284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Cover Page

**Order ID :** Q2892

**Project ID :** BAPS 2000 Tonnelle Ave

**Client :** BAPS North Bergen Development Inc.

| Lab Sample Number | Client Sample Number |
|---|---|
| Q2892-01 | 1-FLOOR-NORTH-EAST-CORNER-B |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORNER-B |
| Q2892-03 | 1-FLOOR-DRILL-B-BACK |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK |
| Q2892-05 | BACK-1-FLOOR-CENTER-MIDDLE-C |
| Q2892-06 | BACK-1-FLOOR-CENTER-MIDDLE-C |
| Q2892-07 | 3-FLOOR-NORTH-D |
| Q2892-08 | 3-FLOOR-NORTH-D |
| Q2892-09 | 3-FLOOR-SOUTH-E |
| Q2892-10 | 3-FLOOR-SOUTH-E |
| Q2892-11 | FRONT-1-FLOOR-F |
| Q2892-12 | FRONT-1-FLOOR-F |

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: 8/22/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# CASE NARRATIVE

**BAPS North Bergen Development Inc.**
**Project Name: BAPS 2000 Tonnelle Ave**
**Project # N/A**
**Order ID # Q2892**
**Test Name: Mercury,Metals ICP-TAL**

**A. Number of Samples and Date of Receipt:**
12 Solid samples were received on 08/15/2025.

**B. Parameters:**
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for Mercury,Metals ICP-TAL.

**C. Analytical Techniques:**
The analysis of Metals ICP-TAL was based on method 6010D, 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.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike (1-FLOOR-NORTH-EAST-CORNER-BACK-AMS) analysis met criteria for all compounds except for Antimony, Copper and Potassium due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (1-FLOOR-NORTH-EAST-CORNER-BACK-AMSD) analysis met criteria for all compounds except for Antimony, Beryllium, Copper and Potassium 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 (1-FLOOR-NORTH-EAST-CORNER-BACK-AL) met criteria for all compounds except for Chromium, Copper, Magnesium, Manganese and Zinc due to sample matrix interference.

**E. Additional Comments:**
The Post Digest Spike (1-FLOOR-NORTH-EAST-CORNER-BACK-A) analysis met criteria for all compounds except for Antimony, Beryllium, Copper and Potassium 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.

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_____

Alliance TECHNICAL GROUP

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# 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 |

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**APPENDIX A**

**QA REVIEW GENERAL DOCUMENTATION**

**Project #:** **Q2892**

| | 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:** **KETAN PATEL** **Date:** **08/22/2025**

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q2892 | **OrderDate:** | 8/15/2025 3:18:33 PM |
| **Client:** | BAPS North Bergen Development Inc. | **Project:** | BAPS 2000 Tonnelle Ave |
| **Contact:** | Jatinkuma Patel | **Location:** | D31,VOA Ref. #2 Soil |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q2892-02** | **1-FLOOR-NORTH-EAST-CORNER-BACK-A** | **SOIL** | | | **08/15/25** | | | **08/15/25** |
| | | | Mercury | 7471B | | 08/18/25 | 08/19/25 | |
| | | | Metals ICP-TAL | 6010D | | 08/19/25 | 08/20/25 | |
| **Q2892-04** | **1-FLOOR-DRILL-B-BACK** | **SOIL** | | | **08/15/25** | | | **08/15/25** |
| | | | Mercury | 7471B | | 08/18/25 | 08/19/25 | |
| | | | Metals ICP-TAL | 6010D | | 08/19/25 | 08/19/25 | |
| **Q2892-06** | **BACK-1-FLOOR-CENTER-MIDDLE-C** | **SOIL** | | | **08/15/25** | | | **08/15/25** |
| | | | Mercury | 7471B | | 08/18/25 | 08/19/25 | |
| | | | Metals ICP-TAL | 6010D | | 08/19/25 | 08/19/25 | |
| **Q2892-08** | **3-FLOOR-NORTH-D** | **SOIL** | | | **08/15/25** | | | **08/15/25** |
| | | | Mercury | 7471B | | 08/18/25 | 08/19/25 | |
| | | | Metals ICP-TAL | 6010D | | 08/19/25 | 08/19/25 | |
| **Q2892-10** | **3-FLOOR-SOUTH-E** | **SOIL** | | | **08/15/25** | | | **08/15/25** |
| | | | Mercury | 7471B | | 08/18/25 | 08/19/25 | |
| | | | Metals ICP-TAL | 6010D | | 08/19/25 | 08/19/25 | |
| **Q2892-12** | **FRONT-1-FLOOR-F** | **SOIL** | | | **08/15/25** | | | **08/15/25** |
| | | | Mercury | 7471B | | 08/18/25 | 08/19/25 | |
| | | | Metals ICP-TAL | 6010D | | 08/19/25 | 08/19/25 | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2892 **Order ID:** Q2892

**Client:** BAPS North Bergen Development Inc. **Project ID:** BAPS 2000 Tonnelle Ave

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID : 1-FLOOR-NORTH-EAST-CORNER-BACK-A** | | | | | | | | |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Aluminum | 10100 | | 0.87 | 5.19 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Arsenic | 10.6 | | 0.20 | 1.04 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Barium | 50.0 | | 0.76 | 5.19 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Beryllium | 0.88 | | 0.026 | 0.31 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Cadmium | 1.22 | | 0.025 | 0.31 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Calcium | 1830 | | 11.5 | 104 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Chromium | 20.1 | | 0.049 | 0.52 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Cobalt | 10.2 | | 0.10 | 1.56 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Copper | 44.3 | | 0.23 | 1.04 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Iron | 17600 | | 4.14 | 5.19 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Lead | 72.2 | | 0.14 | 0.62 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Magnesium | 4820 | | 12.5 | 104 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Manganese | 425 | | 0.14 | 1.04 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Mercury | 0.046 | | 0.0080 | 0.015 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Nickel | 17.2 | | 0.14 | 2.08 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Potassium | 1850 | | 28.7 | 104 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Selenium | 0.40 | J | 0.27 | 1.04 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Silver | 0.59 | | 0.13 | 0.52 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Sodium | 360 | | 18.5 | 104 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Vanadium | 35.8 | | 0.26 | 2.08 | mg/Kg |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORN | SOIL | Zinc | 120 | | 0.24 | 2.08 | mg/Kg |
| **Client ID : 1-FLOOR-DRILL-B-BACK** | | | | | | | | |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Aluminum | 14000 | | 0.89 | 5.31 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Arsenic | 11.1 | | 0.20 | 1.06 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Barium | 55.0 | | 0.78 | 5.31 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Beryllium | 1.30 | | 0.027 | 0.32 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Cadmium | 0.97 | | 0.025 | 0.32 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Calcium | 1600 | | 11.8 | 106 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Chromium | 23.4 | | 0.050 | 0.53 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Cobalt | 11.1 | | 0.11 | 1.59 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Copper | 19.1 | | 0.23 | 1.06 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Iron | 21100 | | 4.24 | 5.31 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Lead | 68.8 | | 0.14 | 0.64 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Magnesium | 6590 | | 12.7 | 106 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Manganese | 456 | | 0.15 | 1.06 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Mercury | 0.071 | | 0.0080 | 0.014 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Nickel | 19.0 | | 0.14 | 2.12 | mg/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2892 **Order ID:** Q2892

**Client:** BAPS North Bergen Development Inc. **Project ID:** BAPS 2000 Tonnelle Ave

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Potassium | 2270 | | 29.4 | 106 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Selenium | 0.38 | J | 0.28 | 1.06 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Silver | 0.90 | | 0.13 | 0.53 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Sodium | 461 | | 18.9 | 106 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Vanadium | 46.7 | | 0.27 | 2.12 | mg/Kg |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SOIL | Zinc | 123 | | 0.24 | 2.12 | mg/Kg |
| **Client ID :** | **BACK-1-FLOOR-CENTER-MIDDLE-C** | | | | | | | |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Aluminum | 11100 | | 0.83 | 4.92 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Arsenic | 10.8 | | 0.19 | 0.98 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Barium | 41.9 | | 0.72 | 4.92 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Beryllium | 1.07 | | 0.025 | 0.30 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Cadmium | 1.00 | | 0.024 | 0.30 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Calcium | 1380 | | 10.9 | 98.4 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Chromium | 18.4 | | 0.046 | 0.49 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Cobalt | 10.0 | | 0.098 | 1.48 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Copper | 18.0 | | 0.22 | 0.98 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Iron | 17300 | | 3.93 | 4.92 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Lead | 43.7 | | 0.13 | 0.59 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Magnesium | 5030 | | 11.8 | 98.4 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Manganese | 382 | | 0.14 | 0.98 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Mercury | 0.020 | | 0.0080 | 0.014 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Nickel | 16.3 | | 0.13 | 1.97 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Potassium | 1950 | | 27.3 | 98.4 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Silver | 0.65 | | 0.12 | 0.49 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Sodium | 533 | | 17.5 | 98.4 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Vanadium | 35.6 | | 0.25 | 1.97 | mg/Kg |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | SOIL | Zinc | 111 | | 0.23 | 1.97 | mg/Kg |
| **Client ID :** | **3-FLOOR-NORTH-D** | | | | | | | |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Aluminum | 11200 | | 0.81 | 4.83 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Arsenic | 10.2 | | 0.18 | 0.97 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Barium | 43.0 | | 0.71 | 4.83 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Beryllium | 1.05 | | 0.024 | 0.29 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Cadmium | 0.76 | | 0.023 | 0.29 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Calcium | 1290 | | 10.7 | 96.6 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Chromium | 19.5 | | 0.045 | 0.48 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Cobalt | 9.61 | | 0.097 | 1.45 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Copper | 14.5 | | 0.21 | 0.97 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Iron | 15800 | | 3.85 | 4.83 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Lead | 40.8 | | 0.13 | 0.58 | mg/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2892 **Order ID:** Q2892

