | 0.76 | cps |
| Terbium | 159-1 | 4487290 | 4509127 | 4430471 | 4475629 | 0.91 | cps |
| Terbium | 159-2 | 3416344 | 3341498 | 3396534 | 3384792 | 1.15 | cps |
| Thallium | 203-1 | 2534 | 2524 | 2417 | 2491 | 2.60 | cps |
| Thallium | 205-1 | 5995 | 6155 | 6085 | 6078 | 1.32 | cps |
| Tin | 118-1 | 208147 | 208500 | 210880 | 209176 | 0.71 | cps |
| Titanium | 47-1 | 184067 | 188135 | 188878 | 187027 | 1.38 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S05-057082-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:00:14 | DataFile Name : | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 24019 | 24978 | 24233 | 24410 | 2.06 | cps |
| Vanadium | 51-2 | 115478 | 114685 | 114487 | 114883 | 0.46 | cps |
| Yttrium | 89-1 | 6393367 | 6563919 | 6513415 | 6490234 | 1.35 | cps |
| Yttrium | 89-2 | 2069521 | 1982274 | 2000027 | 2017274 | 2.29 | cps |
| Zinc | 66-2 | 418817 | 418987 | 418807 | 418870 | 0.02 | cps |
| Zirconium | 90-1 | 83831 | 85487 | 84813 | 84711 | 0.98 | cps |
| Zirconium | 91-1 | 18522 | 18779 | 18735 | 18679 | 0.74 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:03:23 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2043503 | 2076146 | 2079659 | 2066436 | 0.96 | cps |
| Antimony | 121-1 | 1717 | 1857 | 1640 | 1738 | 6.32 | cps |
| Arsenic | 75-2 | 18842 | 18571 | 19022 | 18812 | 1.21 | cps |
| Barium | 135-1 | 322794 | 328817 | 323502 | 325037 | 1.01 | cps |
| Barium | 137-1 | 563887 | 566807 | 561724 | 564139 | 0.45 | cps |
| Beryllium | 9-1 | 867 | 790 | 817 | 824 | 4.72 | cps |
| Bismuth | 209-1 | 2855219 | 2880381 | 2765831 | 2833810 | 2.12 | cps |
| Bismuth | 209-2 | 2521675 | 2551795 | 2503400 | 2525623 | 0.97 | cps |
| Bromine | 81-1 | 117055 | 151803 | 164246 | 144368 | 16.94 | cps |
| Bromine | 81-2 | 35098 | 35917 | 35456 | 35490 | 1.16 | cps |
| Cadmium | 108-1 | 853 | 900 | 877 | 877 | 2.66 | cps |
| Cadmium | 106-1 | 2664 | 2787 | 2754 | 2735 | 2.33 | cps |
| Cadmium | 111-1 | 12842 | 12632 | 12768 | 12747 | 0.84 | cps |
| Calcium | 43-1 | 60892 | 62471 | 61196 | 61520 | 1.36 | cps |
| Calcium | 44-1 | 1000834 | 1021039 | 1020468 | 1014114 | 1.13 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 964397 | 964560 | 957563 | 962174 | 0.42 | cps |
| Cobalt | 59-2 | 48582 | 49097 | 49364 | 49014 | 0.81 | cps |
| Copper | 63-2 | 1319795 | 1325269 | 1321617 | 1322227 | 0.21 | cps |
| Dysprosium | 156-1 | 16737 | 17087 | 17124 | 16983 | 1.26 | cps |
| Dysprosium | 156-2 | 16937 | 16767 | 16179 | 16628 | 2.39 | cps |
| Erbium | 164-1 | 16426 | 16577 | 16927 | 16643 | 1.54 | cps |
| Erbium | 164-2 | 12693 | 13063 | 12936 | 12897 | 1.46 | cps |
| Gadolinium | 160-1 | 17942 | 18195 | 18299 | 18145 | 1.01 | cps |
| Gadolinium | 160-2 | 15268 | 14628 | 15041 | 14979 | 2.17 | cps |
| Holmium | 165-1 | 4562538 | 4467872 | 4526128 | 4518846 | 1.06 | cps |
| Holmium | 165-2 | 3524996 | 3490207 | 3479893 | 3498365 | 0.68 | cps |
| Indium | 115-1 | 3625660 | 3538592 | 3604202 | 3589485 | 1.26 | cps |
| Indium | 115-2 | 1411339 | 1403852 | 1420756 | 1411982 | 0.60 | cps |
| Iron | 56-2 | 81494920 | 79976902 | 80370392 | 80614072 | 0.98 | cps |
| Iron | 57-2 | 1975215 | 1975228 | 1994659 | 1981701 | 0.57 | cps |
| Iron | 54-2 | 4542571 | 4485918 | 4519813 | 4516101 | 0.63 | cps |
| Krypton | 83-1 | 367 | 397 | 383 | 382 | 3.93 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:03:23 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2343422 | 2298013 | 2356049 | 2332495 | 1.31 | cps |
| Lead | 207-1 | 1911623 | 1971264 | 1927074 | 1936653 | 1.60 | cps |
| Lead | 208-1 | 8905291 | 9124319 | 8878222 | 8969277 | 1.50 | cps |
| Lithium | 6-1 | 590022 | 594741 | 587519 | 590761 | 0.62 | cps |
| Magnesium | 24-2 | 2157061 | 2180953 | 2171883 | 2169965 | 0.56 | cps |
| Manganese | 55-2 | 668918 | 665396 | 667540 | 667285 | 0.27 | cps |
| Molybdenum | 94-1 | 34631 | 35126 | 36185 | 35314 | 2.25 | cps |
| Molybdenum | 95-1 | 6825 | 7142 | 7028 | 6998 | 2.29 | cps |
| Molybdenum | 96-1 | 12919 | 13163 | 13560 | 13214 | 2.45 | cps |
| Molybdenum | 97-1 | 4177 | 4554 | 4344 | 4358 | 4.33 | cps |
| Molybdenum | 98-1 | 11498 | 11545 | 11511 | 11518 | 0.21 | cps |
| Neodymium | 150-1 | 27093 | 27791 | 27994 | 27626 | 1.71 | cps |
| Neodymium | 150-2 | 18169 | 17998 | 18022 | 18063 | 0.51 | cps |
| Nickel | 60-2 | 69761 | 70040 | 70257 | 70019 | 0.35 | cps |
| Phosphorus | 31-2 | 13253 | 12865 | 13272 | 13130 | 1.75 | cps |
| Potassium | 39-2 | 909862 | 908770 | 906136 | 908256 | 0.21 | cps |
| Rhodium | 103-1 | 3575443 | 3567302 | 3602743 | 3581829 | 0.52 | cps |
| Rhodium | 103-2 | 2467546 | 2502040 | 2411315 | 2460300 | 1.86 | cps |
| Scandium | 45-1 | 2204809 | 2290434 | 2254909 | 2250050 | 1.91 | cps |
| Scandium | 45-2 | 239935 | 239943 | 240383 | 240087 | 0.11 | cps |
| Selenium | 82-1 | 609 | 576 | 677 | 621 | 8.31 | cps |
| Selenium | 77-2 | 123 | 133 | 157 | 138 | 12.41 | cps |
| Selenium | 78-2 | 580 | 530 | 553 | 554 | 4.51 | cps |
| Silicon | 28-1 | 1771876 | 1809939 | 1730880 | 1770898 | 2.23 | cps |
| Silver | 107-1 | 47976 | 49079 | 49437 | 48831 | 1.56 | cps |
| Silver | 109-1 | 44535 | 46123 | 46494 | 45718 | 2.28 | cps |
| Sodium | 23-2 | 3390558 | 3257616 | 3363977 | 3337384 | 2.11 | cps |
| Strontium | 86-1 | 89276 | 90788 | 90282 | 90116 | 0.85 | cps |
| Strontium | 88-1 | 783254 | 790045 | 794009 | 789103 | 0.69 | cps |
| Sulfur | 34-1 | 507108 | 512299 | 512506 | 510638 | 0.60 | cps |
| Terbium | 159-1 | 4438958 | 4545517 | 4457603 | 4480693 | 1.27 | cps |
| Terbium | 159-2 | 3363167 | 3423629 | 3274897 | 3353898 | 2.23 | cps |
| Thallium | 203-1 | 2527 | 2300 | 2404 | 2410 | 4.71 | cps |
| Thallium | 205-1 | 5851 | 5931 | 5811 | 5865 | 1.04 | cps |
| Tin | 118-1 | 253468 | 256964 | 253705 | 254712 | 0.77 | cps |
| Titanium | 47-1 | 177466 | 180090 | 179590 | 179048 | 0.78 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-DP01-20251016D | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:03:23 | DataFile Name : | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25766 | 25258 | 25966 | 25663 | 1.42 | cps |
| Vanadium | 51-2 | 112338 | 112567 | 111945 | 112283 | 0.28 | cps |
| Yttrium | 89-1 | 6555507 | 6783376 | 6628377 | 6655753 | 1.75 | cps |
| Yttrium | 89-2 | 2054647 | 1994437 | 1999742 | 2016275 | 1.65 | cps |
| Zinc | 66-2 | 418139 | 421579 | 419909 | 419876 | 0.41 | cps |
| Zirconium | 90-1 | 84931 | 85447 | 84468 | 84949 | 0.58 | cps |
| Zirconium | 91-1 | 18629 | 19340 | 18902 | 18957 | 1.89 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:06:38 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2788939 | 2779488 | 2865445 | 2811291 | 1.68 | cps |
| Antimony | 121-1 | 1260 | 1310 | 1500 | 1357 | 9.33 | cps |
| Arsenic | 75-2 | 38317 | 38670 | 39290 | 38759 | 1.27 | cps |
| Barium | 135-1 | 555070 | 553442 | 565413 | 557975 | 1.16 | cps |
| Barium | 137-1 | 963623 | 969388 | 967962 | 966991 | 0.31 | cps |
| Beryllium | 9-1 | 1130 | 1160 | 1243 | 1178 | 4.99 | cps |
| Bismuth | 209-1 | 2848122 | 2898508 | 2826956 | 2857862 | 1.29 | cps |
| Bismuth | 209-2 | 2564358 | 2631252 | 2555651 | 2583754 | 1.60 | cps |
| Bromine | 81-1 | 106734 | 128864 | 140481 | 125360 | 13.68 | cps |
| Bromine | 81-2 | 29319 | 29720 | 29563 | 29534 | 0.68 | cps |
| Cadmium | 108-1 | 1417 | 1500 | 1427 | 1448 | 3.14 | cps |
| Cadmium | 106-1 | 3504 | 3474 | 3517 | 3498 | 0.63 | cps |
| Cadmium | 111-1 | 21712 | 21149 | 21958 | 21606 | 1.92 | cps |
| Calcium | 43-1 | 115238 | 113253 | 114347 | 114279 | 0.87 | cps |
| Calcium | 44-1 | 1860412 | 1814989 | 1792809 | 1822736 | 1.89 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1070745 | 1048757 | 1052874 | 1057459 | 1.11 | cps |
| Cobalt | 59-2 | 66989 | 66333 | 66222 | 66514 | 0.62 | cps |
| Copper | 63-2 | 1755282 | 1730921 | 1756017 | 1747407 | 0.82 | cps |
| Dysprosium | 156-1 | 24081 | 24996 | 24915 | 24664 | 2.05 | cps |
| Dysprosium | 156-2 | 23777 | 23573 | 24258 | 23869 | 1.47 | cps |
| Erbium | 164-1 | 24064 | 24194 | 24495 | 24251 | 0.91 | cps |
| Erbium | 164-2 | 18542 | 18516 | 18172 | 18410 | 1.12 | cps |
| Gadolinium | 160-1 | 25440 | 25540 | 26245 | 25742 | 1.70 | cps |
| Gadolinium | 160-2 | 21991 | 21343 | 21290 | 21541 | 1.81 | cps |
| Holmium | 165-1 | 4514652 | 4311936 | 4579485 | 4468691 | 3.12 | cps |
| Holmium | 165-2 | 3541333 | 3540037 | 3525549 | 3535640 | 0.25 | cps |
| Indium | 115-1 | 3617799 | 3611407 | 3668348 | 3632518 | 0.86 | cps |
| Indium | 115-2 | 1415550 | 1420280 | 1423405 | 1419745 | 0.28 | cps |
| Iron | 56-2 | 109713788 | 109986638 | 111768778 | 110489735 | 1.01 | cps |
| Iron | 57-2 | 2724003 | 2727269 | 2713070 | 2721448 | 0.27 | cps |
| Iron | 54-2 | 6076437 | 5967162 | 5982634 | 6008744 | 0.98 | cps |
| Krypton | 83-1 | 393 | 337 | 413 | 381 | 10.44 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:06:38 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2327257 | 2386813 | 2348989 | 2354353 | 1.28 | cps |
| Lead | 207-1 | 1866522 | 1865735 | 1899605 | 1877288 | 1.03 | cps |
| Lead | 208-1 | 8819564 | 8967320 | 8958500 | 8915128 | 0.93 | cps |
| Lithium | 6-1 | 593583 | 596074 | 600033 | 596564 | 0.55 | cps |
| Magnesium | 24-2 | 2781216 | 2771379 | 2828141 | 2793579 | 1.09 | cps |
| Manganese | 55-2 | 1135119 | 1125479 | 1135362 | 1131987 | 0.50 | cps |
| Molybdenum | 94-1 | 45889 | 45885 | 46076 | 45950 | 0.24 | cps |
| Molybdenum | 95-1 | 7158 | 7202 | 7078 | 7146 | 0.88 | cps |
| Molybdenum | 96-1 | 14614 | 15275 | 15125 | 15004 | 2.31 | cps |
| Molybdenum | 97-1 | 4384 | 4267 | 4407 | 4353 | 1.72 | cps |
| Molybdenum | 98-1 | 11605 | 10951 | 11761 | 11439 | 3.76 | cps |
| Neodymium | 150-1 | 38466 | 38101 | 39742 | 38770 | 2.22 | cps |
| Neodymium | 150-2 | 25814 | 25510 | 25176 | 25500 | 1.25 | cps |
| Nickel | 60-2 | 74987 | 74809 | 75663 | 75153 | 0.60 | cps |
| Phosphorus | 31-2 | 26243 | 26246 | 26119 | 26203 | 0.28 | cps |
| Potassium | 39-2 | 1189312 | 1193008 | 1221526 | 1201282 | 1.47 | cps |
| Rhodium | 103-1 | 3585514 | 3599918 | 3599971 | 3595134 | 0.23 | cps |
| Rhodium | 103-2 | 2404858 | 2442668 | 2448054 | 2431860 | 0.97 | cps |
| Scandium | 45-1 | 2325960 | 2247467 | 2268853 | 2280760 | 1.78 | cps |
| Scandium | 45-2 | 242595 | 241483 | 246249 | 243442 | 1.02 | cps |
| Selenium | 82-1 | 786 | 772 | 816 | 791 | 2.87 | cps |
| Selenium | 77-2 | 127 | 163 | 163 | 151 | 14.01 | cps |
| Selenium | 78-2 | 643 | 627 | 630 | 633 | 1.39 | cps |
| Silicon | 28-1 | 1452847 | 1415387 | 1416549 | 1428261 | 1.49 | cps |
| Silver | 107-1 | 42907 | 43318 | 44434 | 43553 | 1.82 | cps |
| Silver | 109-1 | 41402 | 41626 | 42405 | 41811 | 1.26 | cps |
| Sodium | 23-2 | 4100863 | 4198115 | 4242987 | 4180655 | 1.74 | cps |
| Strontium | 86-1 | 146614 | 146186 | 149314 | 147371 | 1.15 | cps |
| Strontium | 88-1 | 1283727 | 1270239 | 1287920 | 1280629 | 0.72 | cps |
| Sulfur | 34-1 | 566050 | 556541 | 561443 | 561345 | 0.85 | cps |
| Terbium | 159-1 | 4510479 | 4428199 | 4659719 | 4532799 | 2.59 | cps |
| Terbium | 159-2 | 3408082 | 3429187 | 3343151 | 3393473 | 1.32 | cps |
| Thallium | 203-1 | 3124 | 2970 | 3017 | 3037 | 2.59 | cps |
| Thallium | 205-1 | 7025 | 6965 | 6905 | 6965 | 0.86 | cps |
| Tin | 118-1 | 225570 | 225254 | 229134 | 226653 | 0.95 | cps |
| Titanium | 47-1 | 248579 | 246530 | 248743 | 247951 | 0.50 | cps |

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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-COMP2-2025101 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:06:38 | DataFile Name : | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 28261 | 27616 | 27636 | 27838 | 1.32 | cps |
| Vanadium | 51-2 | 147274 | 146685 | 146309 | 146756 | 0.33 | cps |
| Yttrium | 89-1 | 6872809 | 6515844 | 6730150 | 6706268 | 2.68 | cps |
| Yttrium | 89-2 | 2034263 | 2063595 | 2053970 | 2050609 | 0.73 | cps |
| Zinc | 66-2 | 448488 | 454650 | 456044 | 453061 | 0.89 | cps |
| Zirconium | 90-1 | 114711 | 114403 | 116411 | 115175 | 0.94 | cps |
| Zirconium | 91-1 | 25556 | 26391 | 26037 | 25994 | 1.61 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:09:45 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2838631 | 2730463 | 2720876 | 2763324 | 2.37 | cps |
| Antimony | 121-1 | 2324 | 2240 | 2517 | 2360 | 6.01 | cps |
| Arsenic | 75-2 | 25888 | 25833 | 25454 | 25725 | 0.92 | cps |
| Barium | 135-1 | 334096 | 329852 | 331784 | 331911 | 0.64 | cps |
| Barium | 137-1 | 574276 | 579939 | 579484 | 577899 | 0.54 | cps |
| Beryllium | 9-1 | 1193 | 1213 | 1187 | 1198 | 1.16 | cps |
| Bismuth | 209-1 | 2810681 | 2793990 | 2793782 | 2799485 | 0.35 | cps |
| Bismuth | 209-2 | 2540243 | 2541333 | 2565553 | 2549043 | 0.56 | cps |
| Bromine | 81-1 | 137166 | 165749 | 180582 | 161166 | 13.69 | cps |
| Bromine | 81-2 | 38567 | 39269 | 39590 | 39142 | 1.34 | cps |
| Cadmium | 108-1 | 1730 | 1813 | 1837 | 1793 | 3.13 | cps |
| Cadmium | 106-1 | 3897 | 4037 | 3984 | 3973 | 1.78 | cps |
| Cadmium | 111-1 | 25140 | 25607 | 24778 | 25175 | 1.65 | cps |
| Calcium | 43-1 | 149907 | 150103 | 148433 | 149481 | 0.61 | cps |
| Calcium | 44-1 | 2363900 | 2343300 | 2319648 | 2342283 | 0.95 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1655341 | 1643569 | 1619013 | 1639308 | 1.13 | cps |
| Cobalt | 59-2 | 72672 | 71288 | 72876 | 72279 | 1.20 | cps |
| Copper | 63-2 | 2063776 | 2069257 | 2019531 | 2050854 | 1.33 | cps |
| Dysprosium | 156-1 | 22208 | 22705 | 22214 | 22376 | 1.28 | cps |
| Dysprosium | 156-2 | 22451 | 21914 | 21663 | 22010 | 1.83 | cps |
| Erbium | 164-1 | 22098 | 22161 | 22128 | 22129 | 0.14 | cps |
| Erbium | 164-2 | 16820 | 17354 | 16787 | 16987 | 1.87 | cps |
| Gadolinium | 160-1 | 23573 | 23513 | 23523 | 23537 | 0.14 | cps |
| Gadolinium | 160-2 | 19667 | 19911 | 19824 | 19801 | 0.62 | cps |
| Holmium | 165-1 | 4470578 | 4532304 | 4472790 | 4491891 | 0.78 | cps |
| Holmium | 165-2 | 3470286 | 3476634 | 3437917 | 3461612 | 0.60 | cps |
| Indium | 115-1 | 3578212 | 3557829 | 3589167 | 3575069 | 0.44 | cps |
| Indium | 115-2 | 1417542 | 1408537 | 1409795 | 1411958 | 0.35 | cps |
| Iron | 56-2 | 114193312 | 114176712 | 113420725 | 113930249 | 0.39 | cps |
| Iron | 57-2 | 2858860 | 2849047 | 2741401 | 2816436 | 2.31 | cps |
| Iron | 54-2 | 6445155 | 6301939 | 6133638 | 6293577 | 2.48 | cps |
| Krypton | 83-1 | 400 | 347 | 397 | 381 | 7.84 | cps |

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On:10/24/2025 6:19:47 PM
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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:09:45 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2137355 | 2166615 | 2151570 | 2151847 | 0.68 | cps |
| Lead | 207-1 | 1561506 | 1682287 | 1742360 | 1662051 | 5.54 | cps |
| Lead | 208-1 | 8041955 | 8178795 | 8193972 | 8138241 | 1.03 | cps |
| Lithium | 6-1 | 589305 | 586994 | 580515 | 585604 | 0.78 | cps |
| Magnesium | 24-2 | 3079683 | 2993380 | 2960457 | 3011173 | 2.04 | cps |
| Manganese | 55-2 | 934446 | 938701 | 934031 | 935726 | 0.28 | cps |
| Molybdenum | 94-1 | 49999 | 49430 | 50604 | 50011 | 1.17 | cps |
| Molybdenum | 95-1 | 11164 | 10927 | 11161 | 11084 | 1.23 | cps |
| Molybdenum | 96-1 | 19700 | 19937 | 19837 | 19825 | 0.60 | cps |
| Molybdenum | 97-1 | 6888 | 6978 | 6998 | 6955 | 0.84 | cps |
| Molybdenum | 98-1 | 18148 | 18031 | 17631 | 17937 | 1.51 | cps |
| Neodymium | 150-1 | 37313 | 37112 | 36915 | 37113 | 0.54 | cps |
| Neodymium | 150-2 | 24748 | 24428 | 24024 | 24400 | 1.49 | cps |
| Nickel | 60-2 | 128576 | 129154 | 128065 | 128599 | 0.42 | cps |
| Phosphorus | 31-2 | 31005 | 30420 | 30821 | 30749 | 0.97 | cps |
| Potassium | 39-2 | 1227845 | 1235352 | 1219390 | 1227529 | 0.65 | cps |
| Rhodium | 103-1 | 3655764 | 3627920 | 3575846 | 3619843 | 1.12 | cps |
| Rhodium | 103-2 | 2442685 | 2418403 | 2465774 | 2442287 | 0.97 | cps |
| Scandium | 45-1 | 2263499 | 2279083 | 2218360 | 2253647 | 1.40 | cps |
| Scandium | 45-2 | 245138 | 244029 | 243366 | 244177 | 0.37 | cps |
| Selenium | 82-1 | 630 | 776 | 643 | 683 | 11.82 | cps |
| Selenium | 77-2 | 177 | 203 | 200 | 193 | 7.52 | cps |
| Selenium | 78-2 | 567 | 590 | 517 | 558 | 6.72 | cps |
| Silicon | 28-1 | 1442663 | 1659416 | 1460927 | 1521002 | 7.90 | cps |
| Silver | 107-1 | 41376 | 42669 | 42559 | 42201 | 1.70 | cps |
| Silver | 109-1 | 40039 | 40032 | 39587 | 39886 | 0.65 | cps |
| Sodium | 23-2 | 5732131 | 5597088 | 5658053 | 5662424 | 1.19 | cps |
| Strontium | 86-1 | 217561 | 217859 | 216899 | 217440 | 0.23 | cps |
| Strontium | 88-1 | 1947218 | 2002843 | 2001094 | 1983718 | 1.59 | cps |
| Sulfur | 34-1 | 682691 | 685071 | 686964 | 684908 | 0.31 | cps |
| Terbium | 159-1 | 4510048 | 4578771 | 4463199 | 4517339 | 1.29 | cps |
| Terbium | 159-2 | 3416945 | 3344784 | 3370509 | 3377413 | 1.08 | cps |
| Thallium | 203-1 | 2414 | 2544 | 2594 | 2517 | 3.69 | cps |
| Thallium | 205-1 | 5885 | 6108 | 6211 | 6068 | 2.75 | cps |
| Tin | 118-1 | 215031 | 216373 | 214164 | 215190 | 0.52 | cps |
| Titanium | 47-1 | 331026 | 336095 | 330620 | 332580 | 0.92 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3376-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S12-047072-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:09:45 | DataFile Name : | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 30871 | 31204 | 31879 | 31318 | 1.64 | cps |
| Vanadium | 51-2 | 248563 | 244839 | 244739 | 246047 | 0.89 | cps |
| Yttrium | 89-1 | 6973343 | 6939566 | 6677951 | 6863620 | 2.36 | cps |
| Yttrium | 89-2 | 2102404 | 2039641 | 2043863 | 2061969 | 1.70 | cps |
| Zinc | 66-2 | 561518 | 564215 | 559993 | 561909 | 0.38 | cps |
| Zirconium | 90-1 | 119848 | 120376 | 117392 | 119206 | 1.34 | cps |
| Zirconium | 91-1 | 27108 | 26701 | 26878 | 26896 | 0.76 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:12:55 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1787386 | 1825779 | 1770677 | 1794614 | 1.57 | cps |
| Antimony | 121-1 | 2710 | 2577 | 2640 | 2642 | 2.52 | cps |
| Arsenic | 75-2 | 12777 | 13131 | 12482 | 12797 | 2.54 | cps |
| Barium | 135-1 | 200060 | 202167 | 200905 | 201044 | 0.53 | cps |
| Barium | 137-1 | 343356 | 349159 | 346680 | 346398 | 0.84 | cps |
| Beryllium | 9-1 | 1230 | 1093 | 1070 | 1131 | 7.64 | cps |
| Bismuth | 209-1 | 2777965 | 2809890 | 2754468 | 2780775 | 1.00 | cps |
| Bismuth | 209-2 | 2526473 | 2573195 | 2481581 | 2527083 | 1.81 | cps |
| Bromine | 81-1 | 92915 | 110950 | 119116 | 107661 | 12.45 | cps |
| Bromine | 81-2 | 25118 | 25726 | 25723 | 25522 | 1.37 | cps |
| Cadmium | 108-1 | 1020 | 957 | 943 | 973 | 4.21 | cps |
| Cadmium | 106-1 | 2844 | 2840 | 2707 | 2797 | 2.79 | cps |
| Cadmium | 111-1 | 13582 | 13570 | 13873 | 13675 | 1.26 | cps |
| Calcium | 43-1 | 279668 | 278672 | 280703 | 279681 | 0.36 | cps |
| Calcium | 44-1 | 4468743 | 4381374 | 4453561 | 4434559 | 1.05 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 834812 | 835283 | 830755 | 833617 | 0.30 | cps |
| Cobalt | 59-2 | 70482 | 70133 | 70069 | 70228 | 0.32 | cps |
| Copper | 63-2 | 1081164 | 1071275 | 1076389 | 1076276 | 0.46 | cps |
| Dysprosium | 156-1 | 14538 | 14988 | 14267 | 14598 | 2.49 | cps |
| Dysprosium | 156-2 | 14214 | 14080 | 14558 | 14284 | 1.72 | cps |
| Erbium | 164-1 | 14267 | 14528 | 13994 | 14263 | 1.87 | cps |
| Erbium | 164-2 | 11108 | 11505 | 11158 | 11257 | 1.92 | cps |
| Gadolinium | 160-1 | 14711 | 15449 | 15248 | 15136 | 2.52 | cps |
| Gadolinium | 160-2 | 12843 | 13153 | 12569 | 12855 | 2.27 | cps |
| Holmium | 165-1 | 4490652 | 4396366 | 4365770 | 4417596 | 1.47 | cps |
| Holmium | 165-2 | 3497355 | 3431092 | 3496631 | 3475026 | 1.09 | cps |
| Indium | 115-1 | 3593403 | 3561949 | 3547651 | 3567668 | 0.66 | cps |
| Indium | 115-2 | 1417128 | 1412110 | 1412292 | 1413844 | 0.20 | cps |
| Iron | 56-2 | 99746462 | 100069335 | 99904185 | 99906661 | 0.16 | cps |
| Iron | 57-2 | 2524013 | 2464625 | 2491981 | 2493540 | 1.19 | cps |
| Iron | 54-2 | 5688080 | 5602644 | 5576264 | 5622329 | 1.04 | cps |
| Krypton | 83-1 | 320 | 410 | 333 | 354 | 13.70 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:12:55 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1846607 | 1915017 | 1867611 | 1876412 | 1.87 | cps |
| Lead | 207-1 | 1365328 | 1395636 | 1404977 | 1388647 | 1.49 | cps |
| Lead | 208-1 | 6928569 | 7145414 | 7083870 | 7052618 | 1.58 | cps |
| Lithium | 6-1 | 571720 | 577439 | 577262 | 575474 | 0.57 | cps |
| Magnesium | 24-2 | 2203296 | 2207317 | 2191038 | 2200550 | 0.39 | cps |
| Manganese | 55-2 | 828599 | 837651 | 824558 | 830269 | 0.81 | cps |
| Molybdenum | 94-1 | 41439 | 41783 | 40710 | 41310 | 1.33 | cps |
| Molybdenum | 95-1 | 12896 | 13570 | 13510 | 13325 | 2.80 | cps |
| Molybdenum | 96-1 | 20071 | 19643 | 20408 | 20040 | 1.91 | cps |
| Molybdenum | 97-1 | 8216 | 8016 | 8429 | 8220 | 2.52 | cps |
| Molybdenum | 98-1 | 20865 | 21536 | 21419 | 21273 | 1.68 | cps |
| Neodymium | 150-1 | 23009 | 23346 | 23293 | 23216 | 0.78 | cps |
| Neodymium | 150-2 | 15055 | 15108 | 15352 | 15172 | 1.04 | cps |
| Nickel | 60-2 | 98796 | 98065 | 100310 | 99057 | 1.16 | cps |
| Phosphorus | 31-2 | 10584 | 10320 | 10670 | 10525 | 1.73 | cps |
| Potassium | 39-2 | 888124 | 891320 | 890380 | 889941 | 0.18 | cps |
| Rhodium | 103-1 | 3581566 | 3640693 | 3581250 | 3601170 | 0.95 | cps |
| Rhodium | 103-2 | 2454703 | 2407262 | 2422225 | 2428064 | 1.00 | cps |
| Scandium | 45-1 | 2243683 | 2289355 | 2229403 | 2254147 | 1.39 | cps |
| Scandium | 45-2 | 239505 | 242600 | 240640 | 240915 | 0.65 | cps |
| Selenium | 82-1 | 663 | 528 | 620 | 604 | 11.38 | cps |
| Selenium | 77-2 | 140 | 150 | 103 | 131 | 18.74 | cps |
| Selenium | 78-2 | 533 | 603 | 537 | 558 | 7.08 | cps |
| Silicon | 28-1 | 3409099 | 3348545 | 3246329 | 3334658 | 2.47 | cps |
| Silver | 107-1 | 49598 | 50588 | 50290 | 50159 | 1.01 | cps |
| Silver | 109-1 | 46371 | 48498 | 47859 | 47576 | 2.29 | cps |
| Sodium | 23-2 | 3458104 | 3499166 | 3447286 | 3468185 | 0.79 | cps |
| Strontium | 86-1 | 240403 | 242607 | 244030 | 242347 | 0.75 | cps |
| Strontium | 88-1 | 2188450 | 2161241 | 2215457 | 2188383 | 1.24 | cps |
| Sulfur | 34-1 | 790660 | 796815 | 783477 | 790317 | 0.84 | cps |
| Terbium | 159-1 | 4409478 | 4387753 | 4452139 | 4416457 | 0.74 | cps |
| Terbium | 159-2 | 3375729 | 3376499 | 3385155 | 3379128 | 0.15 | cps |
| Thallium | 203-1 | 1640 | 1533 | 1513 | 1562 | 4.36 | cps |
| Thallium | 205-1 | 3584 | 3541 | 3681 | 3602 | 1.99 | cps |
| Tin | 118-1 | 149109 | 148297 | 148776 | 148727 | 0.27 | cps |
| Titanium | 47-1 | 240761 | 238181 | 239756 | 239566 | 0.54 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-000022-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:12:55 | DataFile Name : | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 27663 | 28258 | 28284 | 28068 | 1.25 | cps |
| Vanadium | 51-2 | 130254 | 129006 | 128411 | 129224 | 0.73 | cps |
| Yttrium | 89-1 | 6657867 | 6539286 | 6547698 | 6581617 | 1.01 | cps |
| Yttrium | 89-2 | 2013711 | 2012270 | 1992316 | 2006099 | 0.60 | cps |
| Zinc | 66-2 | 428194 | 428213 | 426741 | 427716 | 0.20 | cps |
| Zirconium | 90-1 | 91748 | 91930 | 91980 | 91886 | 0.13 | cps |
| Zirconium | 91-1 | 19593 | 20267 | 20308 | 20056 | 2.00 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:16:04 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 1994465 | 1961128 | 2037866 | 1997820 | 1.93 | cps |
| Antimony | 121-1 | 1773 | 1793 | 1783 | 1783 | 0.56 | cps |
| Arsenic | 75-2 | 20225 | 20064 | 19939 | 20076 | 0.71 | cps |
| Barium | 135-1 | 356247 | 359734 | 363808 | 359930 | 1.05 | cps |
| Barium | 137-1 | 617789 | 630087 | 628774 | 625550 | 1.08 | cps |
| Beryllium | 9-1 | 803 | 790 | 753 | 782 | 3.31 | cps |
| Bismuth | 209-1 | 2868455 | 2830590 | 2866978 | 2855341 | 0.75 | cps |
| Bismuth | 209-2 | 2631532 | 2603519 | 2586037 | 2607029 | 0.88 | cps |
| Bromine | 81-1 | 96425 | 118432 | 127741 | 114199 | 14.08 | cps |
| Bromine | 81-2 | 27836 | 28321 | 28404 | 28187 | 1.09 | cps |
| Cadmium | 108-1 | 850 | 1047 | 897 | 931 | 11.04 | cps |
| Cadmium | 106-1 | 2754 | 2837 | 2854 | 2815 | 1.90 | cps |
| Cadmium | 111-1 | 13184 | 13498 | 12961 | 13215 | 2.04 | cps |
| Calcium | 43-1 | 96602 | 96713 | 96283 | 96533 | 0.23 | cps |
| Calcium | 44-1 | 1520887 | 1562107 | 1522688 | 1535227 | 1.52 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 932195 | 923124 | 914272 | 923197 | 0.97 | cps |
| Cobalt | 59-2 | 49869 | 48488 | 48542 | 48966 | 1.60 | cps |
| Copper | 63-2 | 1374386 | 1367511 | 1375432 | 1372443 | 0.31 | cps |
| Dysprosium | 156-1 | 16830 | 17291 | 16847 | 16989 | 1.54 | cps |
| Dysprosium | 156-2 | 17064 | 16233 | 16727 | 16674 | 2.51 | cps |
| Erbium | 164-1 | 16800 | 16774 | 16797 | 16790 | 0.09 | cps |
| Erbium | 164-2 | 12629 | 12669 | 13110 | 12803 | 2.08 | cps |
| Gadolinium | 160-1 | 17778 | 18382 | 18446 | 18202 | 2.02 | cps |
| Gadolinium | 160-2 | 15132 | 15469 | 15011 | 15204 | 1.56 | cps |
| Holmium | 165-1 | 4450829 | 4445225 | 4497000 | 4464351 | 0.64 | cps |
| Holmium | 165-2 | 3524196 | 3545356 | 3472459 | 3514003 | 1.07 | cps |
| Indium | 115-1 | 3668548 | 3718260 | 3598077 | 3661628 | 1.65 | cps |
| Indium | 115-2 | 1437647 | 1434928 | 1422332 | 1431635 | 0.57 | cps |
| Iron | 56-2 | 87469215 | 86935722 | 85354222 | 86586386 | 1.27 | cps |
| Iron | 57-2 | 2166476 | 2157645 | 2111827 | 2145316 | 1.37 | cps |
| Iron | 54-2 | 4799154 | 4769367 | 4692237 | 4753586 | 1.16 | cps |
| Krypton | 83-1 | 440 | 400 | 420 | 420 | 4.76 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:16:04 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2105679 | 2081172 | 2087288 | 2091379 | 0.61 | cps |
| Lead | 207-1 | 1698013 | 1686332 | 1691788 | 1692044 | 0.35 | cps |
| Lead | 208-1 | 7970839 | 7959926 | 7977765 | 7969510 | 0.11 | cps |
| Lithium | 6-1 | 576440 | 581791 | 586367 | 581533 | 0.85 | cps |
| Magnesium | 24-2 | 1895200 | 1880209 | 1956127 | 1910512 | 2.10 | cps |
| Manganese | 55-2 | 724824 | 720932 | 720140 | 721965 | 0.35 | cps |
| Molybdenum | 94-1 | 36375 | 38026 | 37124 | 37175 | 2.22 | cps |
| Molybdenum | 95-1 | 7138 | 7452 | 7402 | 7331 | 2.30 | cps |
| Molybdenum | 96-1 | 13720 | 14077 | 13867 | 13888 | 1.29 | cps |
| Molybdenum | 97-1 | 4561 | 4457 | 4667 | 4562 | 2.30 | cps |
| Molybdenum | 98-1 | 12032 | 11798 | 11918 | 11916 | 0.98 | cps |
| Neodymium | 150-1 | 26161 | 26939 | 26999 | 26700 | 1.75 | cps |
| Neodymium | 150-2 | 17451 | 17267 | 17731 | 17483 | 1.34 | cps |
| Nickel | 60-2 | 62787 | 61817 | 61850 | 62152 | 0.89 | cps |
| Phosphorus | 31-2 | 11418 | 11514 | 11688 | 11540 | 1.19 | cps |
| Potassium | 39-2 | 898815 | 894917 | 905094 | 899609 | 0.57 | cps |
| Rhodium | 103-1 | 3655904 | 3643202 | 3614480 | 3637862 | 0.58 | cps |
| Rhodium | 103-2 | 2489109 | 2489829 | 2389383 | 2456107 | 2.35 | cps |
| Scandium | 45-1 | 2223966 | 2250032 | 2239633 | 2237877 | 0.59 | cps |
| Scandium | 45-2 | 242489 | 246059 | 244266 | 244272 | 0.73 | cps |
| Selenium | 82-1 | 737 | 674 | 694 | 701 | 4.56 | cps |
| Selenium | 77-2 | 137 | 137 | 117 | 130 | 8.88 | cps |
| Selenium | 78-2 | 553 | 603 | 603 | 587 | 4.92 | cps |
| Silicon | 28-1 | 2457141 | 2514482 | 2480419 | 2484014 | 1.16 | cps |
| Silver | 107-1 | 52000 | 52468 | 54385 | 52951 | 2.39 | cps |
| Silver | 109-1 | 49528 | 50712 | 50431 | 50223 | 1.23 | cps |
| Sodium | 23-2 | 1608106 | 1665041 | 1628289 | 1633812 | 1.77 | cps |
| Strontium | 86-1 | 116131 | 114804 | 116320 | 115752 | 0.71 | cps |
| Strontium | 88-1 | 1000471 | 1013658 | 1011084 | 1008404 | 0.69 | cps |
| Sulfur | 34-1 | 541810 | 544210 | 543351 | 543123 | 0.22 | cps |
| Terbium | 159-1 | 4540767 | 4442751 | 4503288 | 4495602 | 1.10 | cps |
| Terbium | 159-2 | 3419104 | 3475923 | 3478796 | 3457941 | 0.97 | cps |
| Thallium | 203-1 | 2190 | 2284 | 2357 | 2277 | 3.67 | cps |
| Thallium | 205-1 | 5595 | 5031 | 5595 | 5407 | 6.02 | cps |
| Tin | 118-1 | 126682 | 129127 | 130216 | 128675 | 1.41 | cps |
| Titanium | 47-1 | 207808 | 209536 | 210803 | 209382 | 0.72 | cps |