**Client:** BAPS North Bergen Development Inc. **Project ID:** BAPS 2000 Tonnelle Ave

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Magnesium | 5590 | | 11.6 | 96.6 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Manganese | 328 | | 0.14 | 0.97 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Nickel | 14.8 | | 0.13 | 1.93 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Potassium | 2450 | | 26.8 | 96.6 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Silver | 0.62 | | 0.12 | 0.48 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Sodium | 375 | | 17.2 | 96.6 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Vanadium | 34.9 | | 0.24 | 1.93 | mg/Kg |
| Q2892-08 | 3-FLOOR-NORTH-D | SOIL | Zinc | 101 | | 0.22 | 1.93 | mg/Kg |
| **Client ID :** | **3-FLOOR-SOUTH-E** | | | | | | | |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Aluminum | 12700 | | 0.83 | 4.92 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Arsenic | 10.9 | | 0.19 | 0.98 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Barium | 40.9 | | 0.72 | 4.92 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Beryllium | 1.18 | | 0.025 | 0.30 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Cadmium | 1.15 | | 0.024 | 0.30 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Calcium | 1810 | | 10.9 | 98.4 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Chromium | 21.4 | | 0.046 | 0.49 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Cobalt | 12.6 | | 0.098 | 1.48 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Copper | 18.6 | | 0.22 | 0.98 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Iron | 18400 | | 3.92 | 4.92 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Lead | 50.7 | | 0.13 | 0.59 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Magnesium | 6550 | | 11.8 | 98.4 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Manganese | 453 | | 0.14 | 0.98 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Mercury | 0.072 | | 0.0080 | 0.014 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Nickel | 18.8 | | 0.13 | 1.97 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Potassium | 2790 | | 27.2 | 98.4 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Silver | 0.61 | | 0.12 | 0.49 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Sodium | 1090 | | 17.5 | 98.4 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Vanadium | 41.9 | | 0.25 | 1.97 | mg/Kg |
| Q2892-10 | 3-FLOOR-SOUTH-E | SOIL | Zinc | 113 | | 0.23 | 1.97 | mg/Kg |
| **Client ID :** | **FRONT-1-FLOOR-F** | | | | | | | |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Aluminum | 9650 | | 0.79 | 4.72 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Arsenic | 9.12 | | 0.18 | 0.95 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Barium | 41.4 | | 0.69 | 4.72 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Beryllium | 1.04 | | 0.024 | 0.28 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Cadmium | 0.85 | | 0.023 | 0.28 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Calcium | 1730 | | 10.5 | 94.5 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Chromium | 17.2 | | 0.044 | 0.47 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Cobalt | 8.87 | | 0.094 | 1.42 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Copper | 16.1 | | 0.21 | 0.95 | mg/Kg |

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

# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2892 **Order ID:** Q2892

**Client:** BAPS North Bergen Development Inc. **Project ID:** BAPS 2000 Tonnelle Ave

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Iron | 15800 | | 3.77 | 4.72 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Lead | 40.1 | | 0.12 | 0.57 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Magnesium | 4930 | | 11.3 | 94.5 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Manganese | 334 | | 0.13 | 0.95 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Mercury | 0.074 | | 0.0080 | 0.014 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Nickel | 15.8 | | 0.12 | 1.89 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Potassium | 2270 | | 26.2 | 94.5 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Silver | 0.68 | | 0.11 | 0.47 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Sodium | 467 | | 16.8 | 94.5 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Vanadium | 31.9 | | 0.24 | 1.89 | mg/Kg |
| Q2892-12 | FRONT-1-FLOOR-F | SOIL | Zinc | 109 | | 0.22 | 1.89 | mg/Kg |

Alliance
TECHNICAL GROUP

# SAMPLE DATA

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen Development Inc. | Date Collected: | 08/15/25 |
| Project: | BAPS 2000 Tonnelle Ave | Date Received: | 08/15/25 |
| Client Sample ID: | 1-FLOOR-NORTH-EAST-CORNER-BACK-A | SDG No.: | Q2892 |
| Lab Sample ID: | Q2892-02 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 90.9 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 10100 | | 1 | 0.87 | 5.19 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-36-0 | Antimony | 0.23 | UN | 1 | 0.23 | 2.59 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-38-2 | Arsenic | 10.6 | | 1 | 0.20 | 1.04 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-39-3 | Barium | 50.0 | | 1 | 0.76 | 5.19 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-41-7 | Beryllium | 0.88 | N | 1 | 0.026 | 0.31 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-43-9 | Cadmium | 1.22 | | 1 | 0.025 | 0.31 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-70-2 | Calcium | 1830 | | 1 | 11.5 | 104 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-47-3 | Chromium | 20.1 | | 1 | 0.049 | 0.52 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-48-4 | Cobalt | 10.2 | | 1 | 0.10 | 1.56 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-50-8 | Copper | 44.3 | N | 1 | 0.23 | 1.04 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7439-89-6 | Iron | 17600 | | 1 | 4.14 | 5.19 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7439-92-1 | Lead | 72.2 | | 1 | 0.14 | 0.62 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7439-95-4 | Magnesium | 4820 | | 1 | 12.5 | 104 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7439-96-5 | Manganese | 425 | | 1 | 0.14 | 1.04 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7439-97-6 | Mercury | 0.046 | | 1 | 0.0080 | 0.015 | mg/Kg | 08/18/25 15:05 | 08/19/25 12:08 | 7471B | |
| 7440-02-0 | Nickel | 17.2 | | 1 | 0.14 | 2.08 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-09-7 | Potassium | 1850 | N | 1 | 28.7 | 104 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7782-49-2 | Selenium | 0.40 | J | 1 | 0.27 | 1.04 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-22-4 | Silver | 0.59 | | 1 | 0.13 | 0.52 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-23-5 | Sodium | 360 | | 1 | 18.5 | 104 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-28-0 | Thallium | 0.24 | U | 1 | 0.24 | 2.08 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-62-2 | Vanadium | 35.8 | | 1 | 0.26 | 2.08 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |
| 7440-66-6 | Zinc | 120 | | 1 | 0.24 | 2.08 | mg/Kg | 08/19/25 10:05 | 08/20/25 14:09 | 6010D | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Brown | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | No |
| Comments: | TCL+30/TAL | | | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen Development Inc. | Date Collected: | 08/15/25 |
| Project: | BAPS 2000 Tonnelle Ave | Date Received: | 08/15/25 |
| Client Sample ID: | 1-FLOOR-DRILL-B-BACK | SDG No.: | Q2892 |
| Lab Sample ID: | Q2892-04 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 89.7 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 14000 | | 1 | 0.89 | 5.31 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-36-0 | Antimony | 0.23 | UN | 1 | 0.23 | 2.65 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-38-2 | Arsenic | 11.1 | | 1 | 0.20 | 1.06 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-39-3 | Barium | 55.0 | | 1 | 0.78 | 5.31 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-41-7 | Beryllium | 1.30 | N | 1 | 0.027 | 0.32 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-43-9 | Cadmium | 0.97 | | 1 | 0.025 | 0.32 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-70-2 | Calcium | 1600 | | 1 | 11.8 | 106 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-47-3 | Chromium | 23.4 | | 1 | 0.050 | 0.53 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-48-4 | Cobalt | 11.1 | | 1 | 0.11 | 1.59 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-50-8 | Copper | 19.1 | N | 1 | 0.23 | 1.06 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7439-89-6 | Iron | 21100 | | 1 | 4.24 | 5.31 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7439-92-1 | Lead | 68.8 | | 1 | 0.14 | 0.64 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7439-95-4 | Magnesium | 6590 | | 1 | 12.7 | 106 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7439-96-5 | Manganese | 456 | | 1 | 0.15 | 1.06 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7439-97-6 | Mercury | 0.071 | | 1 | 0.0080 | 0.014 | mg/Kg | 08/18/25 15:05 | 08/19/25 12:10 | 7471B | |
| 7440-02-0 | Nickel | 19.0 | | 1 | 0.14 | 2.12 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-09-7 | Potassium | 2270 | N | 1 | 29.4 | 106 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7782-49-2 | Selenium | 0.38 | J | 1 | 0.28 | 1.06 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-22-4 | Silver | 0.90 | | 1 | 0.13 | 0.53 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-23-5 | Sodium | 461 | | 1 | 18.9 | 106 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-28-0 | Thallium | 0.24 | U | 1 | 0.24 | 2.12 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-62-2 | Vanadium | 46.7 | | 1 | 0.27 | 2.12 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |
| 7440-66-6 | Zinc | 123 | | 1 | 0.24 | 2.12 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:37 | 6010D | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Brown | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | No |
| Comments: | TCL+30/TAL | | | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen Development Inc. | Date Collected: | 08/15/25 |
| Project: | BAPS 2000 Tonnelle Ave | Date Received: | 08/15/25 |
| Client Sample ID: | BACK-1-FLOOR-CENTER-MIDDLE-C | SDG No.: | Q2892 |
| Lab Sample ID: | Q2892-06 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 89.9 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 11100 | | 1 | 0.83 | 4.92 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-36-0 | Antimony | 0.22 | UN | 1 | 0.22 | 2.46 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-38-2 | Arsenic | 10.8 | | 1 | 0.19 | 0.98 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-39-3 | Barium | 41.9 | | 1 | 0.72 | 4.92 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-41-7 | Beryllium | 1.07 | N | 1 | 0.025 | 0.30 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-43-9 | Cadmium | 1.00 | | 1 | 0.024 | 0.30 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-70-2 | Calcium | 1380 | | 1 | 10.9 | 98.4 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-47-3 | Chromium | 18.4 | | 1 | 0.046 | 0.49 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-48-4 | Cobalt | 10.0 | | 1 | 0.098 | 1.48 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-50-8 | Copper | 18.0 | N | 1 | 0.22 | 0.98 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7439-89-6 | Iron | 17300 | | 1 | 3.93 | 4.92 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7439-92-1 | Lead | 43.7 | | 1 | 0.13 | 0.59 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7439-95-4 | Magnesium | 5030 | | 1 | 11.8 | 98.4 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7439-96-5 | Manganese | 382 | | 1 | 0.14 | 0.98 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7439-97-6 | Mercury | 0.020 | | 1 | 0.0080 | 0.014 | mg/Kg | 08/18/25 15:05 | 08/19/25 12:12 | 7471B | |
| 7440-02-0 | Nickel | 16.3 | | 1 | 0.13 | 1.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-09-7 | Potassium | 1950 | N | 1 | 27.3 | 98.4 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7782-49-2 | Selenium | 0.26 | U | 1 | 0.26 | 0.98 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-22-4 | Silver | 0.65 | | 1 | 0.12 | 0.49 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-23-5 | Sodium | 533 | | 1 | 17.5 | 98.4 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-28-0 | Thallium | 0.23 | U | 1 | 0.23 | 1.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-62-2 | Vanadium | 35.6 | | 1 | 0.25 | 1.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |
| 7440-66-6 | Zinc | 111 | | 1 | 0.23 | 1.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:42 | 6010D | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Brown | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | No |
| Comments: | TCL+30/TAL | | | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen Development Inc. | Date Collected: | 08/15/25 |
| Project: | BAPS 2000 Tonnelle Ave | Date Received: | 08/15/25 |
| Client Sample ID: | 3-FLOOR-NORTH-D | SDG No.: | Q2892 |
| Lab Sample ID: | Q2892-08 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 94.1 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 11200 | | 1 | 0.81 | 4.83 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-36-0 | Antimony | 0.21 | UN | 1 | 0.21 | 2.42 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-38-2 | Arsenic | 10.2 | | 1 | 0.18 | 0.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-39-3 | Barium | 43.0 | | 1 | 0.71 | 4.83 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-41-7 | Beryllium | 1.05 | N | 1 | 0.024 | 0.29 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-43-9 | Cadmium | 0.76 | | 1 | 0.023 | 0.29 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-70-2 | Calcium | 1290 | | 1 | 10.7 | 96.6 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-47-3 | Chromium | 19.5 | | 1 | 0.045 | 0.48 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-48-4 | Cobalt | 9.61 | | 1 | 0.097 | 1.45 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-50-8 | Copper | 14.5 | N | 1 | 0.21 | 0.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7439-89-6 | Iron | 15800 | | 1 | 3.85 | 4.83 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7439-92-1 | Lead | 40.8 | | 1 | 0.13 | 0.58 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7439-95-4 | Magnesium | 5590 | | 1 | 11.6 | 96.6 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7439-96-5 | Manganese | 328 | | 1 | 0.14 | 0.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7439-97-6 | Mercury | 0.0080 | U | 1 | 0.0080 | 0.015 | mg/Kg | 08/18/25 15:05 | 08/19/25 12:15 | 7471B | |
| 7440-02-0 | Nickel | 14.8 | | 1 | 0.13 | 1.93 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-09-7 | Potassium | 2450 | N | 1 | 26.8 | 96.6 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7782-49-2 | Selenium | 0.25 | U | 1 | 0.25 | 0.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-22-4 | Silver | 0.62 | | 1 | 0.12 | 0.48 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-23-5 | Sodium | 375 | | 1 | 17.2 | 96.6 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-28-0 | Thallium | 0.22 | U | 1 | 0.22 | 1.93 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-62-2 | Vanadium | 34.9 | | 1 | 0.24 | 1.93 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |
| 7440-66-6 | Zinc | 101 | | 1 | 0.22 | 1.93 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:46 | 6010D | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Brown | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | No |
| Comments: | TCL+30/TAL | | | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen Development Inc. | Date Collected: | 08/15/25 |
| Project: | BAPS 2000 Tonnelle Ave | Date Received: | 08/15/25 |
| Client Sample ID: | 3-FLOOR-SOUTH-E | SDG No.: | Q2892 |
| Lab Sample ID: | Q2892-10 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 91.6 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 12700 | | 1 | 0.83 | 4.92 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-36-0 | Antimony | 0.22 | UN | 1 | 0.22 | 2.46 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-38-2 | Arsenic | 10.9 | | 1 | 0.19 | 0.98 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-39-3 | Barium | 40.9 | | 1 | 0.72 | 4.92 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-41-7 | Beryllium | 1.18 | N | 1 | 0.025 | 0.30 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-43-9 | Cadmium | 1.15 | | 1 | 0.024 | 0.30 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-70-2 | Calcium | 1810 | | 1 | 10.9 | 98.4 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-47-3 | Chromium | 21.4 | | 1 | 0.046 | 0.49 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-48-4 | Cobalt | 12.6 | | 1 | 0.098 | 1.48 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-50-8 | Copper | 18.6 | N | 1 | 0.22 | 0.98 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7439-89-6 | Iron | 18400 | | 1 | 3.92 | 4.92 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7439-92-1 | Lead | 50.7 | | 1 | 0.13 | 0.59 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7439-95-4 | Magnesium | 6550 | | 1 | 11.8 | 98.4 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7439-96-5 | Manganese | 453 | | 1 | 0.14 | 0.98 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7439-97-6 | Mercury | 0.072 | | 1 | 0.0080 | 0.014 | mg/Kg | 08/18/25 15:05 | 08/19/25 12:17 | 7471B | |
| 7440-02-0 | Nickel | 18.8 | | 1 | 0.13 | 1.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-09-7 | Potassium | 2790 | N | 1 | 27.2 | 98.4 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7782-49-2 | Selenium | 0.26 | U | 1 | 0.26 | 0.98 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-22-4 | Silver | 0.61 | | 1 | 0.12 | 0.49 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-23-5 | Sodium | 1090 | | 1 | 17.5 | 98.4 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-28-0 | Thallium | 0.23 | U | 1 | 0.23 | 1.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-62-2 | Vanadium | 41.9 | | 1 | 0.25 | 1.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |
| 7440-66-6 | Zinc | 113 | | 1 | 0.23 | 1.97 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:50 | 6010D | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Brown | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | No |
| Comments: | TCL+30/TAL | | | | |

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

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen Development Inc. | Date Collected: | 08/15/25 |
| Project: | BAPS 2000 Tonnelle Ave | Date Received: | 08/15/25 |
| Client Sample ID: | FRONT-1-FLOOR-F | SDG No.: | Q2892 |
| Lab Sample ID: | Q2892-12 | Matrix: | SOIL |
| Level (low/med): | low | % Solid: | 88.2 |

| Cas | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weight) | Prep Date | Date Ana. | Ana Met. | Prep Met. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 9650 | | 1 | 0.79 | 4.72 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-36-0 | Antimony | 0.21 | UN | 1 | 0.21 | 2.36 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-38-2 | Arsenic | 9.12 | | 1 | 0.18 | 0.95 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-39-3 | Barium | 41.4 | | 1 | 0.69 | 4.72 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-41-7 | Beryllium | 1.04 | N | 1 | 0.024 | 0.28 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-43-9 | Cadmium | 0.85 | | 1 | 0.023 | 0.28 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-70-2 | Calcium | 1730 | | 1 | 10.5 | 94.5 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-47-3 | Chromium | 17.2 | | 1 | 0.044 | 0.47 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-48-4 | Cobalt | 8.87 | | 1 | 0.094 | 1.42 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-50-8 | Copper | 16.1 | N | 1 | 0.21 | 0.95 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7439-89-6 | Iron | 15800 | | 1 | 3.77 | 4.72 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7439-92-1 | Lead | 40.1 | | 1 | 0.12 | 0.57 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7439-95-4 | Magnesium | 4930 | | 1 | 11.3 | 94.5 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7439-96-5 | Manganese | 334 | | 1 | 0.13 | 0.95 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7439-97-6 | Mercury | 0.074 | | 1 | 0.0080 | 0.014 | mg/Kg | 08/18/25 15:05 | 08/19/25 12:24 | 7471B | |
| 7440-02-0 | Nickel | 15.8 | | 1 | 0.12 | 1.89 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-09-7 | Potassium | 2270 | N | 1 | 26.2 | 94.5 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7782-49-2 | Selenium | 0.25 | U | 1 | 0.25 | 0.95 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-22-4 | Silver | 0.68 | | 1 | 0.11 | 0.47 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-23-5 | Sodium | 467 | | 1 | 16.8 | 94.5 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-28-0 | Thallium | 0.22 | U | 1 | 0.22 | 1.89 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-62-2 | Vanadium | 31.9 | | 1 | 0.24 | 1.89 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |
| 7440-66-6 | Zinc | 109 | | 1 | 0.22 | 1.89 | mg/Kg | 08/19/25 10:05 | 08/19/25 17:54 | 6010D | SW3050 |

| | | | | | |
|---|---|---|---|---|---|
| Color Before: | Brown | Clarity Before: | | Texture: | Medium |
| Color After: | Yellow | Clarity After: | | Artifacts: | No |
| Comments: | TCL+30/TAL | | | | |

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

# 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:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **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 |
|---|---|---|---|---|---|---|---|---|---|
| ICV22 | Mercury | 3.86 | 4.0 | 96 | 90 - 110 | CV | 08/19/2025 | 11:44 | LB136873 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **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 |
|---|---|---|---|---|---|---|---|---|---|
| CCV68 | Mercury | 4.93 | 5.0 | 99 | 90 - 110 | CV | 08/19/2025 | 11:49 | LB136873 |
| CCV69 | Mercury | 4.89 | 5.0 | 98 | 90 - 110 | CV | 08/19/2025 | 12:19 | LB136873 |
| CCV70 | Mercury | 4.68 | 5.0 | 94 | 90 - 110 | CV | 08/19/2025 | 12:55 | LB136873 |