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On:10/24/2025 6:19:47 PM
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LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S10-022047-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:16:04 | DataFile Name : | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25468 | 24924 | 26400 | 25598 | 2.92 | cps |
| Vanadium | 51-2 | 106771 | 107718 | 106613 | 107034 | 0.56 | cps |
| Yttrium | 89-1 | 6637098 | 6751066 | 6617243 | 6668469 | 1.08 | cps |
| Yttrium | 89-2 | 2060181 | 2034196 | 2030430 | 2041602 | 0.79 | cps |
| Zinc | 66-2 | 383580 | 383977 | 387677 | 385078 | 0.59 | cps |
| Zirconium | 90-1 | 89900 | 89257 | 89169 | 89442 | 0.45 | cps |
| Zirconium | 91-1 | 19593 | 19570 | 19827 | 19663 | 0.72 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:19:19 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3566077 | 3612542 | 3575542 | 3584721 | 0.68 | cps |
| Antimony | 121-1 | 1333 | 1323 | 1383 | 1347 | 2.39 | cps |
| Arsenic | 75-2 | 22412 | 22565 | 22462 | 22479 | 0.35 | cps |
| Barium | 135-1 | 335312 | 334529 | 336554 | 335465 | 0.30 | cps |
| Barium | 137-1 | 581747 | 575634 | 576337 | 577906 | 0.58 | cps |
| Beryllium | 9-1 | 1303 | 1363 | 1367 | 1345 | 2.65 | cps |
| Bismuth | 209-1 | 2791680 | 2858799 | 2755321 | 2801933 | 1.87 | cps |
| Bismuth | 209-2 | 2595381 | 2595837 | 2548912 | 2580043 | 1.04 | cps |
| Bromine | 81-1 | 130540 | 166887 | 182711 | 160046 | 16.71 | cps |
| Bromine | 81-2 | 39295 | 39035 | 39486 | 39272 | 0.58 | cps |
| Cadmium | 108-1 | 373 | 323 | 353 | 350 | 7.19 | cps |
| Cadmium | 106-1 | 2184 | 2090 | 2080 | 2118 | 2.69 | cps |
| Cadmium | 111-1 | 4401 | 4607 | 4623 | 4544 | 2.73 | cps |
| Calcium | 43-1 | 101773 | 101776 | 102021 | 101856 | 0.14 | cps |
| Calcium | 44-1 | 1595474 | 1613349 | 1636698 | 1615174 | 1.28 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 402948 | 399300 | 396175 | 399474 | 0.85 | cps |
| Cobalt | 59-2 | 80759 | 81738 | 80461 | 80986 | 0.82 | cps |
| Copper | 63-2 | 833160 | 835513 | 829878 | 832850 | 0.34 | cps |
| Dysprosium | 156-1 | 30410 | 31148 | 31265 | 30941 | 1.50 | cps |
| Dysprosium | 156-2 | 31148 | 30483 | 30203 | 30611 | 1.59 | cps |
| Erbium | 164-1 | 30543 | 31175 | 31315 | 31011 | 1.33 | cps |
| Erbium | 164-2 | 24268 | 24204 | 23730 | 24067 | 1.22 | cps |
| Gadolinium | 160-1 | 33199 | 33514 | 33988 | 33567 | 1.18 | cps |
| Gadolinium | 160-2 | 27050 | 27707 | 26886 | 27214 | 1.60 | cps |
| Holmium | 165-1 | 4540711 | 4436227 | 4498086 | 4491675 | 1.17 | cps |
| Holmium | 165-2 | 3687775 | 3473584 | 3452614 | 3537991 | 3.68 | cps |
| Indium | 115-1 | 3572596 | 3693595 | 3575272 | 3613821 | 1.91 | cps |
| Indium | 115-2 | 1462272 | 1427873 | 1410545 | 1433563 | 1.84 | cps |
| Iron | 56-2 | 141167518 | 138684951 | 138369005 | 139407158 | 1.10 | cps |
| Iron | 57-2 | 3438185 | 3325280 | 3343329 | 3368932 | 1.80 | cps |
| Iron | 54-2 | 7563660 | 7659822 | 7685927 | 7636469 | 0.84 | cps |
| Krypton | 83-1 | 363 | 473 | 503 | 447 | 16.50 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:19:19 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 1266602 | 1279543 | 1300998 | 1282381 | 1.35 | cps |
| Lead | 207-1 | 1042933 | 1056109 | 1058187 | 1052410 | 0.79 | cps |
| Lead | 208-1 | 5179287 | 5208390 | 5184673 | 5190783 | 0.30 | cps |
| Lithium | 6-1 | 589771 | 595337 | 592351 | 592486 | 0.47 | cps |
| Magnesium | 24-2 | 2860856 | 2952194 | 2868703 | 2893918 | 1.75 | cps |
| Manganese | 55-2 | 3771404 | 3676855 | 3588095 | 3678785 | 2.49 | cps |
| Molybdenum | 94-1 | 58814 | 58945 | 59283 | 59014 | 0.41 | cps |
| Molybdenum | 95-1 | 4584 | 4624 | 4561 | 4590 | 0.70 | cps |
| Molybdenum | 96-1 | 14884 | 16032 | 15268 | 15395 | 3.80 | cps |
| Molybdenum | 97-1 | 2767 | 3110 | 2980 | 2953 | 5.87 | cps |
| Molybdenum | 98-1 | 7479 | 7485 | 7322 | 7429 | 1.24 | cps |
| Neodymium | 150-1 | 47600 | 48640 | 49219 | 48487 | 1.69 | cps |
| Neodymium | 150-2 | 32337 | 32287 | 31615 | 32080 | 1.26 | cps |
| Nickel | 60-2 | 65493 | 64967 | 64552 | 65004 | 0.73 | cps |
| Phosphorus | 31-2 | 15918 | 15555 | 15805 | 15759 | 1.18 | cps |
| Potassium | 39-2 | 1276054 | 1246774 | 1209429 | 1244086 | 2.68 | cps |
| Rhodium | 103-1 | 3577583 | 3567320 | 3585531 | 3576811 | 0.26 | cps |
| Rhodium | 103-2 | 2525340 | 2472108 | 2513935 | 2503794 | 1.12 | cps |
| Scandium | 45-1 | 2336554 | 2301968 | 2303243 | 2313922 | 0.85 | cps |
| Scandium | 45-2 | 251136 | 245008 | 243881 | 246675 | 1.58 | cps |
| Selenium | 82-1 | 782 | 759 | 650 | 730 | 9.69 | cps |
| Selenium | 77-2 | 220 | 247 | 223 | 230 | 6.32 | cps |
| Selenium | 78-2 | 773 | 700 | 660 | 711 | 8.08 | cps |
| Silicon | 28-1 | 3841709 | 3645689 | 3708256 | 3731884 | 2.68 | cps |
| Silver | 107-1 | 24394 | 24674 | 24294 | 24454 | 0.81 | cps |
| Silver | 109-1 | 23125 | 23159 | 22721 | 23002 | 1.06 | cps |
| Sodium | 23-2 | 1717134 | 1583698 | 1550682 | 1617172 | 5.45 | cps |
| Strontium | 86-1 | 118063 | 118702 | 119575 | 118780 | 0.64 | cps |
| Strontium | 88-1 | 1045393 | 1043548 | 1050670 | 1046537 | 0.35 | cps |
| Sulfur | 34-1 | 469012 | 464868 | 467796 | 467225 | 0.46 | cps |
| Terbium | 159-1 | 4455087 | 4496829 | 4447914 | 4466610 | 0.59 | cps |
| Terbium | 159-2 | 3507262 | 3489536 | 3362041 | 3452946 | 2.29 | cps |
| Thallium | 203-1 | 2370 | 2334 | 2374 | 2359 | 0.94 | cps |
| Thallium | 205-1 | 5454 | 5601 | 5698 | 5585 | 2.19 | cps |
| Tin | 118-1 | 202108 | 201138 | 204932 | 202726 | 0.97 | cps |
| Titanium | 47-1 | 272522 | 272484 | 274140 | 273048 | 0.35 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-013038-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:19:19 | DataFile Name : | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 33119 | 32611 | 32591 | 32774 | 0.91 | cps |
| Vanadium | 51-2 | 147722 | 147918 | 145736 | 147125 | 0.82 | cps |
| Yttrium | 89-1 | 6827946 | 6892143 | 6851779 | 6857289 | 0.47 | cps |
| Yttrium | 89-2 | 2197738 | 2110701 | 2082727 | 2130389 | 2.82 | cps |
| Zinc | 66-2 | 306674 | 304252 | 307229 | 306052 | 0.52 | cps |
| Zirconium | 90-1 | 153188 | 153533 | 153128 | 153283 | 0.14 | cps |
| Zirconium | 91-1 | 34073 | 34026 | 34340 | 34146 | 0.50 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:22:31 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2179166 | 2119710 | 2120976 | 2139951 | 1.59 | cps |
| Antimony | 121-1 | 2424 | 2524 | 2487 | 2478 | 2.04 | cps |
| Arsenic | 75-2 | 17867 | 17740 | 18039 | 17882 | 0.84 | cps |
| Barium | 135-1 | 286768 | 292207 | 296342 | 291773 | 1.65 | cps |
| Barium | 137-1 | 498762 | 508089 | 513001 | 506617 | 1.43 | cps |
| Beryllium | 9-1 | 840 | 1003 | 843 | 896 | 10.42 | cps |
| Bismuth | 209-1 | 2862441 | 2892681 | 2832185 | 2862436 | 1.06 | cps |
| Bismuth | 209-2 | 2553466 | 2659334 | 2614237 | 2609012 | 2.04 | cps |
| Bromine | 81-1 | 78402 | 94544 | 99916 | 90954 | 12.31 | cps |
| Bromine | 81-2 | 20384 | 21139 | 20448 | 20657 | 2.03 | cps |
| Cadmium | 108-1 | 1037 | 893 | 940 | 957 | 7.64 | cps |
| Cadmium | 106-1 | 2950 | 2960 | 2724 | 2878 | 4.65 | cps |
| Cadmium | 111-1 | 14372 | 14620 | 14735 | 14576 | 1.27 | cps |
| Calcium | 43-1 | 90683 | 90977 | 91152 | 90937 | 0.26 | cps |
| Calcium | 44-1 | 1458876 | 1437463 | 1465537 | 1453958 | 1.01 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1019401 | 1004399 | 1018026 | 1013942 | 0.82 | cps |
| Cobalt | 59-2 | 53753 | 53181 | 52749 | 53228 | 0.95 | cps |
| Copper | 63-2 | 1271591 | 1274655 | 1274799 | 1273681 | 0.14 | cps |
| Dysprosium | 156-1 | 18763 | 18415 | 18803 | 18660 | 1.14 | cps |
| Dysprosium | 156-2 | 18502 | 17561 | 18035 | 18033 | 2.61 | cps |
| Erbium | 164-1 | 18075 | 18336 | 18686 | 18366 | 1.67 | cps |
| Erbium | 164-2 | 14134 | 13944 | 13970 | 14016 | 0.73 | cps |
| Gadolinium | 160-1 | 19614 | 19607 | 19717 | 19646 | 0.31 | cps |
| Gadolinium | 160-2 | 16416 | 16436 | 16203 | 16352 | 0.79 | cps |
| Holmium | 165-1 | 4558840 | 4534344 | 4488383 | 4527189 | 0.79 | cps |
| Holmium | 165-2 | 3542287 | 3560492 | 3464872 | 3522550 | 1.44 | cps |
| Indium | 115-1 | 3661876 | 3607743 | 3636507 | 3635375 | 0.75 | cps |
| Indium | 115-2 | 1436346 | 1429512 | 1422801 | 1429553 | 0.47 | cps |
| Iron | 56-2 | 93056239 | 91727925 | 90246852 | 91677005 | 1.53 | cps |
| Iron | 57-2 | 2225170 | 2228241 | 2293239 | 2248883 | 1.71 | cps |
| Iron | 54-2 | 5052237 | 5040888 | 5097496 | 5063541 | 0.59 | cps |
| Krypton | 83-1 | 437 | 363 | 440 | 413 | 10.48 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:22:31 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2048876 | 2087621 | 2035080 | 2057193 | 1.32 | cps |
| Lead | 207-1 | 1491810 | 1651274 | 1689138 | 1610740 | 6.50 | cps |
| Lead | 208-1 | 7680739 | 7911807 | 7830202 | 7807583 | 1.50 | cps |
| Lithium | 6-1 | 600291 | 594774 | 600296 | 598454 | 0.53 | cps |
| Magnesium | 24-2 | 2144933 | 2138218 | 2138153 | 2140435 | 0.18 | cps |
| Manganese | 55-2 | 836325 | 836682 | 839420 | 837476 | 0.20 | cps |
| Molybdenum | 94-1 | 38407 | 39714 | 39734 | 39285 | 1.94 | cps |
| Molybdenum | 95-1 | 8006 | 7792 | 8569 | 8122 | 4.94 | cps |
| Molybdenum | 96-1 | 14788 | 15265 | 15331 | 15128 | 1.96 | cps |
| Molybdenum | 97-1 | 5164 | 5478 | 5514 | 5385 | 3.57 | cps |
| Molybdenum | 98-1 | 13296 | 13573 | 13683 | 13517 | 1.48 | cps |
| Neodymium | 150-1 | 28966 | 29160 | 29625 | 29250 | 1.16 | cps |
| Neodymium | 150-2 | 19884 | 19280 | 19110 | 19425 | 2.09 | cps |
| Nickel | 60-2 | 71576 | 69822 | 70227 | 70542 | 1.30 | cps |
| Phosphorus | 31-2 | 12332 | 12045 | 12779 | 12385 | 2.99 | cps |
| Potassium | 39-2 | 882970 | 881710 | 879625 | 881435 | 0.19 | cps |
| Rhodium | 103-1 | 3562617 | 3664378 | 3702346 | 3643114 | 1.98 | cps |
| Rhodium | 103-2 | 2477301 | 2527726 | 2436316 | 2480448 | 1.85 | cps |
| Scandium | 45-1 | 2279181 | 2326576 | 2298058 | 2301272 | 1.04 | cps |
| Scandium | 45-2 | 246074 | 242673 | 243056 | 243934 | 0.76 | cps |
| Selenium | 82-1 | 542 | 621 | 530 | 564 | 8.68 | cps |
| Selenium | 77-2 | 100 | 150 | 150 | 133 | 21.65 | cps |
| Selenium | 78-2 | 530 | 527 | 573 | 543 | 4.79 | cps |
| Silicon | 28-1 | 3332667 | 3419805 | 3248942 | 3333804 | 2.56 | cps |
| Silver | 107-1 | 59846 | 60890 | 60298 | 60345 | 0.87 | cps |
| Silver | 109-1 | 56008 | 57567 | 57868 | 57148 | 1.75 | cps |
| Sodium | 23-2 | 1167852 | 1180594 | 1178568 | 1175671 | 0.58 | cps |
| Strontium | 86-1 | 102773 | 105865 | 106020 | 104886 | 1.75 | cps |
| Strontium | 88-1 | 908609 | 923748 | 934605 | 922321 | 1.42 | cps |
| Sulfur | 34-1 | 587205 | 592091 | 592402 | 590566 | 0.49 | cps |
| Terbium | 159-1 | 4414435 | 4597079 | 4583484 | 4531666 | 2.25 | cps |
| Terbium | 159-2 | 3330683 | 3440735 | 3272136 | 3347851 | 2.56 | cps |
| Thallium | 203-1 | 1810 | 1943 | 1800 | 1851 | 4.32 | cps |
| Thallium | 205-1 | 4334 | 4531 | 4264 | 4376 | 3.16 | cps |
| Tin | 118-1 | 94394 | 96437 | 98071 | 96301 | 1.91 | cps |
| Titanium | 47-1 | 231027 | 230277 | 229225 | 230176 | 0.39 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S06-000021-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:22:31 | DataFile Name : | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 27844 | 26935 | 26801 | 27193 | 2.09 | cps |
| Vanadium | 51-2 | 134685 | 133502 | 132840 | 133676 | 0.70 | cps |
| Yttrium | 89-1 | 6677886 | 6750674 | 6751979 | 6726846 | 0.63 | cps |
| Yttrium | 89-2 | 2034930 | 2074914 | 2054329 | 2054724 | 0.97 | cps |
| Zinc | 66-2 | 387344 | 383368 | 385360 | 385357 | 0.52 | cps |
| Zirconium | 90-1 | 94667 | 94848 | 94553 | 94689 | 0.16 | cps |
| Zirconium | 91-1 | 20922 | 21189 | 20932 | 21014 | 0.72 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:25:47 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3214733 | 3291130 | 3318598 | 3274820 | 1.64 | cps |
| Antimony | 121-1 | 2834 | 3050 | 2770 | 2885 | 5.09 | cps |
| Arsenic | 75-2 | 23628 | 24068 | 23080 | 23592 | 2.10 | cps |
| Barium | 135-1 | 411291 | 409393 | 403933 | 408206 | 0.94 | cps |
| Barium | 137-1 | 709343 | 716940 | 707390 | 711224 | 0.71 | cps |
| Beryllium | 9-1 | 1577 | 1423 | 1537 | 1512 | 5.26 | cps |
| Bismuth | 209-1 | 2886375 | 2855510 | 2867415 | 2869767 | 0.54 | cps |
| Bismuth | 209-2 | 2586286 | 2557774 | 2593333 | 2579131 | 0.73 | cps |
| Bromine | 81-1 | 136869 | 171142 | 181729 | 163247 | 14.36 | cps |
| Bromine | 81-2 | 38376 | 38580 | 39085 | 38681 | 0.94 | cps |
| Cadmium | 108-1 | 2377 | 2124 | 2067 | 2189 | 7.54 | cps |
| Cadmium | 106-1 | 4411 | 4351 | 4374 | 4378 | 0.69 | cps |
| Cadmium | 111-1 | 29030 | 29573 | 29108 | 29237 | 1.00 | cps |
| Calcium | 43-1 | 200142 | 202717 | 201094 | 201318 | 0.65 | cps |
| Calcium | 44-1 | 3156671 | 3192953 | 3063763 | 3137796 | 2.12 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1959991 | 1983605 | 1931248 | 1958281 | 1.34 | cps |
| Cobalt | 59-2 | 96116 | 96441 | 98413 | 96990 | 1.28 | cps |
| Copper | 63-2 | 2482223 | 2387001 | 2457150 | 2442125 | 2.02 | cps |
| Dysprosium | 156-1 | 27263 | 27086 | 26659 | 27003 | 1.15 | cps |
| Dysprosium | 156-2 | 26849 | 26328 | 26893 | 26690 | 1.18 | cps |
| Erbium | 164-1 | 26125 | 26839 | 26686 | 26550 | 1.42 | cps |
| Erbium | 164-2 | 20675 | 20455 | 20572 | 20567 | 0.54 | cps |
| Gadolinium | 160-1 | 27788 | 28967 | 28953 | 28569 | 2.37 | cps |
| Gadolinium | 160-2 | 23617 | 23340 | 23229 | 23395 | 0.85 | cps |
| Holmium | 165-1 | 4475764 | 4491510 | 4532266 | 4499846 | 0.65 | cps |
| Holmium | 165-2 | 3625020 | 3519430 | 3471601 | 3538684 | 2.22 | cps |
| Indium | 115-1 | 3646606 | 3625357 | 3511678 | 3594547 | 2.02 | cps |
| Indium | 115-2 | 1403369 | 1399377 | 1419946 | 1407564 | 0.77 | cps |
| Iron | 56-2 | 142689555 | 142171175 | 142704038 | 142521589 | 0.21 | cps |
| Iron | 57-2 | 3582555 | 3496117 | 3478281 | 3518984 | 1.58 | cps |
| Iron | 54-2 | 7878219 | 8040770 | 7918884 | 7945958 | 1.06 | cps |
| Krypton | 83-1 | 417 | 313 | 373 | 368 | 14.11 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:25:47 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2752105 | 2703538 | 2746548 | 2734064 | 0.97 | cps |
| Lead | 207-1 | 2287586 | 2341074 | 2263451 | 2297370 | 1.73 | cps |
| Lead | 208-1 | 10503689 | 10736572 | 10598120 | 10612794 | 1.10 | cps |
| Lithium | 6-1 | 597916 | 606289 | 599973 | 601393 | 0.73 | cps |
| Magnesium | 24-2 | 4007783 | 3934975 | 3934090 | 3958949 | 1.07 | cps |
| Manganese | 55-2 | 1185775 | 1178734 | 1187607 | 1184038 | 0.40 | cps |
| Molybdenum | 94-1 | 70111 | 70181 | 68821 | 69704 | 1.10 | cps |
| Molybdenum | 95-1 | 20655 | 20237 | 19950 | 20281 | 1.75 | cps |
| Molybdenum | 96-1 | 31577 | 32613 | 32677 | 32289 | 1.91 | cps |
| Molybdenum | 97-1 | 12969 | 12589 | 12926 | 12828 | 1.62 | cps |
| Molybdenum | 98-1 | 32142 | 32847 | 31948 | 32313 | 1.46 | cps |
| Neodymium | 150-1 | 44403 | 44550 | 42932 | 43962 | 2.04 | cps |
| Neodymium | 150-2 | 29421 | 28582 | 28653 | 28885 | 1.61 | cps |
| Nickel | 60-2 | 174134 | 176173 | 173257 | 174522 | 0.86 | cps |
| Phosphorus | 31-2 | 20487 | 20457 | 20414 | 20453 | 0.18 | cps |
| Potassium | 39-2 | 1459948 | 1472464 | 1478074 | 1470162 | 0.63 | cps |
| Rhodium | 103-1 | 3616147 | 3639324 | 3575934 | 3610469 | 0.89 | cps |
| Rhodium | 103-2 | 2435456 | 2421806 | 2439702 | 2432322 | 0.38 | cps |
| Scandium | 45-1 | 2316416 | 2364624 | 2257529 | 2312857 | 2.32 | cps |
| Scandium | 45-2 | 242900 | 241637 | 247389 | 243975 | 1.24 | cps |
| Selenium | 82-1 | 866 | 904 | 742 | 837 | 10.15 | cps |
| Selenium | 77-2 | 157 | 203 | 180 | 180 | 12.96 | cps |
| Selenium | 78-2 | 550 | 623 | 657 | 610 | 8.95 | cps |
| Silicon | 28-1 | 3231503 | 3338293 | 3422138 | 3330645 | 2.87 | cps |
| Silver | 107-1 | 58066 | 59217 | 58099 | 58461 | 1.12 | cps |
| Silver | 109-1 | 53642 | 55195 | 54683 | 54507 | 1.45 | cps |
| Sodium | 23-2 | 6273144 | 6241667 | 6231923 | 6248911 | 0.34 | cps |
| Strontium | 86-1 | 221960 | 223697 | 222112 | 222590 | 0.43 | cps |
| Strontium | 88-1 | 2045896 | 2004428 | 2020854 | 2023726 | 1.03 | cps |
| Sulfur | 34-1 | 857661 | 855826 | 851319 | 854935 | 0.38 | cps |
| Terbium | 159-1 | 4544691 | 4475836 | 4473827 | 4498118 | 0.90 | cps |
| Terbium | 159-2 | 3485837 | 3441899 | 3364688 | 3430808 | 1.79 | cps |
| Thallium | 203-1 | 2807 | 3034 | 2614 | 2818 | 7.46 | cps |
| Thallium | 205-1 | 6598 | 6478 | 6665 | 6581 | 1.44 | cps |
| Tin | 118-1 | 231811 | 234483 | 232573 | 232956 | 0.59 | cps |
| Titanium | 47-1 | 373625 | 376278 | 370346 | 373416 | 0.80 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3393-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-000013-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:25:47 | DataFile Name : | 130SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 57447 | 56456 | 56754 | 56886 | 0.89 | cps |
| Vanadium | 51-2 | 266392 | 264237 | 266074 | 265568 | 0.44 | cps |
| Yttrium | 89-1 | 6838086 | 6867054 | 6835754 | 6846965 | 0.25 | cps |
| Yttrium | 89-2 | 2058160 | 2030381 | 2040309 | 2042950 | 0.69 | cps |
| Zinc | 66-2 | 749786 | 750798 | 756725 | 752436 | 0.50 | cps |
| Zirconium | 90-1 | 154910 | 159198 | 157378 | 157162 | 1.37 | cps |
| Zirconium | 91-1 | 34711 | 35717 | 35349 | 35259 | 1.44 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:28:54 | DataFile Name : | 131CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7507671 | 7574277 | 7428360 | 7503436 | 0.97 | cps |
| Antimony | 121-1 | 2372378 | 2403510 | 2389302 | 2388397 | 0.65 | cps |
| Arsenic | 75-2 | 187682 | 184724 | 188803 | 187069 | 1.13 | cps |
| Barium | 135-1 | 2781917 | 2749618 | 2818085 | 2783207 | 1.23 | cps |
| Barium | 137-1 | 4743424 | 4857401 | 4786281 | 4795702 | 1.20 | cps |
| Beryllium | 9-1 | 418740 | 421277 | 426168 | 422062 | 0.89 | cps |
| Bismuth | 209-1 | 2712074 | 2730514 | 2758694 | 2733761 | 0.86 | cps |
| Bismuth | 209-2 | 2381205 | 2408411 | 2395770 | 2395129 | 0.57 | cps |
| Bromine | 81-1 | 22464 | 20207 | 18996 | 20556 | 8.56 | cps |
| Bromine | 81-2 | 2177 | 2184 | 1993 | 2118 | 5.09 | cps |
| Cadmium | 108-1 | 46765 | 47337 | 48273 | 47459 | 1.60 | cps |
| Cadmium | 106-1 | 65326 | 65949 | 66254 | 65843 | 0.72 | cps |
| Cadmium | 111-1 | 644914 | 652735 | 654355 | 650668 | 0.78 | cps |
| Calcium | 43-1 | 3186321 | 3285105 | 3219645 | 3230357 | 1.56 | cps |
| Calcium | 44-1 | 52134538 | 52001736 | 51661979 | 51932751 | 0.47 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1295785 | 1274211 | 1289060 | 1286352 | 0.86 | cps |
| Cobalt | 59-2 | 2007122 | 1940410 | 1968467 | 1971999 | 1.70 | cps |
| Copper | 63-2 | 15214724 | 15224359 | 14860111 | 15099731 | 1.37 | cps |
| Dysprosium | 156-1 | 167 | 110 | 153 | 143 | 20.67 | cps |
| Dysprosium | 156-2 | 333 | 333 | 330 | 332 | 0.58 | cps |
| Erbium | 164-1 | 327 | 320 | 303 | 317 | 3.79 | cps |
| Erbium | 164-2 | 193 | 243 | 247 | 228 | 13.12 | cps |
| Gadolinium | 160-1 | 153 | 147 | 183 | 161 | 12.12 | cps |
| Gadolinium | 160-2 | 330 | 350 | 320 | 333 | 4.58 | cps |
| Holmium | 165-1 | 4559355 | 4534745 | 4619213 | 4571104 | 0.95 | cps |
| Holmium | 165-2 | 3573283 | 3479322 | 3455131 | 3502578 | 1.78 | cps |
| Indium | 115-1 | 3521772 | 3424673 | 3553361 | 3499936 | 1.92 | cps |
| Indium | 115-2 | 1337340 | 1351744 | 1354797 | 1347960 | 0.69 | cps |
| Iron | 56-2 | 296611422 | 287406256 | 282935269 | 288984316 | 2.41 | cps |
| Iron | 57-2 | 7393305 | 7356923 | 7140363 | 7296864 | 1.87 | cps |
| Iron | 54-2 | 16147519 | 15919218 | 16122433 | 16063057 | 0.78 | cps |
| Krypton | 83-1 | 337 | 393 | 350 | 360 | 8.23 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:28:54 | DataFile Name : | 131CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9027390 | 9358126 | 9308326 | 9231281 | 1.93 | cps |
| Lead | 207-1 | 7681839 | 7745726 | 7703142 | 7710236 | 0.42 | cps |
| Lead | 208-1 | 35064685 | 36009128 | 35996163 | 35689992 | 1.52 | cps |
| Lithium | 6-1 | 594618 | 596090 | 596555 | 595754 | 0.17 | cps |
| Magnesium | 24-2 | 67172952 | 66603786 | 64718721 | 66165153 | 1.94 | cps |
| Manganese | 55-2 | 10778059 | 10674858 | 10818624 | 10757180 | 0.69 | cps |
| Molybdenum | 94-1 | 8714388 | 8814421 | 8774395 | 8767735 | 0.57 | cps |
| Molybdenum | 95-1 | 12110833 | 12342751 | 12426931 | 12293505 | 1.33 | cps |
| Molybdenum | 96-1 | 13334438 | 13452555 | 13667060 | 13484684 | 1.25 | cps |
| Molybdenum | 97-1 | 7693256 | 7662352 | 7770819 | 7708809 | 0.72 | cps |
| Molybdenum | 98-1 | 20019586 | 20081788 | 19801491 | 19967622 | 0.74 | cps |
| Neodymium | 150-1 | 133 | 143 | 153 | 143 | 6.98 | cps |
| Neodymium | 150-2 | 87 | 63 | 90 | 80 | 18.17 | cps |
| Nickel | 60-2 | 496912 | 497273 | 494925 | 496370 | 0.25 | cps |
| Phosphorus | 31-2 | 88062 | 86539 | 88366 | 87656 | 1.12 | cps |
| Potassium | 39-2 | 33693317 | 33481495 | 33756346 | 33643719 | 0.43 | cps |
| Rhodium | 103-1 | 3445241 | 3465804 | 3478787 | 3463278 | 0.49 | cps |
| Rhodium | 103-2 | 2396594 | 2315548 | 2257796 | 2323313 | 3.00 | cps |
| Scandium | 45-1 | 2204444 | 2205734 | 2218164 | 2209447 | 0.34 | cps |
| Scandium | 45-2 | 237796 | 234498 | 238705 | 237000 | 0.93 | cps |
| Selenium | 82-1 | 52825 | 52954 | 52799 | 52859 | 0.16 | cps |
| Selenium | 77-2 | 6401 | 6371 | 6281 | 6351 | 0.98 | cps |
| Selenium | 78-2 | 21509 | 21586 | 21155 | 21417 | 1.07 | cps |
| Silicon | 28-1 | 25143338 | 25419085 | 24670731 | 25077718 | 1.51 | cps |
| Silver | 107-1 | 3258093 | 3279226 | 3240644 | 3259321 | 0.59 | cps |
| Silver | 109-1 | 3082556 | 3010669 | 3139364 | 3077530 | 2.10 | cps |
| Sodium | 23-2 | 103461702 | 101389315 | 102305872 | 102385630 | 1.01 | cps |
| Strontium | 86-1 | 757031 | 764319 | 766159 | 762503 | 0.63 | cps |
| Strontium | 88-1 | 6857771 | 6865823 | 6884309 | 6869301 | 0.20 | cps |
| Sulfur | 34-1 | 379041 | 377078 | 378560 | 378226 | 0.27 | cps |
| Terbium | 159-1 | 4496002 | 4523980 | 4646275 | 4555419 | 1.75 | cps |
| Terbium | 159-2 | 3419968 | 3341611 | 3405810 | 3389130 | 1.23 | cps |
| Thallium | 203-1 | 2282290 | 2286065 | 2371812 | 2313389 | 2.19 | cps |
| Thallium | 205-1 | 5362678 | 5421834 | 5413578 | 5399363 | 0.59 | cps |
| Tin | 118-1 | 1947436 | 2008844 | 1987206 | 1981162 | 1.57 | cps |
| Titanium | 47-1 | 3251754 | 3285177 | 3262366 | 3266432 | 0.52 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:28:54 | DataFile Name : | 131CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6651330 | 6575652 | 6759285 | 6662089 | 1.39 | cps |
| Vanadium | 51-2 | 1082096 | 1067359 | 1074096 | 1074517 | 0.69 | cps |
| Yttrium | 89-1 | 6312705 | 6353036 | 6447881 | 6371207 | 1.09 | cps |
| Yttrium | 89-2 | 1873315 | 1930222 | 1930845 | 1911461 | 1.73 | cps |
| Zinc | 66-2 | 2883907 | 2876371 | 2854058 | 2871445 | 0.54 | cps |
| Zirconium | 90-1 | 4360785 | 4392558 | 4366844 | 4373396 | 0.39 | cps |
| Zirconium | 91-1 | 924567 | 930726 | 936712 | 930668 | 0.65 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:31:49 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 417 | 523 | 517 | 486 | 12.31 | cps |
| Antimony | 121-1 | 793 | 797 | 860 | 817 | 4.60 | cps |
| Arsenic | 75-2 | 11 | 11 | 11 | 11 | 0.73 | cps |
| Barium | 135-1 | 53 | 47 | 23 | 41 | 38.32 | cps |
| Barium | 137-1 | 93 | 67 | 43 | 68 | 36.91 | cps |
| Beryllium | 9-1 | 23 | 27 | 13 | 21 | 32.88 | cps |
| Bismuth | 209-1 | 2738131 | 2727537 | 2789079 | 2751582 | 1.20 | cps |
| Bismuth | 209-2 | 2543393 | 2490616 | 2554153 | 2529387 | 1.34 | cps |
| Bromine | 81-1 | 12062 | 11475 | 11475 | 11670 | 2.90 | cps |
| Bromine | 81-2 | 953 | 860 | 830 | 881 | 7.30 | cps |
| Cadmium | 108-1 | 13 | 17 | 7 | 12 | 41.65 | cps |
| Cadmium | 106-1 | 1593 | 1347 | 1450 | 1463 | 8.47 | cps |
| Cadmium | 111-1 | 1156 | 968 | 1057 | 1060 | 8.89 | cps |
| Calcium | 43-1 | 160 | 143 | 170 | 158 | 8.54 | cps |
| Calcium | 44-1 | 17450 | 17000 | 17343 | 17265 | 1.36 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1470 | 1417 | 1400 | 1429 | 2.56 | cps |
| Cobalt | 59-2 | 53 | 60 | 67 | 60 | 11.12 | cps |
| Copper | 63-2 | 1297 | 1223 | 1253 | 1258 | 2.93 | cps |
| Dysprosium | 156-1 | 0 | 10 | 7 | 6 | 91.64 | cps |
| Dysprosium | 156-2 | 7 | 7 | 3 | 6 | 34.70 | cps |
| Erbium | 164-1 | 17 | 10 | 20 | 16 | 32.73 | cps |
| Erbium | 164-2 | 23 | 20 | 10 | 18 | 39.03 | cps |
| Gadolinium | 160-1 | 13 | 17 | 13 | 14 | 13.35 | cps |
| Gadolinium | 160-2 | 207 | 263 | 267 | 246 | 13.73 | cps |
| Holmium | 165-1 | 4492863 | 4349872 | 4230842 | 4357859 | 3.01 | cps |
| Holmium | 165-2 | 3481209 | 3366106 | 3456484 | 3434600 | 1.76 | cps |
| Indium | 115-1 | 3614575 | 3512578 | 3642842 | 3589998 | 1.91 | cps |
| Indium | 115-2 | 1382666 | 1384121 | 1386592 | 1384460 | 0.14 | cps |
| Iron | 56-2 | 25709 | 26527 | 25746 | 25994 | 1.78 | cps |
| Iron | 57-2 | 1663 | 1510 | 1480 | 1551 | 6.34 | cps |
| Iron | 54-2 | 2394 | 2430 | 2537 | 2454 | 3.04 | cps |
| Krypton | 83-1 | 310 | 320 | 363 | 331 | 8.56 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:31:49 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 630 | 647 | 630 | 636 | 1.51 | cps |
| Lead | 207-1 | 507 | 477 | 513 | 499 | 3.92 | cps |
| Lead | 208-1 | 2397 | 2330 | 2417 | 2381 | 1.91 | cps |
| Lithium | 6-1 | 576988 | 575580 | 568909 | 573826 | 0.75 | cps |
| Magnesium | 24-2 | 560 | 807 | 600 | 656 | 20.19 | cps |
| Manganese | 55-2 | 673 | 697 | 613 | 661 | 6.50 | cps |
| Molybdenum | 94-1 | 587 | 473 | 463 | 508 | 13.49 | cps |
| Molybdenum | 95-1 | 480 | 567 | 470 | 506 | 10.52 | cps |
| Molybdenum | 96-1 | 707 | 583 | 623 | 638 | 9.87 | cps |
| Molybdenum | 97-1 | 360 | 360 | 340 | 353 | 3.27 | cps |
| Molybdenum | 98-1 | 863 | 767 | 730 | 787 | 8.76 | cps |
| Neodymium | 150-1 | 7 | 3 | 0 | 3 | 100.05 | cps |
| Neodymium | 150-2 | 3 | 3 | 0 | 2 | 86.60 | cps |
| Nickel | 60-2 | 300 | 327 | 367 | 331 | 10.13 | cps |
| Phosphorus | 31-2 | 337 | 297 | 330 | 321 | 6.67 | cps |
| Potassium | 39-2 | 61299 | 61584 | 60690 | 61191 | 0.75 | cps |
| Rhodium | 103-1 | 3478437 | 3471682 | 3462102 | 3470740 | 0.24 | cps |
| Rhodium | 103-2 | 2440921 | 2355767 | 2428710 | 2408466 | 1.91 | cps |
| Scandium | 45-1 | 2144030 | 2098568 | 2166929 | 2136509 | 1.63 | cps |
| Scandium | 45-2 | 229740 | 227213 | 231497 | 229483 | 0.94 | cps |
| Selenium | 82-1 | 279 | 276 | 227 | 261 | 11.26 | cps |
| Selenium | 77-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Selenium | 78-2 | 327 | 353 | 300 | 327 | 8.16 | cps |
| Silicon | 28-1 | 582206 | 580810 | 583543 | 582186 | 0.23 | cps |
| Silver | 107-1 | 287 | 217 | 187 | 230 | 22.31 | cps |
| Silver | 109-1 | 277 | 217 | 207 | 233 | 16.23 | cps |
| Sodium | 23-2 | 40009 | 39905 | 39046 | 39653 | 1.33 | cps |
| Strontium | 86-1 | 563 | 547 | 630 | 580 | 7.60 | cps |
| Strontium | 88-1 | 203 | 150 | 133 | 162 | 22.54 | cps |
| Sulfur | 34-1 | 152391 | 151963 | 149469 | 151274 | 1.04 | cps |
| Terbium | 159-1 | 4526984 | 4474653 | 4377576 | 4459738 | 1.70 | cps |
| Terbium | 159-2 | 3320731 | 3362792 | 3430070 | 3371198 | 1.64 | cps |
| Thallium | 203-1 | 273 | 277 | 270 | 273 | 1.22 | cps |
| Thallium | 205-1 | 687 | 620 | 670 | 659 | 5.27 | cps |
| Tin | 118-1 | 1180 | 1187 | 1317 | 1228 | 6.28 | cps |
| Titanium | 47-1 | 87 | 80 | 77 | 81 | 6.28 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB09 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB09 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 20:31:49 | DataFile Name : | 132CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 97 | 100 | 87 | 94 | 7.35 | cps |
| Vanadium | 51-2 | 20 | 13 | 27 | 20 | 33.35 | cps |
| Yttrium | 89-1 | 6252844 | 6140719 | 6282399 | 6225321 | 1.20 | cps |
| Yttrium | 89-2 | 1951332 | 1938291 | 1916328 | 1935317 | 0.91 | cps |
| Zinc | 66-2 | 1307 | 1420 | 1380 | 1369 | 4.20 | cps |
| Zirconium | 90-1 | 597 | 607 | 563 | 589 | 3.85 | cps |
| Zirconium | 91-1 | 150 | 120 | 133 | 134 | 11.18 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:35:12 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2286176 | 2325464 | 2277447 | 2296362 | 1.11 | cps |
| Antimony | 121-1 | 1117 | 1193 | 1253 | 1188 | 5.77 | cps |
| Arsenic | 75-2 | 9808 | 9470 | 9580 | 9620 | 1.79 | cps |
| Barium | 135-1 | 198132 | 202519 | 200405 | 200352 | 1.10 | cps |
| Barium | 137-1 | 348177 | 351396 | 347287 | 348953 | 0.62 | cps |
| Beryllium | 9-1 | 1100 | 1120 | 1110 | 1110 | 0.90 | cps |
| Bismuth | 209-1 | 2750993 | 2917322 | 2827123 | 2831812 | 2.94 | cps |
| Bismuth | 209-2 | 2644130 | 2641701 | 2579835 | 2621888 | 1.39 | cps |
| Bromine | 81-1 | 101786 | 130024 | 139742 | 123851 | 15.92 | cps |
| Bromine | 81-2 | 30802 | 30752 | 30826 | 30793 | 0.12 | cps |
| Cadmium | 108-1 | 1020 | 980 | 1123 | 1041 | 7.10 | cps |
| Cadmium | 106-1 | 3104 | 3047 | 2924 | 3025 | 3.04 | cps |
| Cadmium | 111-1 | 13050 | 13522 | 12755 | 13109 | 2.95 | cps |
| Calcium | 43-1 | 106236 | 105377 | 104971 | 105528 | 0.61 | cps |
| Calcium | 44-1 | 1667705 | 1682381 | 1713179 | 1687755 | 1.38 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 777912 | 780027 | 763977 | 773972 | 1.13 | cps |
| Cobalt | 59-2 | 65861 | 65352 | 66078 | 65764 | 0.57 | cps |
| Copper | 63-2 | 1169306 | 1166304 | 1153681 | 1163097 | 0.71 | cps |
| Dysprosium | 156-1 | 18526 | 19096 | 19200 | 18941 | 1.92 | cps |
| Dysprosium | 156-2 | 18015 | 18436 | 18472 | 18308 | 1.39 | cps |
| Erbium | 164-1 | 18159 | 18419 | 18793 | 18457 | 1.73 | cps |
| Erbium | 164-2 | 14237 | 14224 | 14134 | 14198 | 0.40 | cps |
| Gadolinium | 160-1 | 20335 | 19964 | 20285 | 20195 | 1.00 | cps |
| Gadolinium | 160-2 | 16440 | 16653 | 16006 | 16366 | 2.02 | cps |
| Holmium | 165-1 | 4396118 | 4469511 | 4418136 | 4427922 | 0.85 | cps |
| Holmium | 165-2 | 3579383 | 3565505 | 3481399 | 3542096 | 1.50 | cps |
| Indium | 115-1 | 3604294 | 3575423 | 3590067 | 3589928 | 0.40 | cps |
| Indium | 115-2 | 1407819 | 1409590 | 1402752 | 1406720 | 0.25 | cps |
| Iron | 56-2 | 101824052 | 101035165 | 98464425 | 100441214 | 1.75 | cps |
| Iron | 57-2 | 2478890 | 2465979 | 2447654 | 2464174 | 0.64 | cps |
| Iron | 54-2 | 5493171 | 5693100 | 5499073 | 5561781 | 2.05 | cps |
| Krypton | 83-1 | 387 | 367 | 393 | 382 | 3.63 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:35:12 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3210326 | 3276774 | 3131198 | 3206099 | 2.27 | cps |
| Lead | 207-1 | 2733489 | 2696076 | 2699525 | 2709697 | 0.76 | cps |
| Lead | 208-1 | 12332987 | 12425901 | 12105340 | 12288076 | 1.34 | cps |
| Lithium | 6-1 | 580117 | 580305 | 583896 | 581439 | 0.37 | cps |
| Magnesium | 24-2 | 2924294 | 2973822 | 2965832 | 2954649 | 0.90 | cps |
| Manganese | 55-2 | 880115 | 872543 | 867304 | 873321 | 0.74 | cps |
| Molybdenum | 94-1 | 50223 | 51604 | 51153 | 50993 | 1.38 | cps |
| Molybdenum | 95-1 | 13350 | 13319 | 13783 | 13484 | 1.92 | cps |
| Molybdenum | 96-1 | 21539 | 21773 | 22227 | 21846 | 1.60 | cps |
| Molybdenum | 97-1 | 8232 | 8646 | 8442 | 8440 | 2.45 | cps |
| Molybdenum | 98-1 | 21392 | 21242 | 22117 | 21584 | 2.17 | cps |
| Neodymium | 150-1 | 28960 | 30323 | 29514 | 29599 | 2.32 | cps |
| Neodymium | 150-2 | 19677 | 19036 | 19470 | 19395 | 1.69 | cps |
| Nickel | 60-2 | 95080 | 94475 | 94402 | 94652 | 0.39 | cps |
| Phosphorus | 31-2 | 10374 | 10570 | 10537 | 10494 | 1.00 | cps |
| Potassium | 39-2 | 1135564 | 1145070 | 1138305 | 1139646 | 0.43 | cps |
| Rhodium | 103-1 | 3519580 | 3528089 | 3547459 | 3531709 | 0.40 | cps |
| Rhodium | 103-2 | 2442229 | 2416192 | 2415490 | 2424637 | 0.63 | cps |
| Scandium | 45-1 | 2212012 | 2229501 | 2167195 | 2202903 | 1.46 | cps |
| Scandium | 45-2 | 238666 | 238662 | 237743 | 238357 | 0.22 | cps |
| Selenium | 82-1 | 566 | 580 | 550 | 566 | 2.69 | cps |
| Selenium | 77-2 | 93 | 153 | 110 | 119 | 26.06 | cps |
| Selenium | 78-2 | 470 | 420 | 353 | 414 | 14.12 | cps |
| Silicon | 28-1 | 1379014 | 1387494 | 1395434 | 1387314 | 0.59 | cps |
| Silver | 107-1 | 52347 | 52940 | 53070 | 52786 | 0.73 | cps |
| Silver | 109-1 | 49545 | 49745 | 49795 | 49695 | 0.27 | cps |
| Sodium | 23-2 | 5662925 | 5669616 | 5562424 | 5631655 | 1.07 | cps |
| Strontium | 86-1 | 100745 | 101292 | 101826 | 101288 | 0.53 | cps |
| Strontium | 88-1 | 882128 | 897832 | 893701 | 891220 | 0.91 | cps |
| Sulfur | 34-1 | 662312 | 665752 | 663002 | 663689 | 0.27 | cps |
| Terbium | 159-1 | 4482746 | 4475967 | 4341843 | 4433519 | 1.79 | cps |
| Terbium | 159-2 | 3437637 | 3340109 | 3307306 | 3361684 | 2.02 | cps |
| Thallium | 203-1 | 1833 | 1950 | 1837 | 1873 | 3.55 | cps |
| Thallium | 205-1 | 4241 | 4427 | 4597 | 4422 | 4.04 | cps |
| Tin | 118-1 | 179634 | 183866 | 182865 | 182121 | 1.21 | cps |
| Titanium | 47-1 | 256052 | 256721 | 260062 | 257611 | 0.83 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-01DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S09-000051-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:35:12 | DataFile Name : | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 29614 | 31058 | 30452 | 30375 | 2.39 | cps |
| Vanadium | 51-2 | 126859 | 126600 | 125995 | 126484 | 0.35 | cps |
| Yttrium | 89-1 | 6697546 | 6608179 | 6504857 | 6603527 | 1.46 | cps |
| Yttrium | 89-2 | 2065088 | 2012461 | 2007705 | 2028418 | 1.57 | cps |
| Zinc | 66-2 | 434732 | 436823 | 431100 | 434218 | 0.67 | cps |
| Zirconium | 90-1 | 114541 | 116113 | 115413 | 115356 | 0.68 | cps |
| Zirconium | 91-1 | 26120 | 25669 | 26484 | 26091 | 1.56 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:38:24 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2912468 | 2944920 | 2931438 | 2929609 | 0.56 | cps |
| Antimony | 121-1 | 1983 | 2037 | 1950 | 1990 | 2.20 | cps |
| Arsenic | 75-2 | 21446 | 21245 | 21319 | 21337 | 0.48 | cps |
| Barium | 135-1 | 342010 | 341008 | 344893 | 342637 | 0.59 | cps |
| Barium | 137-1 | 595171 | 597698 | 598083 | 596984 | 0.26 | cps |
| Beryllium | 9-1 | 1233 | 1230 | 1170 | 1211 | 2.94 | cps |
| Bismuth | 209-1 | 2947458 | 3011892 | 2872056 | 2943802 | 2.38 | cps |
| Bismuth | 209-2 | 2563727 | 2598857 | 2668868 | 2610484 | 2.05 | cps |
| Bromine | 81-1 | 114780 | 140064 | 153117 | 135987 | 14.33 | cps |
| Bromine | 81-2 | 32953 | 34133 | 33014 | 33367 | 1.99 | cps |
| Cadmium | 108-1 | 1080 | 1213 | 1263 | 1186 | 7.99 | cps |
| Cadmium | 106-1 | 3157 | 3207 | 3330 | 3232 | 2.76 | cps |
| Cadmium | 111-1 | 17146 | 16947 | 17039 | 17044 | 0.58 | cps |
| Calcium | 43-1 | 97515 | 98655 | 99635 | 98602 | 1.08 | cps |
| Calcium | 44-1 | 1580764 | 1628545 | 1561079 | 1590129 | 2.18 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1246571 | 1227020 | 1243497 | 1239029 | 0.85 | cps |
| Cobalt | 59-2 | 64451 | 65157 | 64377 | 64662 | 0.67 | cps |
| Copper | 63-2 | 1642348 | 1609798 | 1623552 | 1625233 | 1.01 | cps |
| Dysprosium | 156-1 | 23577 | 24294 | 23456 | 23776 | 1.91 | cps |
| Dysprosium | 156-2 | 23503 | 23563 | 23693 | 23587 | 0.41 | cps |
| Erbium | 164-1 | 23323 | 23396 | 23694 | 23471 | 0.84 | cps |
| Erbium | 164-2 | 17955 | 18018 | 17828 | 17934 | 0.54 | cps |
| Gadolinium | 160-1 | 25229 | 25203 | 24351 | 24928 | 2.00 | cps |
| Gadolinium | 160-2 | 20739 | 20695 | 20869 | 20768 | 0.43 | cps |
| Holmium | 165-1 | 4580725 | 4721276 | 4586405 | 4629469 | 1.72 | cps |
| Holmium | 165-2 | 3556222 | 3572006 | 3585541 | 3571256 | 0.41 | cps |
| Indium | 115-1 | 3622003 | 3498162 | 3550952 | 3557039 | 1.75 | cps |
| Indium | 115-2 | 1417874 | 1422867 | 1427936 | 1422892 | 0.35 | cps |
| Iron | 56-2 | 119268955 | 121498812 | 119896562 | 120221443 | 0.96 | cps |
| Iron | 57-2 | 2975467 | 2978917 | 2964550 | 2972978 | 0.25 | cps |
| Iron | 54-2 | 6734902 | 6715429 | 6676271 | 6708867 | 0.45 | cps |
| Krypton | 83-1 | 417 | 367 | 437 | 407 | 8.87 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:38:24 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2283808 | 2330969 | 2292658 | 2302478 | 1.09 | cps |
| Lead | 207-1 | 1870559 | 1883815 | 1854715 | 1869696 | 0.78 | cps |
| Lead | 208-1 | 8852010 | 8817320 | 8706626 | 8791986 | 0.86 | cps |
| Lithium | 6-1 | 606916 | 602557 | 598318 | 602597 | 0.71 | cps |
| Magnesium | 24-2 | 2833854 | 2899752 | 2937424 | 2890343 | 1.81 | cps |
| Manganese | 55-2 | 1040965 | 1033859 | 1056121 | 1043648 | 1.09 | cps |
| Molybdenum | 94-1 | 50273 | 49624 | 49484 | 49793 | 0.85 | cps |
| Molybdenum | 95-1 | 8883 | 8856 | 9036 | 8925 | 1.09 | cps |
| Molybdenum | 96-1 | 17320 | 17013 | 17234 | 17189 | 0.92 | cps |
| Molybdenum | 97-1 | 5441 | 5581 | 5664 | 5562 | 2.03 | cps |
| Molybdenum | 98-1 | 14344 | 14447 | 14377 | 14389 | 0.37 | cps |
| Neodymium | 150-1 | 37082 | 38088 | 37864 | 37678 | 1.40 | cps |
| Neodymium | 150-2 | 24341 | 24555 | 24895 | 24597 | 1.14 | cps |
| Nickel | 60-2 | 82180 | 82888 | 81718 | 82262 | 0.72 | cps |
| Phosphorus | 31-2 | 23986 | 24296 | 23969 | 24083 | 0.77 | cps |
| Potassium | 39-2 | 1208833 | 1183223 | 1194574 | 1195543 | 1.07 | cps |
| Rhodium | 103-1 | 3595497 | 3573846 | 3679327 | 3616223 | 1.54 | cps |
| Rhodium | 103-2 | 2489986 | 2461634 | 2485039 | 2478886 | 0.61 | cps |
| Scandium | 45-1 | 2252849 | 2249822 | 2258945 | 2253872 | 0.21 | cps |
| Scandium | 45-2 | 242117 | 245355 | 247230 | 244901 | 1.06 | cps |
| Selenium | 82-1 | 617 | 674 | 615 | 635 | 5.29 | cps |
| Selenium | 77-2 | 100 | 207 | 150 | 152 | 35.06 | cps |
| Selenium | 78-2 | 560 | 557 | 577 | 564 | 1.90 | cps |
| Silicon | 28-1 | 4576142 | 4229017 | 4305209 | 4370123 | 4.17 | cps |
| Silver | 107-1 | 55864 | 56791 | 57624 | 56759 | 1.55 | cps |
| Silver | 109-1 | 53007 | 54288 | 53441 | 53579 | 1.22 | cps |
| Sodium | 23-2 | 5141643 | 5153768 | 5134329 | 5143247 | 0.19 | cps |
| Strontium | 86-1 | 146203 | 148354 | 149503 | 148020 | 1.13 | cps |
| Strontium | 88-1 | 1295172 | 1318453 | 1304997 | 1306207 | 0.89 | cps |
| Sulfur | 34-1 | 653175 | 661985 | 658545 | 657901 | 0.67 | cps |
| Terbium | 159-1 | 4608120 | 4747332 | 4585062 | 4646838 | 1.89 | cps |
| Terbium | 159-2 | 3522847 | 3431515 | 3431929 | 3462097 | 1.52 | cps |
| Thallium | 203-1 | 2280 | 2400 | 2320 | 2334 | 2.62 | cps |
| Thallium | 205-1 | 5541 | 5608 | 5778 | 5642 | 2.16 | cps |
| Tin | 118-1 | 159847 | 187510 | 162736 | 170031 | 8.94 | cps |
| Titanium | 47-1 | 282322 | 295933 | 283855 | 287370 | 2.59 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:38:24 | DataFile Name : | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 29805 | 30349 | 29431 | 29861 | 1.55 | cps |
| Vanadium | 51-2 | 175441 | 174808 | 174935 | 175061 | 0.19 | cps |
| Yttrium | 89-1 | 6812051 | 6742980 | 6751163 | 6768731 | 0.56 | cps |
| Yttrium | 89-2 | 2052660 | 2037522 | 2098625 | 2062935 | 1.54 | cps |
| Zinc | 66-2 | 427667 | 422306 | 425826 | 425266 | 0.64 | cps |
| Zirconium | 90-1 | 120759 | 123224 | 121858 | 121947 | 1.01 | cps |
| Zirconium | 91-1 | 27172 | 27316 | 27115 | 27201 | 0.38 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:41:32 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2942155 | 2947671 | 2952559 | 2947462 | 0.18 | cps |
| Antimony | 121-1 | 1850 | 1927 | 1913 | 1897 | 2.16 | cps |
| Arsenic | 75-2 | 21248 | 21427 | 21658 | 21444 | 0.96 | cps |
| Barium | 135-1 | 341047 | 349570 | 345767 | 345461 | 1.24 | cps |
| Barium | 137-1 | 589608 | 603018 | 597731 | 596786 | 1.13 | cps |
| Beryllium | 9-1 | 1053 | 1107 | 1190 | 1117 | 6.17 | cps |
| Bismuth | 209-1 | 2911356 | 2837340 | 2941589 | 2896762 | 1.85 | cps |
| Bismuth | 209-2 | 2678005 | 2588327 | 2612655 | 2626329 | 1.77 | cps |
| Bromine | 81-1 | 115556 | 145036 | 158213 | 139602 | 15.65 | cps |
| Bromine | 81-2 | 33321 | 33655 | 33962 | 33646 | 0.95 | cps |
| Cadmium | 108-1 | 1013 | 1127 | 1120 | 1087 | 5.85 | cps |
| Cadmium | 106-1 | 3134 | 3087 | 3277 | 3166 | 3.13 | cps |
| Cadmium | 111-1 | 16696 | 16951 | 17199 | 16948 | 1.48 | cps |
| Calcium | 43-1 | 99490 | 100138 | 99491 | 99706 | 0.37 | cps |
| Calcium | 44-1 | 1557295 | 1628239 | 1556212 | 1580582 | 2.61 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1232137 | 1245481 | 1238076 | 1238565 | 0.54 | cps |
| Cobalt | 59-2 | 65743 | 64461 | 64887 | 65030 | 1.00 | cps |
| Copper | 63-2 | 1593904 | 1615050 | 1629568 | 1612841 | 1.11 | cps |
| Dysprosium | 156-1 | 23643 | 23917 | 23233 | 23598 | 1.46 | cps |
| Dysprosium | 156-2 | 22658 | 22782 | 23383 | 22941 | 1.69 | cps |
| Erbium | 164-1 | 22879 | 23096 | 22919 | 22965 | 0.50 | cps |
| Erbium | 164-2 | 17992 | 18245 | 17778 | 18005 | 1.30 | cps |
| Gadolinium | 160-1 | 25213 | 25477 | 25410 | 25366 | 0.54 | cps |
| Gadolinium | 160-2 | 20849 | 20582 | 20642 | 20691 | 0.68 | cps |
| Holmium | 165-1 | 4573881 | 4551691 | 4584213 | 4569928 | 0.36 | cps |
| Holmium | 165-2 | 3652261 | 3600715 | 3512834 | 3588603 | 1.96 | cps |
| Indium | 115-1 | 3733522 | 3712664 | 3651621 | 3699269 | 1.15 | cps |
| Indium | 115-2 | 1449893 | 1440840 | 1431221 | 1440651 | 0.65 | cps |
| Iron | 56-2 | 117777425 | 120245675 | 119524778 | 119182626 | 1.06 | cps |
| Iron | 57-2 | 2925539 | 2979332 | 3008205 | 2971025 | 1.41 | cps |
| Iron | 54-2 | 6791357 | 6630099 | 6713466 | 6711641 | 1.20 | cps |
| Krypton | 83-1 | 400 | 407 | 400 | 402 | 0.96 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:41:32 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 2175682 | 2290080 | 2168111 | 2211291 | 3.09 | cps |
| Lead | 207-1 | 1807925 | 1842853 | 1842805 | 1831194 | 1.10 | cps |
| Lead | 208-1 | 8439963 | 8757548 | 8560102 | 8585871 | 1.87 | cps |
| Lithium | 6-1 | 601735 | 609106 | 608281 | 606374 | 0.67 | cps |
| Magnesium | 24-2 | 2930371 | 2930788 | 2867532 | 2909564 | 1.25 | cps |
| Manganese | 55-2 | 1038847 | 1032906 | 1046832 | 1039529 | 0.67 | cps |
| Molybdenum | 94-1 | 49912 | 51029 | 50032 | 50324 | 1.22 | cps |
| Molybdenum | 95-1 | 8759 | 8809 | 8869 | 8813 | 0.63 | cps |
| Molybdenum | 96-1 | 16890 | 17557 | 18048 | 17498 | 3.32 | cps |
| Molybdenum | 97-1 | 5618 | 5691 | 5698 | 5669 | 0.78 | cps |
| Molybdenum | 98-1 | 13997 | 14471 | 13810 | 14092 | 2.42 | cps |
| Neodymium | 150-1 | 37116 | 38720 | 37911 | 37915 | 2.12 | cps |
| Neodymium | 150-2 | 24561 | 23937 | 24435 | 24311 | 1.36 | cps |
| Nickel | 60-2 | 82653 | 82971 | 81896 | 82507 | 0.67 | cps |
| Phosphorus | 31-2 | 24396 | 24149 | 24036 | 24194 | 0.76 | cps |
| Potassium | 39-2 | 1202223 | 1199726 | 1181565 | 1194505 | 0.94 | cps |
| Rhodium | 103-1 | 3643254 | 3631078 | 3637113 | 3637149 | 0.17 | cps |
| Rhodium | 103-2 | 2443896 | 2448756 | 2442773 | 2445141 | 0.13 | cps |
| Scandium | 45-1 | 2300552 | 2316416 | 2293489 | 2303486 | 0.51 | cps |
| Scandium | 45-2 | 246509 | 245240 | 244591 | 245447 | 0.40 | cps |
| Selenium | 82-1 | 630 | 776 | 656 | 687 | 11.37 | cps |
| Selenium | 77-2 | 133 | 147 | 177 | 152 | 14.58 | cps |
| Selenium | 78-2 | 577 | 580 | 570 | 576 | 0.88 | cps |
| Silicon | 28-1 | 5729667 | 5169976 | 4102296 | 5000646 | 16.53 | cps |
| Silver | 107-1 | 56356 | 56496 | 56195 | 56349 | 0.27 | cps |
| Silver | 109-1 | 53475 | 53960 | 53893 | 53776 | 0.49 | cps |
| Sodium | 23-2 | 5144915 | 5079238 | 5082644 | 5102266 | 0.72 | cps |
| Strontium | 86-1 | 150166 | 151930 | 150917 | 151004 | 0.59 | cps |
| Strontium | 88-1 | 1303939 | 1344226 | 1330602 | 1326256 | 1.55 | cps |
| Sulfur | 34-1 | 658244 | 658595 | 657203 | 658014 | 0.11 | cps |
| Terbium | 159-1 | 4800190 | 4524036 | 4571411 | 4631879 | 3.19 | cps |
| Terbium | 159-2 | 3569376 | 3475979 | 3383597 | 3476317 | 2.67 | cps |
| Thallium | 203-1 | 2247 | 2324 | 2230 | 2267 | 2.20 | cps |
| Thallium | 205-1 | 5441 | 5561 | 5581 | 5528 | 1.37 | cps |
| Tin | 118-1 | 161994 | 164414 | 162635 | 163014 | 0.77 | cps |
| Titanium | 47-1 | 287186 | 291333 | 288046 | 288855 | 0.76 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02DUPDLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:41:32 | DataFile Name : | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 28916 | 29591 | 29166 | 29224 | 1.17 | cps |
| Vanadium | 51-2 | 174532 | 174335 | 175097 | 174654 | 0.23 | cps |
| Yttrium | 89-1 | 6740877 | 6809834 | 6802678 | 6784463 | 0.56 | cps |
| Yttrium | 89-2 | 2119832 | 2046145 | 2075534 | 2080504 | 1.78 | cps |
| Zinc | 66-2 | 424455 | 429477 | 427563 | 427165 | 0.59 | cps |
| Zirconium | 90-1 | 125783 | 124853 | 123832 | 124823 | 0.78 | cps |
| Zirconium | 91-1 | 27750 | 28254 | 28081 | 28028 | 0.91 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 20:44:41 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 577881 | 580927 | 573163 | 577324 | 0.68 | cps |
| Antimony | 121-1 | 420 | 467 | 527 | 471 | 11.35 | cps |
| Arsenic | 75-2 | 4290 | 4319 | 4283 | 4297 | 0.45 | cps |
| Barium | 135-1 | 67385 | 69244 | 69093 | 68574 | 1.51 | cps |
| Barium | 137-1 | 117138 | 120627 | 120291 | 119352 | 1.61 | cps |
| Beryllium | 9-1 | 303 | 180 | 277 | 253 | 25.62 | cps |
| Bismuth | 209-1 | 2813220 | 2879985 | 2869434 | 2854213 | 1.26 | cps |
| Bismuth | 209-2 | 2524137 | 2554918 | 2567327 | 2548794 | 0.87 | cps |
| Bromine | 81-1 | 38972 | 43655 | 44122 | 42250 | 6.74 | cps |
| Bromine | 81-2 | 7795 | 8086 | 7929 | 7937 | 1.83 | cps |
| Cadmium | 108-1 | 227 | 243 | 197 | 222 | 10.64 | cps |
| Cadmium | 106-1 | 1793 | 1913 | 1790 | 1832 | 3.84 | cps |
| Cadmium | 111-1 | 4244 | 4379 | 4306 | 4310 | 1.58 | cps |
| Calcium | 43-1 | 20187 | 20771 | 20230 | 20396 | 1.60 | cps |
| Calcium | 44-1 | 341253 | 345693 | 346290 | 344412 | 0.80 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 249441 | 247175 | 244354 | 246990 | 1.03 | cps |
| Cobalt | 59-2 | 13346 | 13166 | 13056 | 13189 | 1.11 | cps |
| Copper | 63-2 | 311725 | 312828 | 311174 | 311909 | 0.27 | cps |
| Dysprosium | 156-1 | 4861 | 4728 | 4804 | 4798 | 1.40 | cps |
| Dysprosium | 156-2 | 4527 | 4337 | 4571 | 4479 | 2.77 | cps |
| Erbium | 164-1 | 4644 | 4494 | 4411 | 4516 | 2.62 | cps |
| Erbium | 164-2 | 3604 | 3634 | 3567 | 3602 | 0.93 | cps |
| Gadolinium | 160-1 | 4968 | 4911 | 4931 | 4936 | 0.58 | cps |
| Gadolinium | 160-2 | 4091 | 4517 | 4287 | 4298 | 4.97 | cps |
| Holmium | 165-1 | 4435884 | 4506932 | 4596776 | 4513197 | 1.79 | cps |
| Holmium | 165-2 | 3555650 | 3561273 | 3490759 | 3535894 | 1.11 | cps |
| Indium | 115-1 | 3615717 | 3637235 | 3629869 | 3627607 | 0.30 | cps |
| Indium | 115-2 | 1440514 | 1435992 | 1421007 | 1432505 | 0.71 | cps |
| Iron | 56-2 | 24706171 | 24306460 | 24081540 | 24364724 | 1.30 | cps |
| Iron | 57-2 | 611427 | 602680 | 598260 | 604122 | 1.11 | cps |
| Iron | 54-2 | 1352639 | 1354891 | 1306353 | 1337961 | 2.05 | cps |
| Krypton | 83-1 | 350 | 373 | 327 | 350 | 6.67 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 20:44:41 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 400792 | 408220 | 396275 | 401762 | 1.50 | cps |
| Lead | 207-1 | 327051 | 326797 | 329310 | 327719 | 0.42 | cps |
| Lead | 208-1 | 1512343 | 1532482 | 1515225 | 1520017 | 0.72 | cps |
| Lithium | 6-1 | 593895 | 601918 | 605511 | 600442 | 0.99 | cps |
| Magnesium | 24-2 | 563105 | 564859 | 557871 | 561945 | 0.65 | cps |
| Manganese | 55-2 | 209723 | 207824 | 208106 | 208551 | 0.49 | cps |
| Molybdenum | 94-1 | 9900 | 10150 | 9987 | 10012 | 1.27 | cps |
| Molybdenum | 95-1 | 1893 | 1907 | 1990 | 1930 | 2.71 | cps |
| Molybdenum | 96-1 | 3410 | 3497 | 3577 | 3495 | 2.39 | cps |
| Molybdenum | 97-1 | 1300 | 1237 | 1243 | 1260 | 2.76 | cps |
| Molybdenum | 98-1 | 2934 | 2934 | 3090 | 2986 | 3.03 | cps |
| Neodymium | 150-1 | 7169 | 7629 | 7455 | 7418 | 3.13 | cps |
| Neodymium | 150-2 | 4884 | 4871 | 4671 | 4809 | 2.49 | cps |
| Nickel | 60-2 | 16382 | 17000 | 16452 | 16612 | 2.03 | cps |
| Phosphorus | 31-2 | 5251 | 5024 | 5234 | 5170 | 2.44 | cps |
| Potassium | 39-2 | 300410 | 295514 | 295428 | 297117 | 0.96 | cps |
| Rhodium | 103-1 | 3632464 | 3732471 | 3698205 | 3687713 | 1.38 | cps |
| Rhodium | 103-2 | 2475512 | 2491789 | 2472968 | 2480089 | 0.41 | cps |
| Scandium | 45-1 | 2180438 | 2254460 | 2269035 | 2234644 | 2.13 | cps |
| Scandium | 45-2 | 245616 | 240791 | 238998 | 241801 | 1.42 | cps |
| Selenium | 82-1 | 320 | 316 | 368 | 335 | 8.73 | cps |
| Selenium | 77-2 | 20 | 43 | 17 | 27 | 54.47 | cps |
| Selenium | 78-2 | 423 | 340 | 417 | 393 | 11.77 | cps |
| Silicon | 28-1 | 1455930 | 1462572 | 1451801 | 1456768 | 0.37 | cps |
| Silver | 107-1 | 11291 | 11491 | 11808 | 11530 | 2.26 | cps |
| Silver | 109-1 | 10474 | 10978 | 10671 | 10707 | 2.37 | cps |
| Sodium | 23-2 | 1039293 | 1045348 | 1032806 | 1039149 | 0.60 | cps |
| Strontium | 86-1 | 30031 | 31140 | 30913 | 30694 | 1.91 | cps |
| Strontium | 88-1 | 260928 | 267772 | 263342 | 264014 | 1.31 | cps |
| Sulfur | 34-1 | 229204 | 231925 | 232205 | 231111 | 0.72 | cps |
| Terbium | 159-1 | 4534082 | 4630126 | 4583447 | 4582552 | 1.05 | cps |
| Terbium | 159-2 | 3436754 | 3438256 | 3339846 | 3404952 | 1.66 | cps |
| Thallium | 203-1 | 613 | 650 | 583 | 616 | 5.42 | cps |
| Thallium | 205-1 | 1473 | 1470 | 1420 | 1455 | 2.05 | cps |
| Tin | 118-1 | 33038 | 33743 | 33663 | 33481 | 1.15 | cps |
| Titanium | 47-1 | 57548 | 57459 | 57298 | 57435 | 0.22 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02LDLX25 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 25 |
| Date & Time Acquired : | 2025-10-22 20:44:41 | DataFile Name : | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 5441 | 5895 | 5931 | 5756 | 4.74 | cps |
| Vanadium | 51-2 | 35138 | 34900 | 34733 | 34924 | 0.58 | cps |
| Yttrium | 89-1 | 6513872 | 6690422 | 6392340 | 6532211 | 2.29 | cps |
| Yttrium | 89-2 | 2024185 | 2014536 | 1985078 | 2007933 | 1.01 | cps |
| Zinc | 66-2 | 86911 | 86455 | 85108 | 86158 | 1.09 | cps |
| Zirconium | 90-1 | 25724 | 25612 | 25299 | 25545 | 0.86 | cps |
| Zirconium | 91-1 | 6112 | 5561 | 5621 | 5765 | 5.24 | cps |