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# Metals

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV01 | Aluminum | 7850 | 8000 | 98 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Antimony | 4070 | 4000 | 102 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Arsenic | 3990 | 4000 | 100 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Barium | 7940 | 8000 | 99 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Beryllium | 209 | 200 | 104 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Cadmium | 1970 | 2000 | 98 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Calcium | 19600 | 20000 | 98 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Chromium | 803 | 800 | 100 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Cobalt | 1980 | 2000 | 99 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Copper | 1020 | 1000 | 102 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Iron | 4010 | 4000 | 100 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Lead | 3990 | 4000 | 100 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Magnesium | 19600 | 20000 | 98 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Manganese | 1980 | 2000 | 99 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Nickel | 1980 | 2000 | 99 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Potassium | 19600 | 20000 | 98 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Selenium | 4030 | 4000 | 101 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Silver | 1010 | 1000 | 101 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Sodium | 19600 | 20000 | 98 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Thallium | 3920 | 4000 | 98 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Vanadium | 1970 | 2000 | 98 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |
| | Zinc | 2000 | 2000 | 100 | 90 - 110 | P | 08/19/2025 | 12:17 | LB136886 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| LLICV01 | Aluminum | 117 | 100 | 117 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Antimony | 55.2 | 50.0 | 110 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Arsenic | 20.1 | 20.0 | 100 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Barium | 100 | 100 | 100 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Beryllium | 6.28 | 6.0 | 105 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Cadmium | 6.00 | 6.0 | 100 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Calcium | 2120 | 2000 | 106 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Chromium | 10.0 | 10.0 | 100 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Cobalt | 30.3 | 30.0 | 101 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Copper | 22.1 | 20.0 | 111 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Iron | 112 | 100 | 112 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Lead | 12.5 | 12.0 | 104 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Magnesium | 2190 | 2000 | 109 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Manganese | 22.1 | 20.0 | 111 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Nickel | 40.8 | 40.0 | 102 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Potassium | 1900 | 2000 | 95 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Selenium | 18.3 | 20.0 | 91 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Silver | 10.6 | 10.0 | 106 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Sodium | 1960 | 2000 | 98 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Thallium | 43.9 | 40.0 | 110 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Vanadium | 43.0 | 40.0 | 108 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |
| | Zinc | 44.7 | 40.0 | 112 | 80 - 120 | P | 08/19/2025 | 12:23 | LB136886 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV01 | Aluminum | 9980 | 10000 | 100 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Antimony | 5080 | 5000 | 102 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Arsenic | 5050 | 5000 | 101 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Barium | 10100 | 10000 | 100 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Beryllium | 244 | 250 | 98 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Cadmium | 2480 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Calcium | 25100 | 25000 | 100 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Chromium | 1000 | 1000 | 100 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Cobalt | 2480 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Copper | 1260 | 1250 | 101 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Iron | 5140 | 5000 | 103 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Lead | 4950 | 5000 | 99 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Magnesium | 24700 | 25000 | 99 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Manganese | 2500 | 2500 | 100 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Nickel | 2480 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Potassium | 25400 | 25000 | 102 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Selenium | 5090 | 5000 | 102 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Silver | 1260 | 1250 | 100 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Sodium | 26000 | 25000 | 104 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Thallium | 5150 | 5000 | 103 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Vanadium | 2500 | 2500 | 100 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| | Zinc | 2540 | 2500 | 102 | 90 - 110 | P | 08/19/2025 | 12:59 | LB136886 |
| CCV02 | Aluminum | 9760 | 10000 | 98 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Antimony | 5010 | 5000 | 100 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Arsenic | 4980 | 5000 | 100 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Barium | 9800 | 10000 | 98 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Beryllium | 239 | 250 | 96 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Cadmium | 2430 | 2500 | 97 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Calcium | 24400 | 25000 | 98 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Chromium | 982 | 1000 | 98 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Cobalt | 2440 | 2500 | 97 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Copper | 1240 | 1250 | 99 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Iron | 5080 | 5000 | 102 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Lead | 4850 | 5000 | 97 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |

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# Metals

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV02 | Magnesium | 24200 | 25000 | 97 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Manganese | 2440 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Nickel | 2440 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Potassium | 24800 | 25000 | 99 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Selenium | 5020 | 5000 | 100 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Silver | 1240 | 1250 | 99 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Sodium | 25000 | 25000 | 100 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Thallium | 5060 | 5000 | 101 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Vanadium | 2480 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| | Zinc | 2500 | 2500 | 100 | 90 - 110 | P | 08/19/2025 | 14:05 | LB136886 |
| CCV03 | Aluminum | 9870 | 10000 | 99 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Antimony | 5060 | 5000 | 101 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Arsenic | 5040 | 5000 | 101 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Barium | 10000 | 10000 | 100 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Beryllium | 243 | 250 | 97 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Cadmium | 2470 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Calcium | 24600 | 25000 | 98 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Chromium | 1000 | 1000 | 100 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Cobalt | 2470 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Iron | 5160 | 5000 | 103 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Lead | 4910 | 5000 | 98 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Magnesium | 24600 | 25000 | 98 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Manganese | 2470 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Nickel | 2470 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Potassium | 25100 | 25000 | 100 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Selenium | 5080 | 5000 | 102 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Silver | 1260 | 1250 | 101 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Sodium | 24900 | 25000 | 100 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Thallium | 5060 | 5000 | 101 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Vanadium | 2500 | 2500 | 100 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| | Zinc | 2540 | 2500 | 102 | 90 - 110 | P | 08/19/2025 | 14:54 | LB136886 |
| CCV04 | Aluminum | 9740 | 10000 | 97 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Antimony | 5020 | 5000 | 100 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |

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Fax : 908 789 8922

# Metals

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV04 | Arsenic | 5000 | 5000 | 100 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Barium | 9800 | 10000 | 98 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Beryllium | 239 | 250 | 96 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Cadmium | 2440 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Calcium | 24300 | 25000 | 97 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Chromium | 990 | 1000 | 99 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Cobalt | 2440 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Copper | 1240 | 1250 | 99 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Iron | 5100 | 5000 | 102 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Lead | 4860 | 5000 | 97 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Magnesium | 24200 | 25000 | 97 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Manganese | 2430 | 2500 | 97 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Nickel | 2440 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Potassium | 24700 | 25000 | 99 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Selenium | 5030 | 5000 | 101 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Silver | 1250 | 1250 | 100 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Sodium | 24400 | 25000 | 98 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Thallium | 4860 | 5000 | 97 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Vanadium | 2480 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| | Zinc | 2520 | 2500 | 101 | 90 - 110 | P | 08/19/2025 | 15:47 | LB136886 |
| CCV05 | Aluminum | 9760 | 10000 | 98 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Antimony | 5070 | 5000 | 101 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Arsenic | 5090 | 5000 | 102 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Barium | 9760 | 10000 | 98 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Beryllium | 239 | 250 | 96 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Cadmium | 2470 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Calcium | 24400 | 25000 | 98 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Chromium | 995 | 1000 | 100 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Cobalt | 2470 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Iron | 5100 | 5000 | 102 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Lead | 4910 | 5000 | 98 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Magnesium | 24400 | 25000 | 98 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Manganese | 2430 | 2500 | 97 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |

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Fax : 908 789 8922

# Metals

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV05 | Nickel | 2470 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Potassium | 25000 | 25000 | 100 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Selenium | 5140 | 5000 | 103 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Silver | 1260 | 1250 | 100 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Sodium | 24900 | 25000 | 100 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Thallium | 5290 | 5000 | 106 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Vanadium | 2470 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| | Zinc | 2540 | 2500 | 102 | 90 - 110 | P | 08/19/2025 | 16:38 | LB136886 |
| CCV06 | Aluminum | 9810 | 10000 | 98 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Antimony | 5120 | 5000 | 102 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Arsenic | 5070 | 5000 | 102 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Barium | 9990 | 10000 | 100 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Beryllium | 235 | 250 | 94 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Cadmium | 2460 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Calcium | 24400 | 25000 | 98 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Chromium | 994 | 1000 | 99 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Cobalt | 2470 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Iron | 5290 | 5000 | 106 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Lead | 4880 | 5000 | 98 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Magnesium | 24300 | 25000 | 97 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Manganese | 2460 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Nickel | 2460 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Potassium | 25400 | 25000 | 102 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Selenium | 5150 | 5000 | 103 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Silver | 1260 | 1250 | 101 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Sodium | 25300 | 25000 | 101 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Thallium | 5200 | 5000 | 104 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Vanadium | 2490 | 2500 | 100 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| | Zinc | 2540 | 2500 | 102 | 90 - 110 | P | 08/19/2025 | 17:29 | LB136886 |
| CCV07 | Aluminum | 9740 | 10000 | 97 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Antimony | 5130 | 5000 | 103 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Arsenic | 5090 | 5000 | 102 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Barium | 9730 | 10000 | 97 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV07 | Beryllium | 233 | 250 | 93 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Cadmium | 2450 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Calcium | 24200 | 25000 | 97 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Chromium | 990 | 1000 | 99 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Cobalt | 2460 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Iron | 5200 | 5000 | 104 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Lead | 4850 | 5000 | 97 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Magnesium | 23900 | 25000 | 96 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Manganese | 2430 | 2500 | 97 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Nickel | 2450 | 2500 | 98 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Potassium | 25200 | 25000 | 101 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Selenium | 5150 | 5000 | 103 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Silver | 1250 | 1250 | 100 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Sodium | 24900 | 25000 | 100 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Thallium | 5290 | 5000 | 106 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Vanadium | 2470 | 2500 | 99 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |
| | Zinc | 2530 | 2500 | 101 | 90 - 110 | P | 08/19/2025 | 18:02 | LB136886 |

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# Metals

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| ICV01 | Aluminum | 7800 | 8000 | 98 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Antimony | 4060 | 4000 | 102 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Arsenic | 3950 | 4000 | 99 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Barium | 7740 | 8000 | 97 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Beryllium | 217 | 200 | 109 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Cadmium | 1960 | 2000 | 98 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Calcium | 19400 | 20000 | 97 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Chromium | 809 | 800 | 101 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Cobalt | 1970 | 2000 | 99 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Copper | 1010 | 1000 | 101 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Iron | 3970 | 4000 | 99 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Lead | 3970 | 4000 | 99 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Magnesium | 19400 | 20000 | 97 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Manganese | 1950 | 2000 | 97 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Nickel | 1970 | 2000 | 98 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Potassium | 19600 | 20000 | 98 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Selenium | 3990 | 4000 | 100 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Silver | 1010 | 1000 | 101 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Sodium | 18900 | 20000 | 94 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Thallium | 3920 | 4000 | 98 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Vanadium | 1940 | 2000 | 97 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |
| | Zinc | 2010 | 2000 | 101 | 90 - 110 | P | 08/20/2025 | 13:04 | LB136898 |

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Fax : 908 789 8922

# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| LLICV01 | Aluminum | 105 | 100 | 105 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Antimony | 49.3 | 50.0 | 98 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Arsenic | 20.0 | 20.0 | 100 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Barium | 97.7 | 100 | 98 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Beryllium | 6.15 | 6.0 | 103 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Cadmium | 5.60 | 6.0 | 93 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Calcium | 2050 | 2000 | 102 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Chromium | 9.70 | 10.0 | 97 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Cobalt | 28.7 | 30.0 | 96 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Copper | 20.8 | 20.0 | 104 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Iron | 103 | 100 | 103 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Lead | 12.0 | 12.0 | 100 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Magnesium | 2160 | 2000 | 108 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Manganese | 21.9 | 20.0 | 109 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Nickel | 39.1 | 40.0 | 98 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Potassium | 1870 | 2000 | 94 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Selenium | 21.2 | 20.0 | 106 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Silver | 10.4 | 10.0 | 104 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Sodium | 1910 | 2000 | 96 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Thallium | 41.1 | 40.0 | 103 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Vanadium | 42.6 | 40.0 | 107 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |
| | Zinc | 41.2 | 40.0 | 103 | 80 - 120 | P | 08/20/2025 | 13:17 | LB136898 |

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

# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV01 | Aluminum | 9920 | 10000 | 99 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Antimony | 4980 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Arsenic | 4980 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Barium | 9810 | 10000 | 98 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Beryllium | 246 | 250 | 98 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Cadmium | 2470 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Calcium | 24800 | 25000 | 99 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Chromium | 1010 | 1000 | 101 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Cobalt | 2460 | 2500 | 98 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Iron | 5020 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Lead | 4900 | 5000 | 98 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Magnesium | 24700 | 25000 | 99 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Manganese | 2470 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Nickel | 2460 | 2500 | 98 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Potassium | 24800 | 25000 | 99 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Selenium | 5010 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Silver | 1240 | 1250 | 100 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Sodium | 25000 | 25000 | 100 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Thallium | 4970 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Vanadium | 2480 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| | Zinc | 2520 | 2500 | 101 | 90 - 110 | P | 08/20/2025 | 13:47 | LB136898 |
| CCV02 | Aluminum | 9850 | 10000 | 98 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Antimony | 4990 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Arsenic | 4960 | 5000 | 99 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Barium | 9760 | 10000 | 98 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Beryllium | 243 | 250 | 97 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Cadmium | 2450 | 2500 | 98 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Calcium | 24500 | 25000 | 98 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Chromium | 1000 | 1000 | 100 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Cobalt | 2440 | 2500 | 98 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Copper | 1240 | 1250 | 100 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Iron | 5060 | 5000 | 101 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Lead | 4860 | 5000 | 97 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |

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

# Metals

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV02 | Magnesium | 24200 | 25000 | 97 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Manganese | 2440 | 2500 | 98 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Nickel | 2450 | 2500 | 98 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Potassium | 25300 | 25000 | 101 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Selenium | 5010 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Silver | 1250 | 1250 | 100 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Sodium | 25200 | 25000 | 101 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Thallium | 5050 | 5000 | 101 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Vanadium | 2460 | 2500 | 98 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| | Zinc | 2510 | 2500 | 100 | 90 - 110 | P | 08/20/2025 | 14:39 | LB136898 |
| CCV03 | Aluminum | 9770 | 10000 | 98 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Antimony | 5030 | 5000 | 101 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Arsenic | 5010 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Barium | 9560 | 10000 | 96 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Beryllium | 251 | 250 | 100 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Cadmium | 2470 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Calcium | 24100 | 25000 | 96 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Chromium | 1020 | 1000 | 102 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Cobalt | 2460 | 2500 | 98 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Iron | 4950 | 5000 | 99 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Lead | 4900 | 5000 | 98 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Magnesium | 24100 | 25000 | 96 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Manganese | 2390 | 2500 | 96 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Nickel | 2470 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Potassium | 24500 | 25000 | 98 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Selenium | 5050 | 5000 | 101 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Silver | 1260 | 1250 | 101 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Sodium | 22900 | 25000 | 92 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Thallium | 4780 | 5000 | 96 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Vanadium | 2440 | 2500 | 98 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| | Zinc | 2530 | 2500 | 101 | 90 - 110 | P | 08/20/2025 | 15:45 | LB136898 |
| CCV04 | Aluminum | 9870 | 10000 | 99 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Antimony | 5050 | 5000 | 101 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |

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Fax : 908 789 8922

# Metals

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV04 | Arsenic | 5050 | 5000 | 101 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Barium | 9770 | 10000 | 98 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Beryllium | 247 | 250 | 99 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Cadmium | 2480 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Calcium | 24600 | 25000 | 98 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Chromium | 1010 | 1000 | 101 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Cobalt | 2480 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Copper | 1260 | 1250 | 100 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Iron | 4980 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Lead | 4930 | 5000 | 99 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Magnesium | 24500 | 25000 | 98 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Manganese | 2430 | 2500 | 97 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Nickel | 2480 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Potassium | 24800 | 25000 | 99 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Selenium | 5090 | 5000 | 102 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Silver | 1250 | 1250 | 100 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Sodium | 23800 | 25000 | 95 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Thallium | 5150 | 5000 | 103 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Vanadium | 2470 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| | Zinc | 2530 | 2500 | 101 | 90 - 110 | P | 08/20/2025 | 16:35 | LB136898 |
| CCV05 | Aluminum | 9860 | 10000 | 99 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Antimony | 4990 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Arsenic | 4990 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Barium | 9690 | 10000 | 97 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Beryllium | 251 | 250 | 101 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Cadmium | 2480 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Calcium | 24500 | 25000 | 98 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Chromium | 1010 | 1000 | 102 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Cobalt | 2470 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Copper | 1250 | 1250 | 100 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Iron | 4930 | 5000 | 98 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Lead | 4920 | 5000 | 98 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Magnesium | 24500 | 25000 | 98 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Manganese | 2420 | 2500 | 97 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |

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# Metals

## - 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte | Result ug/L | True Value | % Recovery | Acceptance Window (%R) | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| CCV05 | Nickel | 2480 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Potassium | 24600 | 25000 | 98 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Selenium | 5020 | 5000 | 100 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Silver | 1250 | 1250 | 100 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Sodium | 23400 | 25000 | 94 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Thallium | 5030 | 5000 | 101 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Vanadium | 2460 | 2500 | 99 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |
| | Zinc | 2540 | 2500 | 102 | 90 - 110 | P | 08/20/2025 | 17:09 | LB136898 |

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# Metals

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **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 | 85 | 70 - 130 | CV | 08/19/2025 | 11:53 | LB136873 |
| CRI01 | Aluminum | 110 | 100 | 110 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Antimony | 53.1 | 50.0 | 106 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Arsenic | 20.5 | 20.0 | 103 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Barium | 98.1 | 100 | 98 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Beryllium | 6.06 | 6.0 | 101 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Cadmium | 5.77 | 6.0 | 96 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Calcium | 2050 | 2000 | 102 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Chromium | 10.1 | 10.0 | 101 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Cobalt | 29.4 | 30.0 | 98 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Copper | 21.2 | 20.0 | 106 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Iron | 103 | 100 | 103 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Lead | 12.1 | 12.0 | 101 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Magnesium | 2120 | 2000 | 106 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Manganese | 21.6 | 20.0 | 108 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Nickel | 39.2 | 40.0 | 98 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Potassium | 1800 | 2000 | 90 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Selenium | 19.6 | 20.0 | 98 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Silver | 9.92 | 10.0 | 99 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Sodium | 1980 | 2000 | 99 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Thallium | 43.6 | 40.0 | 109 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Vanadium | 39.6 | 40.0 | 99 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| | Zinc | 42.1 | 40.0 | 105 | 65 - 135 | P | 08/19/2025 | 12:38 | LB136886 |
| CRI01 | Aluminum | 98.0 | 100 | 98 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Antimony | 50.6 | 50.0 | 101 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Arsenic | 21.4 | 20.0 | 107 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Barium | 98.2 | 100 | 98 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Beryllium | 6.30 | 6.0 | 105 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Cadmium | 5.72 | 6.0 | 95 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Calcium | 2050 | 2000 | 103 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Chromium | 9.89 | 10.0 | 99 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Cobalt | 29.1 | 30.0 | 97 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Copper | 20.9 | 20.0 | 104 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Iron | 95.2 | 100 | 95 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Lead | 12.4 | 12.0 | 104 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |

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# Metals

## - 2b -

## CRDL STANDARD FOR AA & ICP

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **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 |
|---|---|---|---|---|---|---|---|---|---|
| CRI01 | Magnesium | 2160 | 2000 | 108 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Manganese | 21.9 | 20.0 | 109 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Nickel | 39.4 | 40.0 | 98 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Potassium | 1830 | 2000 | 92 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Selenium | 21.8 | 20.0 | 109 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Silver | 9.95 | 10.0 | 100 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Sodium | 1910 | 2000 | 96 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Thallium | 43.3 | 40.0 | 108 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Vanadium | 42.6 | 40.0 | 107 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |
| | Zinc | 41.5 | 40.0 | 104 | 65 - 135 | P | 08/20/2025 | 13:26 | LB136898 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **ICB22** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 08/19/2025 | 11:46 | LB136873 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB68** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 08/19/2025 | 11:51 | LB136873 |
| **CCB69** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 08/19/2025 | 12:22 | LB136873 |
| **CCB70** | Mercury | 0.076 | +/-0.2 | U | 0.20 | CV | 08/19/2025 | 12:58 | LB136873 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **ICB01** | Aluminum | 12.2 | +/-50 | J | 100 | P | 08/19/2025 | 12:27 | LB136886 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/19/2025 | 12:27 | LB136886 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/19/2025 | 12:27 | LB136886 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/19/2025 | 12:27 | LB136886 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/19/2025 | 12:27 | LB136886 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/19/2025 | 12:27 | LB136886 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/19/2025 | 12:27 | LB136886 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/19/2025 | 12:27 | LB136886 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/19/2025 | 12:27 | LB136886 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/19/2025 | 12:27 | LB136886 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/19/2025 | 12:27 | LB136886 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB01** | Aluminum | 11.3 | +/-50 | U | 100 | P | 08/19/2025 | 13:03 | LB136886 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/19/2025 | 13:03 | LB136886 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/19/2025 | 13:03 | LB136886 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/19/2025 | 13:03 | LB136886 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/19/2025 | 13:03 | LB136886 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/19/2025 | 13:03 | LB136886 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/19/2025 | 13:03 | LB136886 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/19/2025 | 13:03 | LB136886 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/19/2025 | 13:03 | LB136886 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/19/2025 | 13:03 | LB136886 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/19/2025 | 13:03 | LB136886 |
| **CCB02** | Aluminum | 11.3 | +/-50 | U | 100 | P | 08/19/2025 | 14:09 | LB136886 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/19/2025 | 14:09 | LB136886 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/19/2025 | 14:09 | LB136886 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/19/2025 | 14:09 | LB136886 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/19/2025 | 14:09 | LB136886 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/19/2025 | 14:09 | LB136886 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/19/2025 | 14:09 | LB136886 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/19/2025 | 14:09 | LB136886 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/19/2025 | 14:09 | LB136886 |