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On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:48:04 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3242473 | 3143497 | 3248029 | 3211333 | 1.83 | cps |
| Antimony | 121-1 | 411275 | 417192 | 413166 | 413878 | 0.73 | cps |
| Arsenic | 75-2 | 65197 | 64274 | 65192 | 64888 | 0.82 | cps |
| Barium | 135-1 | 984062 | 1010448 | 986528 | 993679 | 1.47 | cps |
| Barium | 137-1 | 1799970 | 1850925 | 1762886 | 1804593 | 2.45 | cps |
| Beryllium | 9-1 | 76571 | 78503 | 77331 | 77468 | 1.26 | cps |
| Bismuth | 209-1 | 2902150 | 2981361 | 2842919 | 2908810 | 2.39 | cps |
| Bismuth | 209-2 | 2631716 | 2605766 | 2680190 | 2639224 | 1.43 | cps |
| Bromine | 81-1 | 122330 | 147489 | 165838 | 145219 | 15.04 | cps |
| Bromine | 81-2 | 35252 | 35149 | 35262 | 35221 | 0.18 | cps |
| Cadmium | 108-1 | 10137 | 10584 | 10337 | 10353 | 2.16 | cps |
| Cadmium | 106-1 | 15655 | 16560 | 16459 | 16225 | 3.06 | cps |
| Cadmium | 111-1 | 147849 | 150259 | 149503 | 149204 | 0.83 | cps |
| Calcium | 43-1 | 270645 | 272926 | 278985 | 274185 | 1.57 | cps |
| Calcium | 44-1 | 4292207 | 4354939 | 4421493 | 4356213 | 1.48 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1802909 | 1746755 | 1743524 | 1764396 | 1.89 | cps |
| Cobalt | 59-2 | 444231 | 438446 | 446727 | 443135 | 0.96 | cps |
| Copper | 63-2 | 4757100 | 4649629 | 4701570 | 4702767 | 1.14 | cps |
| Dysprosium | 156-1 | 24448 | 25226 | 24565 | 24746 | 1.70 | cps |
| Dysprosium | 156-2 | 24578 | 23637 | 24495 | 24237 | 2.15 | cps |
| Erbium | 164-1 | 24812 | 24996 | 24452 | 24753 | 1.12 | cps |
| Erbium | 164-2 | 19023 | 18669 | 18946 | 18880 | 0.99 | cps |
| Gadolinium | 160-1 | 26108 | 26378 | 26191 | 26226 | 0.53 | cps |
| Gadolinium | 160-2 | 21350 | 21056 | 21517 | 21307 | 1.09 | cps |
| Holmium | 165-1 | 4588941 | 4586996 | 4673028 | 4616321 | 1.06 | cps |
| Holmium | 165-2 | 3688443 | 3542306 | 3523166 | 3584638 | 2.52 | cps |
| Indium | 115-1 | 3707918 | 3820551 | 3774875 | 3767781 | 1.50 | cps |
| Indium | 115-2 | 1418902 | 1417557 | 1422248 | 1419569 | 0.17 | cps |
| Iron | 56-2 | 131923768 | 133194101 | 132277528 | 132465132 | 0.49 | cps |
| Iron | 57-2 | 3266326 | 3266286 | 3203516 | 3245376 | 1.12 | cps |
| Iron | 54-2 | 7371535 | 7231849 | 7312767 | 7305384 | 0.96 | cps |
| Krypton | 83-1 | 367 | 333 | 293 | 331 | 11.09 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:48:04 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5287716 | 5272676 | 5208338 | 5256243 | 0.80 | cps |
| Lead | 207-1 | 4338283 | 4394572 | 4354989 | 4362615 | 0.66 | cps |
| Lead | 208-1 | 20463775 | 20220099 | 19943634 | 20209170 | 1.29 | cps |
| Lithium | 6-1 | 600307 | 612121 | 607498 | 606642 | 0.98 | cps |
| Magnesium | 24-2 | 6432079 | 6434551 | 6509545 | 6458725 | 0.68 | cps |
| Manganese | 55-2 | 2817309 | 2757970 | 2859577 | 2811619 | 1.82 | cps |
| Molybdenum | 94-1 | 773382 | 773039 | 784899 | 777107 | 0.87 | cps |
| Molybdenum | 95-1 | 790997 | 789310 | 798777 | 793028 | 0.64 | cps |
| Molybdenum | 96-1 | 894008 | 903777 | 915926 | 904570 | 1.21 | cps |
| Molybdenum | 97-1 | 493257 | 497316 | 494517 | 495030 | 0.42 | cps |
| Molybdenum | 98-1 | 1270607 | 1283577 | 1283815 | 1279333 | 0.59 | cps |
| Neodymium | 150-1 | 40261 | 39896 | 39498 | 39885 | 0.96 | cps |
| Neodymium | 150-2 | 24835 | 25804 | 25653 | 25431 | 2.05 | cps |
| Nickel | 60-2 | 240196 | 240384 | 238061 | 239547 | 0.54 | cps |
| Phosphorus | 31-2 | 26099 | 25084 | 25815 | 25666 | 2.04 | cps |
| Potassium | 39-2 | 2445103 | 2397405 | 2389360 | 2410623 | 1.25 | cps |
| Rhodium | 103-1 | 3731857 | 3634148 | 3792913 | 3719639 | 2.15 | cps |
| Rhodium | 103-2 | 2456791 | 2422561 | 2501794 | 2460382 | 1.62 | cps |
| Scandium | 45-1 | 2294078 | 2319163 | 2350736 | 2321326 | 1.22 | cps |
| Scandium | 45-2 | 243461 | 247295 | 247242 | 245999 | 0.89 | cps |
| Selenium | 82-1 | 11348 | 10972 | 11540 | 11287 | 2.56 | cps |
| Selenium | 77-2 | 1430 | 1470 | 1393 | 1431 | 2.68 | cps |
| Selenium | 78-2 | 4904 | 4777 | 4851 | 4844 | 1.31 | cps |
| Silicon | 28-1 | 1577842 | 1420688 | 1661094 | 1553208 | 7.86 | cps |
| Silver | 107-1 | 115761 | 116412 | 114907 | 115693 | 0.65 | cps |
| Silver | 109-1 | 109907 | 110985 | 109262 | 110051 | 0.79 | cps |
| Sodium | 23-2 | 10316388 | 10007670 | 10153714 | 10159257 | 1.52 | cps |
| Strontium | 86-1 | 349212 | 341505 | 350704 | 347140 | 1.42 | cps |
| Strontium | 88-1 | 3135029 | 3123891 | 3197365 | 3152095 | 1.26 | cps |
| Sulfur | 34-1 | 727731 | 725549 | 741525 | 731602 | 1.18 | cps |
| Terbium | 159-1 | 4561234 | 4581738 | 4651326 | 4598099 | 1.03 | cps |
| Terbium | 159-2 | 3534320 | 3396027 | 3447251 | 3459199 | 2.02 | cps |
| Thallium | 203-1 | 363807 | 372589 | 369217 | 368538 | 1.20 | cps |
| Thallium | 205-1 | 869055 | 884428 | 866580 | 873354 | 1.11 | cps |
| Tin | 118-1 | 532008 | 543768 | 542259 | 539345 | 1.19 | cps |
| Titanium | 47-1 | 289674 | 299375 | 297956 | 295668 | 1.77 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-03DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:48:04 | DataFile Name : | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1046451 | 1070767 | 1073125 | 1063448 | 1.39 | cps |
| Vanadium | 51-2 | 412927 | 414453 | 416499 | 414626 | 0.43 | cps |
| Yttrium | 89-1 | 7114943 | 7035617 | 7070634 | 7073731 | 0.56 | cps |
| Yttrium | 89-2 | 2059061 | 2117320 | 2139458 | 2105280 | 1.97 | cps |
| Zinc | 66-2 | 1178575 | 1175853 | 1186744 | 1180391 | 0.48 | cps |
| Zirconium | 90-1 | 854648 | 854770 | 877137 | 862185 | 1.50 | cps |
| Zirconium | 91-1 | 190931 | 194288 | 194204 | 193141 | 0.99 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:51:11 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3325529 | 3201442 | 3251679 | 3259550 | 1.91 | cps |
| Antimony | 121-1 | 411704 | 414869 | 407644 | 411405 | 0.88 | cps |
| Arsenic | 75-2 | 66495 | 64894 | 65265 | 65551 | 1.28 | cps |
| Barium | 135-1 | 982811 | 1009135 | 983708 | 991885 | 1.51 | cps |
| Barium | 137-1 | 1788735 | 1836189 | 1815492 | 1813472 | 1.31 | cps |
| Beryllium | 9-1 | 75767 | 78802 | 78326 | 77632 | 2.10 | cps |
| Bismuth | 209-1 | 2871244 | 3033182 | 2975866 | 2960098 | 2.77 | cps |
| Bismuth | 209-2 | 2657026 | 2621271 | 2681376 | 2653225 | 1.14 | cps |
| Bromine | 81-1 | 124071 | 150482 | 163771 | 146108 | 13.83 | cps |
| Bromine | 81-2 | 35954 | 35563 | 36157 | 35891 | 0.84 | cps |
| Cadmium | 108-1 | 10444 | 10377 | 10014 | 10278 | 2.25 | cps |
| Cadmium | 106-1 | 16253 | 15598 | 15882 | 15911 | 2.06 | cps |
| Cadmium | 111-1 | 146398 | 146674 | 145814 | 146296 | 0.30 | cps |
| Calcium | 43-1 | 265339 | 275276 | 273544 | 271387 | 1.96 | cps |
| Calcium | 44-1 | 4169393 | 4407174 | 4451237 | 4342601 | 3.49 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1813585 | 1717664 | 1774944 | 1768731 | 2.73 | cps |
| Cobalt | 59-2 | 449655 | 441312 | 443759 | 444909 | 0.96 | cps |
| Copper | 63-2 | 4884783 | 4648462 | 4760028 | 4764424 | 2.48 | cps |
| Dysprosium | 156-1 | 24334 | 24952 | 24642 | 24643 | 1.25 | cps |
| Dysprosium | 156-2 | 24468 | 24248 | 23947 | 24221 | 1.08 | cps |
| Erbium | 164-1 | 24151 | 24665 | 24605 | 24474 | 1.15 | cps |
| Erbium | 164-2 | 19140 | 18636 | 18799 | 18858 | 1.36 | cps |
| Gadolinium | 160-1 | 25293 | 26625 | 26592 | 26170 | 2.90 | cps |
| Gadolinium | 160-2 | 21326 | 21223 | 21500 | 21350 | 0.66 | cps |
| Holmium | 165-1 | 4557105 | 4608156 | 4579390 | 4581551 | 0.56 | cps |
| Holmium | 165-2 | 3682914 | 3408140 | 3632702 | 3574586 | 4.09 | cps |
| Indium | 115-1 | 3664559 | 3572878 | 3681985 | 3639808 | 1.61 | cps |
| Indium | 115-2 | 1446691 | 1410689 | 1418910 | 1425430 | 1.32 | cps |
| Iron | 56-2 | 135665541 | 130086688 | 132540788 | 132764339 | 2.11 | cps |
| Iron | 57-2 | 3268728 | 3253479 | 3189964 | 3237390 | 1.29 | cps |
| Iron | 54-2 | 7535364 | 7187595 | 7315977 | 7346312 | 2.39 | cps |
| Krypton | 83-1 | 353 | 403 | 460 | 406 | 13.16 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:51:11 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 5076424 | 5576298 | 5449543 | 5367422 | 4.84 | cps |
| Lead | 207-1 | 4409998 | 4548561 | 4390878 | 4449813 | 1.93 | cps |
| Lead | 208-1 | 20079861 | 20870077 | 20628086 | 20526008 | 1.97 | cps |
| Lithium | 6-1 | 597813 | 617415 | 610760 | 608663 | 1.64 | cps |
| Magnesium | 24-2 | 6508218 | 6385882 | 6567739 | 6487280 | 1.43 | cps |
| Manganese | 55-2 | 2889200 | 2795827 | 2876230 | 2853752 | 1.77 | cps |
| Molybdenum | 94-1 | 763130 | 760141 | 750530 | 757934 | 0.87 | cps |
| Molybdenum | 95-1 | 780036 | 770692 | 770138 | 773622 | 0.72 | cps |
| Molybdenum | 96-1 | 882014 | 876243 | 877447 | 878568 | 0.35 | cps |
| Molybdenum | 97-1 | 490481 | 487705 | 480164 | 486117 | 1.10 | cps |
| Molybdenum | 98-1 | 1263358 | 1256369 | 1245053 | 1254927 | 0.74 | cps |
| Neodymium | 150-1 | 39204 | 41013 | 39983 | 40067 | 2.26 | cps |
| Neodymium | 150-2 | 25820 | 25690 | 25326 | 25612 | 1.00 | cps |
| Nickel | 60-2 | 242353 | 237985 | 241504 | 240614 | 0.96 | cps |
| Phosphorus | 31-2 | 25348 | 25391 | 26136 | 25625 | 1.73 | cps |
| Potassium | 39-2 | 2471908 | 2429028 | 2413426 | 2438121 | 1.24 | cps |
| Rhodium | 103-1 | 3686538 | 3543792 | 3582478 | 3604269 | 2.05 | cps |
| Rhodium | 103-2 | 2534270 | 2474249 | 2414894 | 2474471 | 2.41 | cps |
| Scandium | 45-1 | 2282895 | 2292578 | 2341165 | 2305546 | 1.35 | cps |
| Scandium | 45-2 | 253980 | 243053 | 247234 | 248089 | 2.22 | cps |
| Selenium | 82-1 | 11207 | 11193 | 10823 | 11074 | 1.96 | cps |
| Selenium | 77-2 | 1457 | 1283 | 1333 | 1358 | 6.57 | cps |
| Selenium | 78-2 | 5024 | 4804 | 4938 | 4922 | 2.25 | cps |
| Silicon | 28-1 | 1475348 | 1412191 | 1405793 | 1431110 | 2.69 | cps |
| Silver | 107-1 | 135251 | 136441 | 133881 | 135191 | 0.95 | cps |
| Silver | 109-1 | 127738 | 128107 | 127926 | 127924 | 0.14 | cps |
| Sodium | 23-2 | 10453701 | 10329941 | 10390002 | 10391214 | 0.60 | cps |
| Strontium | 86-1 | 339759 | 341273 | 341178 | 340737 | 0.25 | cps |
| Strontium | 88-1 | 3112450 | 3088210 | 3119227 | 3106629 | 0.52 | cps |
| Sulfur | 34-1 | 712876 | 742751 | 744683 | 733436 | 2.43 | cps |
| Terbium | 159-1 | 4594469 | 4626991 | 4589906 | 4603789 | 0.44 | cps |
| Terbium | 159-2 | 3620525 | 3399238 | 3385812 | 3468525 | 3.80 | cps |
| Thallium | 203-1 | 360617 | 377697 | 374277 | 370864 | 2.44 | cps |
| Thallium | 205-1 | 849507 | 898720 | 901325 | 883184 | 3.31 | cps |
| Tin | 118-1 | 533693 | 533918 | 528660 | 532090 | 0.56 | cps |
| Titanium | 47-1 | 288854 | 304790 | 296046 | 296563 | 2.69 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-04DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:51:11 | DataFile Name : | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1050242 | 1108204 | 1096557 | 1085001 | 2.83 | cps |
| Vanadium | 51-2 | 417588 | 415191 | 417450 | 416743 | 0.32 | cps |
| Yttrium | 89-1 | 7027939 | 6883356 | 6756413 | 6889236 | 1.97 | cps |
| Yttrium | 89-2 | 2109544 | 2040081 | 2060524 | 2070050 | 1.72 | cps |
| Zinc | 66-2 | 1197686 | 1174019 | 1189584 | 1187096 | 1.01 | cps |
| Zirconium | 90-1 | 853677 | 850154 | 854048 | 852626 | 0.25 | cps |
| Zirconium | 91-1 | 191401 | 190681 | 187035 | 189706 | 1.23 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:54:13 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2912468 | 2972973 | 2951960 | 2945800 | 1.04 | cps |
| Antimony | 121-1 | 419719 | 421957 | 421338 | 421005 | 0.27 | cps |
| Arsenic | 75-2 | 58828 | 58693 | 59556 | 59026 | 0.79 | cps |
| Barium | 135-1 | 744954 | 754033 | 750717 | 749902 | 0.61 | cps |
| Barium | 137-1 | 1277358 | 1295887 | 1277097 | 1283447 | 0.84 | cps |
| Beryllium | 9-1 | 77167 | 77669 | 77495 | 77444 | 0.33 | cps |
| Bismuth | 209-1 | 2886208 | 2830640 | 2790015 | 2835621 | 1.70 | cps |
| Bismuth | 209-2 | 2609380 | 2507305 | 2598482 | 2571722 | 2.18 | cps |
| Bromine | 81-1 | 102826 | 126466 | 139985 | 123092 | 15.28 | cps |
| Bromine | 81-2 | 29416 | 30051 | 30495 | 29987 | 1.81 | cps |
| Cadmium | 108-1 | 9567 | 9650 | 10154 | 9790 | 3.24 | cps |
| Cadmium | 106-1 | 15238 | 15031 | 15302 | 15190 | 0.93 | cps |
| Cadmium | 111-1 | 139845 | 140065 | 140026 | 139979 | 0.08 | cps |
| Calcium | 43-1 | 216596 | 218232 | 215834 | 216887 | 0.56 | cps |
| Calcium | 44-1 | 3446917 | 3455846 | 3430059 | 3444274 | 0.38 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1413757 | 1413284 | 1399224 | 1408755 | 0.59 | cps |
| Cobalt | 59-2 | 430051 | 428642 | 425722 | 428138 | 0.52 | cps |
| Copper | 63-2 | 4281896 | 4253477 | 4206659 | 4247344 | 0.89 | cps |
| Dysprosium | 156-1 | 22114 | 22244 | 21914 | 22091 | 0.75 | cps |
| Dysprosium | 156-2 | 21730 | 20962 | 21303 | 21332 | 1.80 | cps |
| Erbium | 164-1 | 21493 | 21493 | 21513 | 21500 | 0.05 | cps |
| Erbium | 164-2 | 16603 | 16860 | 16673 | 16712 | 0.79 | cps |
| Gadolinium | 160-1 | 22842 | 23453 | 22869 | 23055 | 1.50 | cps |
| Gadolinium | 160-2 | 18686 | 19404 | 19547 | 19212 | 2.40 | cps |
| Holmium | 165-1 | 4569897 | 4594335 | 4483770 | 4549334 | 1.28 | cps |
| Holmium | 165-2 | 3564991 | 3523624 | 3566382 | 3551666 | 0.68 | cps |
| Indium | 115-1 | 3719770 | 3578379 | 3678485 | 3658878 | 1.99 | cps |
| Indium | 115-2 | 1412222 | 1413011 | 1431785 | 1419006 | 0.78 | cps |
| Iron | 56-2 | 121659362 | 120545705 | 120028922 | 120744663 | 0.69 | cps |
| Iron | 57-2 | 3017792 | 3009405 | 2913571 | 2980256 | 1.94 | cps |
| Iron | 54-2 | 6752472 | 6770256 | 6714075 | 6745601 | 0.43 | cps |
| Krypton | 83-1 | 413 | 397 | 473 | 428 | 9.43 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:54:13 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3803010 | 3937639 | 3733052 | 3824567 | 2.72 | cps |
| Lead | 207-1 | 3117494 | 3259122 | 3144695 | 3173770 | 2.37 | cps |
| Lead | 208-1 | 14825173 | 15110683 | 14521659 | 14819172 | 1.99 | cps |
| Lithium | 6-1 | 598304 | 599495 | 589612 | 595804 | 0.91 | cps |
| Magnesium | 24-2 | 5282979 | 5270642 | 5214127 | 5255916 | 0.70 | cps |
| Manganese | 55-2 | 2894060 | 2886600 | 2924348 | 2901669 | 0.69 | cps |
| Molybdenum | 94-1 | 763727 | 770370 | 780757 | 771618 | 1.11 | cps |
| Molybdenum | 95-1 | 798162 | 794977 | 798727 | 797289 | 0.25 | cps |
| Molybdenum | 96-1 | 900283 | 894601 | 914516 | 903133 | 1.14 | cps |
| Molybdenum | 97-1 | 501881 | 492332 | 498802 | 497672 | 0.98 | cps |
| Molybdenum | 98-1 | 1295778 | 1286675 | 1305449 | 1295967 | 0.72 | cps |
| Neodymium | 150-1 | 33824 | 33924 | 34065 | 33937 | 0.36 | cps |
| Neodymium | 150-2 | 22695 | 22618 | 22708 | 22674 | 0.21 | cps |
| Nickel | 60-2 | 167810 | 169687 | 167286 | 168261 | 0.75 | cps |
| Phosphorus | 31-2 | 22887 | 22423 | 22199 | 22503 | 1.56 | cps |
| Potassium | 39-2 | 2353728 | 2334279 | 2322847 | 2336952 | 0.67 | cps |
| Rhodium | 103-1 | 3645710 | 3602199 | 3595742 | 3614551 | 0.75 | cps |
| Rhodium | 103-2 | 2408279 | 2436404 | 2529024 | 2457902 | 2.57 | cps |
| Scandium | 45-1 | 2306004 | 2347779 | 2242086 | 2298623 | 2.32 | cps |
| Scandium | 45-2 | 243838 | 248719 | 247125 | 246560 | 1.01 | cps |
| Selenium | 82-1 | 11036 | 11319 | 11088 | 11148 | 1.35 | cps |
| Selenium | 77-2 | 1507 | 1453 | 1497 | 1486 | 1.91 | cps |
| Selenium | 78-2 | 4901 | 4931 | 4918 | 4916 | 0.31 | cps |
| Silicon | 28-1 | 2561264 | 2080619 | 2050702 | 2230861 | 12.84 | cps |
| Silver | 107-1 | 147704 | 146808 | 148093 | 147535 | 0.45 | cps |
| Silver | 109-1 | 139494 | 137971 | 138179 | 138548 | 0.60 | cps |
| Sodium | 23-2 | 8826389 | 8743972 | 8793239 | 8787867 | 0.47 | cps |
| Strontium | 86-1 | 296122 | 298064 | 298070 | 297419 | 0.38 | cps |
| Strontium | 88-1 | 2760511 | 2713323 | 2798456 | 2757430 | 1.55 | cps |
| Sulfur | 34-1 | 613972 | 621073 | 613829 | 616291 | 0.67 | cps |
| Terbium | 159-1 | 4557797 | 4505428 | 4514291 | 4525839 | 0.62 | cps |
| Terbium | 159-2 | 3377175 | 3441186 | 3377719 | 3398693 | 1.08 | cps |
| Thallium | 203-1 | 374696 | 378614 | 369599 | 374303 | 1.21 | cps |
| Thallium | 205-1 | 884142 | 911051 | 883989 | 893061 | 1.74 | cps |
| Tin | 118-1 | 468818 | 468152 | 469072 | 468681 | 0.10 | cps |
| Titanium | 47-1 | 247546 | 252270 | 251788 | 250535 | 1.04 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-02ADLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-000102-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:54:13 | DataFile Name : | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 1067225 | 1079029 | 1060971 | 1069075 | 0.86 | cps |
| Vanadium | 51-2 | 363818 | 366153 | 362089 | 364020 | 0.56 | cps |
| Yttrium | 89-1 | 6761564 | 6693927 | 6678946 | 6711479 | 0.66 | cps |
| Yttrium | 89-2 | 2062056 | 2050531 | 2066643 | 2059743 | 0.40 | cps |
| Zinc | 66-2 | 929770 | 930724 | 928343 | 929612 | 0.13 | cps |
| Zirconium | 90-1 | 845455 | 849727 | 853627 | 849603 | 0.48 | cps |
| Zirconium | 91-1 | 188790 | 188855 | 189925 | 189190 | 0.34 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:57:18 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 3565056 | 3635788 | 3574902 | 3591915 | 1.07 | cps |
| Antimony | 121-1 | 1453 | 1577 | 1440 | 1490 | 5.06 | cps |
| Arsenic | 75-2 | 34077 | 33424 | 33800 | 33767 | 0.97 | cps |
| Barium | 135-1 | 651618 | 661733 | 663099 | 658817 | 0.95 | cps |
| Barium | 137-1 | 1143981 | 1143140 | 1134748 | 1140623 | 0.45 | cps |
| Beryllium | 9-1 | 1347 | 1353 | 1543 | 1415 | 7.90 | cps |
| Bismuth | 209-1 | 2906812 | 2904439 | 2931141 | 2914131 | 0.51 | cps |
| Bismuth | 209-2 | 2644578 | 2688661 | 2619539 | 2650926 | 1.32 | cps |
| Bromine | 81-1 | 151523 | 192537 | 210957 | 185005 | 16.45 | cps |
| Bromine | 81-2 | 45587 | 46439 | 45142 | 45723 | 1.44 | cps |
| Cadmium | 108-1 | 820 | 930 | 1040 | 930 | 11.83 | cps |
| Cadmium | 106-1 | 2977 | 2917 | 2890 | 2928 | 1.52 | cps |
| Cadmium | 111-1 | 14189 | 14117 | 13827 | 14044 | 1.36 | cps |
| Calcium | 43-1 | 138450 | 140356 | 140736 | 139847 | 0.88 | cps |
| Calcium | 44-1 | 2152297 | 2250757 | 2258524 | 2220526 | 2.67 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 846433 | 853698 | 841579 | 847237 | 0.72 | cps |
| Cobalt | 59-2 | 82539 | 83406 | 82653 | 82866 | 0.57 | cps |
| Copper | 63-2 | 1806858 | 1898828 | 1863141 | 1856276 | 2.50 | cps |
| Dysprosium | 156-1 | 28636 | 30253 | 29391 | 29426 | 2.75 | cps |
| Dysprosium | 156-2 | 28385 | 29418 | 28586 | 28796 | 1.90 | cps |
| Erbium | 164-1 | 29104 | 29181 | 29311 | 29198 | 0.36 | cps |
| Erbium | 164-2 | 23006 | 22835 | 22729 | 22857 | 0.61 | cps |
| Gadolinium | 160-1 | 31215 | 32030 | 30897 | 31381 | 1.86 | cps |
| Gadolinium | 160-2 | 26248 | 26034 | 25754 | 26012 | 0.95 | cps |
| Holmium | 165-1 | 4480872 | 4562157 | 4498792 | 4513940 | 0.95 | cps |
| Holmium | 165-2 | 3568918 | 3559882 | 3595015 | 3574605 | 0.51 | cps |
| Indium | 115-1 | 3496291 | 3576225 | 3692760 | 3588425 | 2.75 | cps |
| Indium | 115-2 | 1430660 | 1443209 | 1429236 | 1434368 | 0.54 | cps |
| Iron | 56-2 | 149519991 | 149382998 | 150588768 | 149830586 | 0.44 | cps |
| Iron | 57-2 | 3659806 | 3717737 | 3707111 | 3694885 | 0.83 | cps |
| Iron | 54-2 | 8456435 | 8336146 | 8531968 | 8441516 | 1.17 | cps |
| Krypton | 83-1 | 333 | 407 | 383 | 374 | 10.01 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:57:18 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3418547 | 3461662 | 3589064 | 3489758 | 2.54 | cps |
| Lead | 207-1 | 2886794 | 2877182 | 2858041 | 2874006 | 0.51 | cps |
| Lead | 208-1 | 13256992 | 13457189 | 13545125 | 13419769 | 1.10 | cps |
| Lithium | 6-1 | 591500 | 600230 | 607113 | 599615 | 1.30 | cps |
| Magnesium | 24-2 | 3687233 | 3740457 | 3654154 | 3693948 | 1.18 | cps |
| Manganese | 55-2 | 1371203 | 1368612 | 1391933 | 1377249 | 0.93 | cps |
| Molybdenum | 94-1 | 59765 | 59347 | 59962 | 59691 | 0.53 | cps |
| Molybdenum | 95-1 | 7655 | 7856 | 7725 | 7745 | 1.31 | cps |
| Molybdenum | 96-1 | 17951 | 18388 | 17975 | 18105 | 1.36 | cps |
| Molybdenum | 97-1 | 4677 | 4858 | 4687 | 4741 | 2.13 | cps |
| Molybdenum | 98-1 | 12128 | 12562 | 12419 | 12370 | 1.79 | cps |
| Neodymium | 150-1 | 44821 | 45533 | 45604 | 45319 | 0.96 | cps |
| Neodymium | 150-2 | 29741 | 30269 | 30416 | 30142 | 1.18 | cps |
| Nickel | 60-2 | 103230 | 102447 | 102045 | 102574 | 0.59 | cps |
| Phosphorus | 31-2 | 23959 | 23799 | 23081 | 23613 | 1.98 | cps |
| Potassium | 39-2 | 1501886 | 1497609 | 1409251 | 1469582 | 3.56 | cps |
| Rhodium | 103-1 | 3600462 | 3644272 | 3600795 | 3615176 | 0.70 | cps |
| Rhodium | 103-2 | 2473038 | 2491197 | 2470511 | 2478249 | 0.46 | cps |
| Scandium | 45-1 | 2213862 | 2353623 | 2311231 | 2292905 | 3.13 | cps |
| Scandium | 45-2 | 247944 | 252107 | 245151 | 248401 | 1.41 | cps |
| Selenium | 82-1 | 948 | 904 | 933 | 928 | 2.39 | cps |
| Selenium | 77-2 | 193 | 190 | 160 | 181 | 10.14 | cps |
| Selenium | 78-2 | 757 | 673 | 683 | 704 | 6.46 | cps |
| Silicon | 28-1 | 1490874 | 1463800 | 2977202 | 1977292 | 43.80 | cps |
| Silver | 107-1 | 57433 | 58845 | 59073 | 58450 | 1.52 | cps |
| Silver | 109-1 | 54449 | 55707 | 56021 | 55392 | 1.50 | cps |
| Sodium | 23-2 | 4353598 | 4333695 | 4218067 | 4301786 | 1.70 | cps |
| Strontium | 86-1 | 165717 | 164868 | 165130 | 165238 | 0.26 | cps |
| Strontium | 88-1 | 1504164 | 1548308 | 1548644 | 1533705 | 1.67 | cps |
| Sulfur | 34-1 | 759345 | 759343 | 759902 | 759530 | 0.04 | cps |
| Terbium | 159-1 | 4568219 | 4540448 | 4516150 | 4541605 | 0.57 | cps |
| Terbium | 159-2 | 3454799 | 3513740 | 3520875 | 3496471 | 1.04 | cps |
| Thallium | 203-1 | 3961 | 3971 | 4051 | 3994 | 1.24 | cps |
| Thallium | 205-1 | 9503 | 9644 | 9557 | 9568 | 0.74 | cps |
| Tin | 118-1 | 319802 | 327654 | 321192 | 322883 | 1.30 | cps |
| Titanium | 47-1 | 265389 | 269658 | 269088 | 268045 | 0.86 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-05DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S07-102116-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 20:57:18 | DataFile Name : | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 35378 | 35362 | 35365 | 35368 | 0.02 | cps |
| Vanadium | 51-2 | 169559 | 171220 | 169825 | 170202 | 0.52 | cps |
| Yttrium | 89-1 | 6767009 | 6972887 | 6952298 | 6897398 | 1.64 | cps |
| Yttrium | 89-2 | 2111728 | 2129384 | 2138187 | 2126433 | 0.63 | cps |
| Zinc | 66-2 | 623277 | 624305 | 618457 | 622013 | 0.50 | cps |
| Zirconium | 90-1 | 149162 | 151399 | 150726 | 150429 | 0.76 | cps |
| Zirconium | 91-1 | 33709 | 33081 | 33495 | 33428 | 0.96 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 21:00:24 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 2167155 | 2176388 | 2213102 | 2185548 | 1.11 | cps |
| Antimony | 121-1 | 1693 | 1697 | 1667 | 1686 | 0.98 | cps |
| Arsenic | 75-2 | 31600 | 31673 | 32044 | 31773 | 0.75 | cps |
| Barium | 135-1 | 351746 | 357825 | 359838 | 356470 | 1.18 | cps |
| Barium | 137-1 | 619354 | 621711 | 633473 | 624846 | 1.21 | cps |
| Beryllium | 9-1 | 797 | 767 | 863 | 809 | 6.12 | cps |
| Bismuth | 209-1 | 2908852 | 2863273 | 2883378 | 2885168 | 0.79 | cps |
| Bismuth | 209-2 | 2559918 | 2560251 | 2605612 | 2575260 | 1.02 | cps |
| Bromine | 81-1 | 54086 | 59312 | 63449 | 58949 | 7.96 | cps |
| Bromine | 81-2 | 12642 | 12539 | 12802 | 12661 | 1.05 | cps |
| Cadmium | 108-1 | 283 | 300 | 327 | 303 | 7.21 | cps |
| Cadmium | 106-1 | 2137 | 2067 | 1867 | 2023 | 6.93 | cps |
| Cadmium | 111-1 | 4875 | 4491 | 4612 | 4659 | 4.21 | cps |
| Calcium | 43-1 | 64276 | 64128 | 64614 | 64339 | 0.39 | cps |
| Calcium | 44-1 | 1063236 | 1056437 | 1061850 | 1060508 | 0.34 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 350699 | 344760 | 346347 | 347269 | 0.89 | cps |
| Cobalt | 59-2 | 57168 | 57781 | 58266 | 57738 | 0.95 | cps |
| Copper | 63-2 | 982219 | 990199 | 981972 | 984796 | 0.48 | cps |
| Dysprosium | 156-1 | 18466 | 18452 | 19010 | 18642 | 1.71 | cps |
| Dysprosium | 156-2 | 17885 | 17995 | 17985 | 17955 | 0.34 | cps |
| Erbium | 164-1 | 18002 | 18062 | 18175 | 18080 | 0.49 | cps |
| Erbium | 164-2 | 13800 | 13764 | 13910 | 13825 | 0.55 | cps |
| Gadolinium | 160-1 | 19701 | 19657 | 20238 | 19865 | 1.63 | cps |
| Gadolinium | 160-2 | 15752 | 15769 | 16179 | 15900 | 1.52 | cps |
| Holmium | 165-1 | 4497762 | 4554970 | 4458111 | 4503615 | 1.08 | cps |
| Holmium | 165-2 | 3539484 | 3531745 | 3527513 | 3532914 | 0.17 | cps |
| Indium | 115-1 | 3565966 | 3609036 | 3654603 | 3609869 | 1.23 | cps |
| Indium | 115-2 | 1418846 | 1412868 | 1414173 | 1415296 | 0.22 | cps |
| Iron | 56-2 | 123110842 | 120377508 | 119780332 | 121089560 | 1.47 | cps |
| Iron | 57-2 | 2961291 | 2990180 | 2999701 | 2983724 | 0.67 | cps |
| Iron | 54-2 | 6681778 | 6628273 | 6760109 | 6690054 | 0.99 | cps |
| Krypton | 83-1 | 397 | 363 | 367 | 376 | 4.89 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 21:00:24 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 3083384 | 3085723 | 3158897 | 3109335 | 1.38 | cps |
| Lead | 207-1 | 2518539 | 2550231 | 2461745 | 2510172 | 1.79 | cps |
| Lead | 208-1 | 11909210 | 11879780 | 11708199 | 11832396 | 0.92 | cps |
| Lithium | 6-1 | 604480 | 596644 | 603052 | 601392 | 0.69 | cps |
| Magnesium | 24-2 | 2068091 | 1995491 | 2037081 | 2033555 | 1.79 | cps |
| Manganese | 55-2 | 1178237 | 1195354 | 1185249 | 1186280 | 0.73 | cps |
| Molybdenum | 94-1 | 37535 | 38394 | 37698 | 37876 | 1.20 | cps |
| Molybdenum | 95-1 | 8216 | 7872 | 7929 | 8006 | 2.30 | cps |
| Molybdenum | 96-1 | 14597 | 14808 | 14047 | 14484 | 2.71 | cps |
| Molybdenum | 97-1 | 5151 | 4968 | 5078 | 5065 | 1.82 | cps |
| Molybdenum | 98-1 | 13046 | 12612 | 13139 | 12932 | 2.18 | cps |
| Neodymium | 150-1 | 29524 | 29244 | 29291 | 29353 | 0.51 | cps |
| Neodymium | 150-2 | 18980 | 18823 | 18786 | 18863 | 0.55 | cps |
| Nickel | 60-2 | 65864 | 66815 | 66018 | 66232 | 0.77 | cps |
| Phosphorus | 31-2 | 7312 | 7128 | 6952 | 7131 | 2.53 | cps |
| Potassium | 39-2 | 797299 | 794819 | 791763 | 794627 | 0.35 | cps |
| Rhodium | 103-1 | 3696819 | 3605164 | 3684888 | 3662291 | 1.36 | cps |
| Rhodium | 103-2 | 2463212 | 2448817 | 2427328 | 2446453 | 0.74 | cps |
| Scandium | 45-1 | 2292046 | 2240797 | 2282264 | 2271702 | 1.20 | cps |
| Scandium | 45-2 | 240321 | 242651 | 242820 | 241931 | 0.58 | cps |
| Selenium | 82-1 | 765 | 745 | 682 | 731 | 5.98 | cps |
| Selenium | 77-2 | 177 | 177 | 183 | 179 | 2.15 | cps |
| Selenium | 78-2 | 560 | 583 | 537 | 560 | 4.17 | cps |
| Silicon | 28-1 | 3322694 | 3071639 | 3378542 | 3257625 | 5.02 | cps |
| Silver | 107-1 | 23910 | 24377 | 24477 | 24255 | 1.25 | cps |
| Silver | 109-1 | 22965 | 23058 | 22584 | 22869 | 1.10 | cps |
| Sodium | 23-2 | 403153 | 400569 | 402033 | 401918 | 0.32 | cps |
| Strontium | 86-1 | 65840 | 64799 | 64310 | 64983 | 1.20 | cps |
| Strontium | 88-1 | 573410 | 567670 | 578274 | 573118 | 0.93 | cps |
| Sulfur | 34-1 | 519818 | 522571 | 524048 | 522146 | 0.41 | cps |
| Terbium | 159-1 | 4500640 | 4513221 | 4448666 | 4487509 | 0.76 | cps |
| Terbium | 159-2 | 3393192 | 3409302 | 3344165 | 3382220 | 1.00 | cps |
| Thallium | 203-1 | 2464 | 2434 | 2234 | 2377 | 5.26 | cps |
| Thallium | 205-1 | 5451 | 5778 | 5948 | 5726 | 4.41 | cps |
| Tin | 118-1 | 107924 | 108304 | 110335 | 108854 | 1.19 | cps |
| Titanium | 47-1 | 196579 | 193910 | 192671 | 194387 | 1.03 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | Q3395-07DLX5 | Instrumnet Name : | P7 |
| Client Sample ID : | PR132-S08-038048-2025 | Dilution Factor : | 5 |
| Date & Time Acquired : | 2025-10-22 21:00:24 | DataFile Name : | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 25011 | 24941 | 25288 | 25080 | 0.73 | cps |
| Vanadium | 51-2 | 105113 | 102261 | 103412 | 103595 | 1.39 | cps |
| Yttrium | 89-1 | 6871277 | 6638011 | 6831549 | 6780279 | 1.84 | cps |
| Yttrium | 89-2 | 2019108 | 2088514 | 2065349 | 2057657 | 1.72 | cps |
| Zinc | 66-2 | 379336 | 378410 | 380278 | 379341 | 0.25 | cps |
| Zirconium | 90-1 | 90991 | 88807 | 89695 | 89831 | 1.22 | cps |
| Zirconium | 91-1 | 20381 | 20194 | 19970 | 20182 | 1.02 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:03:39 | DataFile Name : | 142CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 7420285 | 7203105 | 7169931 | 7264440 | 1.87 | cps |
| Antimony | 121-1 | 2329717 | 2345838 | 2381940 | 2352498 | 1.14 | cps |
| Arsenic | 75-2 | 186302 | 186732 | 184550 | 185861 | 0.62 | cps |
| Barium | 135-1 | 2679861 | 2777587 | 2745675 | 2734374 | 1.82 | cps |
| Barium | 137-1 | 4687209 | 4802918 | 4781545 | 4757224 | 1.29 | cps |
| Beryllium | 9-1 | 413409 | 415302 | 412904 | 413871 | 0.31 | cps |
| Bismuth | 209-1 | 2713448 | 2785395 | 2773207 | 2757350 | 1.40 | cps |
| Bismuth | 209-2 | 2524953 | 2437918 | 2445460 | 2469444 | 1.95 | cps |
| Bromine | 81-1 | 17894 | 17300 | 16336 | 17177 | 4.58 | cps |
| Bromine | 81-2 | 1717 | 1683 | 1787 | 1729 | 3.05 | cps |
| Cadmium | 108-1 | 46290 | 45698 | 45993 | 45994 | 0.64 | cps |
| Cadmium | 106-1 | 65678 | 66914 | 65480 | 66024 | 1.18 | cps |
| Cadmium | 111-1 | 638841 | 648068 | 648108 | 645006 | 0.83 | cps |
| Calcium | 43-1 | 3125319 | 3185402 | 3202409 | 3171043 | 1.28 | cps |
| Calcium | 44-1 | 51485998 | 50779953 | 51064021 | 51109990 | 0.70 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1272764 | 1300033 | 1257924 | 1276907 | 1.67 | cps |
| Cobalt | 59-2 | 1985202 | 1956783 | 2006248 | 1982745 | 1.25 | cps |
| Copper | 63-2 | 14992620 | 15279541 | 15102757 | 15124973 | 0.96 | cps |
| Dysprosium | 156-1 | 180 | 150 | 137 | 156 | 14.27 | cps |
| Dysprosium | 156-2 | 320 | 310 | 293 | 308 | 4.38 | cps |
| Erbium | 164-1 | 313 | 283 | 323 | 307 | 6.79 | cps |
| Erbium | 164-2 | 257 | 270 | 197 | 241 | 16.20 | cps |
| Gadolinium | 160-1 | 140 | 197 | 207 | 181 | 19.85 | cps |
| Gadolinium | 160-2 | 310 | 410 | 370 | 363 | 13.85 | cps |
| Holmium | 165-1 | 4558211 | 4652935 | 4554646 | 4588597 | 1.21 | cps |
| Holmium | 165-2 | 3658152 | 3623152 | 3554678 | 3611994 | 1.46 | cps |
| Indium | 115-1 | 3495328 | 3592099 | 3515677 | 3534368 | 1.44 | cps |
| Indium | 115-2 | 1385620 | 1375371 | 1351133 | 1370708 | 1.29 | cps |
| Iron | 56-2 | 288510669 | 291907509 | 284481742 | 288299973 | 1.29 | cps |
| Iron | 57-2 | 7262543 | 7433224 | 7302314 | 7332694 | 1.22 | cps |
| Iron | 54-2 | 15974776 | 15831576 | 15836915 | 15881089 | 0.51 | cps |
| Krypton | 83-1 | 367 | 287 | 363 | 339 | 13.35 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:03:39 | DataFile Name : | 142CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 9138708 | 9325831 | 9221365 | 9228635 | 1.02 | cps |
| Lead | 207-1 | 7714370 | 7792404 | 7759641 | 7755472 | 0.51 | cps |
| Lead | 208-1 | 35606783 | 36157096 | 36003887 | 35922589 | 0.79 | cps |
| Lithium | 6-1 | 596070 | 603620 | 602098 | 600596 | 0.66 | cps |
| Magnesium | 24-2 | 66482182 | 64553067 | 65068589 | 65367946 | 1.53 | cps |
| Manganese | 55-2 | 10684129 | 10752073 | 10617098 | 10684433 | 0.63 | cps |
| Molybdenum | 94-1 | 8621031 | 8735217 | 8813883 | 8723377 | 1.11 | cps |
| Molybdenum | 95-1 | 12096852 | 12462579 | 12271127 | 12276853 | 1.49 | cps |
| Molybdenum | 96-1 | 13293031 | 13528362 | 13617611 | 13479668 | 1.24 | cps |
| Molybdenum | 97-1 | 7519469 | 7659612 | 7571807 | 7583630 | 0.93 | cps |
| Molybdenum | 98-1 | 20045141 | 20239178 | 20318981 | 20201100 | 0.70 | cps |
| Neodymium | 150-1 | 160 | 180 | 157 | 166 | 7.62 | cps |
| Neodymium | 150-2 | 70 | 80 | 90 | 80 | 12.50 | cps |
| Nickel | 60-2 | 491121 | 496307 | 486281 | 491237 | 1.02 | cps |
| Phosphorus | 31-2 | 87036 | 86610 | 85799 | 86482 | 0.73 | cps |
| Potassium | 39-2 | 34181018 | 33921014 | 33499511 | 33867181 | 1.02 | cps |
| Rhodium | 103-1 | 3503982 | 3456190 | 3472436 | 3477536 | 0.70 | cps |
| Rhodium | 103-2 | 2351732 | 2341657 | 2329783 | 2341057 | 0.47 | cps |
| Scandium | 45-1 | 2201221 | 2208578 | 2249037 | 2219612 | 1.16 | cps |
| Scandium | 45-2 | 239973 | 237837 | 235075 | 237628 | 1.03 | cps |
| Selenium | 82-1 | 52754 | 53529 | 52890 | 53058 | 0.78 | cps |
| Selenium | 77-2 | 6602 | 6235 | 6205 | 6347 | 3.48 | cps |
| Selenium | 78-2 | 21512 | 21065 | 20945 | 21174 | 1.41 | cps |
| Silicon | 28-1 | 24625882 | 25030699 | 24045180 | 24567254 | 2.02 | cps |
| Silver | 107-1 | 3147340 | 3240276 | 3273625 | 3220414 | 2.03 | cps |
| Silver | 109-1 | 3045393 | 3032845 | 3058459 | 3045566 | 0.42 | cps |
| Sodium | 23-2 | 103025058 | 102271788 | 99819762 | 101705536 | 1.65 | cps |
| Strontium | 86-1 | 750376 | 759446 | 761626 | 757149 | 0.79 | cps |
| Strontium | 88-1 | 6947131 | 6964997 | 6881256 | 6931128 | 0.64 | cps |
| Sulfur | 34-1 | 373126 | 371417 | 369603 | 371382 | 0.47 | cps |
| Terbium | 159-1 | 4586095 | 4666066 | 4603782 | 4618648 | 0.91 | cps |
| Terbium | 159-2 | 3517908 | 3507431 | 3425244 | 3483528 | 1.46 | cps |
| Thallium | 203-1 | 2242862 | 2263175 | 2256484 | 2254174 | 0.46 | cps |
| Thallium | 205-1 | 5341220 | 5406683 | 5358696 | 5368867 | 0.63 | cps |
| Tin | 118-1 | 1943030 | 2015231 | 1984011 | 1980757 | 1.83 | cps |
| Titanium | 47-1 | 3211942 | 3195182 | 3194558 | 3200561 | 0.31 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCV10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCV10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:03:39 | DataFile Name : | 142CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 6655832 | 6814445 | 6830461 | 6766912 | 1.43 | cps |
| Vanadium | 51-2 | 1077267 | 1079121 | 1064835 | 1073741 | 0.72 | cps |
| Yttrium | 89-1 | 6372663 | 6345912 | 6251849 | 6323475 | 1.00 | cps |
| Yttrium | 89-2 | 1959796 | 1959238 | 1922576 | 1947203 | 1.10 | cps |
| Zinc | 66-2 | 2870264 | 2845490 | 2827288 | 2847681 | 0.76 | cps |
| Zirconium | 90-1 | 4249204 | 4285798 | 4214363 | 4249788 | 0.84 | cps |
| Zirconium | 91-1 | 909478 | 929692 | 928600 | 922590 | 1.23 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