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

# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB02** | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/19/2025 | 14:09 | LB136886 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/19/2025 | 14:09 | LB136886 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/19/2025 | 14:09 | LB136886 |
| **CCB03** | Aluminum | 11.6 | +/-50 | J | 100 | P | 08/19/2025 | 14:58 | LB136886 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/19/2025 | 14:58 | LB136886 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/19/2025 | 14:58 | LB136886 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/19/2025 | 14:58 | LB136886 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/19/2025 | 14:58 | LB136886 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/19/2025 | 14:58 | LB136886 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/19/2025 | 14:58 | LB136886 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/19/2025 | 14:58 | LB136886 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/19/2025 | 14:58 | LB136886 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/19/2025 | 14:58 | LB136886 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/19/2025 | 14:58 | LB136886 |
| **CCB04** | Aluminum | 15.0 | +/-50 | J | 100 | P | 08/19/2025 | 15:52 | LB136886 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/19/2025 | 15:52 | LB136886 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/19/2025 | 15:52 | LB136886 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/19/2025 | 15:52 | LB136886 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/19/2025 | 15:52 | LB136886 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/19/2025 | 15:52 | LB136886 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/19/2025 | 15:52 | LB136886 |

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

# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB04** | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/19/2025 | 15:52 | LB136886 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/19/2025 | 15:52 | LB136886 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/19/2025 | 15:52 | LB136886 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/19/2025 | 15:52 | LB136886 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/19/2025 | 15:52 | LB136886 |
| **CCB05** | Aluminum | 11.3 | +/-50 | U | 100 | P | 08/19/2025 | 16:43 | LB136886 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/19/2025 | 16:43 | LB136886 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/19/2025 | 16:43 | LB136886 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/19/2025 | 16:43 | LB136886 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/19/2025 | 16:43 | LB136886 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/19/2025 | 16:43 | LB136886 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/19/2025 | 16:43 | LB136886 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/19/2025 | 16:43 | LB136886 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/19/2025 | 16:43 | LB136886 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/19/2025 | 16:43 | LB136886 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/19/2025 | 16:43 | LB136886 |
| **CCB06** | Aluminum | 16.7 | +/-50 | J | 100 | P | 08/19/2025 | 17:33 | LB136886 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/19/2025 | 17:33 | LB136886 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/19/2025 | 17:33 | LB136886 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/19/2025 | 17:33 | LB136886 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/19/2025 | 17:33 | LB136886 |

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB06** | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/19/2025 | 17:33 | LB136886 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/19/2025 | 17:33 | LB136886 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/19/2025 | 17:33 | LB136886 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/19/2025 | 17:33 | LB136886 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/19/2025 | 17:33 | LB136886 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/19/2025 | 17:33 | LB136886 |
| **CCB07** | Aluminum | 11.3 | +/-50 | U | 100 | P | 08/19/2025 | 18:07 | LB136886 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/19/2025 | 18:07 | LB136886 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/19/2025 | 18:07 | LB136886 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/19/2025 | 18:07 | LB136886 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/19/2025 | 18:07 | LB136886 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/19/2025 | 18:07 | LB136886 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/19/2025 | 18:07 | LB136886 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/19/2025 | 18:07 | LB136886 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/19/2025 | 18:07 | LB136886 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/19/2025 | 18:07 | LB136886 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/19/2025 | 18:07 | LB136886 |

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# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **ICB01** | Aluminum | 11.3 | +/-50 | U | 100 | P | 08/20/2025 | 13:21 | LB136898 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/20/2025 | 13:21 | LB136898 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/20/2025 | 13:21 | LB136898 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/20/2025 | 13:21 | LB136898 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/20/2025 | 13:21 | LB136898 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/20/2025 | 13:21 | LB136898 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/20/2025 | 13:21 | LB136898 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/20/2025 | 13:21 | LB136898 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/20/2025 | 13:21 | LB136898 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/20/2025 | 13:21 | LB136898 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/20/2025 | 13:21 | LB136898 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB01** | Aluminum | 11.3 | +/-50 | U | 100 | P | 08/20/2025 | 13:51 | LB136898 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/20/2025 | 13:51 | LB136898 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/20/2025 | 13:51 | LB136898 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/20/2025 | 13:51 | LB136898 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/20/2025 | 13:51 | LB136898 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/20/2025 | 13:51 | LB136898 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/20/2025 | 13:51 | LB136898 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/20/2025 | 13:51 | LB136898 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/20/2025 | 13:51 | LB136898 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/20/2025 | 13:51 | LB136898 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/20/2025 | 13:51 | LB136898 |
| **CCB02** | Aluminum | 11.3 | +/-50 | U | 100 | P | 08/20/2025 | 14:43 | LB136898 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/20/2025 | 14:43 | LB136898 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/20/2025 | 14:43 | LB136898 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/20/2025 | 14:43 | LB136898 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/20/2025 | 14:43 | LB136898 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/20/2025 | 14:43 | LB136898 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/20/2025 | 14:43 | LB136898 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/20/2025 | 14:43 | LB136898 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/20/2025 | 14:43 | LB136898 |

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

# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB02** | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/20/2025 | 14:43 | LB136898 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/20/2025 | 14:43 | LB136898 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/20/2025 | 14:43 | LB136898 |
| **CCB03** | Aluminum | 11.3 | +/-50 | U | 100 | P | 08/20/2025 | 15:49 | LB136898 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/20/2025 | 15:49 | LB136898 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/20/2025 | 15:49 | LB136898 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/20/2025 | 15:49 | LB136898 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/20/2025 | 15:49 | LB136898 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/20/2025 | 15:49 | LB136898 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/20/2025 | 15:49 | LB136898 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/20/2025 | 15:49 | LB136898 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/20/2025 | 15:49 | LB136898 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/20/2025 | 15:49 | LB136898 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/20/2025 | 15:49 | LB136898 |
| **CCB04** | Aluminum | 11.3 | +/-50 | U | 100 | P | 08/20/2025 | 16:39 | LB136898 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/20/2025 | 16:39 | LB136898 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/20/2025 | 16:39 | LB136898 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/20/2025 | 16:39 | LB136898 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/20/2025 | 16:39 | LB136898 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/20/2025 | 16:39 | LB136898 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/20/2025 | 16:39 | LB136898 |

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# Metals

## - 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Sample ID | Analyte | Result ug/L | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
|---|---|---|---|---|---|---|---|---|---|
| **CCB04** | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/20/2025 | 16:39 | LB136898 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/20/2025 | 16:39 | LB136898 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/20/2025 | 16:39 | LB136898 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/20/2025 | 16:39 | LB136898 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/20/2025 | 16:39 | LB136898 |
| **CCB05** | Aluminum | 11.3 | +/-50 | U | 100 | P | 08/20/2025 | 17:13 | LB136898 |
| | Antimony | 6.76 | +/-25 | U | 50.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Arsenic | 5.12 | +/-10 | U | 20.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Barium | 14.6 | +/-50 | U | 100 | P | 08/20/2025 | 17:13 | LB136898 |
| | Beryllium | 0.56 | +/-3 | U | 6.00 | P | 08/20/2025 | 17:13 | LB136898 |
| | Cadmium | 0.50 | +/-3 | U | 6.00 | P | 08/20/2025 | 17:13 | LB136898 |
| | Calcium | 234 | +/-1000 | U | 2000 | P | 08/20/2025 | 17:13 | LB136898 |
| | Chromium | 2.12 | +/-5 | U | 10.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Cobalt | 2.26 | +/-15 | U | 30.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Copper | 4.60 | +/-10 | U | 20.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Iron | 23.4 | +/-50 | U | 100 | P | 08/20/2025 | 17:13 | LB136898 |
| | Lead | 2.30 | +/-6 | U | 12.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Magnesium | 244 | +/-1000 | U | 2000 | P | 08/20/2025 | 17:13 | LB136898 |
| | Manganese | 5.94 | +/-10 | U | 20.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Nickel | 3.06 | +/-20 | U | 40.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Potassium | 918 | +/-1000 | U | 2000 | P | 08/20/2025 | 17:13 | LB136898 |
| | Selenium | 9.64 | +/-10 | U | 20.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Silver | 1.62 | +/-5 | U | 10.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Sodium | 868 | +/-1000 | U | 2000 | P | 08/20/2025 | 17:13 | LB136898 |
| | Thallium | 4.38 | +/-20 | U | 40.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Vanadium | 6.26 | +/-20 | U | 40.0 | P | 08/20/2025 | 17:13 | LB136898 |
| | Zinc | 16.7 | +/-20 | U | 40.0 | P | 08/20/2025 | 17:13 | LB136898 |

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Instrument:** CV1

| Sample ID | Analyte | Result (mg/Kg) | Acceptance Limit | Conc Qual | CRQL mg/Kg | M | Analysis Date | Analysis Time | Run |
|---|---|---|---|---|---|---|---|---|---|
| **PB169292BL** | | **SOLID** | | **Batch Number:** | **PB169292** | | **Prep Date:** | **08/18/2025** | |
| | Mercury | 0.0080 | <0.014 | U | 0.014 | CV | 08/19/2025 | 12:49 | LB136873 |

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Instrument:** P4

| Sample ID | Analyte | Result (mg/Kg) | Acceptance Limit | Conc Qual | CRQL mg/Kg | M | Analysis Date | Analysis Time | Run |
|---|---|---|---|---|---|---|---|---|---|
| **PB169304BL** | | **SOLID** | | **Batch Number:** | **PB169304** | | **Prep Date:** | **08/19/2025** | |
| | Aluminum | 0.84 | <2.5 | U | 5.00 | P | 08/19/2025 | 16:30 | LB136886 |
| | Antimony | 0.22 | <1.25 | U | 2.50 | P | 08/19/2025 | 16:30 | LB136886 |
| | Arsenic | 0.19 | <0.5 | U | 1.00 | P | 08/19/2025 | 16:30 | LB136886 |
| | Barium | 0.73 | <2.5 | U | 5.00 | P | 08/19/2025 | 16:30 | LB136886 |
| | Beryllium | 0.025 | <0.15 | U | 0.30 | P | 08/19/2025 | 16:30 | LB136886 |
| | Cadmium | 0.024 | <0.15 | U | 0.30 | P | 08/19/2025 | 16:30 | LB136886 |
| | Calcium | 11.1 | <50 | U | 100 | P | 08/19/2025 | 16:30 | LB136886 |
| | Chromium | 0.047 | <0.25 | U | 0.50 | P | 08/19/2025 | 16:30 | LB136886 |
| | Cobalt | 0.10 | <0.75 | U | 1.50 | P | 08/19/2025 | 16:30 | LB136886 |
| | Copper | 0.22 | <0.5 | U | 1.00 | P | 08/19/2025 | 16:30 | LB136886 |
| | Iron | 3.99 | <2.5 | U | 5.00 | P | 08/19/2025 | 16:30 | LB136886 |
| | Lead | 0.13 | <0.3 | U | 0.60 | P | 08/19/2025 | 16:30 | LB136886 |
| | Magnesium | 12.0 | <50 | U | 100 | P | 08/19/2025 | 16:30 | LB136886 |
| | Manganese | 0.14 | <0.5 | U | 1.00 | P | 08/19/2025 | 16:30 | LB136886 |
| | Nickel | 0.13 | <1 | U | 2.00 | P | 08/19/2025 | 16:30 | LB136886 |
| | Potassium | 41.9 | <50 | J | 100 | P | 08/19/2025 | 16:30 | LB136886 |
| | Selenium | 0.26 | <0.5 | U | 1.00 | P | 08/19/2025 | 16:30 | LB136886 |
| | Silver | 0.12 | <0.25 | U | 0.50 | P | 08/19/2025 | 16:30 | LB136886 |
| | Sodium | 44.3 | <50 | J | 100 | P | 08/19/2025 | 16:30 | LB136886 |
| | Thallium | 0.23 | <1 | U | 2.00 | P | 08/19/2025 | 16:30 | LB136886 |
| | Vanadium | 0.25 | <1 | U | 2.00 | P | 08/19/2025 | 16:30 | LB136886 |
| | Zinc | 0.23 | <1 | U | 2.00 | P | 08/19/2025 | 16:30 | LB136886 |

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**ICS Source:** EPA **Instrument ID:** P4

| 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 | 246000 | 255000 | 96 | 216000 | 294000 | 08/19/2025 | 12:42 | LB136886 |
| | Antimony | -0.20 | | | -50 | 50 | 08/19/2025 | 12:42 | LB136886 |
| | Arsenic | 12.1 | | | -20 | 20 | 08/19/2025 | 12:42 | LB136886 |
| | Barium | -1.21 | 6.0 | 20 | -94 | 106 | 08/19/2025 | 12:42 | LB136886 |
| | Beryllium | 2.93 | | | -6 | 6 | 08/19/2025 | 12:42 | LB136886 |
| | Cadmium | 2.13 | 1.0 | 213 | -5 | 7 | 08/19/2025 | 12:42 | LB136886 |
| | Calcium | 234000 | 245000 | 96 | 208000 | 282000 | 08/19/2025 | 12:42 | LB136886 |
| | Chromium | 59.6 | 52.0 | 115 | 42 | 62 | 08/19/2025 | 12:42 | LB136886 |
| | Cobalt | 1.71 | | | -30 | 30 | 08/19/2025 | 12:42 | LB136886 |
| | Copper | -2.88 | 2.0 | 144 | -18 | 22 | 08/19/2025 | 12:42 | LB136886 |
| | Iron | 103000 | 101000 | 102 | 85600 | 116500 | 08/19/2025 | 12:42 | LB136886 |
| | Lead | -6.18 | | | -12 | 12 | 08/19/2025 | 12:42 | LB136886 |
| | Magnesium | 246000 | 255000 | 96 | 216000 | 294000 | 08/19/2025 | 12:42 | LB136886 |
| | Manganese | -1.33 | 7.0 | 19 | -13 | 27 | 08/19/2025 | 12:42 | LB136886 |
| | Nickel | 5.95 | 2.0 | 298 | -38 | 42 | 08/19/2025 | 12:42 | LB136886 |
| | Potassium | 1.64 | | | 0 | 0 | 08/19/2025 | 12:42 | LB136886 |
| | Selenium | 3.05 | | | -20 | 20 | 08/19/2025 | 12:42 | LB136886 |
| | Silver | 2.72 | | | -10 | 10 | 08/19/2025 | 12:42 | LB136886 |
| | Sodium | 29.5 | | | 0 | 0 | 08/19/2025 | 12:42 | LB136886 |
| | Thallium | 2.08 | | | -40 | 40 | 08/19/2025 | 12:42 | LB136886 |
| | Vanadium | 3.51 | | | -40 | 40 | 08/19/2025 | 12:42 | LB136886 |
| | Zinc | 1.80 | | | -40 | 40 | 08/19/2025 | 12:42 | LB136886 |
| **ICSAB01** | Aluminum | 241000 | 247000 | 98 | 209000 | 285000 | 08/19/2025 | 12:46 | LB136886 |
| | Antimony | 590 | 618 | 96 | 525 | 711 | 08/19/2025 | 12:46 | LB136886 |
| | Arsenic | 110 | 104 | 106 | 88.4 | 120 | 08/19/2025 | 12:46 | LB136886 |
| | Barium | 478 | 537 | 89 | 437 | 637 | 08/19/2025 | 12:46 | LB136886 |
| | Beryllium | 462 | 495 | 93 | 420 | 570 | 08/19/2025 | 12:46 | LB136886 |
| | Cadmium | 951 | 972 | 98 | 826 | 1120 | 08/19/2025 | 12:46 | LB136886 |
| | Calcium | 228000 | 235000 | 97 | 199000 | 271000 | 08/19/2025 | 12:46 | LB136886 |
| | Chromium | 541 | 542 | 100 | 460 | 624 | 08/19/2025 | 12:46 | LB136886 |
| | Cobalt | 479 | 476 | 101 | 404 | 548 | 08/19/2025 | 12:46 | LB136886 |
| | Copper | 463 | 511 | 91 | 434 | 588 | 08/19/2025 | 12:46 | LB136886 |
| | Iron | 101000 | 99300 | 102 | 84400 | 114500 | 08/19/2025 | 12:46 | LB136886 |
| | Lead | 41.0 | 49.0 | 84 | 37 | 61 | 08/19/2025 | 12:46 | LB136886 |
| | Magnesium | 240000 | 248000 | 97 | 210000 | 286000 | 08/19/2025 | 12:46 | LB136886 |
| | Manganese | 465 | 507 | 92 | 430 | 584 | 08/19/2025 | 12:46 | LB136886 |
| | Nickel | 954 | 954 | 100 | 810 | 1100 | 08/19/2025 | 12:46 | LB136886 |
| | Potassium | -314 | | | 0 | 0 | 08/19/2025 | 12:46 | LB136886 |
| | Selenium | 49.3 | 46.0 | 107 | 26 | 66 | 08/19/2025 | 12:46 | LB136886 |
| | Silver | 212 | 201 | 106 | 170 | 232 | 08/19/2025 | 12:46 | LB136886 |
| | Sodium | -49.4 | | | 0 | 0 | 08/19/2025 | 12:46 | LB136886 |
| | Thallium | 96.0 | 108 | 89 | 68 | 148 | 08/19/2025 | 12:46 | LB136886 |

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**ICS Source:** EPA **Instrument ID:** P4