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|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:06:31 | DataFile Name : | 143CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Aluminium | 27-2 | 480 | 417 | 430 | 442 | 7.55 | cps |
| Antimony | 121-1 | 873 | 883 | 993 | 917 | 7.26 | cps |
| Arsenic | 75-2 | 4 | 1 | 8 | 5 | 75.83 | cps |
| Barium | 135-1 | 53 | 37 | 33 | 41 | 26.06 | cps |
| Barium | 137-1 | 87 | 97 | 107 | 97 | 10.34 | cps |
| Beryllium | 9-1 | 20 | 23 | 30 | 24 | 20.83 | cps |
| Bismuth | 209-1 | 2937697 | 2886104 | 2911967 | 2911923 | 0.89 | cps |
| Bismuth | 209-2 | 2643415 | 2626849 | 2578357 | 2616207 | 1.29 | cps |
| Bromine | 81-1 | 12088 | 11685 | 11665 | 11813 | 2.02 | cps |
| Bromine | 81-2 | 957 | 910 | 870 | 912 | 4.76 | cps |
| Cadmium | 108-1 | 7 | 7 | 3 | 6 | 34.70 | cps |
| Cadmium | 106-1 | 1600 | 1520 | 1610 | 1577 | 3.13 | cps |
| Cadmium | 111-1 | 1159 | 1106 | 1158 | 1141 | 2.65 | cps |
| Calcium | 43-1 | 180 | 150 | 123 | 151 | 18.76 | cps |
| Calcium | 44-1 | 15425 | 15805 | 15575 | 15602 | 1.23 | cps |
| Carbon | 12-1 | | | | | | cps |
| Carbon | 12-2 | | | | | | cps |
| Chlorine | 35-1 | | | | | | cps |
| Chlorine | 35-2 | | | | | | cps |
| Chromium | 52-2 | 1437 | 1490 | 1483 | 1470 | 1.98 | cps |
| Cobalt | 59-2 | 47 | 67 | 47 | 53 | 21.65 | cps |
| Copper | 63-2 | 1213 | 1233 | 1163 | 1203 | 3.00 | cps |
| Dysprosium | 156-1 | 0 | 0 | 7 | 2 | 173.21 | cps |
| Dysprosium | 156-2 | 0 | 0 | 3 | 1 | 173.21 | cps |
| Erbium | 164-1 | 23 | 23 | 40 | 29 | 33.32 | cps |
| Erbium | 164-2 | 13 | 13 | 27 | 18 | 43.33 | cps |
| Gadolinium | 160-1 | 13 | 10 | 7 | 10 | 33.30 | cps |
| Gadolinium | 160-2 | 250 | 197 | 270 | 239 | 15.87 | cps |
| Holmium | 165-1 | 4582840 | 4673618 | 4539930 | 4598796 | 1.48 | cps |
| Holmium | 165-2 | 3547739 | 3574827 | 3431721 | 3518096 | 2.16 | cps |
| Indium | 115-1 | 3619478 | 3559639 | 3579789 | 3586302 | 0.85 | cps |
| Indium | 115-2 | 1395257 | 1407630 | 1396665 | 1399851 | 0.48 | cps |
| Iron | 56-2 | 25715 | 26223 | 25518 | 25819 | 1.41 | cps |
| Iron | 57-2 | 1413 | 1500 | 1483 | 1466 | 3.14 | cps |
| Iron | 54-2 | 2350 | 2387 | 2234 | 2324 | 3.45 | cps |
| Krypton | 83-1 | 327 | 307 | 387 | 340 | 12.25 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:06:31 | DataFile Name : | 143CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Lead | 206-1 | 707 | 730 | 680 | 706 | 3.55 | cps |
| Lead | 207-1 | 543 | 557 | 550 | 550 | 1.21 | cps |
| Lead | 208-1 | 2580 | 2687 | 2500 | 2589 | 3.62 | cps |
| Lithium | 6-1 | 601768 | 591347 | 594519 | 595878 | 0.90 | cps |
| Magnesium | 24-2 | 630 | 657 | 583 | 623 | 5.96 | cps |
| Manganese | 55-2 | 590 | 570 | 660 | 607 | 7.79 | cps |
| Molybdenum | 94-1 | 583 | 577 | 553 | 571 | 2.76 | cps |
| Molybdenum | 95-1 | 640 | 447 | 473 | 520 | 20.15 | cps |
| Molybdenum | 96-1 | 723 | 697 | 623 | 681 | 7.60 | cps |
| Molybdenum | 97-1 | 383 | 347 | 377 | 369 | 5.29 | cps |
| Molybdenum | 98-1 | 1000 | 907 | 760 | 889 | 13.61 | cps |
| Neodymium | 150-1 | 7 | 3 | 3 | 4 | 43.40 | cps |
| Neodymium | 150-2 | 7 | 3 | 0 | 3 | 100.05 | cps |
| Nickel | 60-2 | 357 | 350 | 313 | 340 | 6.86 | cps |
| Phosphorus | 31-2 | 297 | 313 | 337 | 316 | 6.37 | cps |
| Potassium | 39-2 | 59553 | 58713 | 58817 | 59027 | 0.78 | cps |
| Rhodium | 103-1 | 3659290 | 3641447 | 3544230 | 3614989 | 1.71 | cps |
| Rhodium | 103-2 | 2476371 | 2491285 | 2468002 | 2478553 | 0.48 | cps |
| Scandium | 45-1 | 2186226 | 2184600 | 2128909 | 2166578 | 1.51 | cps |
| Scandium | 45-2 | 229421 | 231124 | 229879 | 230142 | 0.38 | cps |
| Selenium | 82-1 | 263 | 316 | 260 | 280 | 11.10 | cps |
| Selenium | 77-2 | 0 | 7 | 0 | 2 | 173.21 | cps |
| Selenium | 78-2 | 313 | 323 | 317 | 318 | 1.60 | cps |
| Silicon | 28-1 | 564075 | 565416 | 561565 | 563685 | 0.35 | cps |
| Silver | 107-1 | 333 | 307 | 223 | 288 | 19.94 | cps |
| Silver | 109-1 | 290 | 270 | 257 | 272 | 6.16 | cps |
| Sodium | 23-2 | 37953 | 37572 | 36831 | 37452 | 1.52 | cps |
| Strontium | 86-1 | 547 | 557 | 627 | 577 | 7.56 | cps |
| Strontium | 88-1 | 187 | 150 | 160 | 166 | 11.45 | cps |
| Sulfur | 34-1 | 150002 | 149512 | 150516 | 150010 | 0.33 | cps |
| Terbium | 159-1 | 4583090 | 4714830 | 4609115 | 4635678 | 1.51 | cps |
| Terbium | 159-2 | 3433450 | 3446913 | 3405021 | 3428461 | 0.62 | cps |
| Thallium | 203-1 | 463 | 327 | 323 | 371 | 21.53 | cps |
| Thallium | 205-1 | 1010 | 927 | 850 | 929 | 8.62 | cps |
| Tin | 118-1 | 1290 | 1123 | 1263 | 1226 | 7.31 | cps |
| Titanium | 47-1 | 100 | 63 | 63 | 76 | 28.02 | cps |

Reviewed By:jaswal
On:10/24/2025 6:19:47 PM
Inst Id :P7
LB :LB137619

| | | | |
|---|---|---|---|
| LB Number : | LB137619 | Operator : | Jaswal |
| Lab Sample ID : | CCB10 | Instrumnet Name : | P7 |
| Client Sample ID : | CCB10 | Dilution Factor : | 1 |
| Date & Time Acquired : | 2025-10-22 21:06:31 | DataFile Name : | 143CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|---|---|---|---|---|---|---|---|
| Uranium | 238-1 | 127 | 107 | 73 | 102 | 26.36 | cps |
| Vanadium | 51-2 | 17 | 27 | 17 | 20 | 28.86 | cps |
| Yttrium | 89-1 | 6273824 | 6268233 | 6413467 | 6318508 | 1.30 | cps |
| Yttrium | 89-2 | 1941813 | 1930595 | 1923636 | 1932015 | 0.47 | cps |
| Zinc | 66-2 | 1460 | 1523 | 1340 | 1441 | 6.46 | cps |
| Zirconium | 90-1 | 653 | 617 | 577 | 616 | 6.23 | cps |
| Zirconium | 91-1 | 160 | 147 | 97 | 134 | 24.83 | cps |

Alliance TECHNICAL GROUP

**Soil/Sludge Mercury Preparation Sheet**

PB170201

**SOP ID :** M7471B-Mercury-19

**SDG No :** NA

**Matrix :** SOIL

**Pippete ID:** HG A

**Balance ID :** M SC-3

**Filter paper ID :** N/A

**pH Strip ID :** NA

**Hood ID :** #1

**Block ID:** 1. HG HOT BLOCK#3 2. N/A

**Start Digest Date:** 10/21/2025 **Time :** 11:20 **Temp :** 94 °C

**End Digest Date:** 10/21/2025 **Time :** 11:50 **Temp :** 94 °C

**Digestion tube ID:** M5595

**Block thermometer ID:** HG-DIG#3

**Dig Technician Signature:** mm

**Supervisor Signature:** mm

**Temp :** 1. 94°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| ICV | 30mL | MP87692 |
| CCV | 30mL | MP87694 |
| CRA | 30mL | MP87696 |
| Blank Spike | 0.48mL | MP87685 |
| Matrix Spike | 0.48mL | MP87685 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| AQUA REGIA | 1.5Ml | MP87698 |
| KMnO4 (5%) | 4.5mL | MP87072 |
| Hydroxylamine HCL (12%) | 2.0Ml | MP87149 |
| PTFE Boiling Stones | -------- | M5582 |
| 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 | 30mL | MP87686 |
| 0.05 ppb | S0.05 | N/A | N/A |
| 0.2 ppb | S0.2 | 30mL | MP87687 |
| 2.5 ppb | S2.5 | 30mL | MP87688 |
| 5.0 ppb | S5.0 | 30mL | MP87689 |
| 7.5 ppb | S7.5 | 30mL | MP87690 |
| 10.0 ppb | S10.0 | 30mL | MP87691 |
| ICV | ICV | 30mL | MP87692 |
| ICB | ICB | 30mL | MP87693 |
| CCV | CCV | 30mL | MP87694 |
| CCB | CCB | 30mL | MP87695 |
| CRI | CRI | 30mL | MP87696 |
| CHK STD | CHK STD | 30mL | MP87697 |

**Extraction Conformance/Non-Conformance Comments:**

N/A

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 10/29/25 12:30 | mm met dig | mm hot dig |
| | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

**Soil/Sludge Mercury Preparation Sheet**

**PB170201**

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Comment | Prep Pos |
|---|---|---|---|---|---|---|
| PB170201BL | PBS201 | 0.54 | 35 | N/A | N/A | 3-1 |
| PB170201BS | LCS201 | 0.57 | 35 | N/A | MP87685 | 2 |
| Q3393-01 | PR132-S10-000022-20251017 | 0.60 | 35 | N/A | N/A | 3 |
| Q3393-02 | PR132-S10-022047-20251017 | 0.52 | 35 | N/A | N/A | 4 |
| Q3393-03 | PR132-S08-013038-20251017 | 0.53 | 35 | N/A | N/A | 5 |
| Q3393-04 | PR132-S06-000021-20251017 | 0.55 | 35 | N/A | N/A | 6 |
| Q3393-05 | PR132-S08-000013-20251017 | 0.59 | 35 | N/A | N/A | 7 |
| Q3395-01 | PR132-S09-000051-20251017 | 0.60 | 35 | N/A | N/A | 8 |
| Q3395-02 | PR132-S07-000102-20251017 | 0.58 | 35 | N/A | N/A | 9 |
| Q3395-02DUP | PR132-S07-000102-20251017DUP | 0.57 | 35 | N/A | N/A | 10 |
| Q3395-03 | Q3395-02MS | 0.59 | 35 | N/A | MP87685 | 11 |
| Q3395-04 | Q3395-02MSD | 0.60 | 35 | N/A | MP87685 | 12 |
| Q3395-05 | PR132-S07-102116-20251017 | 0.57 | 35 | N/A | N/A | 13 |
| Q3395-06 SB 10/29/25 | ~~PR132-COMP03-20251017~~ PR132 COMP3-2025-2025101 | 0.51 | 35 | N/A | N/A | 14 |
| Q3395-07 | PR132-S08-038048-20251017 | 0.50 | 35 | N/A | N/A | 15 |
| Q3397-01 | TP-7-WC | 0.52 | 35 | N/A | N/A | 16 |
| Q3402-01 | 41-LA | 0.50 | 35 | N/A | N/A | 17 |
| Q3402-04 | 41-RA | 0.58 | 35 | N/A | N/A | 18 |
| Q3402-07 | 41-LB | 0.60 | 35 | N/A | N/A | 19 |
| Q3402-10 | 41-RB | 0.60 | 35 | N/A | N/A | 20 |
| Q3403-01 | MH-18 | 0.55 | 35 | N/A | N/A | 21 |

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** 102125_7471B **WorkList ID :** 192586 **Department :** Digestion **Date :** 10-21-2025 10:53:17

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3393-01 | PR132-S10-000022-20251017 | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3393-02 | PR132-S10-022047-20251017 | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3393-03 | PR132-S08-013038-20251017 | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3393-04 | PR132-S06-000021-20251017 | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3393-05 | PR132-S08-000013-20251017 | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3395-01 | PR132-S09-000051-20251017 | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3395-02 | PR132-S07-000102-20251017 | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3395-03 | Q3395-02MS | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3395-04 | Q3395-02MSD | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3395-05 | PR132-S07-102116-20251017 | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3395-06 | PR132-COMP03-2025-2025101 | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3395-07 | PR132-S08-038048-20251017 | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3397-01 | TP-7-WC | Solid | Mercury | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 7471B |
| Q3402-01 | 41-LA | Solid | Mercury | Cool 4 deg C | PSEG03 | D31 | 10/18/2025 | 7471B |
| Q3402-04 | 41-RA | Solid | Mercury | Cool 4 deg C | PSEG03 | D31 | 10/20/2025 | 7471B |
| Q3402-07 | 41-LB | Solid | Mercury | Cool 4 deg C | PSEG03 | D31 | 10/20/2025 | 7471B |
| Q3402-10 | 41-RB | Solid | Mercury | Cool 4 deg C | PSEG03 | D31 | 10/20/2025 | 7471B |
| Q3403-01 | MH-18 | Solid | Mercury | Cool 4 deg C | PSEG03 | D41 | 10/20/2025 | 7471B |

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**Date/Time** 10/21/25 10:10
**Raw Sample Received by:** SLG met dig
**Raw Sample Relinquished by:** CP CSM



**Date/Time** 10/21/25 11:10
**Raw Sample Received by:** CP CSM
**Raw Sample Relinquished by:** SLG met dig

Q3395-METALS

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

PB170186

**SOP ID :** M3050B-Digestion-20

**SDG No :** N/A

**Matrix :** SOIL

**Pippete ID:** ICP A

**Balance ID :** M SC-2

**Filter paper ID :** N/A

**pH Strip ID :** N/A

**Hood ID :** #3

**Block ID:** 1. HOT BLOCK #2 2. N/A

**Start Digest Date:** 10/21/2025 **Time :** 10:45 **Temp :** 95 °C

**End Digest Date:** 10/21/2025 **Time :** 12:46 **Temp :** 95 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** MET-DIG. #2

**Dig Technician Signature:** SLY.

**Supervisor Signature:** MB

**Temp :** 1. 95°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| Spike Sol 1 | 1.00 | MP87570 |
| Spike Sol 2 | 2.00 | MP87575 |
| Spike Sol 3 | 2.00 | MP87578 |
| Spike Sol 4 | 2.00 | MP87581 |
| Spike Sol 5 | 2.00 | MP87582 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| Conc. HNO3 | 3.00 | M6158 |
| 1:1 HNO3 | 10.00 | MP86978 |
| 30% H2O2 | 3.00 | M6170 |
| PTFE Boiling Stones | N/A | M5581 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK#2 CELL#35 96 C
X*MP87578,MP87581,MP87582

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 10/21/25 13:46 | SLY met dig | MB. metal inj |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

**PB170186**

| Lab Sample ID | Client Sample ID | pH | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| PB170186BL | PBS186 | N/A | 1.00 | 100 | Colorless | Colorless | Fine | No | N/A | 1 |
| PB170186BS | LCS186 | N/A | 1.00 | 100 | Colorless | Colorless | Fine | No | MP87570,MP87575,X* | 2 |
| Q3393-01 | PR132-S10-000022-202510 17 | N/A | 1.27 | 100 | Black | Yellow | Medium | No | N/A | 3 |
| Q3393-02 | PR132-S10-022047-202510 17 | N/A | 1.20 | 100 | Black | Yellow | Medium | No | N/A | 4 |
| Q3393-03 | PR132-S08-013038-202510 17 | N/A | 1.16 | 100 | Black | Yellow | Medium | No | N/A | 5 |
| Q3393-04 | PR132-S06-000021-202510 17 | N/A | 1.14 | 100 | Black | Yellow | Medium | No | N/A | 6 |
| Q3393-05 | PR132-S08-000013-202510 17 | N/A | 1.20 | 100 | Black | Yellow | Medium | No | N/A | 7 |
| Q3395-01 | PR132-S09-000051-202510 17 | N/A | 1.18 | 100 | Black | Yellow | Medium | No | N/A | 8 |
| Q3395-02 | PR132-S07-000102-202510 17 | N/A | 1.16 | 100 | Black | Yellow | Medium | No | N/A | 9 |
| Q3395-02DUP | PR132-S07-000102-202510 17DUP | N/A | 1.23 | 100 | Black | Yellow | Medium | No | N/A | 10 |
| Q3395-03 | Q3395-02MS | N/A | 1.20 | 100 | Black | Yellow | Medium | No | MP87570,MP87575,X* | 11 |
| Q3395-04 | Q3395-02MSD | N/A | 1.22 | 100 | Black | Yellow | Medium | No | MP87570,MP87575,X* | 12 |
| Q3395-05 | PR132-S07-102116-202510 17 | N/A | 1.08 | 100 | Black | Yellow | Medium | No | N/A | 13 |
| Q3395-06 | PR132-COMP03-20251017 2025 10/17 PR132-COMP03-2025- | N/A | 1.18 | 100 | Black | Yellow | Medium | No | N/A | 14 |
| Q3395-07 | PR132-S08-038048-202510 17 | N/A | 1.16 | 100 | Black | Yellow | Medium | No | N/A | 15 |

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** PB170186 **WorkList ID :** 192581 **Department :** Digestion **Date :** 10-21-2025 10:03:58

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3393-01 | PR132-S10-000022-20251017 | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3393-02 | PR132-S10-022047-20251017 | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3393-03 | PR132-S08-013038-20251017 | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3393-04 | PR132-S06-000021-20251017 | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3393-05 | PR132-S08-000013-20251017 | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3395-01 | PR132-S09-000051-20251017 | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3395-02 | PR132-S07-000102-20251017 | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3395-03 | Q3395-02MS | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3395-04 | Q3395-02MSD | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3395-05 | PR132-S07-102116-20251017 | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3395-06 | PR132-COMP03-2025-2025101 | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |
| Q3395-07 | PR132-S08-038048-20251017 | Solid | Metals ICP-TAL | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | 6020B |

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**Date/Time** 10/21/25 10:10
**Raw Sample Received by:** SPS metdiq
**Raw Sample Relinquished by:** CVP (Smq)



**Date/Time** 10/21/25 11:10
**Raw Sample Received by:** CVP (Smq)
**Raw Sample Relinquished by:** SPS metdiq

Q3395-METALS

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 10/21/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:25
**In Date:** 10/20/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:15
**Out Date:** 10/21/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB137589

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q3368-06 | OUTSIDE-DUMPSTER | 1 | 1.12 | 10.63 | 11.75 | 8.28 | 67.4 | |
| Q3368-07 | PRESS-SLUDGE | 2 | 1.18 | 10.30 | 11.48 | 7.89 | 65.1 | |
| Q3393-01 | PR132-S10-000022-20251017 | 3 | 1.17 | 10.44 | 11.61 | 7.02 | 56.0 | |
| Q3393-02 | PR132-S10-022047-20251017 | 4 | 1.14 | 10.48 | 11.62 | 6.8 | 54.0 | |
| Q3393-03 | PR132-S08-013038-20251017 | 5 | 1.11 | 10.85 | 11.96 | 6.84 | 52.8 | |
| Q3393-04 | PR132-S06-000021-20251017 | 6 | 1.13 | 10.50 | 11.63 | 7.03 | 56.2 | |
| Q3393-05 | PR132-S08-000013-20251017 | 7 | 1.12 | 10.53 | 11.65 | 6.6 | 52.0 | |
| Q3395-01 | PR132-S09-000051-20251017 | 8 | 1.15 | 10.48 | 11.63 | 6.69 | 52.9 | |
| Q3395-02 | PR132-S07-000102-20251017 | 9 | 1.14 | 10.21 | 11.35 | 6.03 | 47.9 | |
| Q3395-03 | Q3395-02MS | 10 | 1.14 | 10.21 | 11.35 | 6.03 | 47.9 | |
| Q3395-04 | Q3395-02MSD | 11 | 1.14 | 10.21 | 11.35 | 6.03 | 47.9 | |
| Q3395-05 | PR132-S07-102116-20251017 | 12 | 1.13 | 10.12 | 11.25 | 6.33 | 51.4 | |
| Q3395-06 | PR132-COMP03-20251017 | 13 | 1.15 | 10.74 | 11.89 | 8.65 | 69.8 | |
| Q3395-07 | PR132-S08-038048-20251017 | 14 | 1.15 | 10.68 | 11.83 | 7.41 | 58.6 | |
| Q3396-01 | A | 15 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q3396-02 | B | 16 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q3396-03 | C | 17 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q3397-01 | TP-7-WC | 18 | 1.14 | 10.67 | 11.81 | 10.66 | 89.2 | |
| Q3397-02 | TP-7-EPH | 19 | 1.18 | 10.18 | 11.36 | 9.81 | 84.8 | |
| Q3397-03 | TP-7-VOC | 20 | 1.14 | 10.66 | 11.8 | 10.55 | 88.3 | |

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

# WORKLIST(Hardcopy Internal Chain)

LB137589

**WorkList Name :** % SOLID-102025 **WorkList ID :** 192564 **Department :** Wet-Chemistry **Date :** 10-20-2025 15:56:43

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3368-06 | OUTSIDE-DUMPSTER | Solid | Percent Solids | Cool 4 deg C | ARAM01 | D41 | 10/16/2025 | Chemtech -SO |
| Q3368-07 | PRESS-SLUDGE | Solid | Percent Solids | Cool 4 deg C | ARAM01 | D41 | 10/16/2025 | Chemtech -SO |
| Q3393-01 | PR132-S10-000022-20251017 | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3393-02 | PR132-S10-022047-20251017 | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3393-03 | PR132-S08-013038-20251017 | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3393-04 | PR132-S06-000021-20251017 | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3393-05 | PR132-S08-000013-20251017 | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3395-01 | PR132-S09-000051-20251017 | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3395-02 | PR132-S07-000102-20251017 | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3395-03 | Q3395-02MS | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3395-04 | Q3395-02MSD | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3395-05 | PR132-S07-102116-20251017 | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3395-06 | PR132-COMP03-20251017 | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3395-07 | PR132-S08-038048-20251017 | Solid | Percent Solids | Cool 4 deg C | AECO02 | D31 | 10/17/2025 | Chemtech -SO |
| Q3396-01 | A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/17/2025 | Chemtech -SO |
| Q3396-02 | B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/17/2025 | Chemtech -SO |
| Q3396-03 | C | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/17/2025 | Chemtech -SO |
| Q3397-01 | TP-7-WC | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/17/2025 | Chemtech -SO |
| Q3397-02 | TP-7-EPH | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/18/2025 | Chemtech -SO |
| Q3397-03 | TP-7-VOC | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/18/2025 | Chemtech -SO |

**Date/Time** 10/20/25 16:20

**Raw Sample Received by:**

**Raw Sample Relinquished by:**

**Date/Time** 10/20/25 17:40

**Raw Sample Received by:**

**Raw Sample Relinquished by:**

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 # LB137610

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 10/24/2025 6:54:44 PM |
| Supervise By | Janvi | Supervise On | 10/28/2025 3:11:04 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87670,MP87671,MP87672,MP87673,MP87674,MP87675 |
| ICV Standard | MP87676 |
| CCV Standard | MP87678 |
| ICSA Standard | |
| CRI Standard | MP87680 |
| LCS Standard | |
| Chk Standard | MP87677,MP87679,MP87681,MP87699 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 10/22/25 11:13 | | Sagar | OK |
| 2 | S0.2 | S0.2 | CAL2 | 10/22/25 11:16 | | Sagar | OK |
| 3 | S2.5 | S2.5 | CAL3 | 10/22/25 11:18 | | Sagar | OK |
| 4 | S5 | S5 | CAL4 | 10/22/25 11:20 | | Sagar | OK |
| 5 | S7.5 | S7.5 | CAL5 | 10/22/25 11:23 | | Sagar | OK |
| 6 | S10 | S10 | CAL6 | 10/22/25 11:25 | | Sagar | OK |
| 7 | ICV83 | ICV83 | ICV | 10/22/25 11:29 | | Sagar | OK |
| 8 | ICB83 | ICB83 | ICB | 10/22/25 11:31 | | Sagar | OK |
| 9 | CCV71 | CCV71 | CCV | 10/22/25 11:34 | | Sagar | OK |
| 10 | CCB71 | CCB71 | CCB | 10/22/25 11:36 | | Sagar | OK |
| 11 | CRA | CRA | CRDL | 10/22/25 11:39 | | Sagar | OK |
| 12 | HighStd | HighStd | HIGH STD | 10/22/25 11:41 | | Sagar | OK |
| 13 | ChkStd | ChkStd | SAM | 10/22/25 11:43 | | Sagar | OK |
| 14 | PB170201BL | PB170201BL | MB | 10/22/25 11:49 | | Sagar | OK |
| 15 | PB170201BS | PB170201BS | LCS | 10/22/25 11:51 | | Sagar | OK |
| 16 | Q3393-01 | PR132-S10-000022-2 | SAM | 10/22/25 11:54 | Hg High | Sagar | Dilution |
| 17 | Q3393-02 | PR132-S10-022047-2 | SAM | 10/22/25 11:57 | Hg High | Sagar | Dilution |
| 18 | Q3393-03 | PR132-S08-013038-2 | SAM | 10/22/25 12:00 | Hg High | Sagar | Dilution |

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Fax : 908 789 8922

**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137610

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 10/24/2025 6:54:44 PM |
| Supervise By | Janvi | Supervise On | 10/28/2025 3:11:04 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87670,MP87671,MP87672,MP87673,MP87674,MP87675 |
| ICV Standard | MP87676 |
| CCV Standard | MP87678 |
| ICSA Standard | |
| CRI Standard | MP87680 |
| LCS Standard | |
| Chk Standard | MP87677,MP87679,MP87681,MP87699 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q3393-04 | PR132-S06-000021-2 | SAM | 10/22/25 12:03 | Hg High | Sagar | Dilution |
| 20 | Q3393-05 | PR132-S08-000013-2 | SAM | 10/22/25 12:06 | Hg High | Sagar | Dilution |
| 21 | CCV72 | CCV72 | CCV | 10/22/25 12:14 | | Sagar | OK |
| 22 | CCB72 | CCB72 | CCB | 10/22/25 12:16 | | Sagar | OK |
| 23 | Q3395-01 | PR132-S09-000051-2 | SAM | 10/22/25 12:19 | Hg High | Sagar | Dilution |
| 24 | Q3395-02 | PR132-S07-000102-2 | SAM | 10/22/25 12:21 | Hg High | Sagar | Dilution |
| 25 | Q3395-02DUP | PR132-S07-000102-2 | DUP | 10/22/25 12:24 | Hg High | Sagar | Dilution |
| 26 | Q3395-03 | PR132-S07-000102-2 | MS | 10/22/25 12:28 | Hg High | Sagar | Dilution |
| 27 | Q3395-04 | PR132-S07-000102-2 | MSD | 10/22/25 12:31 | Hg High | Sagar | Dilution |
| 28 | Q3395-05 | PR132-S07-102116-2 | SAM | 10/22/25 12:34 | Hg High | Sagar | Dilution |
| 29 | Q3395-06 | PR132-COMP03-2025 | SAM | 10/22/25 12:37 | | Sagar | OK |
| 30 | Q3395-07 | PR132-S08-038048-2 | SAM | 10/22/25 12:40 | Hg High | Sagar | Dilution |
| 31 | Q3397-01 | TP-7-WC | SAM | 10/22/25 12:43 | | Sagar | OK |
| 32 | Q3402-01 | 41-LA | SAM | 10/22/25 12:46 | | Sagar | OK |
| 33 | CCV73 | CCV73 | CCV | 10/22/25 12:48 | | Sagar | OK |
| 34 | CCB73 | CCB73 | CCB | 10/22/25 12:54 | | Sagar | OK |
| 35 | Q3402-04 | 41-RA | SAM | 10/22/25 12:57 | | Sagar | OK |
| 36 | Q3402-07 | 41-LB | SAM | 10/22/25 13:00 | Hg High | Sagar | Dilution |
| 37 | Q3402-10 | 41-RB | SAM | 10/22/25 13:02 | Hg High | Sagar | Dilution |
| 38 | Q3403-01 | MH-18 | SAM | 10/22/25 13:05 | | Sagar | OK |

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**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137610

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 10/24/2025 6:54:44 PM |
| Supervise By | Janvi | Supervise On | 10/28/2025 3:11:04 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87670,MP87671,MP87672,MP87673,MP87674,MP87675 |
| ICV Standard | MP87676 |
| CCV Standard | MP87678 |
| ICSA Standard | |
| CRI Standard | MP87680 |
| LCS Standard | |
| Chk Standard | MP87677,MP87679,MP87681,MP87699 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 39 | Q3395-02L | PR132-S07-000102-2 | SD | 10/22/25 13:08 | | Sagar | OK |
| 40 | Q3393-01DL | PR132-S10-000022-2 | SAM | 10/22/25 13:13 | 5X For Hg | Sagar | Confirms |
| 41 | Q3393-02DL | PR132-S10-022047-2 | SAM | 10/22/25 13:15 | 5X For Hg | Sagar | Confirms |
| 42 | Q3393-03DL | PR132-S08-013038-2 | SAM | 10/22/25 13:18 | 5X For Hg | Sagar | Confirms |
| 43 | Q3393-04DL | PR132-S06-000021-2 | SAM | 10/22/25 13:20 | 5X For Hg | Sagar | Confirms |
| 44 | CCV74 | CCV74 | CCV | 10/22/25 13:23 | | Sagar | OK |
| 45 | CCB74 | CCB74 | CCB | 10/22/25 13:26 | | Sagar | OK |
| 46 | Q3393-05DL | PR132-S08-000013-2 | SAM | 10/22/25 13:35 | 10X For Hg | Sagar | Confirms |
| 47 | Q3395-01DL | PR132-S09-000051-2 | SAM | 10/22/25 13:43 | 10X For Hg | Sagar | Confirms |
| 48 | Q3395-02DL | PR132-S07-000102-2 | SAM | 10/22/25 13:45 | 10X For Hg | Sagar | Confirms |
| 49 | Q3395-02DUPDL | PR132-S07-000102-2 | DUP | 10/22/25 13:52 | 10X For Hg | Sagar | Confirms |
| 50 | Q3395-03DL | PR132-S07-000102-2 | MS | 10/22/25 13:54 | 10X For Hg | Sagar | Confirms |
| 51 | Q3395-04DL | PR132-S07-000102-2 | MSD | 10/22/25 13:57 | 10X For Hg | Sagar | Confirms |
| 52 | Q3395-05DL | PR132-S07-102116-2 | SAM | 10/22/25 14:00 | 10X For Hg | Sagar | Confirms |
| 53 | Q3395-07DL | PR132-S08-038048-2 | SAM | 10/22/25 14:03 | 10X For Hg | Sagar | Confirms |
| 54 | Q3402-07DL | 41-LBDL | SAM | 10/22/25 14:06 | 10X For Hg | Sagar | Confirms |
| 55 | Q3402-10DL | 41-RBDL | SAM | 10/22/25 14:08 | 10X For Hg | Sagar | Confirms |
| 56 | CCV75 | CCV75 | CCV | 10/22/25 14:11 | | Sagar | OK |
| 57 | CCB75 | CCB75 | CCB | 10/22/25 14:13 | | Sagar | OK |
| 58 | Q3395-02LDL | PR132-S07-000102-2 | SD | 10/22/25 14:16 | Not Use | Sagar | Not Ok |

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**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137610

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 10/24/2025 6:54:44 PM |
| Supervise By | Janvi | Supervise On | 10/28/2025 3:11:04 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87670,MP87671,MP87672,MP87673,MP87674,MP87675 |
| ICV Standard | MP87676 |
| CCV Standard | MP87678 |
| ICSA Standard | |
| CRI Standard | MP87680 |
| LCS Standard | |
| Chk Standard | MP87677,MP87679,MP87681,MP87699 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 59 | Q3395-02ADL | PR132-S07-000102-2 | PS | 10/22/25 14:18 | Not Use | Sagar | Not Ok |
| 60 | Q3375-01DL | PR132-S02-074099-2 | SAM | 10/22/25 14:21 | 10X For Hg | Sagar | Confirms |
| 61 | Q3375-03DL | PR132-S05-000057-2 | SAM | 10/22/25 14:23 | 10X For Hg | Sagar | Confirms |
| 62 | Q3375-04DL | PR132-S02-010074-2 | SAM | 10/22/25 14:26 | 10X For Hg | Sagar | Confirms |
| 63 | Q3375-05DL | PR132-DP02-202510 | SAM | 10/22/25 14:28 | 10X For Hg | Sagar | Confirms |
| 64 | Q3376-01DL | PR132-S05-057082-2 | SAM | 10/22/25 14:31 | 10X For Hg | Sagar | Confirms |
| 65 | Q3376-02DL | PR132-DP01-202510 | SAM | 10/22/25 14:33 | 10X For Hg | Sagar | Confirms |
| 66 | Q3376-03DL | PR132-COMP2-2025 | SAM | 10/22/25 14:36 | 10X For Hg | Sagar | Confirms |
| 67 | Q3376-04DL | PR132-S12-047072-2 | SAM | 10/22/25 14:39 | 10X For Hg | Sagar | Confirms |
| 68 | CCV76 | CCV76 | CCV | 10/22/25 14:42 | | Sagar | OK |
| 69 | CCB76 | CCB76 | CCB | 10/22/25 14:44 | | Sagar | OK |
| 70 | Q3376-05DL | PR132-S12-020047-2 | SAM | 10/22/25 14:47 | 10X For Hg | Sagar | Confirms |
| 71 | Q3376-07DL | PR132-FB01-202510 | SAM | 10/22/25 14:49 | Wrong Method | Sagar | Not Ok |
| 72 | Q3395-02A | PR132-S07-000102-2 | PS | 10/22/25 14:53 | | Sagar | OK |
| 73 | CCV77 | CCV77 | CCV | 10/22/25 14:59 | | Sagar | OK |
| 74 | CCB77 | CCB77 | CCB | 10/22/25 15:02 | | Sagar | OK |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137619

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 10/24/2025 4:51:23 PM |
| Supervise By | jaswal | Supervise On | 10/24/2025 6:19:47 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87545,MP87554,MP87553,MP87551,MP87550,MP87549,MP87548,MP87547,MP87546 |
| ICV Standard | MP87566,MP87553 |
| CCV Standard | MP87555 |
| ICSA Standard | MP87556,MP87557 |
| CRI Standard | MP87553 |
| LCS Standard | |
| Chk Standard | MP87559,MP87560 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | TUNE | TUNE | TUNE | 10/22/25 10:45 | | Jaswal | OK |
| 2 | S0 | S0 | CAL1 | 10/22/25 11:54 | | Jaswal | OK |
| 3 | S2 | S2 | CAL3 | 10/22/25 11:57 | | Jaswal | OK |
| 4 | S3 | S3 | CAL4 | 10/22/25 12:04 | | Jaswal | OK |
| 5 | S4 | S4 | CAL5 | 10/22/25 12:07 | | Jaswal | OK |
| 6 | S5 | S5 | CAL6 | 10/22/25 12:10 | | Jaswal | OK |
| 7 | S6 | S6 | CAL7 | 10/22/25 12:13 | | Jaswal | OK |
| 8 | S7 | S7 | CAL8 | 10/22/25 12:16 | | Jaswal | OK |
| 9 | S8 | S8 | CAL9 | 10/22/25 12:19 | | Jaswal | OK |
| 10 | ICV01 | ICV01 | ICV | 10/22/25 12:38 | | Jaswal | OK |
| 11 | LLICV01 | LLICV01 | LLICV | 10/22/25 13:12 | | Jaswal | OK |
| 12 | ICB01 | ICB01 | ICB | 10/22/25 13:16 | | Jaswal | OK |
| 13 | ICSA01 | ICSA01 | ICSA | 10/22/25 13:20 | | Jaswal | OK |
| 14 | ICSAB01 | ICSAB01 | ICSAB | 10/22/25 13:23 | | Jaswal | OK |
| 15 | CCV01 | CCV01 | CCV | 10/22/25 13:27 | | Jaswal | OK |
| 16 | CCB01 | CCB01 | CCB | 10/22/25 13:30 | | Jaswal | OK |
| 17 | CRI01 | CRI01 | CRDL | 10/22/25 13:33 | | Jaswal | OK |
| 18 | PB170191BS | PB170191BS | LCS | 10/22/25 13:40 | | Jaswal | OK |

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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137619

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 10/24/2025 4:51:23 PM |
| Supervise By | jaswal | Supervise On | 10/24/2025 6:19:47 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87545,MP87554,MP87553,MP87551,MP87550,MP87549,MP87548,MP87547,MP87546 |
| ICV Standard | MP87566,MP87553 |
| CCV Standard | MP87555 |
| ICSA Standard | MP87556,MP87557 |
| CRI Standard | MP87553 |
| LCS Standard | |
| Chk Standard | MP87559,MP87560 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q3386-03 | 3443 | SAM | 10/22/25 13:43 | | Jaswal | OK |
| 20 | Q3386-04 | 3444 | SAM | 10/22/25 13:46 | | Jaswal | OK |
| 21 | Q3386-04DUP | 3444DUP | DUP | 10/22/25 13:49 | | Jaswal | OK |
| 22 | Q3386-04L | 3444L | SD | 10/22/25 13:53 | | Jaswal | OK |
| 23 | Q3386-04MS | 3444MS | MS | 10/22/25 13:56 | | Jaswal | OK |
| 24 | Q3386-04MSD | 3444MSD | MSD | 10/22/25 13:59 | | Jaswal | OK |
| 25 | Q3386-04A | 3444A | PS | 10/22/25 14:02 | 0.1ml mp87570,0.2ml each mp87575,mp87578,mp875 81-10ml sample | Jaswal | OK |
| 26 | PB170191BL | PB170191BL | MB | 10/22/25 14:08 | | Jaswal | OK |
| 27 | CCV02 | CCV02 | CCV | 10/22/25 14:11 | | Jaswal | OK |
| 28 | CCB02 | CCB02 | CCB | 10/22/25 14:18 | | Jaswal | OK |
| 29 | Q3363-01 | PR132-SO1-085011-2 | SAM | 10/22/25 14:21 | | Jaswal | OK |
| 30 | Q3363-02 | PR132-SO1-039085-2 | SAM | 10/22/25 14:24 | Cr High | Jaswal | Dilution |
| 31 | Q3363-03 | PR132-SO3-028010-2 | SAM | 10/22/25 14:27 | Cr High | Jaswal | Dilution |
| 32 | Q3363-04 | PR132-SO3-010013-2 | SAM | 10/22/25 14:30 | INT_STD 89Y(1) Fail | Jaswal | Dilution |
| 33 | Q3363-05 | COMP01-20251015 | SAM | 10/22/25 14:34 | Al,Fe High, INT_STD 89Y(1&2) Fail | Jaswal | Dilution |
| 34 | Q3363-05DUP | COMP01-20251015D | DUP | 10/22/25 14:37 | Al,Fe High, INT_STD 89Y(1&2) Fail | Jaswal | Dilution |
| 35 | Q3363-05L | COMP01-20251015L | SD | 10/22/25 14:40 | Al,Fe High, INT_STD 89Y(1&2) Fail | Jaswal | Dilution |
| 36 | Q3363-05MS | COMP01-20251015M | MS | 10/22/25 14:43 | Al,Fe,Pb High, INT_STD 89Y(1&2) Fail | Jaswal | Dilution |

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Fax : 908 789 8922

**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137619

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 10/24/2025 4:51:23 PM |
| Supervise By | jaswal | Supervise On | 10/24/2025 6:19:47 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87545,MP87554,MP87553,MP87551,MP87550,MP87549,MP87548,MP87547,MP87546 |
| ICV Standard | MP87566,MP87553 |
| CCV Standard | MP87555 |
| ICSA Standard | MP87556,MP87557 |
| CRI Standard | MP87553 |
| LCS Standard | |
| Chk Standard | MP87559,MP87560 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 37 | Q3363-05MSD | COMP01-20251015M | MSD | 10/22/25 14:46 | Al,Fe,Pb High, INT_STD 89Y(1&2) Fail | Jaswal | Dilution |
| 38 | Q3363-05A | COMP01-20251015A | PS | 10/22/25 14:49 | INT_STD 89Y(1&2) Fail(0.1ml mp87570,0.2ml each mp87575,mp87578,mp87581-10ml sample) | Jaswal | Dilution |
| 39 | CCV03 | CCV03 | CCV | 10/22/25 14:54 | | Jaswal | OK |
| 40 | CCB03 | CCB03 | CCB | 10/22/25 15:05 | | Jaswal | OK |
| 41 | PB170139BL | PB170139BL | MB | 10/22/25 15:14 | | Jaswal | OK |
| 42 | PB170139BS | PB170139BS | LCS | 10/22/25 15:17 | | Jaswal | OK |
| 43 | PB170158BL | PB170158BL | MB | 10/22/25 15:20 | | Jaswal | OK |
| 44 | PB170158BS | PB170158BS | LCS | 10/22/25 15:24 | | Jaswal | OK |
| 45 | PB170186BL | PB170186BL | MB | 10/22/25 15:27 | | Jaswal | OK |
| 46 | PB170186BS | PB170186BS | LCS | 10/22/25 15:30 | | Jaswal | OK |
| 47 | Q3375-01 | PR132-S02-074099-2 | SAM | 10/22/25 15:33 | | Jaswal | OK |
| 48 | Q3375-02 | PR132-S04-000013-2 | SAM | 10/22/25 15:36 | | Jaswal | OK |
| 49 | Q3375-03 | PR132-S05-000057-2 | SAM | 10/22/25 15:39 | Cr High | Jaswal | Dilution |
| 50 | Q3375-04 | PR132-S02-010074-2 | SAM | 10/22/25 15:42 | | Jaswal | OK |
| 51 | CCV04 | CCV04 | CCV | 10/22/25 15:45 | | Jaswal | OK |
| 52 | CCB04 | CCB04 | CCB | 10/22/25 16:00 | | Jaswal | OK |
| 53 | Q3375-05 | PR132-DP02-202510 | SAM | 10/22/25 16:03 | Cr,Fe,Pb High | Jaswal | Dilution |
| 54 | Q3376-01 | PR132-S05-057082-2 | SAM | 10/22/25 16:06 | Cr High | Jaswal | Dilution |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137619

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 10/24/2025 4:51:23 PM |
| Supervise By | jaswal | Supervise On | 10/24/2025 6:19:47 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87545,MP87554,MP87553,MP87551,MP87550,MP87549,MP87548,MP87547,MP87546 |
| ICV Standard | MP87566,MP87553 |
| CCV Standard | MP87555 |
| ICSA Standard | MP87556,MP87557 |
| CRI Standard | MP87553 |
| LCS Standard | |
| Chk Standard | MP87559,MP87560 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 55 | Q3376-02 | PR132-DP01-202510 | SAM | 10/22/25 16:09 | Cr High | Jaswal | Dilution |
| 56 | Q3376-03 | PR132-COMP2-2025 | SAM | 10/22/25 16:13 | Cr High | Jaswal | Dilution |
| 57 | Q3376-04 | PR132-S12-047072-2 | SAM | 10/22/25 16:16 | Cr High | Jaswal | Dilution |
| 58 | Q3376-05 | PR132-S12-020047-2 | SAM | 10/22/25 16:19 | | Jaswal | OK |
| 59 | Q3376-05L | PR132-S12-020047-2 | SD | 10/22/25 16:25 | | Jaswal | OK |
| 60 | Q3376-05MSD | PR132-S12-020047-2 | MSD | 10/22/25 16:31 | | Jaswal | OK |
| 61 | Q3376-05DUP | PR132-S12-020047-2 | DUP | 10/22/25 16:40 | | Jaswal | OK |
| 62 | Q3376-05MS | PR132-S12-020047-2 | MS | 10/22/25 16:43 | | Jaswal | OK |
| 63 | CCV05 | CCV05 | CCV | 10/22/25 16:46 | | Jaswal | OK |
| 64 | CCB05 | CCB05 | CCB | 10/22/25 16:55 | | Jaswal | OK |
| 65 | Q3376-05A | PR132-S12-020047-2 | PS | 10/22/25 17:00 | 0.1ml mp87570,0.2ml each mp87575,mp87578,mp875 81-10ml sample | Jaswal | OK |
| 66 | Q3393-01 | PR132-S10-000022-2 | SAM | 10/22/25 17:15 | Cr High | Jaswal | Dilution |
| 67 | Q3393-02 | PR132-S10-022047-2 | SAM | 10/22/25 17:18 | Cr High | Jaswal | Dilution |
| 68 | Q3393-03 | PR132-S08-013038-2 | SAM | 10/22/25 17:22 | Al,Fe High, INT_STD 89Y(1&2) Fail | Jaswal | Dilution |
| 69 | Q3393-04 | PR132-S06-000021-2 | SAM | 10/22/25 17:25 | Cr High | Jaswal | Dilution |
| 70 | Q3393-05 | PR132-S08-000013-2 | SAM | 10/22/25 17:28 | Cr,Fe High, INT_STD 89Y(2) Fail | Jaswal | Dilution |
| 71 | Q3395-01 | PR132-S09-000051-2 | SAM | 10/22/25 17:31 | Cr High | Jaswal | Dilution |
| 72 | Q3395-02 | PR132-S07-000102-2 | SAM | 10/22/25 17:34 | Cr High | Jaswal | Dilution |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137619

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 10/24/2025 4:51:23 PM |
| Supervise By | jaswal | Supervise On | 10/24/2025 6:19:47 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87545,MP87554,MP87553,MP87551,MP87550,MP87549,MP87548,MP87547,MP87546 |
| ICV Standard | MP87566,MP87553 |
| CCV Standard | MP87555 |
| ICSA Standard | MP87556,MP87557 |
| CRI Standard | MP87553 |
| LCS Standard | |
| Chk Standard | MP87559,MP87560 |

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|---|---|---|---|---|---|---|---|
| 73 | Q3395-02DUP | PR132-S07-000102-2 | DUP | 10/22/25 17:41 | Cr High | Jaswal | Dilution |
| 74 | Q3395-02L | PR132-S07-000102-2 | SD | 10/22/25 17:44 | | Jaswal | OK |
| 75 | CCV06 | CCV06 | CCV | 10/22/25 17:59 | | Jaswal | OK |
| 76 | CCB06 | CCB06 | CCB | 10/22/25 18:10 | | Jaswal | OK |
| 77 | Q3395-03 | PR132-S07-000102-2 | MS | 10/22/25 18:15 | Cr,Fe,Pb,Ni High | Jaswal | Dilution |
| 78 | Q3395-04 | PR132-S07-000102-2 | MSD | 10/22/25 18:18 | Cr,Fe,Pb,Ni High | Jaswal | Dilution |
| 79 | Q3395-02A | PR132-S07-000102-2 | PS | 10/22/25 18:21 | Pb,Ni High(0.1ml mp87570,0.2ml each mp87575,mp87578,mp875 81-10ml sample | Jaswal | Dilution |
| 80 | Q3395-05 | PR132-S07-102116-2 | SAM | 10/22/25 18:23 | Al,Cr,Fe High | Jaswal | Dilution |
| 81 | Q3395-06 | PR132-COMP03-2025 | SAM | 10/22/25 18:26 | | Jaswal | OK |
| 82 | Q3395-07 | PR132-S08-038048-2 | SAM | 10/22/25 18:29 | Fe High | Jaswal | Dilution |
| 83 | CCV07 | CCV07 | CCV | 10/22/25 18:41 | | Jaswal | OK |
| 84 | CCB07 | CCB07 | CCB | 10/22/25 18:49 | | Jaswal | OK |
| 85 | Q3363-02DL | PR132-SO1-039085-2 | SAM | 10/22/25 19:12 | 5X For Cr | Jaswal | Confirms |
| 86 | Q3363-03DL | PR132-SO3-028010-2 | SAM | 10/22/25 19:15 | 5X For Cr | Jaswal | Confirms |
| 87 | Q3363-04DL | PR132-SO3-010013-2 | SAM | 10/22/25 19:18 | 5X For INT_STD 89Y(1) | Jaswal | Confirms |
| 88 | Q3363-05DL | COMP01-20251015DI | SAM | 10/22/25 19:22 | 5X For INT_STD 89Y(1&2),5X For Al,Fe | Jaswal | Confirms |
| 89 | Q3363-05DUPDL | COMP01-20251015DI | DUP | 10/22/25 19:25 | 5X For INT_STD 89Y(1&2),5X For Al,Fe | Jaswal | Confirms |
| 90 | Q3363-05LDL | COMP01-20251015LI | SD | 10/22/25 19:28 | 25X For INT_STD 89Y(1&2),5X For Al,Fe | Jaswal | Confirms |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137619

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 10/24/2025 4:51:23 PM |
| Supervise By | jaswal | Supervise On | 10/24/2025 6:19:47 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87545,MP87554,MP87553,MP87551,MP87550,MP87549,MP87548,MP87547,MP87546 |
| ICV Standard | MP87566,MP87553 |
| CCV Standard | MP87555 |
| ICSA Standard | MP87556,MP87557 |
| CRI Standard | MP87553 |
| LCS Standard | |
| Chk Standard | MP87559,MP87560 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 91 | Q3363-05MSDL | COMP01-20251015M | MS | 10/22/25 19:31 | 5X For INT_STD 89Y(1&2),5X For Al,Fe,Pb | Jaswal | Confirms |
| 92 | Q3363-05MSDDL | COMP01-20251015M | MSD | 10/22/25 19:34 | 5X For INT_STD 89Y(1&2),5X For Al,Fe,Pb | Jaswal | Confirms |
| 93 | Q3363-05ADL | COMP01-20251015Al | PS | 10/22/25 19:37 | 5X For INT_STD 89Y(1&2) | Jaswal | Confirms |
| 94 | Q3375-03DL | PR132-S05-000057-2 | SAM | 10/22/25 19:41 | 5X For Cr | Jaswal | Confirms |
| 95 | CCV08 | CCV08 | CCV | 10/22/25 19:44 | | Jaswal | OK |
| 96 | CCB08 | CCB08 | CCB | 10/22/25 19:52 | | Jaswal | OK |
| 97 | Q3375-05DL | PR132-DP02-202510 | SAM | 10/22/25 19:57 | 5X For Cr,Fe,Pb | Jaswal | Confirms |
| 98 | Q3376-01DL | PR132-S05-057082-2 | SAM | 10/22/25 20:00 | 5X For Cr | Jaswal | Confirms |
| 99 | Q3376-02DL | PR132-DP01-202510 | SAM | 10/22/25 20:03 | 5X For Cr | Jaswal | Confirms |
| 100 | Q3376-03DL | PR132-COMP2-2025 | SAM | 10/22/25 20:06 | 5X For Cr | Jaswal | Confirms |
| 101 | Q3376-04DL | PR132-S12-047072-2 | SAM | 10/22/25 20:09 | 5X For Cr | Jaswal | Confirms |
| 102 | Q3393-01DL | PR132-S10-000022-2 | SAM | 10/22/25 20:12 | 5X For Cr | Jaswal | Confirms |
| 103 | Q3393-02DL | PR132-S10-022047-2 | SAM | 10/22/25 20:16 | 5X For Cr | Jaswal | Confirms |
| 104 | Q3393-03DL | PR132-S08-013038-2 | SAM | 10/22/25 20:19 | 5X For Al,Fe, 5X For INT_STD 89Y(1&2) | Jaswal | Confirms |
| 105 | Q3393-04DL | PR132-S06-000021-2 | SAM | 10/22/25 20:22 | 5X For Cr | Jaswal | Confirms |
| 106 | Q3393-05DL | PR132-S08-000013-2 | SAM | 10/22/25 20:25 | 5X For Cr,Fe , 5X For INT_STD 89Y(2) | Jaswal | Confirms |
| 107 | CCV09 | CCV09 | CCV | 10/22/25 20:28 | | Jaswal | OK |
| 108 | CCB09 | CCB09 | CCB | 10/22/25 20:31 | | Jaswal | OK |
| 109 | Q3395-01DL | PR132-S09-000051-2 | SAM | 10/22/25 20:35 | 5X For Cr | Jaswal | Confirms |

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**Instrument ID:** P7

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137619

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 10/24/2025 4:51:23 PM |
| Supervise By | jaswal | Supervise On | 10/24/2025 6:19:47 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP87545,MP87554,MP87553,MP87551,MP87550,MP87549,MP87548,MP87547,MP87546 |
| ICV Standard | MP87566,MP87553 |
| CCV Standard | MP87555 |
| ICSA Standard | MP87556,MP87557 |
| CRI Standard | MP87553 |
| LCS Standard | |
| Chk Standard | MP87559,MP87560 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 110 | Q3395-02DL | PR132-S07-000102-2 | SAM | 10/22/25 20:38 | 5X For Cr | Jaswal | Confirms |
| 111 | Q3395-02DUPDL | PR132-S07-000102-2 | DUP | 10/22/25 20:41 | 5X For Cr | Jaswal | Confirms |
| 112 | Q3395-02LDL | PR132-S07-000102-2 | SD | 10/22/25 20:44 | Not Required | Jaswal | Not Ok |
| 113 | Q3395-03DL | PR132-S07-000102-2 | MS | 10/22/25 20:48 | 5X For Cr,Pb,Fe,Ni | Jaswal | Confirms |
| 114 | Q3395-04DL | PR132-S07-000102-2 | MSD | 10/22/25 20:51 | 5X For Cr,Pb,Fe,Ni | Jaswal | Confirms |
| 115 | Q3395-02ADL | PR132-S07-000102-2 | PS | 10/22/25 20:54 | 5X For Pb,Ni | Jaswal | Confirms |
| 116 | Q3395-05DL | PR132-S07-102116-2 | SAM | 10/22/25 20:57 | 5X For Al,Cr,Fe | Jaswal | Confirms |
| 117 | Q3395-07DL | PR132-S08-038048-2 | SAM | 10/22/25 21:00 | 5X For Fe | Jaswal | Confirms |
| 118 | CCV10 | CCV10 | CCV | 10/22/25 21:03 | | Jaswal | OK |
| 119 | CCB10 | CCB10 | CCB | 10/22/25 21:06 | | Jaswal | OK |

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# Prep Standard - Chemical Standard Summary

**Order ID :** Q3395

**Test :** Mercury,Metals ICP-TAL

**Prepbatch ID :** PB170186,PB170201,

**Sequence ID/Qc Batch ID:** LB137610,LB137619,

**Standard ID :**
MP86978,MP87072,MP87149,MP87545,MP87546,MP87547,MP87548,MP87549,MP87550,MP87551,MP87552,MP875
53,MP87554,MP87555,MP87556,MP87557,MP87558,MP87559,MP87560,MP87566,MP87570,MP87575,MP87578,MP
87581,MP87582,MP87669,MP87670,MP87671,MP87672,MP87673,MP87674,MP87675,MP87676,MP87677,MP87678,
MP87679,MP87680,MP87681,MP87685,MP87692,MP87694,MP87696,MP87698,MP87699,

**Chemical ID :**
M4916,M5062,M5245,M5581,M5582,M5658,M5697,M5739,M5798,M5799,M5800,M5801,M5815,M5817,M5882,M5884
,M5962,M5979,M5981,M6021,M6023,M6025,M6026,M6027,M6028,M6030,M6032,M6055,M6079,M6086,M6128,M613
7,M6140,M6142,M6145,M6153,M6158,M6159,M6160,M6161,M6162,M6163,M6164,M6165,M6170,M6171,M6172,M61
75,M6176,M6178,M6185,M6187,M6196,M6200,W3112,

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 169 | 1:1HNO3 | MP86978 | 08/28/2025 | 11/27/2025 | Sagar Kanani | None | None | Sarabjit Jaswal 08/28/2025 |

**FROM** 1250.00000ml of M6162 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 65 | POTASSIUM PERMANGANATE SOLUTION 5 % | MP87072 | 09/04/2025 | 03/04/2026 | Mohan Bera | METALS_SCALE_3 (M SC-3) | None | Sarabjit Jaswal 09/04/2025 |

**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 |
|---|---|---|---|---|---|---|---|---|
| 67 | SODIUM CHLORIDE - HYDROXYL- CHLORIDE SOLUTION | MP87149 | 09/09/2025 | 02/03/2026 | Mohan Bera | METALS_SCALE_2 (M SC-2) | None | Sarabjit Jaswal 09/10/2025 |

**FROM** 2000.00000ml of W3112 + 240.00000gram of M5884 + 240.00000ml of M6196 = Final Quantity: 2000.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1122 | ICPMS CALIB BLANK(S0/ICB/CCB) | MP87545 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 25.00000ml of M6200 + 4925.00000ml of W3112 + 50.00000ml of M6187 = Final Quantity: 5000.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 2902 | S8 ICPMS | MP87546 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICPA) | Sarabjit Jaswal 10/16/2025 |

**FROM** 1.00000ml of M6159 + 2.50000ml of M6140 + 2.50000ml of M6142 + 5.00000ml of M6086 + 5.00000ml of M6171 + 5.00000ml of M6172 + 79.00000ml of MP87545 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3947 | S7(SFAM,6020,200.8) | MP87547 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICPA) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.10000ml of M6153 + 1.00000ml of M5799 + 1.00000ml of M5981 + 1.00000ml of M6079 + 1.00000ml of M6137 + 1.90000ml of M6159 + 10.00000ml of M5697 + 10.00000ml of M5979 + 10.00000ml of M6128 + 10.00000ml of M6145 + 10.00000ml of M6178 + 10.00000ml of M6187 + 2.00000ml of M5815 + 2.00000ml of M5817 + 4.00000ml of M6025 + 4.00000ml of M6032 + 4.90000ml of M6140 + 4.90000ml of M6142 + 5.00000ml of M6200 + 50.00000ml of M6175 + 827.50000ml of W3112 + 9.90000ml of M6086 + 9.90000ml of M6171 + 9.90000ml of M6172 = 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) | MP87548 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.50000ml of M6200 + 1.00000ml of M6187 + 48.50000ml of W3112 + 50.00000ml of MP87547 = 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) | MP87549 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.50000ml of M6200 + 1.00000ml of M6187 + 73.50000ml of W3112 + 25.00000ml of MP87547 = 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) | MP87550 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.50000ml of M6200 + 1.00000ml of M6187 + 86.00000ml of W3112 + 12.50000ml of MP87547 = 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) | MP87551 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.50000ml of M6200 + 1.00000ml of M6187 + 88.50000ml of W3112 + 10.00000ml of MP87548 = 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) | MP87552 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.00500ml of M6153 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5981 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6027 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.05000ml of M6079 + 0.05000ml of M6128 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M6159 + 0.10000ml of M6160 + 0.25000ml of M5799 + 0.25000ml of M5962 + 0.25000ml of M5979 + 0.25000ml of M6021 + 0.25000ml of M6140 + 0.25000ml of M6145 + 0.25000ml of M6178 + 0.50000ml of M6032 + 0.50000ml of M6137 + 1.25000ml of M5815 + 1.25000ml of M5817 + 1.25000ml of M6200 + 2.50000ml of M6086 + 2.50000ml of M6142 + 2.50000ml of M6171 + 2.50000ml of M6172 + 2.50000ml of M6187 + 230.04500ml of W3112 = 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) | MP87553 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.50000ml of M6200 + 1.00000ml of M6187 + 98.00000ml of W3112 + 0.50000ml of MP87552 = 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) | MP87554 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.50000ml of M6200 + 1.00000ml of M6187 + 88.50000ml of W3112 + 10.00000ml of MP87553 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3961 | CCV | MP87555 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.20000ml of M6026 + 0.50000ml of M5799 + 0.50000ml of M5981 + 0.50000ml of M6079 + 0.50000ml of M6137 + 0.50000ml of M6176 + 1.00000ml of M5815 + 1.00000ml of M5817 + 10.00000ml of M6187 + 12.45000ml of M6140 + 12.45000ml of M6142 + 2.00000ml of M6032 + 24.95000ml of M6086 + 24.95000ml of M6171 + 24.95000ml of M6172 + 25.00000ml of M6175 + 4.50000ml of M5697 + 4.50000ml of M6128 + 4.50000ml of M6145 + 4.95000ml of M6159 + 5.00000ml of M6200 + 5.50000ml of M5979 + 5.50000ml of M6178 + 824.10000ml of W3112 = Final Quantity: 1000.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1142 | ICSA ICPMS | MP87556 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 10.00000ml of M6185 + 90.00000ml of MP87545 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1143 | ICSAB ICPMS | MP87557 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 10.00000ml of M5245 + 10.00000ml of M6185 + 80.00000ml of MP87545 = 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 |
|---|---|---|---|---|---|---|---|---|
| 3962 | MG 10PPM FOR TUNE | MP87558 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.01000ml of M6171 + 9.99000ml of MP87545 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3894 | TUNE 200PPB | MP87559 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 2.00000ml of M6055 + 2.00000ml of MP87558 + 96.00000ml of MP87545 = Final Quantity: 100.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3903 | ISS 3PPM | MP87560 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 5.00000ml of M6187 + 75.00000ml of M5739 + 170.00000ml of MP87545 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4213 | NEW ICV-6020B | MP87566 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.00800ml of M6164 + 0.00800ml of M6165 + 0.01600ml of M6163 + 49.96800ml of MP87545 = Final Quantity: 50.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3880 | M&B SPIKE-1 | MP87570 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 5.00000ml of M5658 + 5.00000ml of M5798 + 5.00000ml of M5800 + 5.00000ml of M5962 + 5.00000ml of M5981 + 5.00000ml of M6021 + 5.00000ml of M6023 + 5.00000ml of M6027 + 5.00000ml of M6028 + 5.00000ml of M6030 + 5.00000ml of M6079 + 5.00000ml of M6160 + 5.00000ml of M6176 + 35.00000ml of MP87545 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3881 | M&B SPIKE-2 | MP87575 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 10.00000ml of M5979 + 10.00000ml of M6178 + 12.50000ml of M6032 + 12.50000ml of M6140 + 12.50000ml of M6142 + 2.50000ml of M5799 + 2.50000ml of M6137 + 5.00000ml of M6159 + 32.50000ml of MP87545 = 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 |
|---|---|---|---|---|---|---|---|---|
| 3882 | M&B SPIKE-3 | MP87578 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 0.62500ml of M6026 + 12.50000ml of M5697 + 12.50000ml of M6128 + 12.50000ml of M6145 + 11.87500ml of MP87545 = Final Quantity: 50.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3900 | M&B SPIKE-4 | MP87581 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICP A) | Sarabjit Jaswal 10/16/2025 |

**FROM** 6.25000ml of M6086 + 6.25000ml of M6171 + 6.25000ml of M6172 + 6.25000ml of MP87545 = Final Quantity: 25.000 ml

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# Metals STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4025 | M&B SPIKE-5 | MP87582 | 10/07/2025 | 11/07/2025 | Janvi Patel | None | METALS_PIPETTE_1 (ICPA) | Sarabjit Jaswal 10/16/2025 |

**FROM** 15.00000ml of M5979 + 15.00000ml of M6178 + 20.00000ml of MP87545 = Final Quantity: 50.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 871 | MERCURY INTERMEDIATE B 250PPB WORKING STD. | MP87669 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 1.00000ml of M6187 + 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 | MP87670 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6187 + 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 | MP87671 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6187 + 247.30000ml of W3112 + 0.20000ml of MP87669 = 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 | MP87672 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6187 + 245.00000ml of W3112 + 2.50000ml of MP87669 = 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 | MP87673 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6187 + 242.50000ml of W3112 + 5.00000ml of MP87669 = 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 | MP87674 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6187 + 240.00000ml of W3112 + 7.50000ml of MP87669 = 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 | MP87675 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6187 + 237.50000ml of W3112 + 10.00000ml of MP87669 = 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 | MP87676 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6161 + 2.50000ml of M6187 + 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) | MP87677 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6187 + 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) | MP87678 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 485.00000ml of W3112 + 5.00000ml of M6187 + 10.00000ml of MP87669 = 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) | MP87679 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 495.00000ml of W3112 + 5.00000ml of M6187 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1349 | CRA/CRI (Hg 0.2 PPB SOLUTION) | MP87680 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6187 + 247.30000ml of W3112 + 0.20000ml of MP87669 = Final Quantity: 250.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1350 | CHK STD (Hg 7.0 PPB SOLUTION) | MP87681 | 10/21/2025 | 10/22/2025 | Sagar Kanani | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6187 + 240.50000ml of W3112 + 7.00000ml of MP87669 = 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 |
|---|---|---|---|---|---|---|---|---|
| 871 | MERCURY INTERMEDIATE B 250PPB WORKING STD. | MP87685 | 10/22/2025 | 10/23/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 1.00000ml of M6187 + 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 |
|---|---|---|---|---|---|---|---|---|
| 1346 | Hg ICV SOLUTION | MP87692 | 10/22/2025 | 10/23/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6161 + 2.50000ml of M6187 + 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) | MP87694 | 10/22/2025 | 10/23/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 485.00000ml of W3112 + 5.00000ml of M6187 + 10.00000ml of MP87685 = Final Quantity: 500.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1349 | CRA/CRI (Hg 0.2 PPB SOLUTION) | MP87696 | 10/22/2025 | 10/23/2025 | Mohan Bera | None | METALS_PIPETTE_5 (HGA) | Sarabjit Jaswal 10/28/2025 |

**FROM** 2.50000ml of M6187 + 247.50000ml of W3112 + 0.20000ml of MP87685 = 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 |
|---|---|---|---|---|---|---|---|---|
| 887 | AQUA REGIA FOR HG ON 7471A | MP87698 | 10/22/2025 | 10/23/2025 | Mohan Bera | None | None | Sarabjit Jaswal 10/28/2025 |

**FROM** 150.00000ml of M6200 + 50.00000ml of M6187 = Final Quantity: 200.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 68 | STANNOUS CHLORIDE SOLUTION | MP87699 | 10/22/2025 | 10/23/2025 | Mohan Bera | METALS_SCALE_3 (M SC-3) | None | Sarabjit Jaswal 10/28/2025 |

**FROM** 450.00000ml of W3112 + 50.00000gram of M5882 + 50.00000ml of M6200 = 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-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 | PART B / ICSB (ICPMS) STOCK SOLUTION | CP-MS ICSB-0803 | 07/01/2026 | 07/02/2025 / jaswal | 02/20/2020 / jaswal | M5245 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | 26397-103 / PTFE BOILING STONES | W126678 | 03/20/2026 | 03/20/2025 / jaswal | 06/12/2023 / jaswal | M5581 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | 26397-103 / PTFE BOILING STONES | W126678 | 12/31/2025 | 06/17/2023 / Al-Terek | 06/12/2023 / jaswal | M5582 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58024 / Chromium, Cr, 500 ml, 1000 PPM | 060523 | 06/05/2026 | 08/28/2023 / jaswal | 08/25/2023 / jaswal | M5658 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 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 # |
|---|---|---|---|---|---|---|
| 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. | 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. | 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. | 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 # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-3980-01 / Stannous Chloride (cs/4x500g) | 232820 | 08/31/2028 | 04/30/2024 / mohan | 04/25/2024 / mohan | M5882 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-3624-05 / Sodium Chloride, Crystal (cs/4x2.5kg) | 0000281938 | 07/06/2026 | 04/30/2024 / mohan | 04/25/2024 / mohan | M5884 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57034 / Se, 1000 PPM, 125 ml | 060624 | 06/06/2027 | 07/02/2024 / Jaswal | 06/14/2024 / Jaswal | M5962 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CGTI1-1 / TITANIUM 125mL 1000ug/mL | T2-TI719972 | 08/05/2026 | 08/06/2025 / Janvi | 02/22/2024 / Jaswal | M5979 |

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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. | 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. | 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. | 57182 / Pb, 10000 PPM, 125 ml | 110923 | 11/09/2026 | 12/05/2024 / janvi | 08/05/2024 / Jaswal | M6026 |

| 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 | 062024 | 06/20/2027 | 06/04/2025 / Janvi | 08/05/2024 / Jaswal | M6027 |

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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. | 57048 / Cd, 1000 PPM, 125 ml | 070124 | 07/01/2027 | 08/05/2024 / kareem | 08/05/2024 / Jaswal | M6028 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57047 / Ag, 1000 PPM, 125 ml | 122823 | 12/28/2026 | 08/05/2024 / kareem | 08/05/2024 / Jaswal | M6030 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57056 / Ba, 1000 PPM, 125 ml | 010924 | 01/09/2027 | 01/14/2025 / Jaswal | 08/05/2024 / Jaswal | M6032 |

| 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 # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57040 / Zr, 1000 PPM, 125 ml | 071423 | 07/14/2026 | 01/15/2025 / Jaswal | 09/30/2024 / Jaswal | M6079 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58120 / Calcium, 500 ml, 10000 PPM | 082324 | 08/23/2027 | 03/06/2025 / JANVI | 10/14/2024 / jaswal | M6086 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 58025 / Mn, 1000 PPM, 500 ml | 101124 | 10/11/2027 | 01/13/2025 / kareem | 01/13/2025 / kareem | M6128 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CGSI1-1 / SILICON 125mL 1000ug/mL | V2-SI744713 | 07/10/2029 | 01/14/2025 / Jaswal | 10/03/2024 / Jaswal | M6137 |

| 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 | 011025 | 01/10/2028 | 06/25/2025 / Janvi | 01/13/2025 / Jaswal | M6140 |

| 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 | 103024 | 10/30/2027 | 05/06/2025 / JANVI | 01/13/2025 / Jaswal | M6142 |

| 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 | 121724 | 12/17/2027 | 02/04/2025 / jaswal | 01/13/2025 / Jaswal | M6145 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CGSR10 / Strontium (SR), 125mL 10,000ppm | V2-SR754329 | 02/28/2026 | 02/28/2025 / JANVI | 01/07/2025 / JANVI | M6153 |

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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-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L) | 24D1062002 | 10/30/2025 | 03/10/2025 / Eman | 02/02/2025 / Sagar | M6158 |

| 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 | 011325 | 03/18/2026 | 03/18/2025 / kareem | 02/09/2025 / kareem | M6159 |

| 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 | 071724 | 07/17/2027 | 03/24/2025 / kareem | 10/18/2024 / kareem | M6160 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| EPA | ICV-5 / ICV ( HG ) STOCK SOLN | ICV 5 0415 | 12/31/2025 | 05/01/2025 / mohan | 03/30/2024 / mohan | M6161 |

| 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) | 24H0162012 | 11/27/2025 | 05/27/2025 / Sagar | 04/27/2025 / Sagar | M6162 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | QCP-CICV-1-125ML / EPA CLP ICP Verification Standard1 | V2-MEB744107 | 06/08/2026 | 06/09/2025 / jaswal | 06/06/2025 / jaswal | M6163 |

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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 | QCP-CICV-2-125ML / EPA CLP ICP Verification Standard2 | U2-MEB733713 | 06/08/2026 | 06/09/2025 / jaswal | 06/09/2025 / jaswal | M6164 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | QCP-CICV-3-125ML / EPA CLP ICP Verification Standard3 | V2-MEB749572 | 06/08/2026 | 06/09/2025 / jaswal | 06/09/2025 / jaswal | M6165 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-2186-03 / Hydrogen Peroxide (cs/4x4L) | 24D1961001 | 10/31/2025 | 06/25/2025 / jaswal | 05/20/2025 / Sagar | M6170 |

| 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 | 011525 | 01/15/2028 | 07/15/2025 / jaswal | 02/13/2025 / Janvi | M6171 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | CGNA10-5 / Sodium, 500 ml, 10000 PPM | V2-NA740547 | 07/29/2026 | 07/29/2025 / Janvi | 01/25/2025 / Janvi | M6172 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Inorganic Ventures | 6020CAL-1 / Calibration Standard Method 6020 | V2-MEB742014 | 07/17/2026 | 07/17/2025 / Janvi | 01/27/2025 / Janvi | M6175 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 57038 / Sr, 1000 PPM, 125 ml | 092724 | 09/27/2027 | 08/06/2025 / Janvi | 08/06/2025 / Janvi | M6176 |

| 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 | 080528 | 08/05/2028 | 08/06/2025 / Janvi | 08/06/2025 / Janvi | M6178 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| EPA | PART A / ICSA ( ICPMS ) STOCK SOLN | MS ICSA-0803 | 07/01/2026 | 07/02/2025 / jaswal | 07/14/2022 / Janvi | M6185 |

| 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) | 24H0162012 | 01/28/2026 | 08/29/2025 / Sagar | 08/08/2025 / Sagar | M6187 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | H330-500 / HYDROXYLAMINE HYDROCHLORIDE ACS 500G | 243373 | 02/03/2026 | 09/04/2025 / mohan | 08/04/2025 / mohan | M6196 |

| 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 | 02/10/2026 | 09/11/2025 / Sagar | 08/25/2025 / Sagar | M6200 |

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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 | DIW / DI Water | Daily Lab-Certified | 07/03/2029 | 07/03/2024 / Iwona | 07/03/2024 / Iwona | W3112 |

ThermoFisher SCIENTIFIC

M5882 M3



# Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

| | | | |
|---|---|---|---|
| Catalog Number | T142 | Quality Test / Release Date | 08/17/2023 |
| Lot Number | 232820 | | |
| Description | STANNOUS CHLORIDE, DIHYDRATE CERTIFIED ACS (Suitable for Mercury Determination) | | |
| Country of Origin | United States | Suggested Retest Date | Aug/2028 |
| Chemical Origin | Inorganic-non animal | | |
| BSE/TSE Comment | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. | | |

| N/A | | | |
|---|---|---|---|
| Result Name | Units | Specifications | Test Value |
| APPEARANCE | | REPORT | Clear crystals |
| ASSAY | % | Inclusive Between 98 - 103 | 100.65 |
| CALCIUM | % | <= 0.005 | 0.0017 |
| IDENTIFICATION | PASS/FAIL | = PASS TEST | PASS TEST |
| IRON (Fe) | % | <= 0.003 | 0.0011 |
| LEAD (Pb) | % | <= 0.01 | 0.0006 |
| MERCURY (Hg) | ppm | <= 0.05 | <0.05 |
| POTASSIUM (K) | % | <= 0.005 | 0.0001 |
| SODIUM (Na) | % | <= 0.01 | <0.01 |
| SOLUBILITY IN HCL | PASS/FAIL | = PASS TEST | PASS TEST |
| SULFATE (SO4) | PASS/FAIL | = P.T. (ABOUT 0.003%) | P.T. (ABOUT 0.003%) |

Harout Sahagian - Quality Control Supervisor - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

**Absolute Standards, Inc.**
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***Certified Reference Material CRM***

M6032

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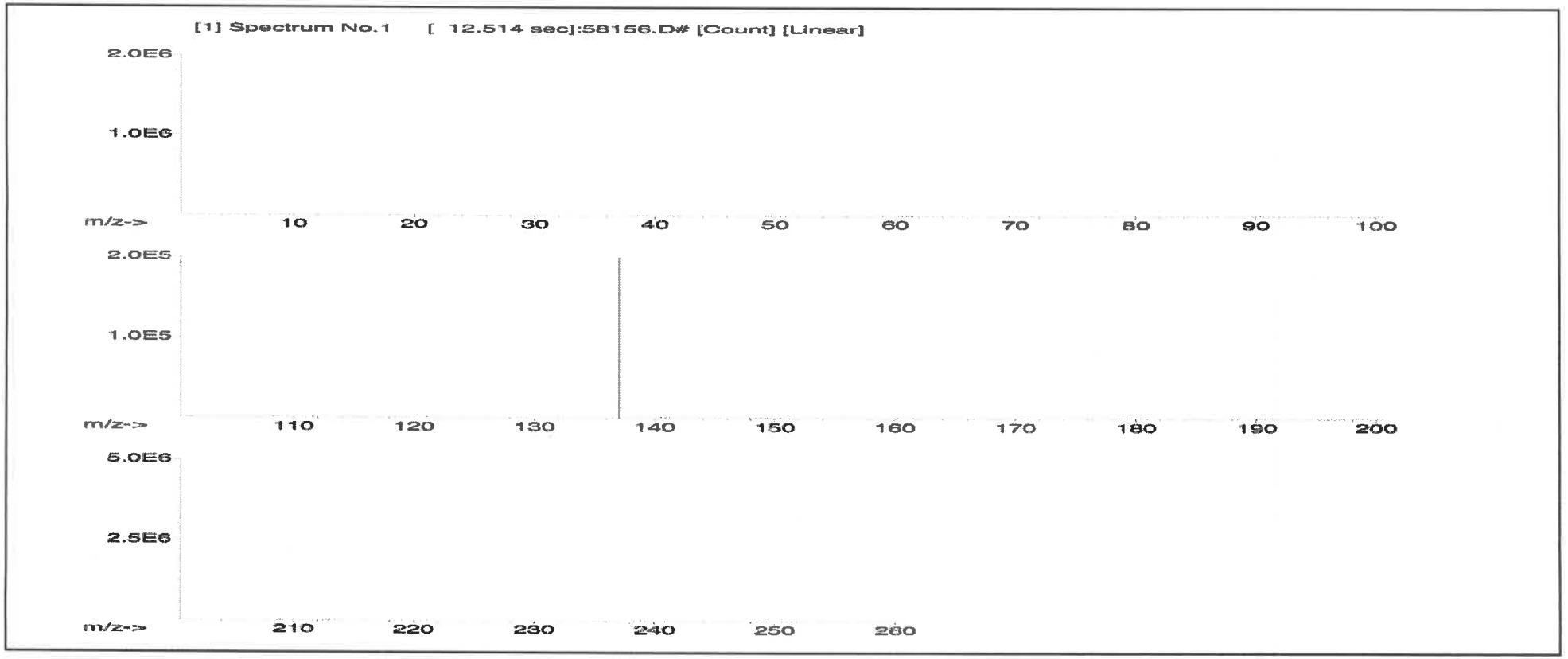
R 8/5/24

CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57056** | | **Solvent:** | 24002546 | Nitric Acid |
| **Lot Number:** | **010924** | | | | |
| **Description:** | **Barium (Ba)** | | | 2% | 40.0 (mL) Nitric Acid |
| **Expiration Date:** | 010927 | | | | |
| **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 010924 |
| Pedro Rentas | |
| Reviewed By: | Pedro L. Rentas 010924 |

| 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 | 3.82441 | **1000.1** | **2.0** | 10022-31-8 | 0.5 mg/m3 | orl-rat 355 mg/kg | 3104a |






887 of 1017
Q3395-METALS

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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 | 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:**

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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Revd 10/14/2024 M6085/M6086/M6087

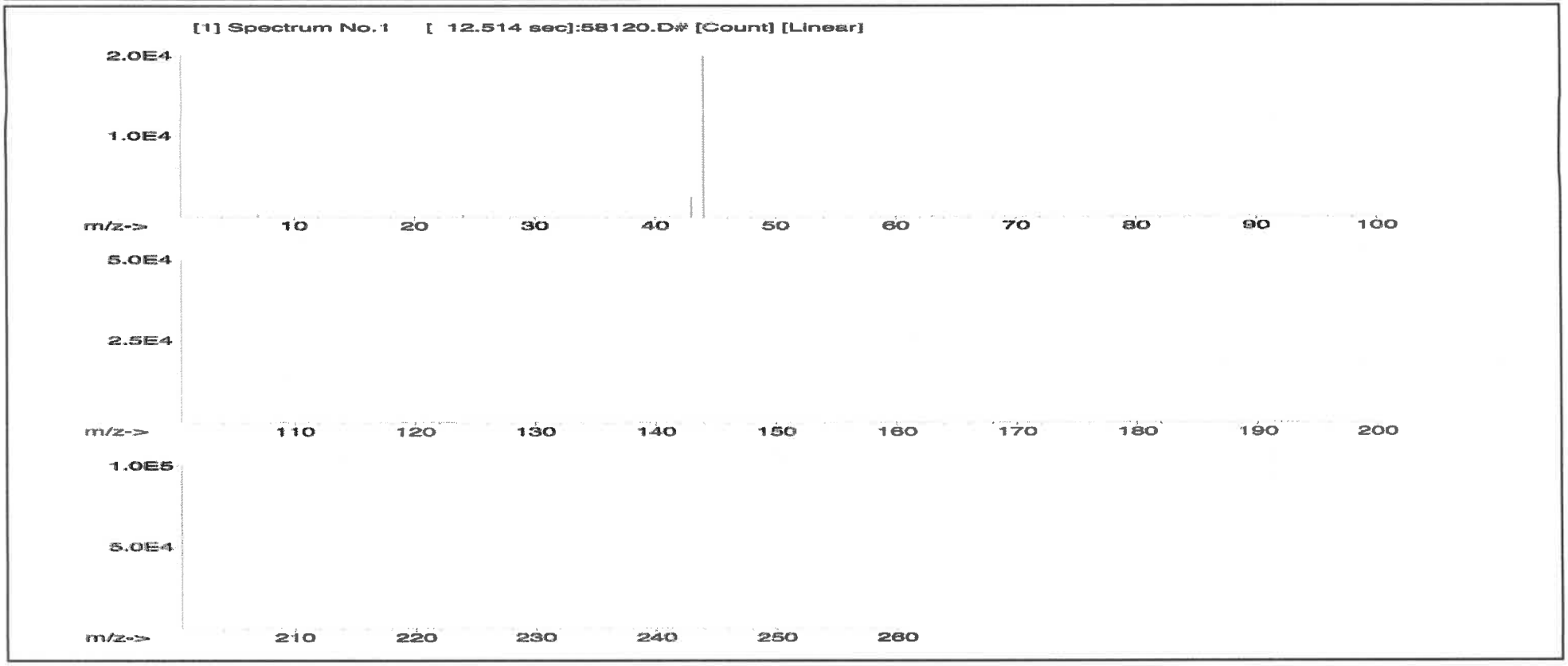
CERTIFIED WEIGHT REPORT:

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **58120** | | **Solvent:** | 24002546 | Nitric Acid |
| **Lot Number:** | **082324** | | | | |
| **Description:** | **Calcium (Ca)** | | 2% | 80.0 (mL) | Nitric Acid |
| **Expiration Date:** | 082327 | | | | |
| **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):** | 4000.1 | 0.15 | Flask Uncertainty | | |

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 082324 |
| Reviewed By: | Pedro L. Rentas | 082324 |

| | 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 | CAD03203B3 | 10000 | 99.999 | 0.10 | 39.9 | 100.2537 | 100.2656 | **10001.2** | **20.0** | 471-34-1 | 5 mg/m3 | orl-rat >2000mg/kg | 3109a |



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## Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | T | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | 30 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

## Physical Characterization:

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R 8/15/24

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## CERTIFIED WEIGHT REPORT:

**Part Number:** 57048
**Lot Number:** 070124
**Description:** Cadmium (Cd)

**Expiration Date:** 070127
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB

**Weight shown below was diluted to (mL):** 2000.07 ± 0.100 Flask Uncertainty

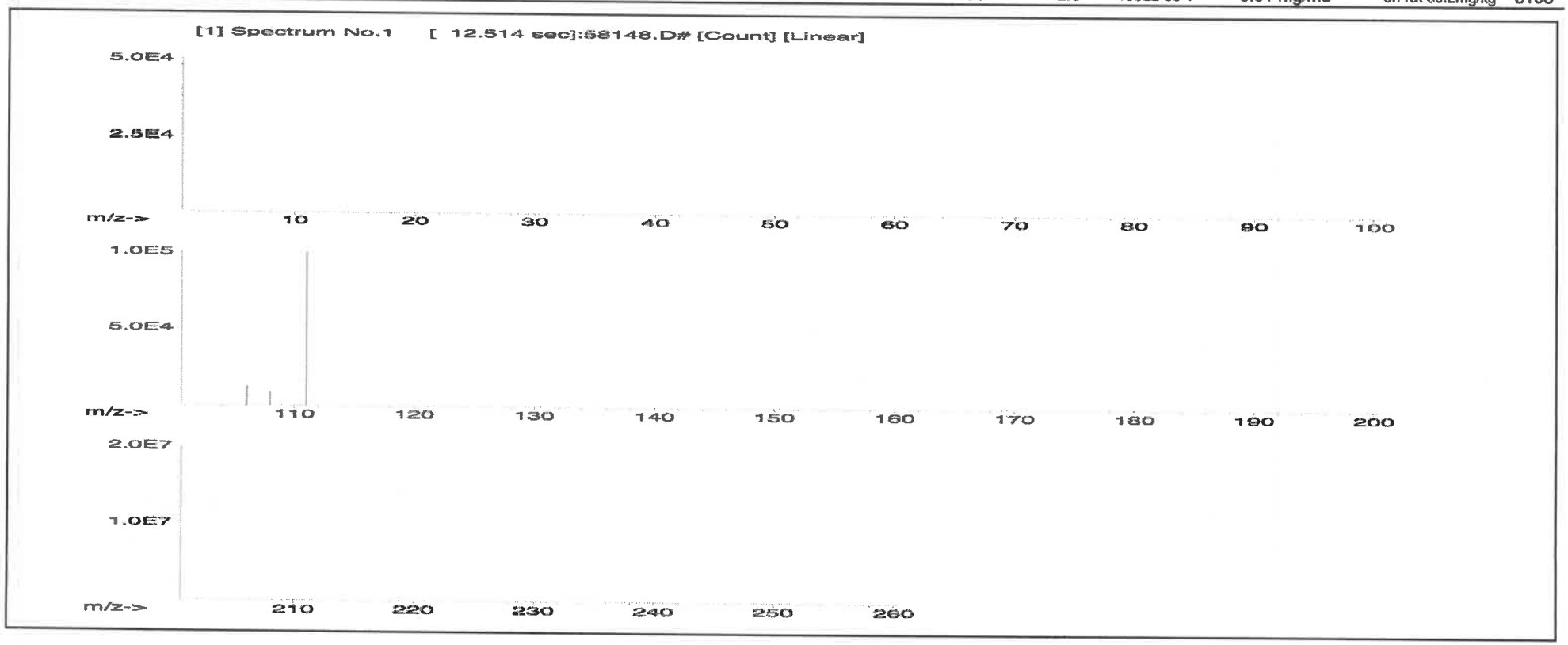
| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty

Aleah O'Brady
Formulated By: Aleah O'Brady 070124

Pedro Rentas
Reviewed By: Pedro L. Rentas 070124

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Cadmium nitrate tetrahydrate (Cd) | IN024 | CDM092021A1 | 1000 | 99.999 | 0.10 | 36.5 | 5.4797 | 5.4804 | **1000.1** | **2.0** | 10022-68-1 | 0.01 mg/m3 | orl-rat 60.2mg/kg | 3108 |



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**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | T | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

# 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 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*

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.

ICSA: M5244

ICSB: M5245

**Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803**

| 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 | [100000] | | | [100000] | | |
| Sb | 2.0 | (1.5) | -2.5 | 5.5 | (22.0) | 18.0 | 26.0 |
| As | 1.0 | (0.10) | -1.9 | 2.1 | 19.0 | 16.2 | 21.9 |
| Ba | 10 | (1.2) | -18.8 | 21.2 | (22.0) | 2.0 | 42.0 |
| Be | 1.0 | (0.0) | -2.0 | 2.0 | 19.0 | 16.2 | 21.9 |
| Cd | 1.0 | (0.70) | -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 | (0.30) | -9.7 | 10.0 | (19.0) | 9.0 | 29.0 |
| Ag | 1.0 | (0.0) | -2.0 | 2.0 | 18.0 | 15.3 | 20.7 |
| Na | 500 | [100000] | | | [100000] | | |
| S | | [100000] | | | [100000] | | |
| Tl | 1.0 | (0.0) | -2.0 | 2.0 | 21.0 | 17.9 | 24.2 |
| Ti | | [2000] | | | [2000] | | |
| V | 5.0 | (0.50) | -9.5 | 10.5 | (19.0) | 9.0 | 29.0 |
| Zn | 5.0 | (11.0) | 1.0 | 21.0 | (29.0) | 19.0 | 39.0 |

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

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R: 8/15/24 M6025

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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

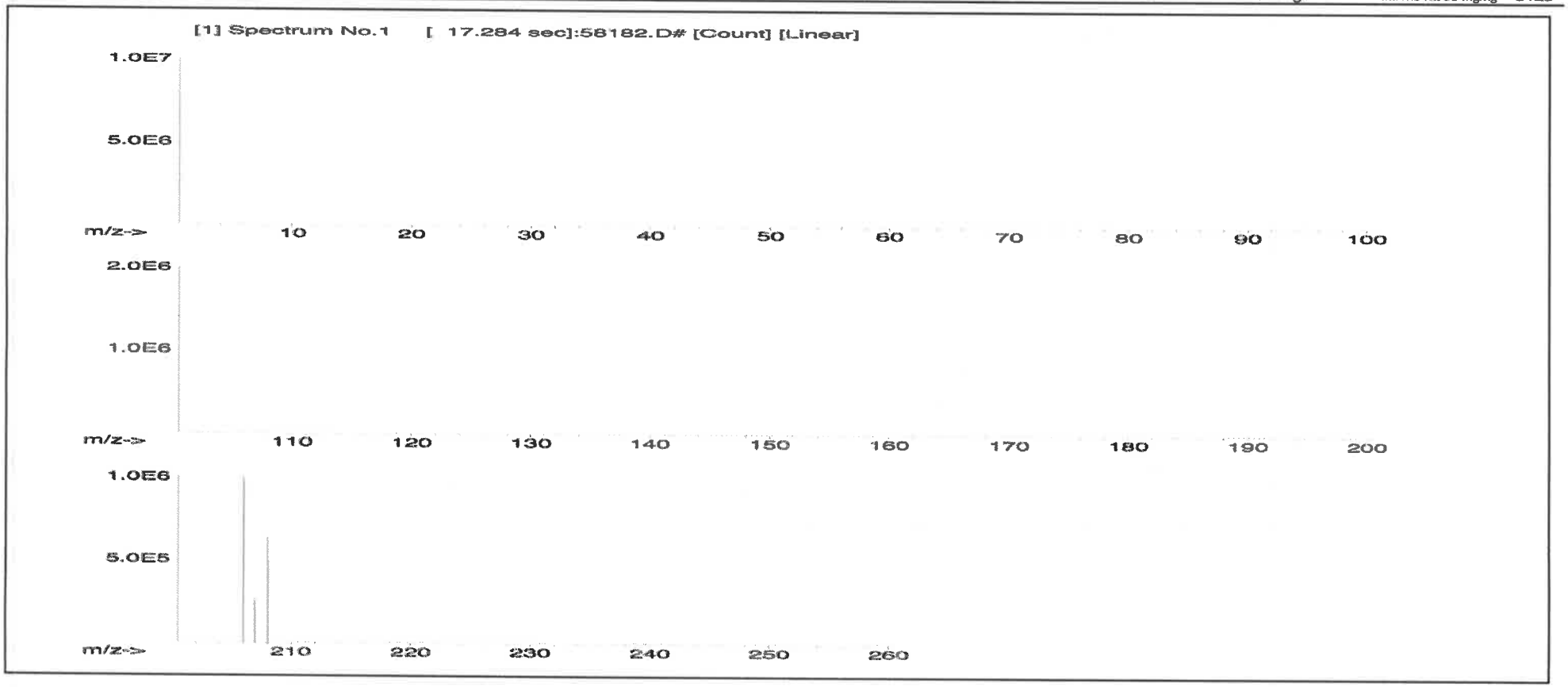
**Weight shown below was diluted to (mL):** 2000.02 0.058 Flask Uncertainty

| | 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 |



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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 | <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.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
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M6026

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CERTIFIED WEIGHT REPORT:

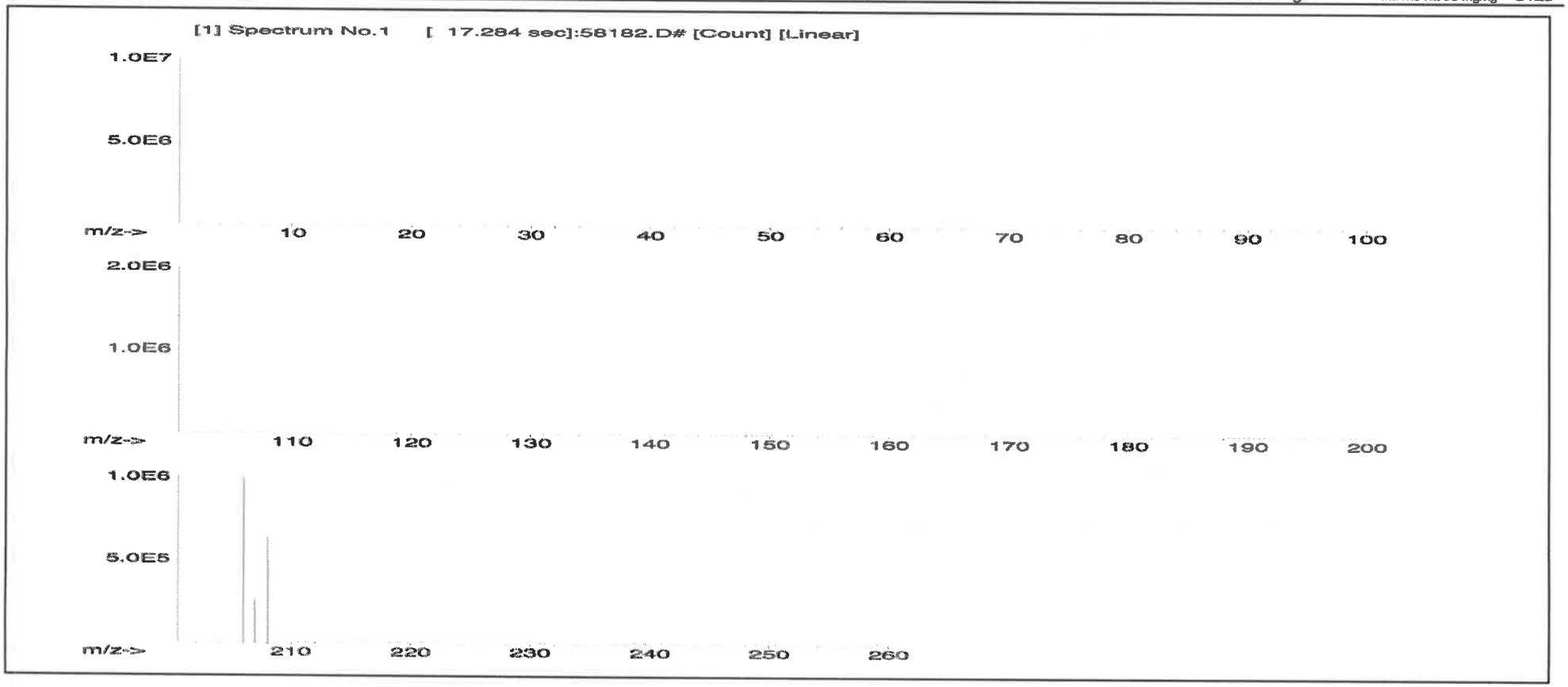
**Part Number:** 57182
**Lot Number:** 110923
**Description:** Lead (Pb)

**Expiration Date:** 110926
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.02

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |
| | 5E-05 | Balance Uncertainty | |
| | 0.058 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Lawence Barry | 110923 |
| Reviewed By: | Pedro L. Rentas | 110923 |

| Compound | RM# | Lot Number | Nominal Conc. (µg/mL) | Purity (%) | Uncertainty Purity (%) | Assay (%) | Target Weight (g) | Actual Weight (g) | Actual Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Lead(II) nitrate (Pb) | IN029 | PBD122016A1 | 10000 | 99.999 | 0.10 | 62.5 | 32.0006 | 32.0040 | **10001.1** | **20.0** | 10099-74-8 | 0.05 mg/m3 | intrvns-rat 93 mg/kg | 3128 |



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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 | <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).

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.

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# Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

M5062
M5063
M3

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Single Analyte Mass Spec Solution |
| Catalog Number: | MSHG-10PPM |
| Lot Number: | S2-HG709270 |
| Matrix: | 10% (v/v) HCl |
| Value / Analyte(s): | 10 µg/mL ea: Mercury |
| Starting Material: | Hg metal |
| Starting Material Lot#: | 1959 |
| Starting Material Purity: | 99.9994% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 10.001 ± 0.053 µg/mL

**Density:** 1.020 g/mL (measured at 20 ± 4 °C)

### Assay Information:

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Hg | ICP Assay | 3133 | 160921 |
| Hg | EDTA | 928 | 928 |
| Hg | Calculated | | See Sec. 4.2 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$$X_{CRM/RM} = \Sigma(w_i)(X_i)$$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance.

$$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$$

$$\text{CRM/RM Expanded Uncertainty } (\pm) = U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$$X_{CRM/RM} = (X_a)(u_{char\ a})$$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

$$\text{CRM/RM Expanded Uncertainty } (\pm) = U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/4}$$

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.

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



JENSEN INERT PRODUCTS

# MATERIAL CERTIFICATE OF COMPLIANCE

DATE: JUNE 12, 2023

| | |
|---|---|
| **CUSTOMER:** | PCI SCIENTIFIC SUPPLY, INC |
| **PURCHASE ORDER NO.** | 6054931 |
| **CATALOG NO.** | BOI5021-450L |
| **PRODUCT DESCRIPTION:** | BOILING STONES, TFE, 454GMS |
| **QUANTITY:** | 10 EACH |
| **LOT NO.** | W126678 |
| **SPECIFICATION (S):** | Made from Virgin PTFE Resin |

We certify that we have complied with the terms and conditions of the above Purchase Order and the Part Specifications in the manufacturing of the above product.

Laura Valencia

**Laura Valencia**
**Quality Assurance Inspector**

F:U:J:CF:PCISCI:COC-55118-BOI5021-061223

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Email: jensen@jenseninert.com Visit our Web Site at www.jenseninert.com

JENSEN INERT PRODUCTS

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We certify that we have complied with the terms and conditions of the above Purchase Order and the Part Specifications in the manufacturing of the above product.

Laura Valencia

**Laura Valencia**
**Quality Assurance Inspector**

F:U:J:CF:PCISCI:COC-55118-BOI5021-061223

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Email: jensen@jenseninert.com Visit our Web Site at www.jenseninert.com

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M5658 R ! 8/25/23

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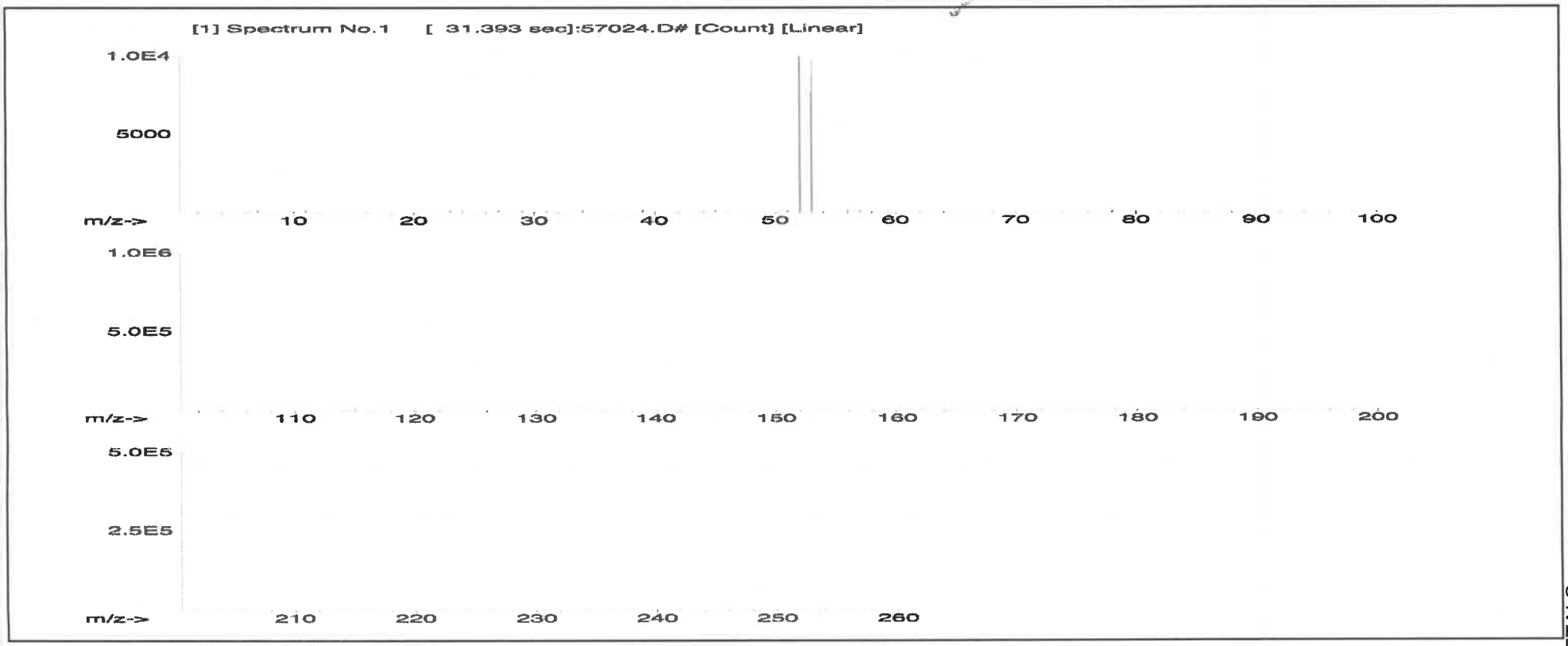


CERTIFIED WEIGHT REPORT:

| | | 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 |



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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 | 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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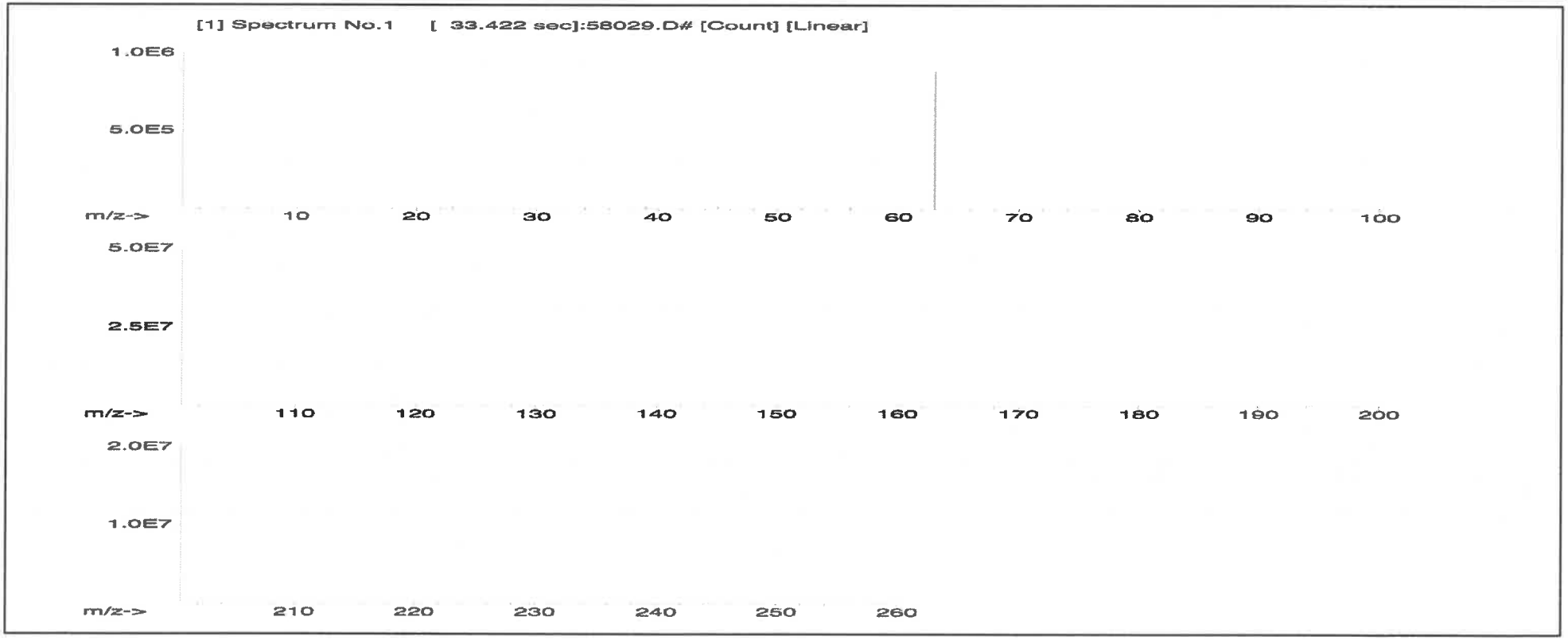
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CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: |
|---|---|---|---|
| **Part Number:** | **58029** | 24002546 | Nitric Acid |
| **Lot Number:** | **102523** | | |
| **Description:** | **Copper (Cu)** | | |
| | | 2.0% | 40.0 (mL) Nitric Acid |
| **Expiration Date:** | 102526 | | |
| **Recommended Storage:** | Ambient (20 °C) | | |
| **Nominal Concentration (µg/mL):** | **1000** | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 102523 |
| Reviewed By: | Pedro L. Rentas | 102523 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Copper(II) nitrate trihydrate (Cu) | 58129 | 100223 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.1 | **1000.0** | **2.2** | 10031-43-3 | 1 mg/m3 | orl-rat 794 mg/kg | 3114 |



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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 | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | T | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5798

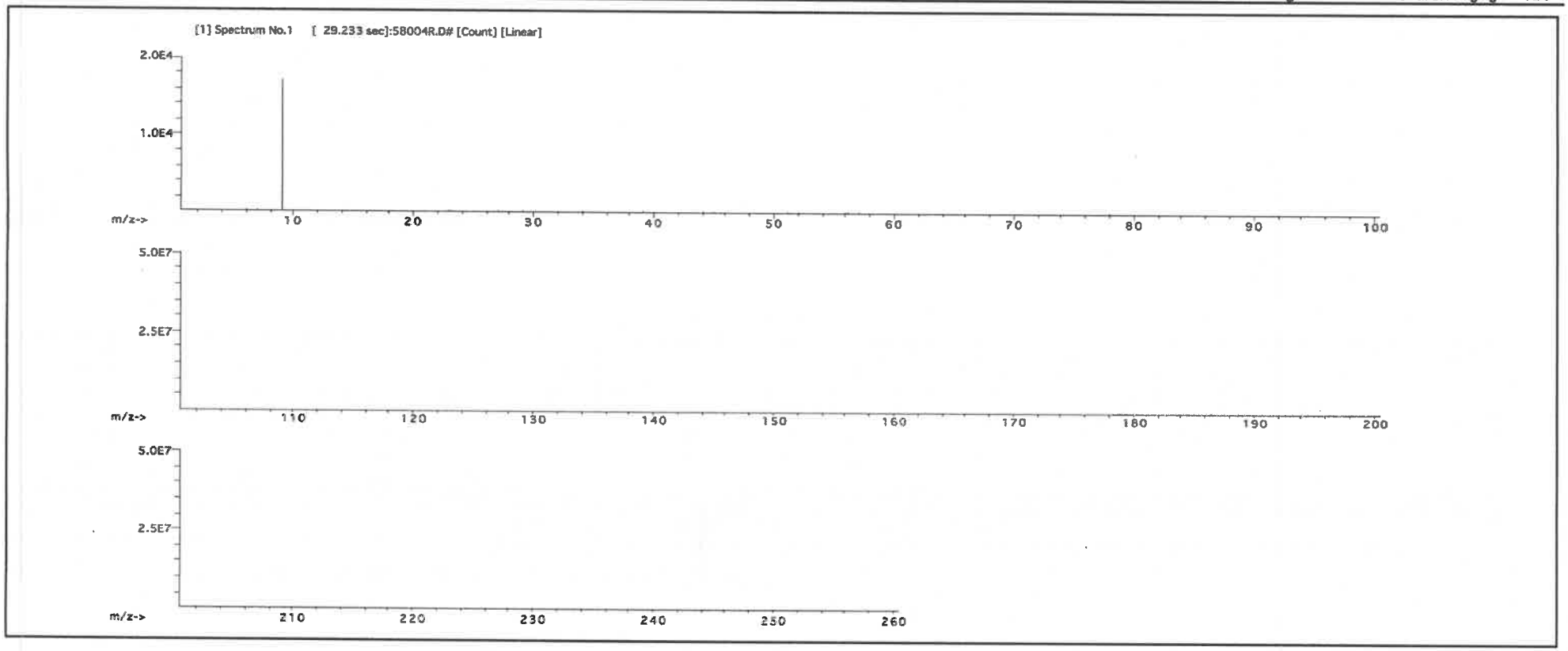
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57004** | | | |
| **Lot Number:** | **102523** | 24002546 | Nitric Acid | |
| **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 |



Q33995-METALS

**Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):**

| Trace Metals Verification by ICP-MS (µg/mL) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | T | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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**CERTIFIED WEIGHT REPORT:**

**Part Number:** 57050
**Lot Number:** 071123
**Description:** Tin (Sn)

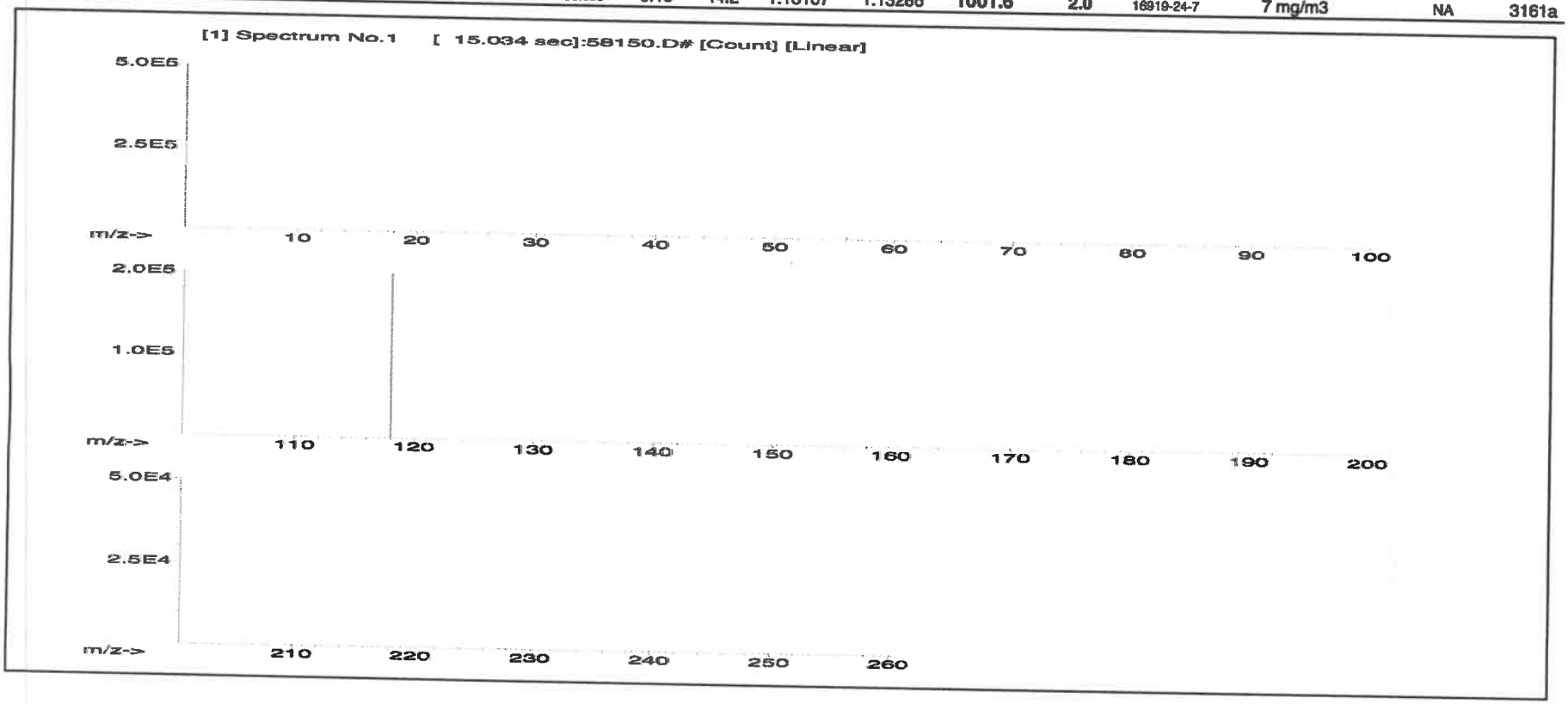
**Expiration Date:** 071126
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 499.93

| | 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 |



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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 | <500 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | T | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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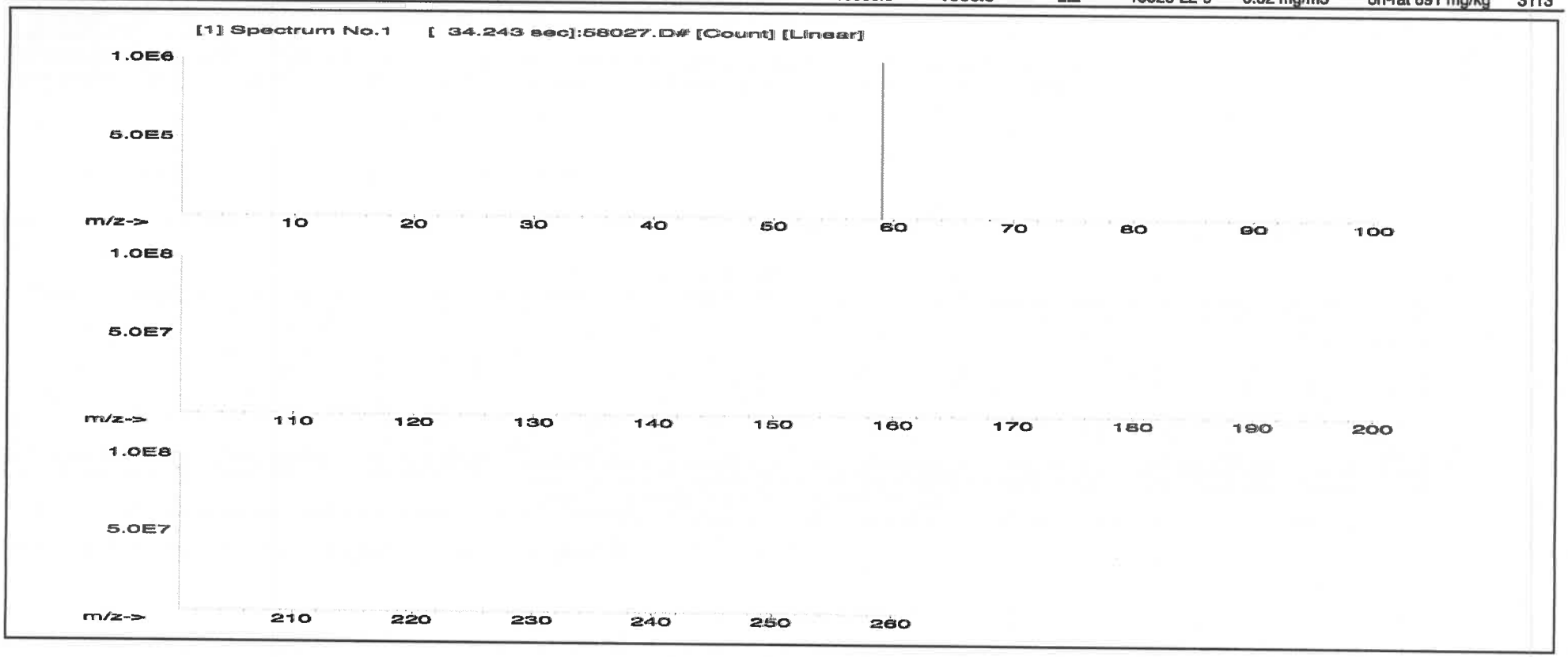
CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57027** | 24002546 | Nitric Acid | | |
| **Lot Number:** | **091923** | | | | |
| **Description:** | **Cobalt (Co)** | 2.0% | 40.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 091926 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Volume shown below was diluted to (mL):** | 2000.02 | 0.058 | Flask Uncertainty | | |

Formulated By: Lawrence Barry 091923

Reviewed By: Pedro L. Rentas 091923

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Cobalt(II) nitrate hexahydrate (Co) | 58127 | 050923 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.0 | **1000.0** | **2.2** | 10026-22-9 | 0.02 mg/m3 | orl-rat 691 mg/kg | 3113 |



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**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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* 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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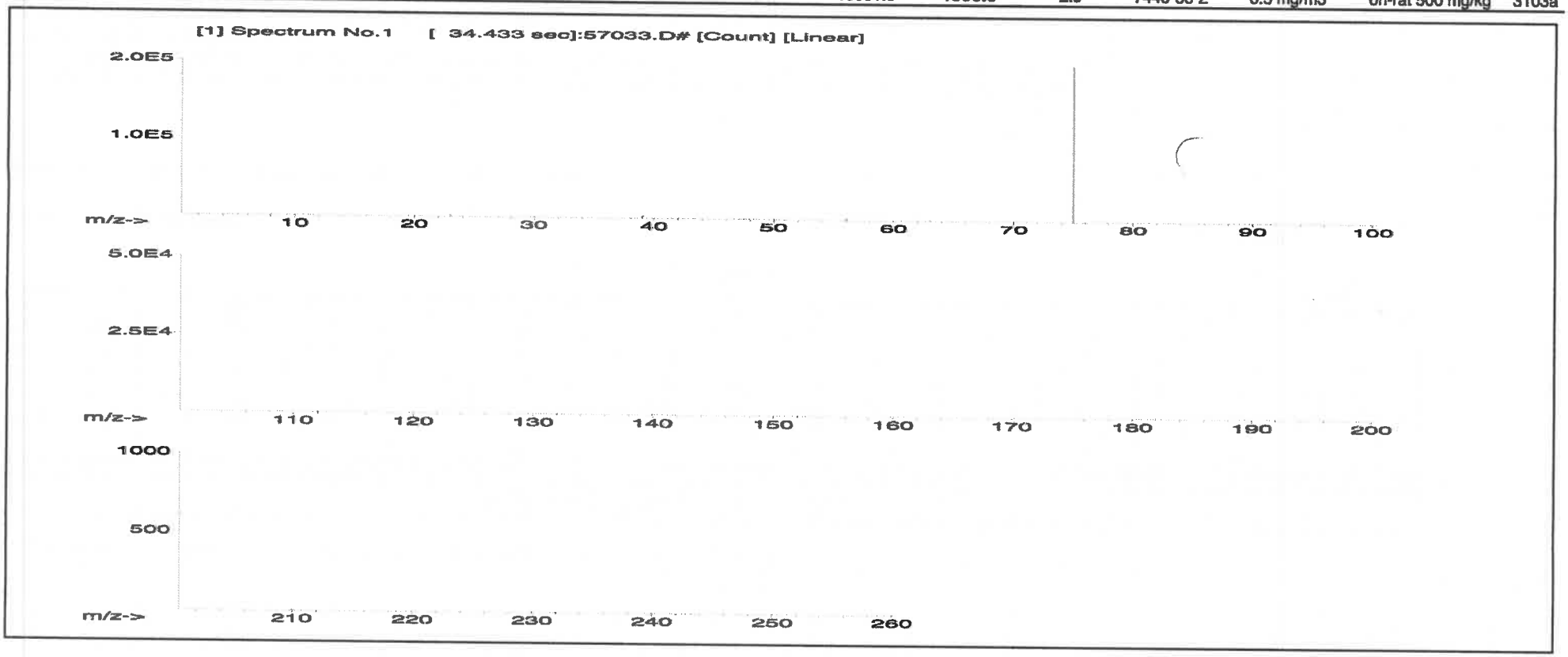


CERTIFIED **WEIGHT** REPORT:

| | | Lot # | Solvent: | | |
|---|---|---|---|---|---|
| **Part Number:** | **57033** | | | | |
| **Lot Number:** | **111323** | 24002546 | Nitric Acid | | |
| **Description:** | **Arsenic (As)** | 2.0% | 80.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 111326 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **1000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Volume shown below was diluted to (mL):** | 4000.0 | 0.06 | Flask Uncertainty | | |

| | | |
|---|---|---|
| Formulated By: | Lawrence Barry | 111323 |
| Reviewed By: | Pedro L. Rentas | 111323 |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Nominal Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty +/- (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 | NIST SRM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Arsenic (As) | 58133 | 020522 | 0.1000 | 400.0 | 0.084 | 1000 | 10001.0 | **1000.0** | **2.0** | 7440-38-2 | 0.5 mg/m3 | orl-rat 500 mg/kg | 3103a |



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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 | 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.
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R1 02/09/24. M58165

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CERTIFIED WEIGHT REPORT:

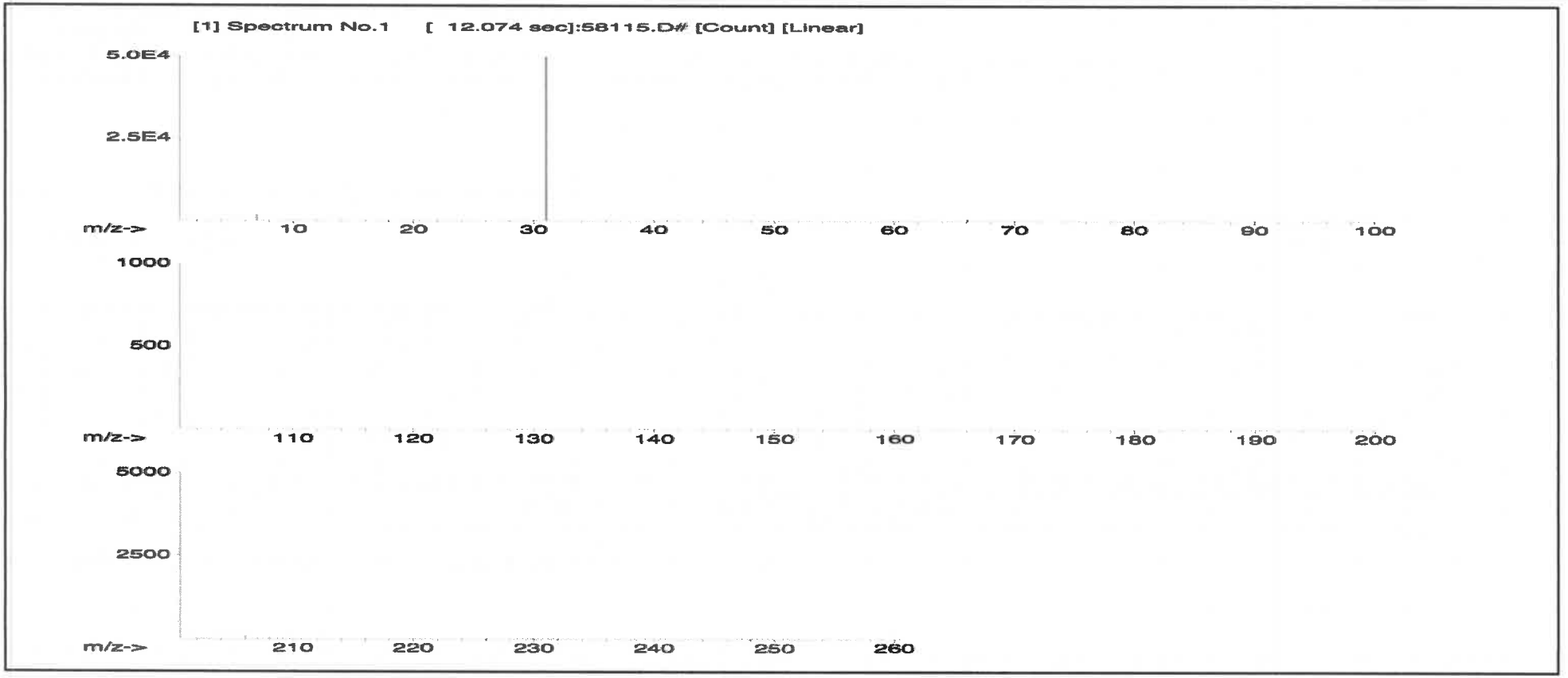
**Part Number:** 57115
**Lot Number:** 041723
**Description:** Phosphorous (P)

**Expiration Date:** 041726
**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:** | 21110221 | | Nitric Acid |
| | 2% | 40.0 (mL) | Nitric Acid |
| | | 5E-05 | Balance 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 |



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**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.

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CERTIFIED WEIGHT REPORT:

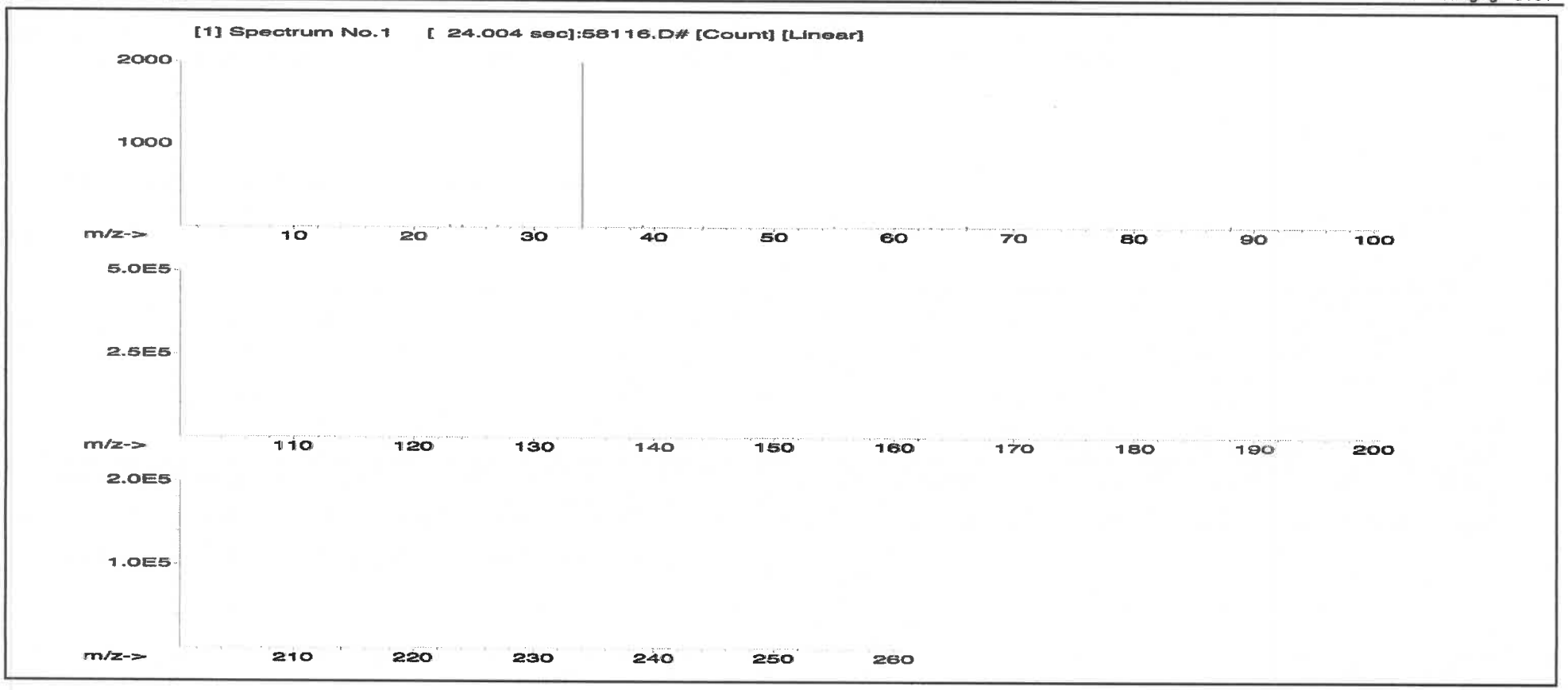
**Part Number:** 57116
**Lot Number:** 071123
**Description:** Sulfur (S)

**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 |



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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 | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | T | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Sodium Chloride, Crystal
BAKER ANALYZED® A.C.S. Reagent

MT884
MB

avantor™ | J.T.Baker®

Material No.: 3624-01
Batch No.: 0000281938
Manufactured Date: 2021-06-07
Retest Date: 2026-06-07
Revision No.: 1

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay (NaCl) (by Ag titrn) | ≥ 99.0 % | 100.0 % |
| pH of 5% Solution at 25°C | 5.0 - 9.0 | 6.3 |
| Insoluble Matter | ≤ 0.005 % | 0.003 % |
| Iodide (I) | ≤ 0.002 % | < 0.002 % |
| Bromide (Br) | ≤ 0.01 % | < 0.01 % |
| Chlorate and Nitrate (as $NO_3$) | ≤ 0.003 % | < 0.001 % |
| ACS - Phosphate ($PO_4$) | ≤ 5 ppm | < 5 ppm |
| Sulfate ($SO_4$) | ≤ 0.004 % | < 0.004 % |
| Barium (Ba) | Passes Test | Passes Test |
| ACS - Heavy Metals (as Pb) | ≤ 5 ppm | < 5 ppm |
| Iron (Fe) | ≤ 2 ppm | < 1 ppm |
| Calcium (Ca) | ≤ 0.002 % | < 0.001 % |
| Magnesium (Mg) | ≤ 0.001 % | < 0.001 % |
| Potassium (K) | ≤ 0.005 % | 0.001 % |

For Laboratory,Research,or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs
Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

James T Ethier

Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Mansford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

M5962 R! 06/14/24.

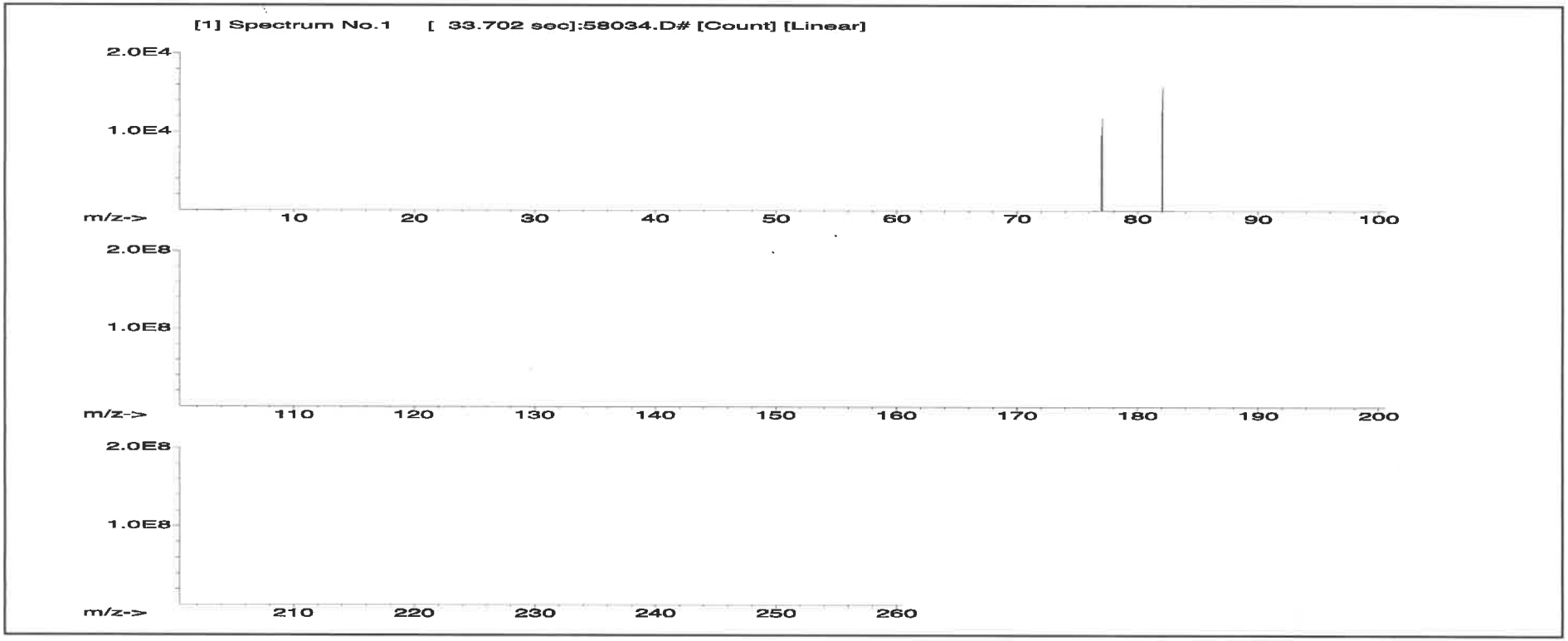
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CERTIFIED WEIGHT REPORT:

| | | 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 |



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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 | T | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

**Certified by:**

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

MS978, MS979

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

R: 2/22/24

## 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 865.01

ACCREDITED Reference Material Producer Certificate 865.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Single Analyte Custom Grade Solution |
| Catalog Number: | CGT11 |
| 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 ($\pm$) = $u_{CRM/RM} = k\,(u^2_{Char} + u^2_{Lb} + u^2_{Its} + u^2_{Es})^{½}$

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

$u_{Lb}$ = bottle to bottle homogeneity standard uncertainty

$u_{Its}$ = 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 ($\pm$) = $u_{CRM/RM} = k\,(u^2_{Char\ a} + u^2_{Lb} + u^2_{Its} + u^2_{Es})^{½}$

k = coverage factor = 2

$u_{Char\ a}$ = the errors from characterization

$u_{Lb}$ = bottle to bottle homogeneity standard uncertainty

$u_{Its}$ = 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 for months in 1% 2-5% HNO3 / trace HF in an LDPE container.

**Ti Containing Samples (Preparation and Solution) -** Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores ( fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

**Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):**

| Technique/Line | Estimated D.L. | Order | Interferences (underlined indicates severe) |
|---|---|---|---|
| ICP-MS 48 amu | 14 ppt | N/A | 32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)] |
| ICP-OES 323.452 nm | 0.0054 / 0.00092 µg/mL | 1 | Ce, Ar, Ni |
| ICP-OES 334.941 nm | 0.0038 / 0.000028 µg/mL | 1 | Nb, Ta, Cr, U |
| ICP-OES 336.121 nm | 0.0053 / 0.000034 µg/mL | 1 | W, Mo, Co |

**HF Note:** This standard should not be prepared or stored in glass.

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

**10.1 ISO 9001 Quality Management System Registration**

- QSR Certificate Number QSR-1034

**10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"**

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

**10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"**

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

**- June 17, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Approved By:**

Thomas Kozikowski
Manager, Quality Control

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

M5981 R:6/11/24

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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 | | |

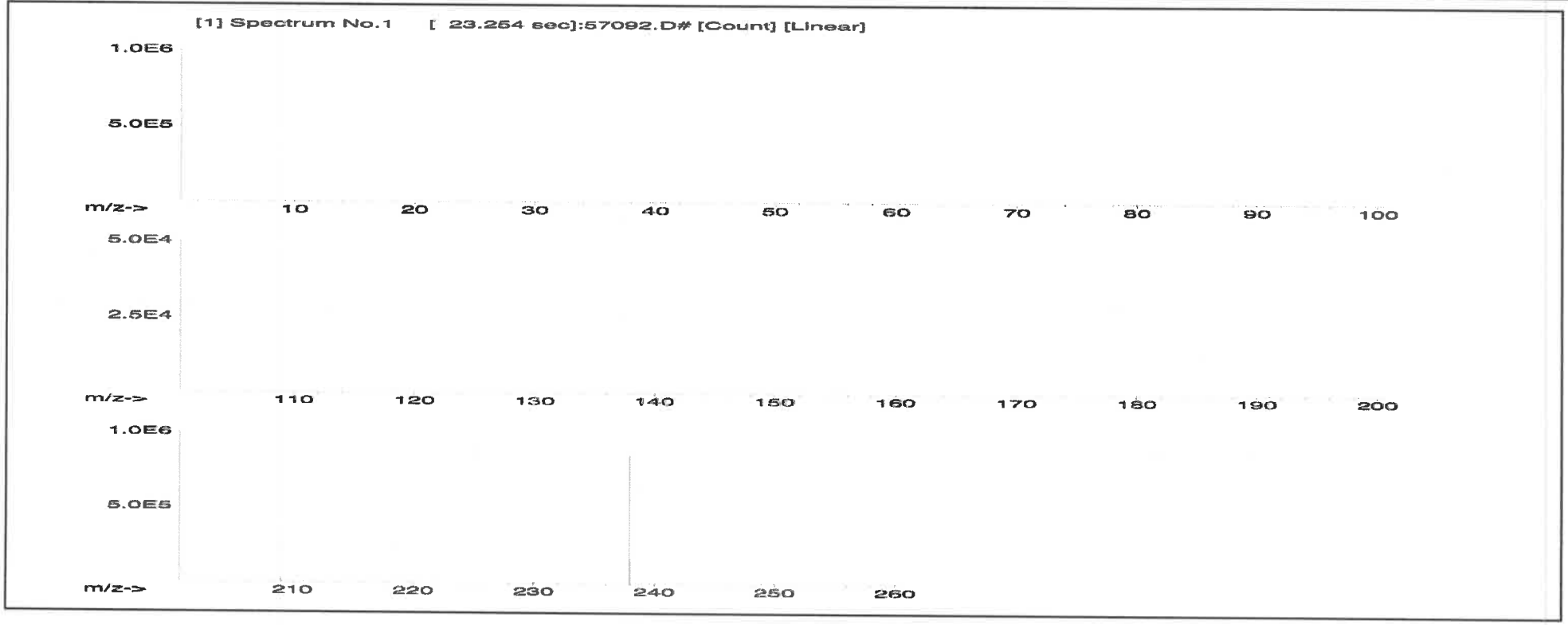
Giovanni Esposito

| 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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*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

**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).

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

R 18/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
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## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | 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



**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

M6079 R: 9/30/24

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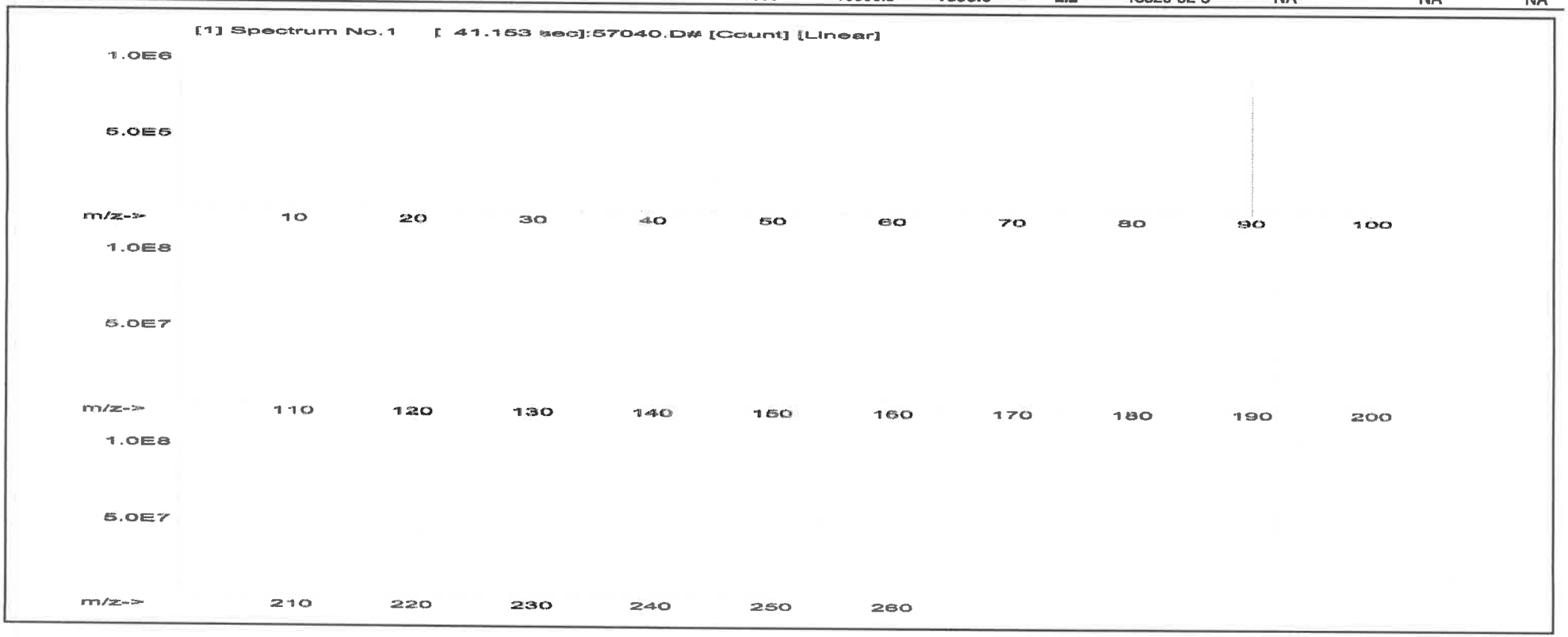


CERTIFIED WEIGHT REPORT:

| | | 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 |



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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 | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | T |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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## CERTIFIED WEIGHT REPORT:

R->1/13/25
M6128

**Part Number:** 58025
**Lot Number:** 101124
**Description:** Manganese (Mn)
**Expiration Date:** 101127
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB

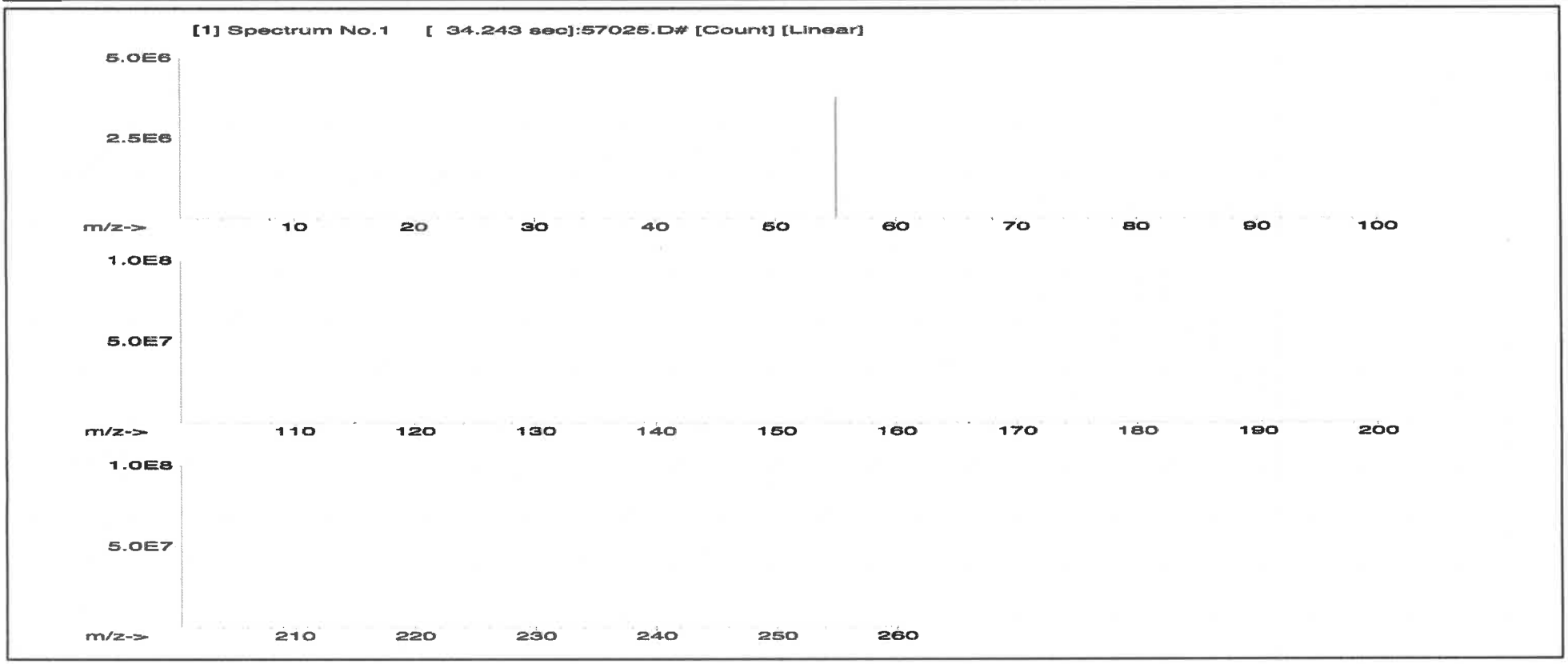
| | | Lot # | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| | 2% | 80.0 (mL) | Nitric Acid |

5E-05 Balance Uncertainty

**Weight shown below was diluted to (mL):** 4000.2 0.10 Flask Uncertainty

| | | |
|---|---|---|
| Giovanni Esposito | | |
| Formulated By: | Giovanni Esposito | 101124 |
| Pedro Rentas | | |
| Reviewed By: | Pedro L. Rentas | 101124 |

| 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. Manganese(II) nitrate hydrate (Mn) | IN031 | MNM092020A1 | 1000 | 99.999 | 0.10 | 20.8 | 19.2322 | 19.2344 | **1000.1** | **2.0** | 15710-66-4 | 5 mg/m3 | orl-rat >300mg/kg | 3132 |



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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 | 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 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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# Certificate of Analysis

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M6137 R→10/3/24

## 1.0 ACCREDITATION / REGISTRATION

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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: | CGSI1 |
| Lot Number: | V2-SI744713 |
| Matrix: | tr. HNO3<br>tr. HF |
| Value / Analyte(s): | 1 000 µg/mL ea:<br>Silicon |
| Starting Material: | Silica |
| Starting Material Lot#: | 1771 |
| Starting Material Purity: | 99.9981% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 999 ± 6 µg/mL

**Density:** 1.003 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

**Assay Method #1** **999 ± 5 µg/mL**
ICP Assay NIST SRM Traceable to 3150 Lot Number: S2-SI702546

**Assay Method #2** **1000 ± 7 µg/mL**
Calculated NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | Ag | < | 0.000310 | M | Eu | < | 0.000310 | O | Na | | 0.001656 | M | Se | < | 0.022000 | M | Zn | < | 0.002500 |
| M | Al | | 0.010787 | M | Fe | < | 0.027000 | M | Nb | < | 0.001300 | s | Si | < | | O | Zr | < | 0.001900 |
| M | As | < | 0.001900 | M | Ga | < | 0.001300 | M | Nd | < | 0.000310 | M | Sm | < | 0.000310 | | | | |
| M | Au | < | 0.000910 | M | Gd | < | 0.000310 | M | Ni | < | 0.005500 | M | Sn | | 0.000096 | | | | |
| M | B | | 0.016180 | M | Ge | < | 0.001900 | M | Os | < | 0.000610 | O | Sr | | 0.000092 | | | | |
| M | Ba | | 0.000096 | M | Hf | | 0.000423 | i | P | < | | M | Ta | | 0.002542 | | | | |
| O | Be | < | 0.000570 | M | Hg | < | 0.000610 | M | Pb | < | 0.000310 | M | Tb | < | 0.000310 | | | | |
| M | Bi | < | 0.000310 | M | Ho | < | 0.000610 | M | Pd | < | 0.000610 | M | Te | < | 0.000910 | | | | |
| O | Ca | | 0.011557 | M | In | < | 0.000310 | M | Pr | < | 0.000310 | M | Th | < | 0.001900 | | | | |
| M | Cd | < | 0.000310 | M | Ir | < | 0.000310 | M | Pt | < | 0.000310 | M | Ti | | 0.001078 | | | | |
| M | Ce | < | 0.000610 | O | K | | 0.000577 | M | Rb | < | 0.009100 | M | Tl | < | 0.000310 | | | | |
| M | Co | < | 0.001600 | M | La | < | 0.000310 | M | Re | < | 0.000310 | M | Tm | < | 0.000310 | | | | |
| M | Cr | < | 0.010000 | O | Li | < | 0.000460 | M | Rh | < | 0.000310 | M | U | < | 0.000310 | | | | |
| M | Cs | < | 0.000310 | M | Lu | < | 0.000310 | M | Ru | < | 0.000310 | O | V | < | 0.001300 | | | | |
| M | Cu | < | 0.002500 | O | Mg | | 0.001348 | O | S | < | 0.570000 | M | W | < | 0.001900 | | | | |
| M | Dy | < | 0.000310 | M | Mn | < | 0.002500 | M | Sb | < | 0.000310 | M | Y | < | 0.000310 | | | | |
| M | Er | < | 0.000310 | M | Mo | < | 0.000310 | O | Sc | < | 0.000590 | M | Yb | < | 0.000310 | | | | |

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

**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**

**Atomic Weight; Valence; Coordination Number; Chemical Form in Solution** - 28.09 +4 6 Si(OH)x(F)y2-

**Chemical Compatibility** -Soluble in HCl, HF, H3PO4 H2SO4 and HNO3 as the Si(OH)x(F)y2-. 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 silicic acid (silicic acid is soluble up to ∼100 ppm in water) in all dilute acids except HF.

**Stability** - 2-100 ppb levels - stability unknown - (alone or mixed with all other metals) as the Si(OH)x(F)y2-. 1-10,000 ppm single element solutions as the Si(OH)x(F)y2- chemically stable for years in 2-5 % HNO3 / trace HF in a LDPE container.

**Si Containing Samples (Preparation and Solution)** -Metal (Soluble in 1:1:1 H2O / HF / HNO3); Oxide - SiO2, amorphic (dissolve by heating in 1:1:1 H2O / HF / HNO3); Oxide - quartz (fuse in Pt0 with Na2CO3); Geological Samples(fuse in Pt0with Na2CO3 followed by HCl solution of the fuseate); Organic Matrices containing silicates and non volatile silicon compounds (dry ash at 4500C in Pt0 and dissolve by gently warming with 1:1:1 H2O / HF / H2SO4 or fuse / ash with Na2CO3 and dissolve fuseate with HCl / H2O ); Silicone Oils - dimethyl silicones depolymerize to form volatile monomer units when heated (Measure directly in alcoholic KOH / xylene mixture where sample is treated first with the KOH at 60-1000C to "unzip" the Si- O-Si polymeric structure or digest with conc. H2SO4 / H2O2 followed by cooling and dissolution of the dehydrated silica with HF.) Note that the direct analysis of silicone oils in an organic solvent will result in false high results due to high vapor pressure of volatile monomer units like hexamethylcyclotrisiloxane. The KOH forms the K2+Si(CH3)2O= salt which is not volatile at room temperature.

**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 28 amu | 4000 - 8000 ppt | N/A | N2, 12C16O |
| ICP-OES 212.412 nm | 0.02/0.01 µg/mL | 1 | Hf, Os, Mo, Ta |
| ICP-OES 251.611 nm | 0.012/0.003 µg/mL | 1 | Ta, U, Zn, Th |
| ICP-OES 288.158 nm | 0.03/0.004 µg/mL | 1 | Ta, Ce, Cr, Cd, Th |

**HF Note:** This standard should not be prepared or stored in glass.

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

### 11.1 Certification Issue Date

July 10, 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

- **July 10, 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 Prepared By:**

Uyen Truong
Custom Processing Supervisor

**Certificate Approved By:**

Muzzammil Khan
Stock Laboratory Supervisor

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

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CERTIFIED WEIGHT REPORT:

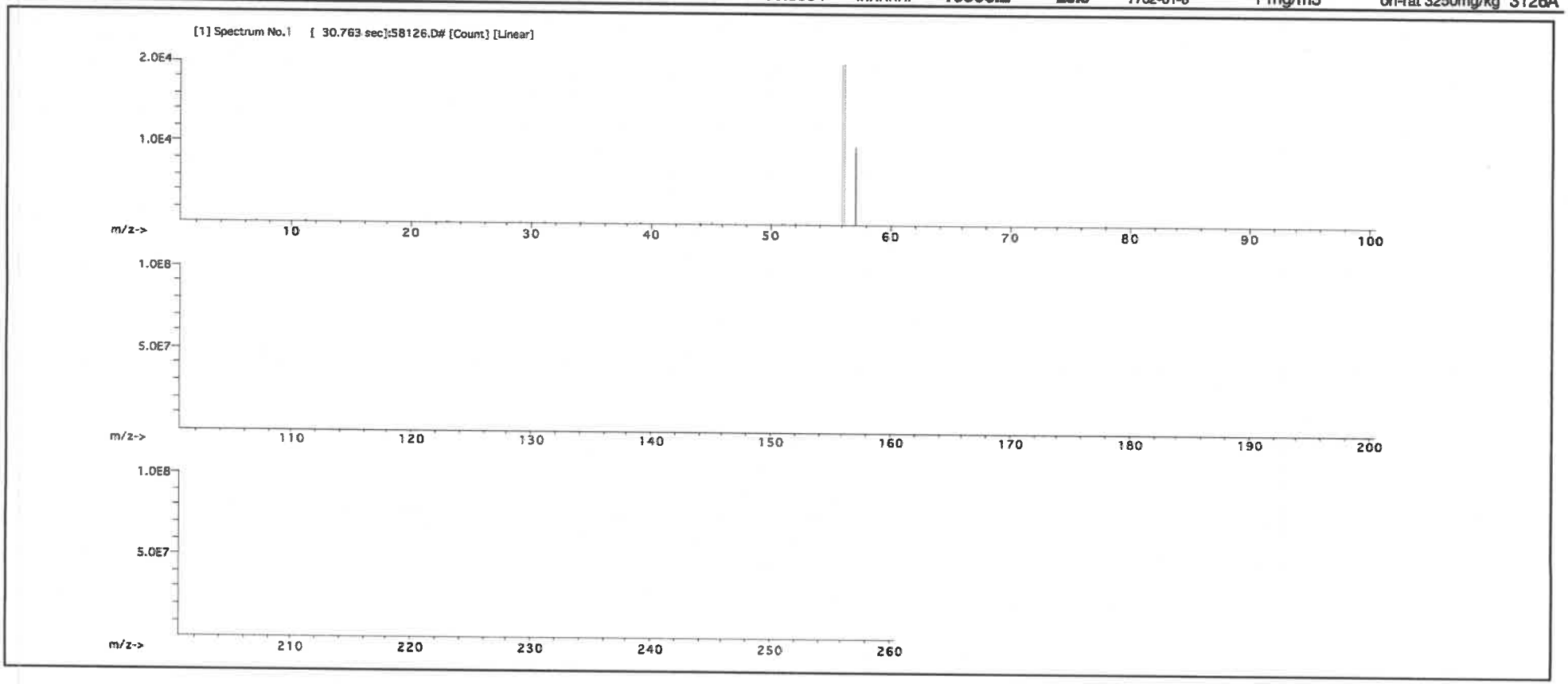
**Part Number:** 58126 R->1|B|2S
**Lot Number:** 011025
**Description:** Iron (Fe) M6140
**Expiration Date:** 011028
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.07

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24012496 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty
0.100 Flask Uncertainty

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 011025 |
| Reviewed By: | Pedro L. Rentas | 011025 |

| 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(III) nitrate nonahydrate (Fe) | IN028 | FED082023A1 | 10000 | 99.999 | 0.10 | 13.0 | 153.8534 | ###### | **10000.2** | **20.0** | 7782-61-8 | 1 mg/m3 | orl-rat 3250mg/kg | 3126A |



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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 | T | 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 WEIGHT REPORT:

R-> 1/13/25

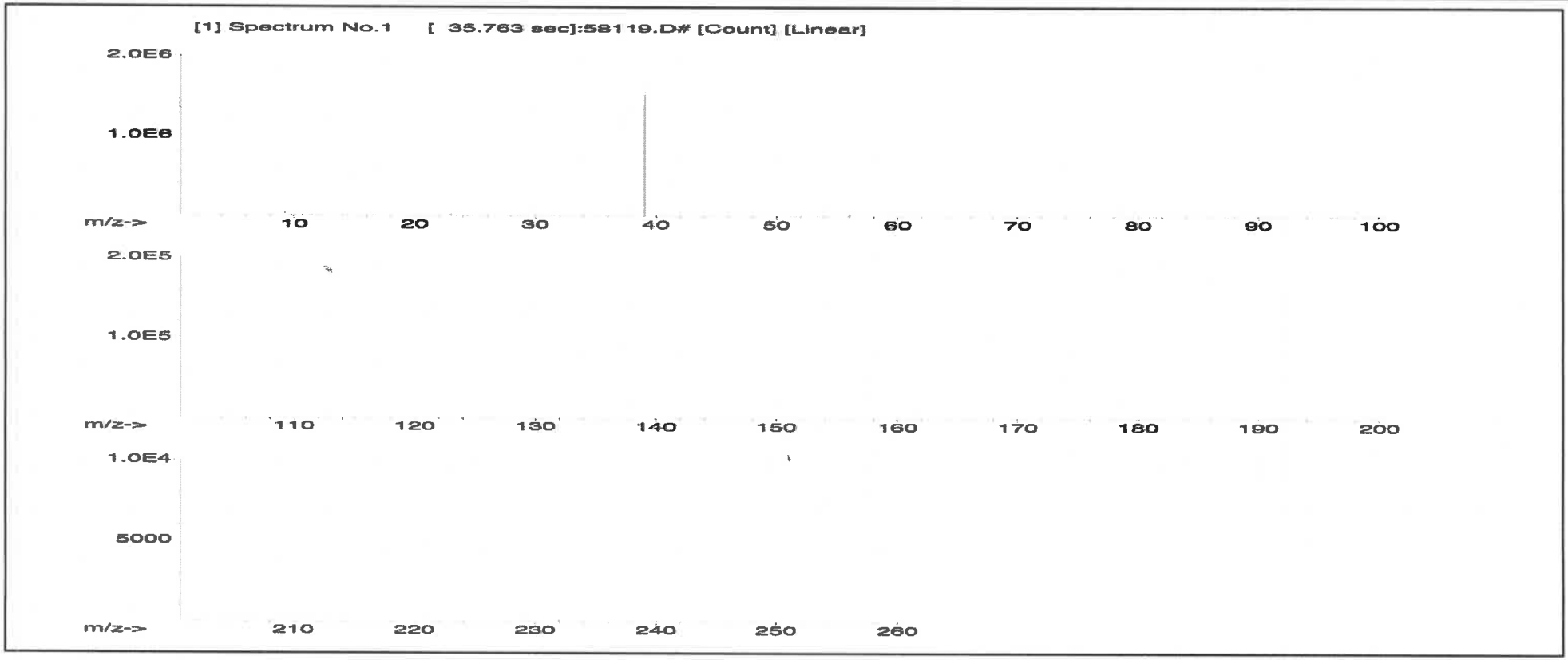
| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57119** | | **Lot #** | | |
| **Lot Number:** | **103024** | **Solvent:** | 24002546 | Nitric Acid | |
| **Description:** | **Potassium (K)** | 2% | 80.0 (mL) | Nitric Acid | |
| **Expiration Date:** | 103027 | | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | | |
| **Nominal Concentration (µg/mL):** | **10000** | | | | |
| **NIST Test Number:** | 6UTB | 5E-05 | Balance Uncertainty | | |
| **Weight shown below was diluted to (mL):** | 4000.1 | 0.15 | Flask Uncertainty | | |

M6141
M6142
M6143

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 103024 |
| Reviewed By: | Pedro L. Rentas | 103024 |

| 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 | KD062022A1 | 10000 | 99.999 | 0.10 | 37.7 | 106.1040 | ###### | **10001.1** | **20.0** | 7757-79-1 | 5 mg/m3 | orl-rat 3750 mg/kg | 3141a |



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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 | <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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## CERTIFIED WEIGHT REPORT:

**Part Number:** 58030
**Lot Number:** 121724
**Description:** Zinc (Zn)

R → 1/13/25

M6145

**Expiration Date:** 121727
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB

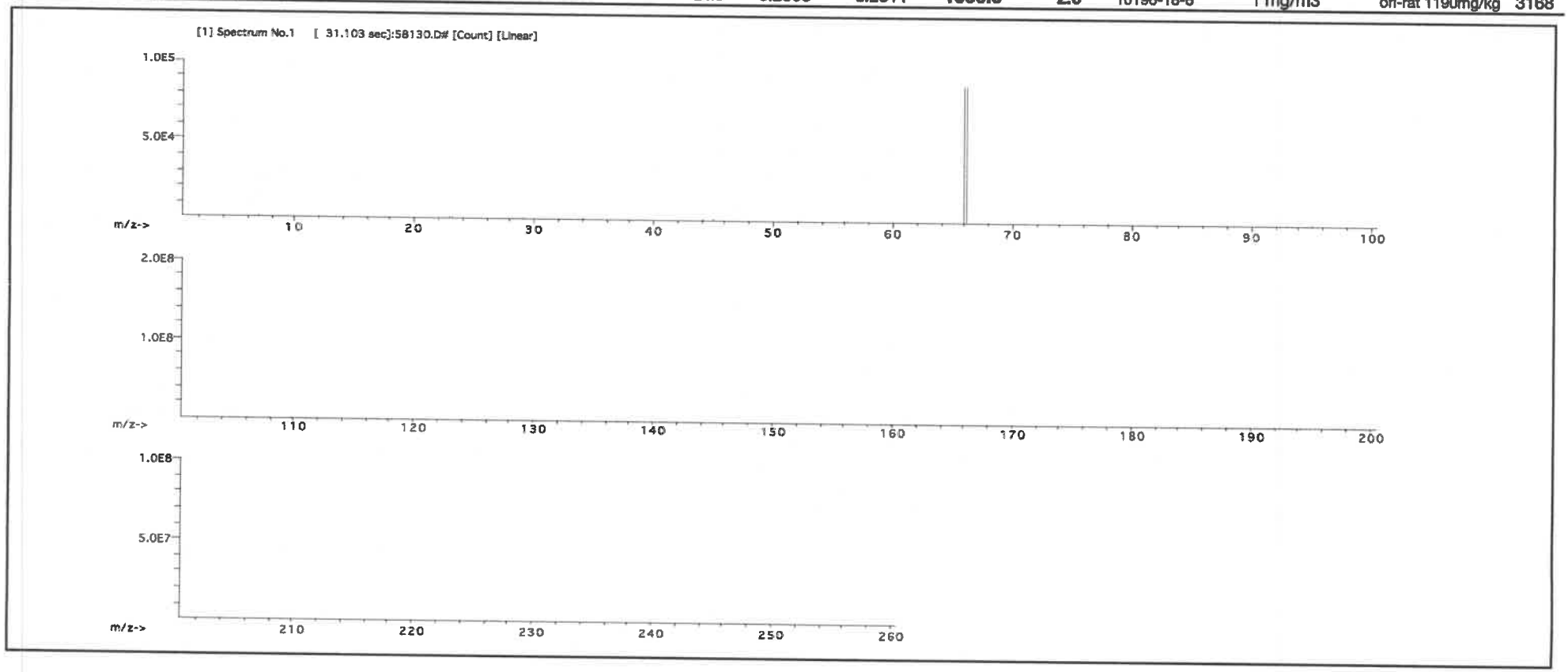
**Weight shown below was diluted to (mL):** 2000.1 | 0.10 Flask Uncertainty | 5E-05 Balance Uncertainty

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24012496 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |

Aleah O'Brady

| | | |
|---|---|---|
| Formulated By: | Aleah O'Brady | 121724 |
| Reviewed By: | Pedro L. Rentas | 121724 |

| 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 | 8.2308 | 8.2311 | **1000.0** | **2.0** | 10196-18-6 | 1 mg/m3 | ori-rat 1190mg/kg | 3168 |



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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 | <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:**

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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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

R→1/7/23
M6153

## 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: | CGSR10 |
| Lot Number: | V2-SR745329 |
| Matrix: | 2% (v/v) HNO3 |
| Value / Analyte(s): | 10 000 µg/mL ea: Strontium |
| Starting Material: | Strontium Carbonate |
| Starting Material Lot#: | 2647 |
| Starting Material Purity: | 99.9960% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 10081 ± 39 µg/mL

**Density:** 1.030 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

**Assay Method #1** **10059 ± 50 µg/mL**
ICP Assay NIST SRM Traceable to 3153a Lot Number: K2-SR650985

**Assay Method #2** **10087 ± 26 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | Ag | < | 0.000960 | M | Eu | < | 0.000480 | O | Na | | 0.002964 | M | Se | < | 0.042000 | M | Zn | 0.004560 |
| M | Al | | 0.003420 | O | Fe | | 0.013225 | M | Nb | < | 0.000480 | O | Si | | 0.012997 | M | Zr | 0.001847 |
| M | As | < | 0.007200 | M | Ga | < | 0.002900 | M | Nd | < | 0.000480 | M | Sm | < | 0.000480 | | | |
| M | Au | < | 0.003900 | M | Gd | < | 0.000480 | O | Ni | | 0.001482 | M | Sn | < | 0.000480 | | | |
| O | B | < | 0.003200 | M | Ge | < | 0.004800 | M | Os | < | 0.001500 | s | Sr | < | | | | |
| M | Ba | | 0.638494 | M | Hf | < | 0.000480 | O | P | < | 0.017000 | M | Ta | < | 0.000480 | | | |
| O | Be | < | 0.000450 | M | Hg | < | 0.000960 | M | Pb | | 0.010717 | M | Tb | < | 0.000480 | | | |
| M | Bi | < | 0.002000 | M | Ho | < | 0.000480 | M | Pd | < | 0.002000 | M | Te | < | 0.016000 | | | |
| O | Ca | | 0.025083 | M | In | < | 0.008600 | M | Pr | | 0.000547 | M | Th | < | 0.000480 | | | |
| M | Cd | < | 0.000960 | M | Ir | < | 0.000480 | M | Pt | < | 0.000480 | M | Ti | | 0.004560 | | | |
| M | Ce | | 0.000661 | O | K | | 0.025083 | M | Rb | < | 0.003400 | M | Tl | < | 0.000480 | | | |
| M | Co | | 0.001527 | M | La | < | 0.000480 | M | Re | < | 0.000480 | M | Tm | | 0.004332 | | | |
| O | Cr | < | 0.004700 | O | Li | < | 0.005600 | O | Rh | < | 0.013000 | M | U | < | 0.000480 | | | |
| M | Cs | < | 0.000480 | M | Lu | < | 0.000480 | M | Ru | < | 0.000960 | M | V | < | 0.000960 | | | |
| O | Cu | < | 0.003800 | O | Mg | | 0.001048 | O | S | < | 0.045000 | M | W | < | 0.002400 | | | |
| M | Dy | < | 0.000960 | O | Mn | | 0.000319 | M | Sb | < | 0.009600 | O | Y | < | 0.001200 | | | |
| M | Er | < | 0.000480 | M | Mo | < | 0.002900 | M | Sc | < | 0.001500 | M | Yb | < | 0.000480 | | | |

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

**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**

**Atomic Weight; Valence; Coordination Number; Chemical Form in Solution** - 87.62 +2 6 $Sr(H_2O)_{6+2}$

**Chemical Compatibility** - Soluble in HCl, and $HNO_3$. Avoid $H_2SO_4$, HF and neutral to basic media. Stable with most metals and inorganic anions forming insoluble silicate, carbonate, hydroxide, oxide, fluoride, sulfate, oxalate, chromate, arsenate and tungstate in neutral aqueous media.

**Stability** - 2-100 ppb levels stable for months in 1% $HNO_3$ / LDPE container. 1-10,000 ppm solutions chemically stable for years in 1 - 3.5% $HNO_3$ / LDPE container.

**Sr Containing Samples (Preparation and Solution)** -Metal (Best dissolved in diluted $HNO_3$ ); Ores (Carbonate fusion in Pt0 followed by HCl dissolution); Organic Matrices (Dry ash and dissolution in dilute 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 88 amu | 1200 ppt | N/A | 72Ge16O, 176Yb+2, 176Lu+2 , 176Hf+2 |
| ICP-OES 407.771 nm | 0.0004 / 0.00006 µg/mL | 1 | U, Ce |
| ICP-OES 421.552 nm | 0.0008 / 0.00004 µg/mL | 1 | Rb |
| ICP-OES 460.733 nm | 0.07 / 0.003 µg/mL | 1 | Ce |

## 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

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

August 26, 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

**- August 26, 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 Prepared By:**

Uyen Truong
Custom Processing Supervisor



**Certificate Approved By:**

Muzzammil Khan
Stock Laboratory Supervisor



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



Nitric Acid 69%
CMOS

R-02102/2025

M-6158

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 |
|---|---|---|
| Trace Impurities - Niobium (Nb) | ≤ 50.0 ppb | < 1.0 ppb |
| Trace Impurities - Potassium (K) | ≤ 50 ppb | 16 ppb |
| Trace Impurities - Silicon (Si) | ≤ 50 ppb | < 10 ppb |
| Trace Impurities - Silver (Ag) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities - Sodium (Na) | ≤ 150.0 ppb | < 5.0 ppb |
| Trace Impurities - Strontium (Sr) | ≤ 30.0 ppb | < 1.0 ppb |
| Trace Impurities - Tantalum (Ta) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities - Thallium (Tl) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities - Tin (Sn) | ≤ 20.0 ppb | < 10.0 ppb |
| Trace Impurities - Titanium (Ti) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Vanadium (V) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Zinc (Zn) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities - Zirconium (Zr) | ≤ 10.0 ppb | < 1.0 ppb |
| Particle Count - 0.5 µm and greater | ≤ 60 par/ml | 10 par/ml |
| Particle Count - 1.0 µm and greater | ≤ 10 par/ml | 3 par/ml |

>>> Continued on page 3 >>>

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

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

M-5162

R. Date :- 04/27/2025

Material No.: 9606-03
Batch No.: 24H0162012
Manufactured Date: 2024-06-28
Retest Date: 2029-06-27
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 | < 1.0 ppb |
| Trace Impurities – Boron (B) | ≤ 10.0 ppb | 0.1 ppb |
| Trace Impurities – Cadmium (Cd) | ≤ 50 ppb | < 1 ppb |
| Trace Impurities – Calcium (Ca) | ≤ 50.0 ppb | 0.3 ppb |
| Trace Impurities – Chromium (Cr) | ≤ 30.0 ppb | 0.1 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 | < 1 ppb |
| Trace Impurities – Gold (Au) | ≤ 20 ppb | < 1 ppb |
| Heavy Metals (as Pb) | ≤ 100 ppb | < 50 ppb |
| Trace Impurities – Iron (Fe) | ≤ 40.0 ppb | < 1.0 ppb |
| Trace Impurities – Lead (Pb) | ≤ 20.0 ppb | < 1.0 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 | < 1.0 ppb |

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24H0162012

| Test | Specification | Result |
|---|---|---|
| Trace Impurities - Niobium (Nb) | ≤ 50.0 ppb | < 1.0 ppb |
| Trace Impurities - Potassium (K) | ≤ 50 ppb | < 1 ppb |
| Trace Impurities - Silicon (Si) | ≤ 50 ppb | 1 ppb |
| Trace Impurities - Silver (Ag) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities - Sodium (Na) | ≤ 150.0 ppb | < 1.0 ppb |
| Trace Impurities - Strontium (Sr) | ≤ 30.0 ppb | < 1.0 ppb |
| Trace Impurities - Tantalum (Ta) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Thallium (Tl) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Tin (Sn) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities - Titanium (Ti) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Vanadium (V) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Zinc (Zn) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities - Zirconium (Zr) | ≤ 10.0 ppb | < 1.0 ppb |
| Particle Count - 0.5 µm and greater | ≤ 60 par/ml | 13 par/ml |
| Particle Count - 1.0 µm and greater | ≤ 10 par/ml | 5 par/ml |

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24H0162012

| Test | Specification | Result |
|---|---|---|

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

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: | QCP-CICV-1 |
| Lot Number: | V2-MEB744107 |
| Matrix: | 7% (v/v) HNO3 |
| Value / Analyte(s): | 2 500 µg/mL ea:<br>Calcium, Potassium,<br>Magnesium, Sodium,<br>1 000 µg/mL ea:<br>Aluminum, Barium,<br>500 µg/mL ea:<br>Iron,<br>250 µg/mL ea:<br>Nickel, Vanadium,<br>Zinc, Cobalt,<br>Manganese,<br>125 µg/mL ea:<br>Silver, Copper,<br>100 µg/mL ea:<br>Chromium,<br>25 µg/mL ea:<br>Beryllium |

**Second Source**: Whenever possible, this solution was manufactured from a second set of concentrates in our manufacturing facility.

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| Aluminum, Al | 1 000 ± 4 µg/mL | Barium, Ba | 1 000 ± 6 µg/mL |
| Beryllium, Be | 24.98 ± 0.12 µg/mL | Calcium, Ca | 2 500 ± 8 µg/mL |
| Chromium, Cr | 99.9 ± 0.6 µg/mL | Cobalt, Co | 250.2 ± 1.2 µg/mL |
| Copper, Cu | 125.0 ± 0.5 µg/mL | Iron, Fe | 500.0 ± 2.2 µg/mL |
| Magnesium, Mg | 2 500 ± 11 µg/mL | Manganese, Mn | 249.9 ± 1.1 µg/mL |
| Nickel, Ni | 250.0 ± 1.2 µg/mL | Potassium, K | 2 500 ± 11 µg/mL |
| Silver, Ag | 125.0 ± 0.6 µg/mL | Sodium, Na | 2 500 ± 11 µg/mL |
| Vanadium, V | 250.0 ± 1.1 µg/mL | Zinc, Zn | 249.9 ± 1.1 µg/mL |

**Density:** 1.081 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 |
| Ba | ICP Assay | 3104a | 140909 |
| Ba | Gravimetric | | See Sec. 4.2 |
| Be | ICP Assay | 3105a | 090514 |
| Be | Calculated | | See Sec. 4.2 |
| Ca | ICP Assay | 3109a | 130213 |
| Ca | EDTA | 928 | 928 |
| Co | ICP Assay | 3113 | 190630 |
| Co | EDTA | 928 | 928 |
| Cr | ICP Assay | 3112a | 170630 |
| Cu | ICP Assay | 3114 | 120618 |
| Cu | EDTA | 928 | 928 |
| Fe | ICP Assay | 3126a | 140812 |
| Fe | EDTA | 928 | 928 |
| 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 | 200413 |
| Na | Gravimetric | | See Sec. 4.2 |
| Ni | ICP Assay | 3136 | 120619 |
| Ni | EDTA | 928 | 928 |
| 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

**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**

**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

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

May 22, 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

- **May 22, 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

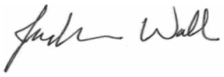
**Certificate Prepared By:**

Justin Dirico
Stock Processing Supervisor



**Certificate Approved By:**

Jodie Wall
Stock VSM Coordinator



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



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: | QCP-CICV-2 |
| Lot Number: | U2-MEB733713 |
| Matrix: | 3% (w/v) Tartaric acid<br>1% (v/v) HNO3 |
| Value / Analyte(s): | 500 µg/mL ea:<br>Antimony |

**Second Source**: Whenever possible, this solution was manufactured from a second set of concentrates in our manufacturing facility.

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| **Antimony, Sb** | **500.0 ± 2.8 µg/mL** | | |

**Density:** 1.017 g/mL (measured at 20 ± 4 ºC)

### Assay Information:

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Sb | ICP Assay | 3102a | 140911 |

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

**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

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## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

### 11.1 Certification Issue Date

June 01, 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 01, 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

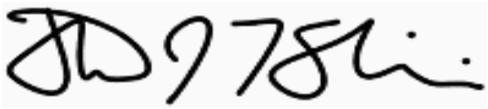
- Sealed TCT Bag Open Date: _____

- 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



INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

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Christiansburg, VA 24073 USA
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## 1.0 ACCREDITATION / REGISTRATION

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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: | QCP-CICV-3 |
| Lot Number: | V2-MEB749572 |
| Matrix: | 7% (v/v) HNO3 |
| Value / Analyte(s): | 500 µg/mL ea:<br>Arsenic, Lead,<br>Selenium, Thallium,<br><br>250 µg/mL ea:<br>Cadmium |

**Second Source**: Whenever possible, this solution was manufactured from a second set of concentrates in our manufacturing facility.

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| **Arsenic, As** | **500.0 ± 3.1 µg/mL** | **Cadmium, Cd** | **250.1 ± 1.1 µg/mL** |
| **Lead, Pb** | **500.0 ± 2.3 µg/mL** | **Selenium, Se** | **500.0 ± 3.2 µg/mL** |
| **Thallium, Tl** | **500.0 ± 3.0 µg/mL** | | |

**Density:** 1.040 g/mL (measured at 20 ± 4 ºC)

### Assay Information:

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| As | ICP Assay | 3103a | 100818 |
| Cd | ICP Assay | 3108 | 130116 |
| Cd | EDTA | 928 | 928 |
| Pb | ICP Assay | 3128 | 101026 |
| Pb | EDTA | 928 | 928 |
| Se | ICP Assay | 3149 | 100901 |
| Tl | ICP Assay | 3158 | 151215 |

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

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**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

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- 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

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### 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

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## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

### 11.1 Certification Issue Date

January 02, 2025

- 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

- **January 02, 2030**

- 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

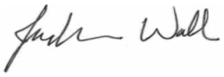
**Certificate Prepared By:**

Justin Dirico
Stock Processing Supervisor



**Certificate Approved By:**

Jodie Wall
Stock VSM Coordinator



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



Hydrogen Peroxide, 30%
CMOS
(Stabilized)

M-6170

R.Date . 8-05|20|2025

avantor™ | J.T.Baker®

Material No.: 2190-03
Batch No.: 24D1961001

| Test | Specification | Result |
|---|---|---|
| Trace Impurities – Manganese (Mn) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Molybdenum (Mo) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Nickel (Ni) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Niobium (Nb) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Potassium (K) | ≤ 600.0 ppb | 176.7 ppb |
| Trace Impurities – Silicon (Si) | ≤ 100.0 ppb | < 10.0 ppb |
| Trace Impurities – Silver (Ag) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Sodium (Na) | ≤ 100.0 ppb | < 5.0 ppb |
| Trace Impurities – Strontium (Sr) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Tantalum (Ta) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Thallium (Tl) | ≤ 50.0 ppb | < 5.0 ppb |
| Trace Impurities – Tin (Sn) | 190.0 – 500.0 ppb | 272.3 ppb |
| Trace Impurities – Titanium (Ti) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Vanadium (V) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Zinc (Zn) | ≤ 50 ppb | < 1 ppb |
| Trace Impurities – Zirconium (Zr) | ≤ 10.0 ppb | < 1.0 ppb |
| Particle Count – 0.2 µm and greater | ≤ 1175 par/ml | 202 par/ml |
| Particle Count – 0.5 µm and greater | ≤ 100 par/ml | 33 par/ml |

>>> Continued on page 3 >>>

Hydrogen Peroxide, 30%
CMOS
(Stabilized)

avantor™ | J.T.Baker®

Material No.: 2190-03
Batch No.: 24D1961001

| Test | Specification | Result |
|---|---|---|

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

Hydrogen Peroxide, 30%
CMOS
(Stabilized)

avantor™ | J.T.Baker®

Material No.: 2190-03
Batch No.: 24D1961001
Manufactured Date: 2024-04-17
Expiration Date: 2025-10-16
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($H_2O_2$) | 30.0 - 32.0 % | 31.6 % |
| Color (APHA) | ≤ 10 | < 5 |
| Free Acid (µeq/g) | ≤ 0.2 | 0.1 |
| Residue after Evaporation | ≤ 10 ppm | 2 ppm |
| Ammonium ($NH_4$) | ≤ 3 ppm | < 3 ppm |
| Chloride (Cl) | ≤ 0.2 ppm | < 0.2 ppm |
| Nitrate ($NO_3$) | ≤ 2 ppm | < 2 ppm |
| Phosphate ($PO_4$) | ≤ 1 ppm | 1 ppm |
| Sulfate ($SO_4$) | ≤ 3 ppm | < 3 ppm |
| Trace Impurities - Aluminum (Al) | ≤ 70.0 ppb | < 5.0 ppb |
| Arsenic and Antimony (as As) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities - Barium (Ba) | ≤ 20.0 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) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Calcium (Ca) | ≤ 50.0 ppb | < 1.0 ppb |
| Trace Impurities - Chromium (Cr) | ≤ 20.0 ppb | 1.5 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) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities - Germanium (Ge) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities - Gold (Au) | ≤ 10.0 ppb | < 5.0 ppb |
| Heavy Metals (as Pb) | ≤ 500.0 ppb | < 250.0 ppb |
| Trace Impurities - Iron (Fe) | ≤ 50.0 ppb | 4.6 ppb |
| Trace Impurities - Lead (Pb) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities - Lithium (Li) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Magnesium (Mg) | ≤ 10.0 ppb | < 1.0 ppb |

>>> Continued on page 2 >>>

R -> 013125

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

M 6171

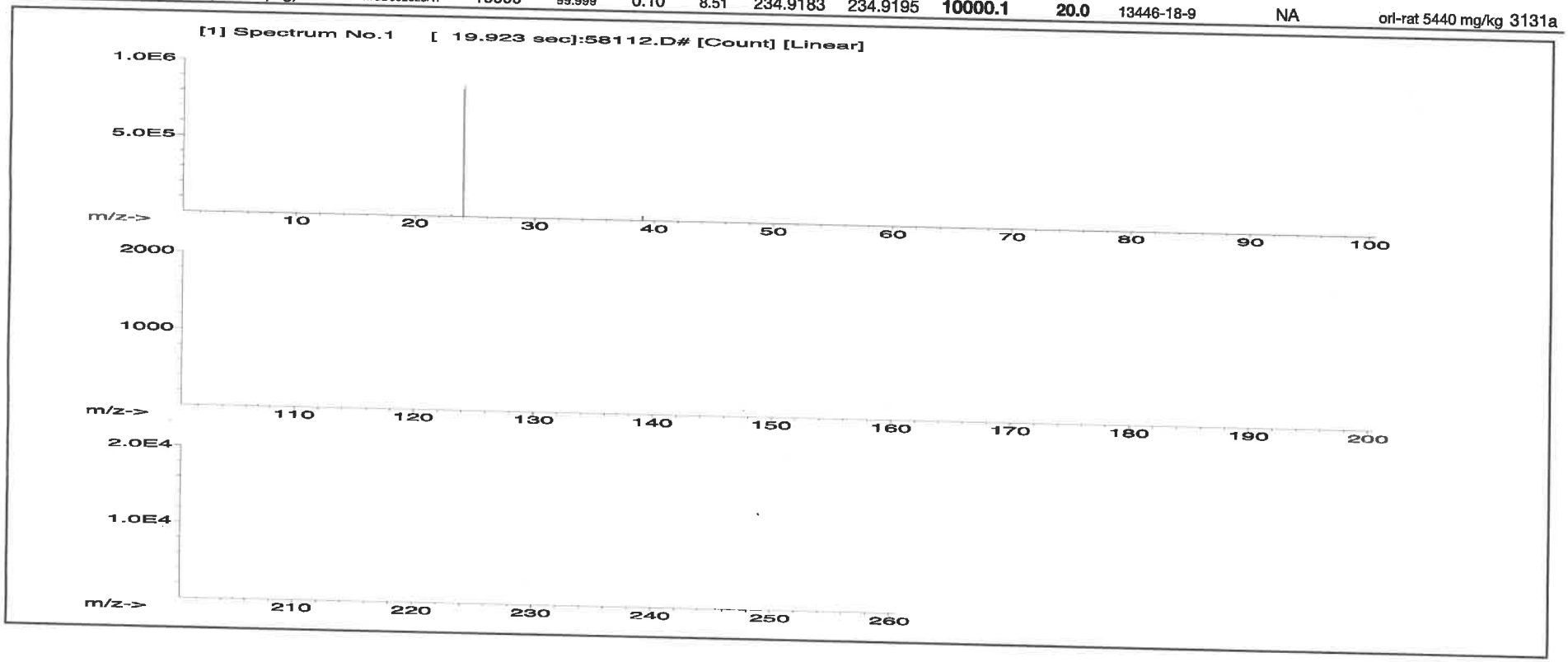
**Part Number:** 58112
**Lot Number:** 011525
**Description:** Magnesium (Mg)

**Expiration Date:** 011528
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 10000
**NIST Test Number:** 6UTB
**Weight shown below was diluted to (mL):** 2000.07

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24012496 | Nitric Acid | |
| 2% | 40.0 (mL) | Nitric Acid | |
| | 5E-05 | Balance Uncertainty | |
| | 0.100 | Flask Uncertainty | |

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 011525 |
| Reviewed By: | Pedro L. Rentas | 011525 |

| 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 | 234.9183 | 234.9195 | **10000.1** | **20.0** | 13446-18-9 | NA | orl-rat 5440 mg/kg | 3131a |



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***Certified Reference Material CRM***

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AR-1539 Certificate Number
https://Absolutestandards.com



## Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

**Trace Metals Verification by ICP-MS (µg/mL)**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al | <0.02 | Cd | <0.02 | Dy | <0.02 | Hf | <0.02 | Li | <0.02 | Ni | <0.02 | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | T | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

## Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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# Certificate of Analysis

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## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Single Analyte Custom Grade Solution |
| Catalog Number: | CGNA10 |
| Lot Number: | V2-NA740547 |
| Matrix: | 2% (v/v) HNO3 |
| Value / Analyte(s): | 10 000 µg/mL ea: Sodium |
| Starting Material: | Sodium Carbonate |
| Starting Material Lot#: | 2453 and 2606 |
| Starting Material Purity: | 99.9976% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 10018 ± 30 µg/mL

**Density:** 1.033 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

| | |
|---|---|
| **Assay Method #1** | **10026 ± 18 µg/mL**<br>Gravimetric NIST SRM Lot Number: See Sec. 4.2 |
| **Assay Method #2** | **9986 ± 66 µg/mL**<br>ICP Assay NIST SRM 3152a Lot Number: 200413 |
| **Assay Method #3** | **10002 ± 31 µg/mL**<br>Calculated NIST SRM Lot Number: See Sec. 4.2 |

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | Ag | < | 0.000860 | M | Eu | < | 0.000860 | s | Na | < | | O | Se | < | 0.034000 | O | Zn | | 0.000387 |
| O | Al | | 0.003121 | O | Fe | | 0.001622 | M | Nb | < | 0.000860 | O | Si | | 0.044943 | M | Zr | < | 0.001800 |
| M | As | < | 0.001800 | M | Ga | < | 0.000860 | M | Nd | < | 0.000860 | M | Sm | < | 0.000860 | | | | |
| M | Au | < | 0.005700 | M | Gd | < | 0.000860 | O | Ni | < | 0.000980 | M | Sn | < | 0.000860 | | | | |
| O | B | < | 0.025000 | M | Ge | < | 0.003500 | M | Os | < | 0.029000 | M | Sr | | 0.000436 | | | | |
| M | Ba | | 0.004494 | M | Hf | < | 0.000860 | O | P | | 0.005742 | M | Ta | < | 0.000086 | | | | |
| O | Be | < | 0.000160 | M | Hg | < | 0.002900 | M | Pb | < | 0.002600 | M | Tb | < | 0.000860 | | | | |
| M | Bi | < | 0.000860 | M | Ho | < | 0.000860 | M | Pd | < | 0.004300 | M | Te | < | 0.004300 | | | | |
| O | Ca | | 0.112358 | M | In | < | 0.000860 | M | Pr | < | 0.000860 | M | Th | < | 0.003500 | | | | |
| O | Cd | < | 0.000730 | M | Ir | < | 0.000940 | M | Pt | < | 0.000860 | O | Ti | | 0.000399 | | | | |
| M | Ce | < | 0.000860 | O | K | | 0.349560 | M | Rb | | 0.000436 | M | Tl | < | 0.000860 | | | | |
| M | Co | < | 0.000860 | M | La | < | 0.000860 | M | Re | < | 0.000860 | M | Tm | < | 0.000860 | | | | |
| O | Cr | < | 0.002000 | O | Li | | 0.000224 | M | Rh | < | 0.000860 | M | U | < | 0.000860 | | | | |
| M | Cs | | 0.000287 | M | Lu | < | 0.000860 | M | Ru | < | 0.000940 | O | V | < | 0.001500 | | | | |
| O | Cu | < | 0.004100 | M | Mg | | 0.097377 | O | S | | 0.018726 | M | W | < | 0.007700 | | | | |
| M | Dy | < | 0.000860 | M | Mn | < | 0.007700 | M | Sb | < | 0.000860 | M | Y | < | 0.000860 | | | | |
| M | Er | < | 0.000860 | O | Mo | < | 0.002800 | O | Sc | < | 0.000610 | M | Yb | < | 0.000860 | | | | |

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

**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**

**Atomic Weight; Valence; Coordination Number; Chemical Form in Solution** - 22.99 +1 (6) Na+(aq) largely ionic in nature

**Chemical Compatibility** -Soluble in HCl, HNO3, H2SO4 and HF aqueous matrices. Stable with all metals and inorganic anions.

**Stability** - 2-100 ppb levels stable for months in 1% HNO3 / LDPE container. 1-10,000 ppm solutions chemically stable for years in 1-5% HNO3 / LDPE container.

**Na Containing Samples (Preparation and Solution)** - Metal (Dissolves very rapidly in water); Ores (Lithium carbonate fusion in graphite crucible followed by HCl dissolution - blank levels of Na in lithium carbonate critical); Organic Matrices (Sulfuric / peroxide digestion or nitric/sulfuric/perchloric acid decomposition).

**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 23 amu | 310 ppt | n/a | 46Ti+2 , 46Ca+2 |
| ICP-OES 330.237 nm | 2.0 / 0.09 µg/mL | 1 | Pd, Zn |
| ICP-OES 588.995 nm | 0.03 / 0.006 µg/mL | 1 | 2nd order radiation from R.E.s on some optical designs |
| ICP-OES 589.595 nm | 0.07 / 0.00009 µg/mL | 1 | 2nd order radiation from R.E.s on some optical designs |

## 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

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## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

February 23, 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**

**- February 23, 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 Prepared By:**

Uyen Truong
Custom Processing Supervisor



**Certificate Approved By:**

Muzzammil Khan
Stock Laboratory Supervisor



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



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# Certificate of Analysis

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## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | 6020CAL-1 |
| Lot Number: | V2-MEB742014 |
| 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 | 20.02 ± 0.08 µg/mL | Antimony, Sb | 20.03 ± 0.11 µg/mL |
| Arsenic, As | 20.03 ± 0.16 µg/mL | Barium, Ba | 20.02 ± 0.11 µg/mL |
| Beryllium, Be | 20.02 ± 0.15 µg/mL | Cadmium, Cd | 20.02 ± 0.11 µg/mL |
| Calcium, Ca | 20.03 ± 0.09 µg/mL | Chromium, Cr | 20.03 ± 0.13 µg/mL |
| Cobalt, Co | 20.03 ± 0.12 µg/mL | Copper, Cu | 20.03 ± 0.10 µg/mL |
| Iron, Fe | 20.04 ± 0.09 µg/mL | Lead, Pb | 20.03 ± 0.11 µg/mL |
| Magnesium, Mg | 20.03 ± 0.10 µg/mL | Manganese, Mn | 20.03 ± 0.11 µg/mL |
| Nickel, Ni | 20.03 ± 0.11 µg/mL | Potassium, K | 20.03 ± 0.10 µg/mL |
| Selenium, Se | 20.03 ± 0.13 µg/mL | Silver, Ag | 20.03 ± 0.09 µg/mL |
| Sodium, Na | 20.03 ± 0.10 µg/mL | Thallium, Tl | 20.03 ± 0.10 µg/mL |
| Vanadium, V | 20.03 ± 0.11 µg/mL | Zinc, Zn | 20.03 ± 0.11 µg/mL |

**Density:** 1.027 g/mL (measured at 20 ± 4 °C)

**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 |
| As | Calculated | | See Sec. 4.2 |
| 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 |
| 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 |
| Sb | ICP Assay | 3102a | 140911 |
| Se | ICP Assay | 3149 | 100901 |
| Tl | ICP Assay | 3158 | 151215 |
| 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 (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$**

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**

**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.

**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

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 11, 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 11, 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 Prepared By:**

Uyen Truong
Custom Processing Supervisor



**Certificate Approved By:**

Muzzammil Khan
Stock Laboratory Supervisor



**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director



**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

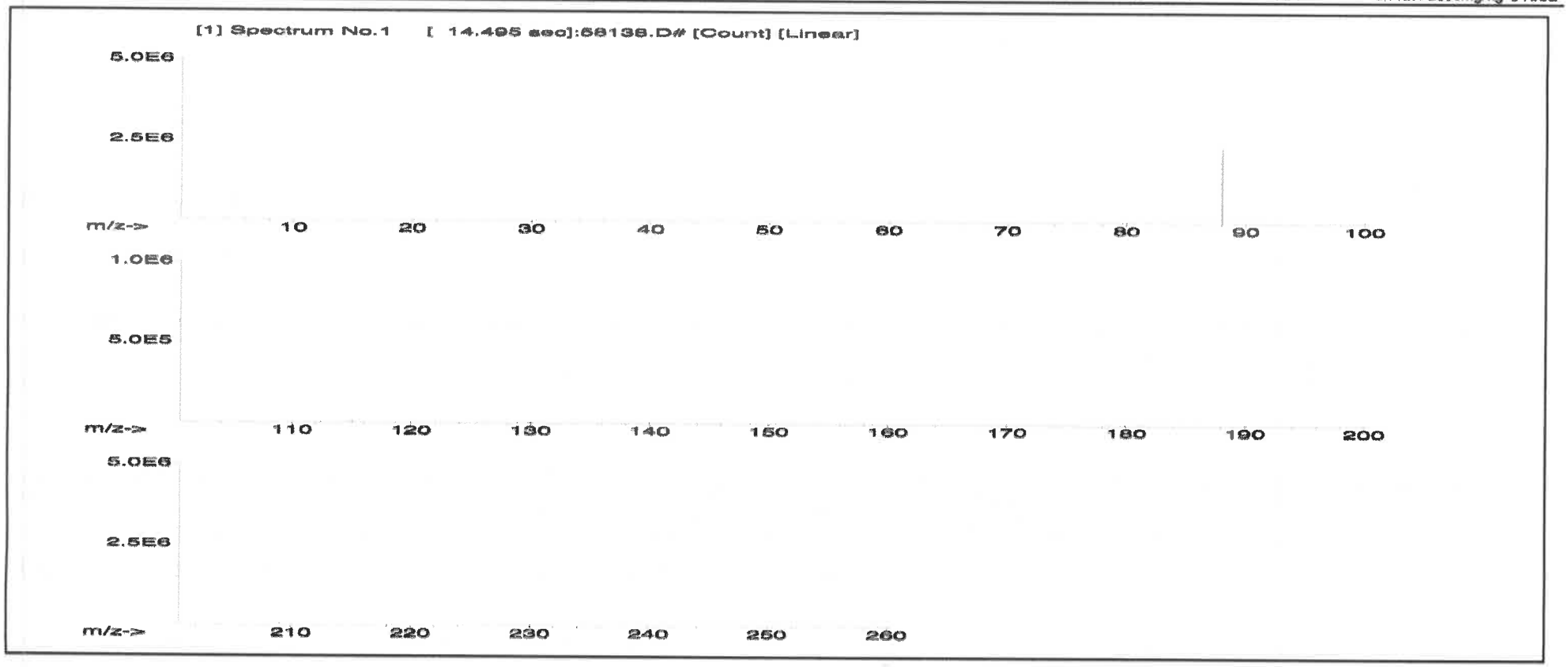
CERTIFIED WEIGHT REPORT:

R->8/6/25

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | 57038 | | | **Lot #** | |
| **Lot Number:** | 092724 | | **Solvent:** | 24002546 | Nitric Acid |
| **Description:** | Strontium (Sr) | | | | |
| | | M6176 | 2% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 092727 | | | | |
| **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 | 092724 |
| Reviewed By: | Pedro L. Rentas | 092724 |

| 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 | 4.85481 | **1000.0** | **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).

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## CERTIFIED WEIGHT REPORT:

R>8/6/28
M6178

| | | | | | |
|---|---|---|---|---|---|
| **Part Number:** | **57082** | | **Lot #** | | |
| **Lot Number:** | **031525** | **Solvent:** | 24014457 | Nitric Acid | |
| **Description:** | **Lead (Pb)** | | 2% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 031528 | | | | |
| **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 | 0.10 | Flask Uncertainty | | |

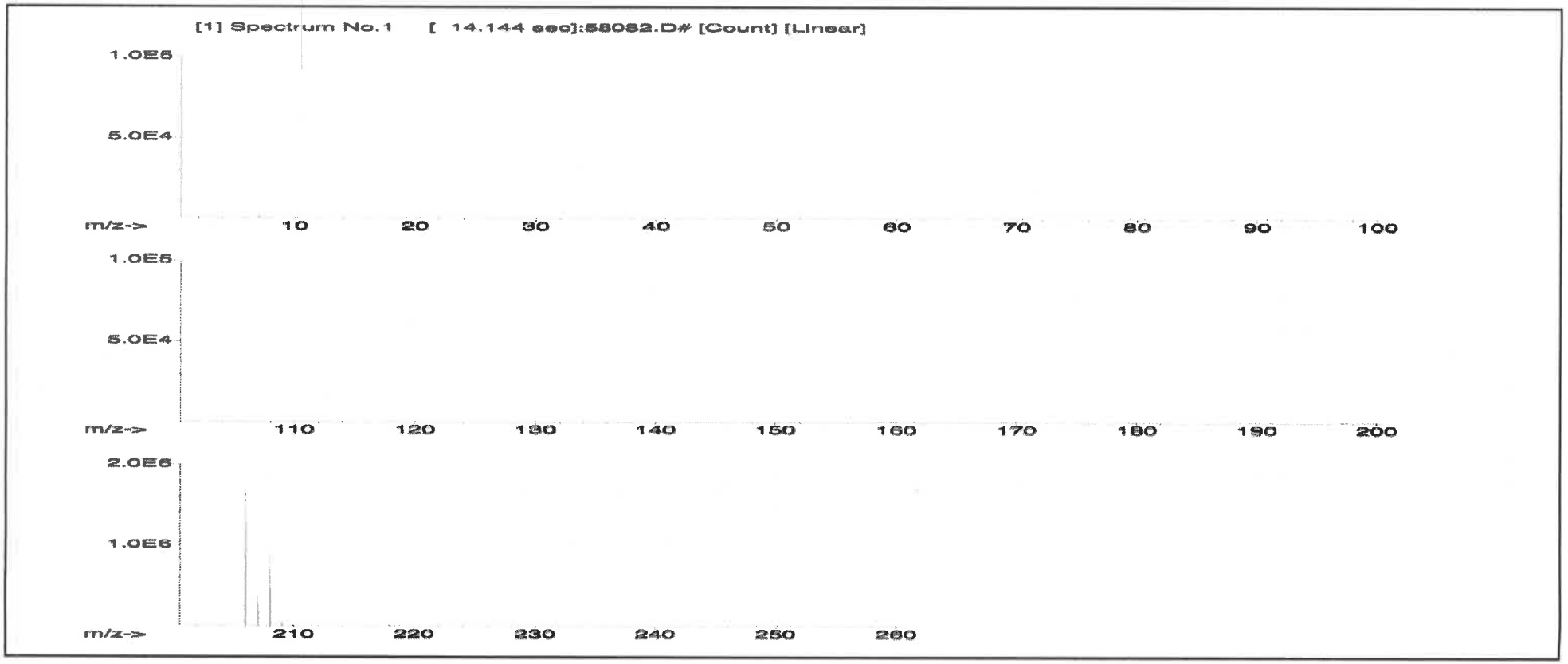
Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 031525 |

Pedro Rentas

| | | |
|---|---|---|
| Reviewed By: | Pedro L. Rentas | 031525 |

| 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 | 1000 | 99.999 | 0.10 | 62.5 | 3.20015 | 3.20067 | **1000.2** | **2.0** | 10099-74-8 | 0.05 mg/m3 | intrvns-rat 93 mg/kg | 3128 |



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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 | Sc | <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).

# 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.

M6185 ICSA

**Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803**

| 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.

Nitric Acid 69%
CMOS

M6187
R.D :- 08/08/25

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24H0162012
Manufactured Date: 2024-06-28
Retest Date: 2029-06-27
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 | < 1.0 ppb |
| Trace Impurities – Boron (B) | ≤ 10.0 ppb | 0.1 ppb |
| Trace Impurities – Cadmium (Cd) | ≤ 50 ppb | < 1 ppb |
| Trace Impurities – Calcium (Ca) | ≤ 50.0 ppb | 0.3 ppb |
| Trace Impurities – Chromium (Cr) | ≤ 30.0 ppb | 0.1 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 | < 1 ppb |
| Trace Impurities – Gold (Au) | ≤ 20 ppb | < 1 ppb |
| Heavy Metals (as Pb) | ≤ 100 ppb | < 50 ppb |
| Trace Impurities – Iron (Fe) | ≤ 40.0 ppb | < 1.0 ppb |
| Trace Impurities – Lead (Pb) | ≤ 20.0 ppb | < 1.0 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 | < 1.0 ppb |

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24H0162012

| Test | Specification | Result |
|---|---|---|
| Trace Impurities – Niobium (Nb) | ≤ 50.0 ppb | < 1.0 ppb |
| Trace Impurities – Potassium (K) | ≤ 50 ppb | < 1 ppb |
| Trace Impurities – Silicon (Si) | ≤ 50 ppb | 1 ppb |
| Trace Impurities – Silver (Ag) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities – Sodium (Na) | ≤ 150.0 ppb | < 1.0 ppb |
| Trace Impurities – Strontium (Sr) | ≤ 30.0 ppb | < 1.0 ppb |
| Trace Impurities – Tantalum (Ta) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Thallium (Tl) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Tin (Sn) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities – Titanium (Ti) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Vanadium (V) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Zinc (Zn) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities – Zirconium (Zr) | ≤ 10.0 ppb | < 1.0 ppb |
| Particle Count – 0.5 µm and greater | ≤ 60 par/ml | 13 par/ml |
| Particle Count – 1.0 µm and greater | ≤ 10 par/ml | 5 par/ml |

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24H0162012

| Test | Specification | Result |
|---|---|---|

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

M6200
R.0 → 08/25/25

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| ACS – Assay (as HCl) (by acid-base titrn) | 36.5 – 38.0 % | 37.6 % |
| ACS – Color (APHA) | ≤ 10 | 5 |
| ACS – Residue after Ignition | ≤ 3 ppm | < 1 ppm |
| ACS – Specific Gravity at 60°/60°F | 1.185 – 1.192 | 1.192 |
| ACS – Bromide (Br) | ≤ 0.005 % | < 0.005 % |
| ACS – Extractable Organic Substances | ≤ 5 ppm | < 1 ppm |
| ACS – Free Chlorine (as $Cl_2$) | ≤ 0.5 ppm | < 0.5 ppm |
| Phosphate ($PO_4$) | ≤ 0.05 ppm | 0.03 ppm |
| Sulfate ($SO_4$) | ≤ 0.5 ppm | < 0.3 ppm |
| Sulfite ($SO_3$) | ≤ 0.8 ppm | 0.3 ppm |
| Ammonium ($NH_4$) | ≤ 3 ppm | < 1 ppm |
| Trace Impurities – Arsenic (As) | ≤ 0.010 ppm | < 0.003 ppm |
| Trace Impurities – Aluminum (Al) | ≤ 10.0 ppb | < 5.0 ppb |
| Arsenic and Antimony (as As) | ≤ 5.0 ppb | < 3.0 ppb |
| Trace Impurities – Barium (Ba) | ≤ 1.0 ppb | < 1.0 ppb |
| Trace Impurities – Beryllium (Be) | ≤ 1.0 ppb | < 1.0 ppb |
| Trace Impurities – Bismuth (Bi) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities – Boron (B) | ≤ 20.0 ppb | 2.2 ppb |
| Trace Impurities – Cadmium (Cd) | ≤ 1.0 ppb | < 1.0 ppb |
| Trace Impurities – Calcium (Ca) | ≤ 50.0 ppb | 31.0 ppb |
| Trace Impurities – Chromium (Cr) | ≤ 1.0 ppb | 0.5 ppb |
| Trace Impurities – Cobalt (Co) | ≤ 1.0 ppb | 0.2 ppb |
| Trace Impurities – Copper (Cu) | ≤ 1.0 ppb | < 0.1 ppb |
| Trace Impurities – Gallium (Ga) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Germanium (Ge) | ≤ 3.0 ppb | < 2.0 ppb |
| Trace Impurities – Gold (Au) | ≤ 4.0 ppb | < 0.2 ppb |
| Heavy Metals (as Pb) | ≤ 100 ppb | < 50 ppb |
| Trace Impurities – Iron (Fe) | ≤ 15 ppb | 3 ppb |

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

| Test | Specification | Result |
|---|---|---|
| Trace Impurities – Lead (Pb) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Lithium (Li) | ≤ 1.0 ppb | < 0.1 ppb |
| Trace Impurities – Magnesium (Mg) | ≤ 10.0 ppb | 2.2 ppb |
| Trace Impurities – Manganese (Mn) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Mercury (Hg) | ≤ 0.5 ppb | < 0.1 ppb |
| Trace Impurities – Molybdenum (Mo) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Nickel (Ni) | ≤ 4.0 ppb | 0.2 ppb |
| Trace Impurities – Niobium (Nb) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Potassium (K) | ≤ 9.0 ppb | < 1.0 ppb |
| Trace Impurities – Selenium (Se), For Information Only | | < 1.0 ppb |
| Trace Impurities – Silicon (Si) | ≤ 100.0 ppb | < 10.0 ppb |
| Trace Impurities – Silver (Ag) | ≤ 1.0 ppb | < 0.3 ppb |
| Trace Impurities – Sodium (Na) | ≤ 100.0 ppb | 2.0 ppb |
| Trace Impurities – Strontium (Sr) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Tantalum (Ta) | ≤ 1.0 ppb | < 0.9 ppb |
| Trace Impurities – Thallium (Tl) | ≤ 5.0 ppb | < 2.0 ppb |
| Trace Impurities – Tin (Sn) | ≤ 5.0 ppb | < 0.4 ppb |
| Trace Impurities – Titanium (Ti) | ≤ 1.0 ppb | 0.2 ppb |
| Trace Impurities – Vanadium (V) | ≤ 1.0 ppb | < 0.2 ppb |
| Trace Impurities – Zinc (Zn) | ≤ 5.0 ppb | < 0.2 ppb |
| Trace Impurities – Zirconium (Zr) | ≤ 1.0 ppb | < 0.1 ppb |

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

| Test | Specification | Result |
|---|---|---|

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

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www.absolutestandards.com

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M6027

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R1 8/05/24

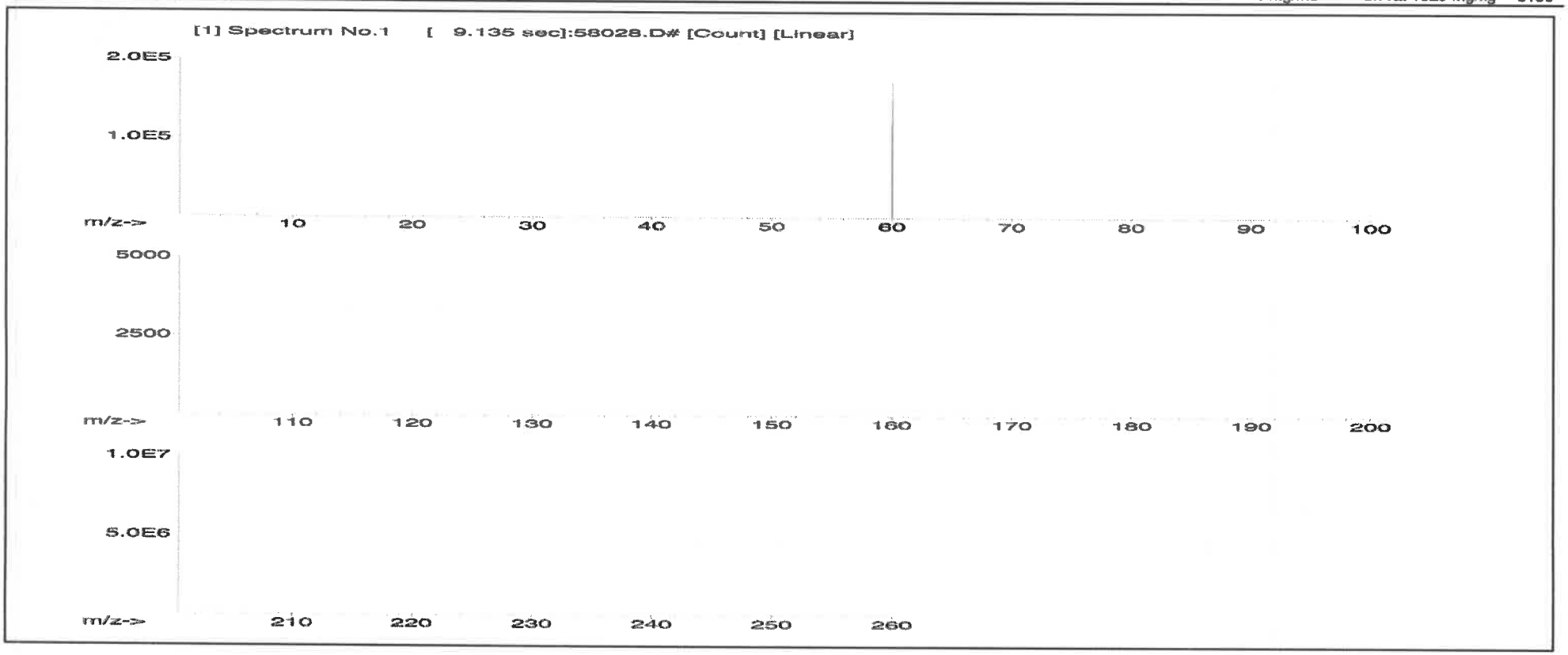


CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57028** | 24002546 | Nitric Acid | |
| **Lot Number:** | **062024** | | | |
| **Description:** | **Nickel (Ni)** | 2.0% | 40.0 (mL) | Nitric Acid |
| **Expiration Date:** | 062027 | | | |
| **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 | 062024 |
| Reviewed By: | Pedro L. Rentas | 062024 |

| 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. Nickel(II) nitrate hexahydrate (Ni) | 58128 | 062023 | 0.1000 | 200.0 | 0.084 | 1000 | 10000.4 | **1000.0** | 2.2 | 13478-00-7 | 1 mg/m3 | orl-rat 1620 mg/kg | 3136 |



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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 | T | Pr | <0.02 | Se | <0.2 | Tb | <0.02 | W | <0.02 |
| Sb | <0.02 | Ca | <0.2 | Er | <0.02 | Ho | <0.02 | Lu | <0.02 | Nb | <0.02 | Re | <0.02 | Si | <0.02 | Te | <0.02 | U | <0.02 |
| As | <0.2 | Ce | <0.02 | Eu | <0.02 | In | <0.02 | Mg | <0.01 | Os | <0.02 | Rh | <0.02 | Ag | <0.02 | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T) = Target analyte

**Physical Characterization:**

**Certified by:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Refine your results. Redefine your industry.

A: 4/11/22

# Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Multi Analyte Custom Grade Solution |
| Catalog Number: | 6020ISS |
| Lot Number: | S2-MEB709511 |
| Matrix: | 7% (v/v) HNO3 |
| Value / Analyte(s): | 10 µg/mL ea: |

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

| ANALYTE | CERTIFIED VALUE | ANALYTE | CERTIFIED VALUE |
|---|---|---|---|
| 6-Lithium, Li6 | 10.00 ± 0.03 µg/mL | Bismuth, Bi | 10.00 ± 0.05 µg/mL |
| Holmium, Ho | 10.00 ± 0.05 µg/mL | Indium, In | 10.00 ± 0.04 µg/mL |
| Rhodium, Rh | 10.00 ± 0.07 µg/mL | Scandium, Sc | 10.00 ± 0.04 µg/mL |
| Terbium, Tb | 10.00 ± 0.04 µg/mL | Yttrium, Y | 10.00 ± 0.04 µg/mL |

**Density:** 1.035 g/mL (measured at 20 ± 4 °C)

**Assay Information:**

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Bi | ICP Assay | 3106 | 180815 |
| Bi | Calculated | | See Sec. 4.2 |
| Ho | ICP Assay | 3123a | 090408 |
| Ho | EDTA | 928 | 928 |
| In | ICP Assay | 3124a | 110516 |
| In | EDTA | 928 | 928 |
| In | Calculated | | See Sec. 4.2 |
| Li6 | Gravimetric | | See Sec. 4.2 |
| Rh | ICP Assay | 3144 | 070619 |
| Sc | ICP Assay | 3148a | 100701 |
| Sc | EDTA | 928 | 928 |
| Tb | ICP Assay | 3157a | 100518 |
| Tb | EDTA | 928 | 928 |
| Tb | Calculated | | See Sec. 4.2 |
| Y | ICP Assay | 3167a | 120314 |
| Y | EDTA | 928 | 928 |
| Y | Calculated | | See Sec. 4.2 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

**Characterization of CRM/RM by Two or More Methods**

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

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 % |
|---|---|
| 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



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M6030

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CERTIFIED WEIGHT REPORT:

**Part Number:** 57047
**Lot Number:** 122823
**Description:** Silver (Ag)

**Expiration Date:** 122826
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB

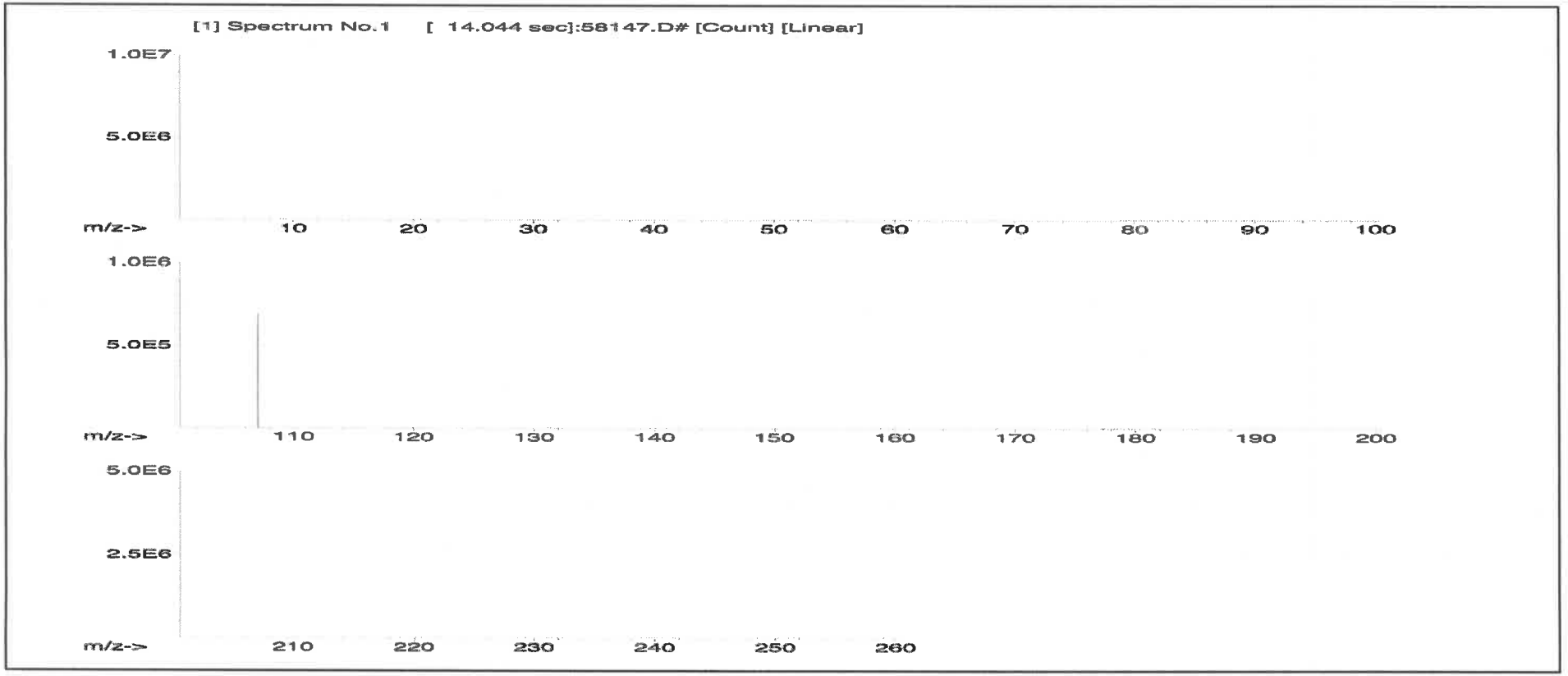
**Weight shown below was diluted to (mL):** 4000.30 0.058 Flask Uncertainty

| | Lot # | | |
|---|---|---|---|
| **Solvent:** | 24002546 | Nitric Acid | |
| 2% | 80.0 (mL) | Nitric Acid | |

5E-05 Balance 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 |



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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 | T | Tl | <0.02 | V | <0.02 |
| Ba | <0.02 | Cs | <0.02 | Gd | <0.02 | Ir | <0.02 | Mn | <0.02 | Pd | <0.02 | Rb | <0.02 | Na | <0.2 | Th | <0.02 | Yb | <0.02 |
| Be | <0.01 | Cr | <0.02 | Ga | <0.02 | Fe | <0.2 | Hg | <0.2 | P | <0.02 | Ru | <0.02 | Sr | <0.02 | Tm | <0.02 | Y | <0.02 |
| Bi | <0.02 | Co | <0.02 | Ge | <0.02 | La | <0.02 | Mo | <0.02 | Pt | <0.02 | Sm | <0.02 | S | <0.02 | Sn | <0.02 | Zn | <0.02 |
| B | <0.02 | Cu | <0.02 | Au | <0.02 | Pb | <0.02 | Nd | <0.02 | K | <0.2 | Sc | <0.02 | Ta | <0.02 | Ti | <0.02 | Zr | <0.02 |

(T)= Target analyte

**Physical Characterization:**

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

opened: 3/24/25

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CERTIFIED WEIGHT REPORT:

M6160

**Part Number:** 57051
**Lot Number:** 071724
**Description:** Antimony (Sb)

**Expiration Date:** 071727
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test Number:** 6UTB
**Volume shown below was diluted to (mL):** 2000.26

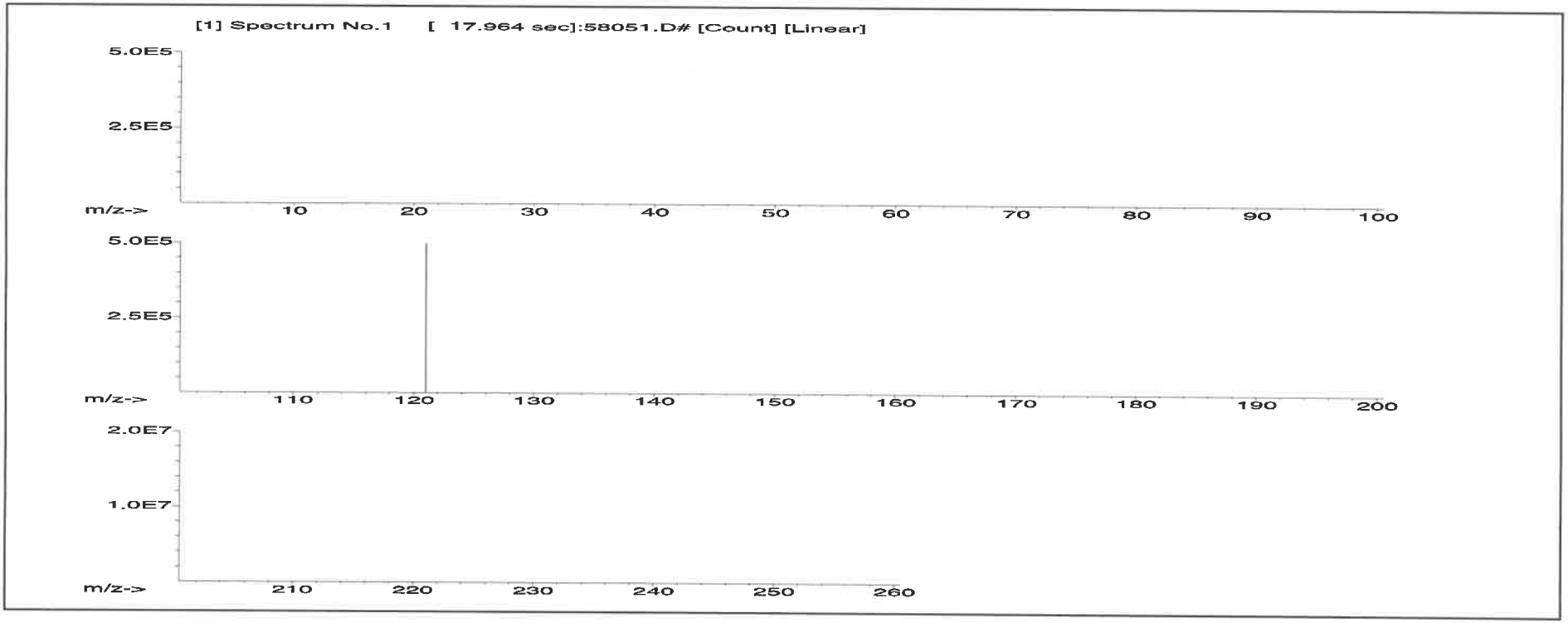
| Lot # | Solvent: | | |
|---|---|---|---|
| 24002546 | Nitric Acid | | |
| 2.0% | 40.0 (mL) | Nitric Acid | |

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

| | | |
|---|---|---|
| Formulated By: | Giovanni Esposito | 071724 |
| Reviewed By: | Pedro L. Rentas | 071724 |

| 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 | 060324 | 0.1000 | 200.0 | 0.084 | 1000 | 10001.4 | **1000.0** | **2.2** | 7440-36-0 | 0.5 mg/m3 | orl-rat 7000 mg/kg | 3102a |



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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 | 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.
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M6023

R ! 8/5/24

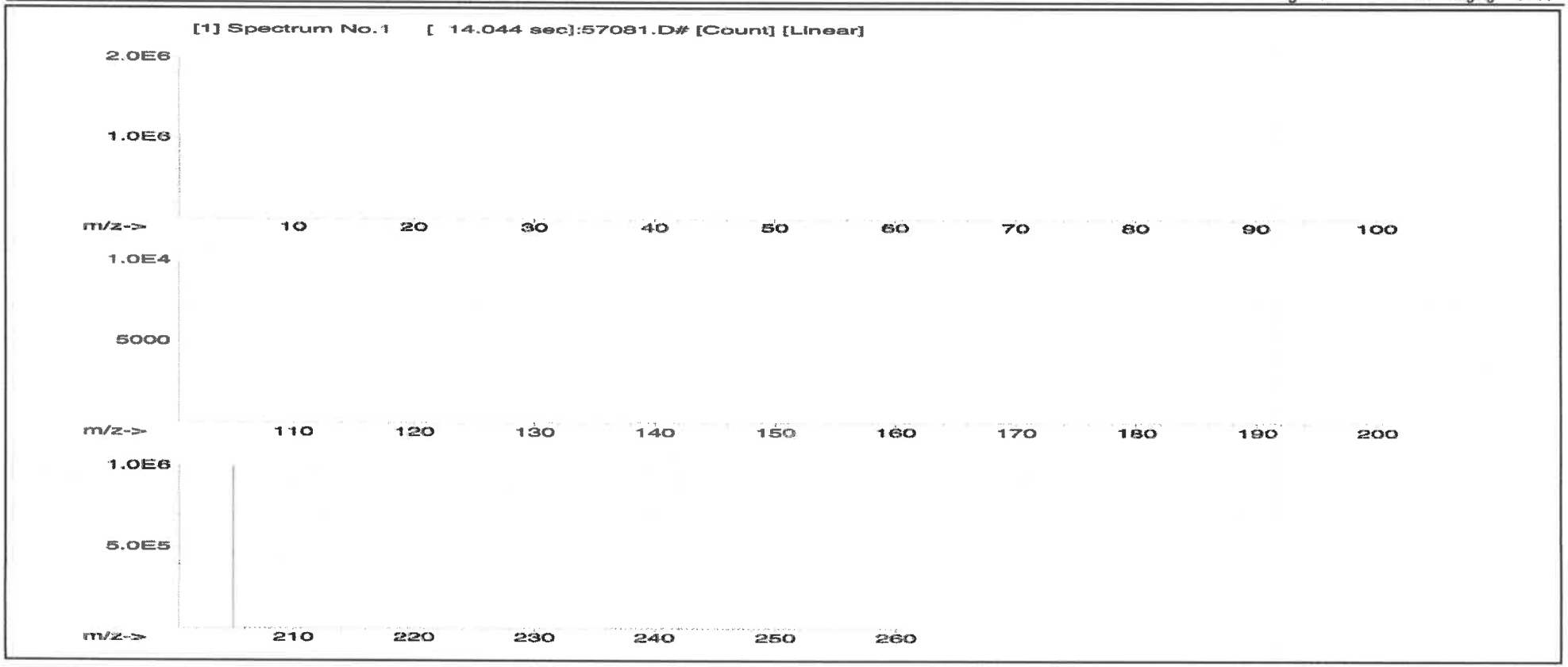
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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 |






1009 of 1017
Q3395-METALS

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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 | 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).

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800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

M6021

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https://Absolutestandards.com

Rc. 8/5/24



## CERTIFIED WEIGHT REPORT:

| | | Lot # | Solvent: | |
|---|---|---|---|---|
| **Part Number:** | **57023** | | | |
| **Lot Number:** | **062424** | 24002546 | Nitric Acid | |
| **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 | |

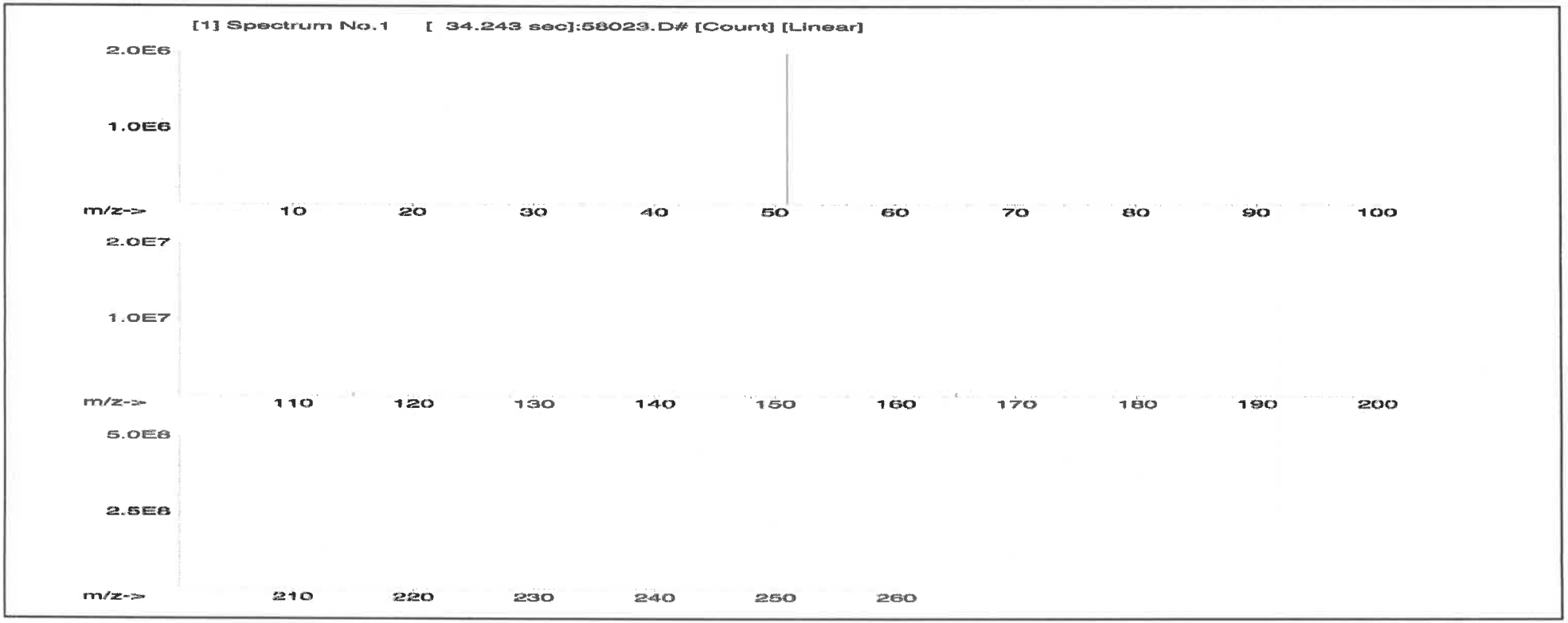
Aleah O'Brady

| 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 |



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https://Absolutestandards.com



**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.
* 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).

# SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q3377
QUOTE NO. Q3395
COC Number 2045362

## CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: AECOM
ADDRESS: 605 3rd Ave
CITY New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner
PHONE: 212-377-8721 FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: Port Richmond
PROJECT NO.: 60693795 LOCATION: Staten Isl
PROJECT MANAGER: Rob Forstner
e-mail: Robert.Forstner@aecom.com
PHONE: same FAX:

## CLIENT BILLING INFORMATION

BILL TO: AECOM PO#:
ADDRESS: same
CITY STATE: ZIP:
ATTENTION: Rob Forstner PHONE: same

## DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

## DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☒ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

## ANALYSIS

1: SVOCs 2: Pesticides +PCB 3: Mercury Metals 4: PCBs 5: Hex Chrome 6: Dioxin 7: Grain Size 8: TCLP VOCs 9:

| ALLIANCE SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 | 2 | 3 | 4 | 5 | 6 | 7 | Methanol 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | PR132-S09-000051-20251017 | S | | X | 10/17 | 1235 | 11 | X | X | X | X | X | X | X | X | | |
| 2. | PR132-S07-000102-20251017 | S | | X | 10/17 | 1140 | 11 | X | X | X | X | X | X | X | X | | |
| 3. | PR132-S07-000102-20251017MSD | S | | X | 10/17 | 1140 | 10 | X | X | X | X | X | | X | X | | |
| 4. | PR132-S07-000102-20251017-MS | S | | X | 10/17 | 1140 | 10 | X | X | X | X | X | | X | X | | |
| 5. | PR132-S07-10216-20251017 | S | | X | 10/17 | 1150 | 11 | X | X | X | X | X | X | X | X | | |
| 6. | PR132-COMP03-2025-20251017 | S | X | | 10/17 | 1010 | 7 | X | X | X | X | X | X | X | | | |
| 7. | Temp Blank | A | | | 10/17 | | 1 | X | X | X | X | X | | | X | | |
| 8. | PR132-S08-038048-20251017 | S | | X | 10/17 | 0840 | 4 | | | | | | | | X | | |
| 9. | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | |

PRESERVATIVES: ← Specify Preservatives — A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

## SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

| RELINQUISHED BY SAMPLER: | DATE/TIME: | RECEIVED BY: |
|---|---|---|
| 1. Jim Aldson | 10/17/25 4pm | 1. 1600 10-17-25 |
| 2. | | 2. |
| 3. | DATE/TIME: 1740 10-17-25 | 3. |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.0 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

| Certified By | License No. |
|---|---|
| | |
| Connecticut | PH-0830 |
| | |
| DOD ELAP (ANAB) | L2219 |
| | |
| Maine | 2024021 |
| | |
| Maryland | 296 |
| | |
| New Hampshire | 255425 |
| | |
| New Jersey | 20012 |
| | |
| New York | 11376 |
| | |
| Pennsylvania | 68-00548 |
| | |
| Soil Permit | 525-24-234-08441 |
| | |
| Texas | TX-C25-00189 |
| | |
| Virginia | 460312 |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3395 AECO02
**Client Name :** AECOM
**Client Contact :** Rob Forstner
**Invoice Name :** AECOM
**Invoice Contact :** Rob Forstner

**Order Date :** 10/17/2025 4:25:00 PM
**Project Name :** AE1-CTY 3.2.Z-PR-DOCK
**Receive DateTime :** 10/17/2025 ~~12:00:00 AM~~ 5:40 pm
**Purchase Order :**

**Project Mgr :**
**Report Type :** NYS ASP B
**EDD Type :** EQUIS
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q3395-01 | PR132-S09-000051-20251017 | Solid | 10/17/2025 | 12:15 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q3395-02 | PR132-S07-000102-20251017 | Solid | 10/17/2025 | 11:40 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q3395-03 | Q3395-02MS | Solid | 10/17/2025 | 11:40 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q3395-04 | Q3395-02MSD | Solid | 10/17/2025 | 11:40 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q3395-05 | PR132-S07-102116-20251017 | Solid | 10/17/2025 | 11:50 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| ~~Q3395-06~~ | ~~PR132-COMP03-20251017~~ | ~~Solid~~ | ~~10/17/2025~~ | ~~10:10~~ | | | | | |
| | | | | | ~~VOC-TCLVOA-10~~ | | ~~8260D~~ | | ~~10 Bus. Days~~ |
| Q3395-07 | PR132-S08-038048-20251017 | Solid | 10/17/2025 | 08:40 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3395 AECO02
**Client Name :** AECOM
**Client Contact :** Rob Forstner
**Invoice Name :** AECOM
**Invoice Contact :** Rob Forstner

**Order Date :** 10/17/2025 4:25:00 PM
**Project Name :** AE1-CTY 3.2.Z-PR-DOCK
**Receive DateTime :** 10/17/2025 ~~12:00:00 AM~~ 5:40 PM
**Purchase Order :**

**Project Mgr :**
**Report Type :** NYS ASP B
**EDD Type :** EQUIS
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|

**Relinguished By :** CR
**Date / Time :** 10/20/25 12:00

**Received By :** [illegible]
**Date / Time :** 10/20/25 1200

**Storage Area :** VOA Refridgerator Room