| 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 | 462 | 491 | 94 | 417 | 565 | 08/19/2025 | 12:46 | LB136886 |
| | Zinc | 1020 | 952 | 107 | 809 | 1095 | 08/19/2025 | 12:46 | LB136886 |
| **ICSA01** | Aluminum | 247000 | 255000 | 97 | 216000 | 294000 | 08/20/2025 | 13:30 | LB136898 |
| | Antimony | -1.47 | | | -50 | 50 | 08/20/2025 | 13:30 | LB136898 |
| | Arsenic | 10.7 | | | -20 | 20 | 08/20/2025 | 13:30 | LB136898 |
| | Barium | 1.81 | 6.0 | 30 | -94 | 106 | 08/20/2025 | 13:30 | LB136898 |
| | Beryllium | 1.50 | | | -6 | 6 | 08/20/2025 | 13:30 | LB136898 |
| | Cadmium | 2.34 | 1.0 | 234 | -5 | 7 | 08/20/2025 | 13:30 | LB136898 |
| | Calcium | 233000 | 245000 | 95 | 208000 | 282000 | 08/20/2025 | 13:30 | LB136898 |
| | Chromium | 60.0 | 52.0 | 115 | 42 | 62 | 08/20/2025 | 13:30 | LB136898 |
| | Cobalt | 1.69 | | | -30 | 30 | 08/20/2025 | 13:30 | LB136898 |
| | Copper | 4.70 | 2.0 | 235 | -18 | 22 | 08/20/2025 | 13:30 | LB136898 |
| | Iron | 99200 | 101000 | 98 | 85600 | 116500 | 08/20/2025 | 13:30 | LB136898 |
| | Lead | -3.40 | | | -12 | 12 | 08/20/2025 | 13:30 | LB136898 |
| | Magnesium | 249000 | 255000 | 98 | 216000 | 294000 | 08/20/2025 | 13:30 | LB136898 |
| | Manganese | 8.90 | 7.0 | 127 | -13 | 27 | 08/20/2025 | 13:30 | LB136898 |
| | Nickel | 6.20 | 2.0 | 310 | -38 | 42 | 08/20/2025 | 13:30 | LB136898 |
| | Potassium | 84.7 | | | 0 | 0 | 08/20/2025 | 13:30 | LB136898 |
| | Selenium | -0.17 | | | -20 | 20 | 08/20/2025 | 13:30 | LB136898 |
| | Silver | 2.09 | | | -10 | 10 | 08/20/2025 | 13:30 | LB136898 |
| | Sodium | 74.1 | | | 0 | 0 | 08/20/2025 | 13:30 | LB136898 |
| | Thallium | -3.61 | | | -40 | 40 | 08/20/2025 | 13:30 | LB136898 |
| | Vanadium | 5.01 | | | -40 | 40 | 08/20/2025 | 13:30 | LB136898 |
| | Zinc | 1.99 | | | -40 | 40 | 08/20/2025 | 13:30 | LB136898 |
| **ICSAB01** | Aluminum | 250000 | 247000 | 101 | 209000 | 285000 | 08/20/2025 | 13:34 | LB136898 |
| | Antimony | 587 | 618 | 95 | 525 | 711 | 08/20/2025 | 13:34 | LB136898 |
| | Arsenic | 109 | 104 | 105 | 88.4 | 120 | 08/20/2025 | 13:34 | LB136898 |
| | Barium | 475 | 537 | 88 | 437 | 637 | 08/20/2025 | 13:34 | LB136898 |
| | Beryllium | 482 | 495 | 97 | 420 | 570 | 08/20/2025 | 13:34 | LB136898 |
| | Cadmium | 963 | 972 | 99 | 826 | 1120 | 08/20/2025 | 13:34 | LB136898 |
| | Calcium | 236000 | 235000 | 100 | 199000 | 271000 | 08/20/2025 | 13:34 | LB136898 |
| | Chromium | 553 | 542 | 102 | 460 | 624 | 08/20/2025 | 13:34 | LB136898 |
| | Cobalt | 484 | 476 | 102 | 404 | 548 | 08/20/2025 | 13:34 | LB136898 |
| | Copper | 475 | 511 | 93 | 434 | 588 | 08/20/2025 | 13:34 | LB136898 |
| | Iron | 101000 | 99300 | 102 | 84400 | 114500 | 08/20/2025 | 13:34 | LB136898 |
| | Lead | 38.4 | 49.0 | 78 | 37 | 61 | 08/20/2025 | 13:34 | LB136898 |
| | Magnesium | 251000 | 248000 | 101 | 210000 | 286000 | 08/20/2025 | 13:34 | LB136898 |
| | Manganese | 476 | 507 | 94 | 430 | 584 | 08/20/2025 | 13:34 | LB136898 |
| | Nickel | 964 | 954 | 101 | 810 | 1100 | 08/20/2025 | 13:34 | LB136898 |
| | Potassium | -189 | | | 0 | 0 | 08/20/2025 | 13:34 | LB136898 |
| | Selenium | 47.4 | 46.0 | 103 | 26 | 66 | 08/20/2025 | 13:34 | LB136898 |
| | Silver | 212 | 201 | 106 | 170 | 232 | 08/20/2025 | 13:34 | LB136898 |

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**ICS Source:** EPA **Instrument ID:** P4

| 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** | Sodium | 27.1 | | | 0 | 0 | 08/20/2025 | 13:34 | LB136898 |
| | Thallium | 99.0 | 108 | 92 | 68 | 148 | 08/20/2025 | 13:34 | LB136898 |
| | Vanadium | 475 | 491 | 97 | 417 | 565 | 08/20/2025 | 13:34 | LB136898 |
| | Zinc | 1020 | 952 | 107 | 809 | 1095 | 08/20/2025 | 13:34 | LB136898 |

# METAL QC DATA

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

**client:** BAPS North Bergen Development Inc. **level:** low **sdg no.:** Q2892

**contract:** BAPS03 **lab code:** ACE

**matrix:** Solid **sample id:** Q2892-02 **client id:** 1-FLOOR-NORTH-EAST-CORNER-BACK-AI

**Percent Solids for Sample:** 90.9 **Spiked ID:** Q2892-02MS **Percent Solids for Spike Sample:** 90.9

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 75 - 125 | 11200 | | 10100 | | 100 | 1129 | | P |
| Antimony | mg/Kg | 75 - 125 | 9.51 | | 2.59 | U | 40.6 | 23 | N | P |
| Arsenic | mg/Kg | 75 - 125 | 42.5 | | 10.6 | | 40.6 | 78 | | P |
| Barium | mg/Kg | 75 - 125 | 63.5 | | 50.0 | | 10.1 | 134 | | P |
| Beryllium | mg/Kg | 75 - 125 | 8.55 | | 0.88 | | 10.1 | 76 | | P |
| Cadmium | mg/Kg | 75 - 125 | 11.9 | | 1.22 | | 10.1 | 106 | | P |
| Calcium | mg/Kg | 75 - 125 | 2030 | | 1830 | | 50.7 | 390 | | P |
| Chromium | mg/Kg | 75 - 125 | 37.2 | | 20.1 | | 20.3 | 85 | | P |
| Cobalt | mg/Kg | 75 - 125 | 21.0 | | 10.2 | | 10.1 | 107 | | P |
| Copper | mg/Kg | 75 - 125 | 32.3 | | 44.3 | | 15.2 | -79 | N | P |
| Iron | mg/Kg | 75 - 125 | 17300 | | 17600 | | 150 | -154 | | P |
| Lead | mg/Kg | 75 - 125 | 128 | | 72.2 | | 50.7 | 110 | | P |
| Magnesium | mg/Kg | 75 - 125 | 5450 | | 4820 | | 100 | 634 | | P |
| Manganese | mg/Kg | 75 - 125 | 419 | | 425 | | 10.1 | -65 | | P |
| Nickel | mg/Kg | 75 - 125 | 44.8 | | 17.2 | | 25.3 | 109 | | P |
| Potassium | mg/Kg | 75 - 125 | 2830 | | 1850 | | 510 | 191 | N | P |
| Selenium | mg/Kg | 75 - 125 | 79.1 | | 0.40 | J | 100 | 79 | | P |
| Silver | mg/Kg | 75 - 125 | 3.73 | | 0.59 | | 3.8 | 83 | | P |
| Sodium | mg/Kg | 75 - 125 | 515 | | 360 | | 150 | 103 | | P |
| Thallium | mg/Kg | 75 - 125 | 99.8 | | 2.08 | U | 100 | 100 | | P |
| Vanadium | mg/Kg | 75 - 125 | 49.1 | | 35.8 | | 15.2 | 87 | | P |
| Zinc | mg/Kg | 75 - 125 | 133 | | 120 | | 10.1 | 124 | | P |

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

**client:** BAPS North Bergen Development Inc. **level:** low **sdg no.:** Q2892

**contract:** BAPS03 **lab code:** ACE

**matrix:** Solid **sample id:** Q2892-02 **client id:** 1-FLOOR-NORTH-EAST-CORNER-BACK-AI

**Percent Solids for Sample:** 90.9 **Spiked ID:** Q2892-02MSD **Percent Solids for Spike Sample:** 90.9

| Analyte | Units | Acceptance Limit %R | MSD Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 75 - 125 | 11400 | | 10100 | | 100 | 1361 | | P |
| Antimony | mg/Kg | 75 - 125 | 9.18 | | 2.59 | U | 40.9 | 22 | N | P |
| Arsenic | mg/Kg | 75 - 125 | 43.1 | | 10.6 | | 40.9 | 79 | | P |
| Barium | mg/Kg | 75 - 125 | 64.0 | | 50.0 | | 10.2 | 138 | | P |
| Beryllium | mg/Kg | 75 - 125 | 8.48 | | 0.88 | | 10.2 | 74 | N | P |
| Cadmium | mg/Kg | 75 - 125 | 12.0 | | 1.22 | | 10.2 | 106 | | P |
| Calcium | mg/Kg | 75 - 125 | 2060 | | 1830 | | 51.2 | 437 | | P |
| Chromium | mg/Kg | 75 - 125 | 37.4 | | 20.1 | | 20.5 | 85 | | P |
| Cobalt | mg/Kg | 75 - 125 | 21.5 | | 10.2 | | 10.2 | 111 | | P |
| Copper | mg/Kg | 75 - 125 | 32.2 | | 44.3 | | 15.4 | -78 | N | P |
| Iron | mg/Kg | 75 - 125 | 17900 | | 17600 | | 150 | 188 | | P |
| Lead | mg/Kg | 75 - 125 | 130 | | 72.2 | | 51.2 | 112 | | P |
| Magnesium | mg/Kg | 75 - 125 | 5160 | | 4820 | | 100 | 339 | | P |
| Manganese | mg/Kg | 75 - 125 | 424 | | 425 | | 10.2 | -7 | | P |
| Nickel | mg/Kg | 75 - 125 | 46.6 | | 17.2 | | 25.6 | 115 | | P |
| Potassium | mg/Kg | 75 - 125 | 2560 | | 1850 | | 510 | 140 | N | P |
| Selenium | mg/Kg | 75 - 125 | 78.7 | | 0.40 | J | 100 | 78 | | P |
| Silver | mg/Kg | 75 - 125 | 3.73 | | 0.59 | | 3.8 | 83 | | P |
| Sodium | mg/Kg | 75 - 125 | 509 | | 360 | | 150 | 100 | | P |
| Thallium | mg/Kg | 75 - 125 | 99.2 | | 2.08 | U | 100 | 99 | | P |
| Vanadium | mg/Kg | 75 - 125 | 48.9 | | 35.8 | | 15.4 | 85 | | P |
| Zinc | mg/Kg | 75 - 125 | 136 | | 120 | | 10.2 | 156 | | P |

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

**client:** BAPS North Bergen Development Inc. **level:** low **sdg no.:** Q2892

**contract:** BAPS03 **lab code:** ACE

**matrix:** Solid **sample id:** Q2897-01 **client id:** HD-02-08182025MS

**Percent Solids for Sample:** 87.5 **Spiked ID:** Q2897-01MS **Percent Solids for Spike Sample:** 87.5

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | mg/Kg | 80 - 120 | 0.28 | | 0.028 | | 0.28 | 89 | | CV |

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

**client:** BAPS North Bergen Development Inc. **level:** low **sdg no.:** Q2892

**contract:** BAPS03 **lab code:** ACE

**matrix:** Solid **sample id:** Q2897-01 **client id:** HD-02-08182025MSD

**Percent Solids for Sample:** 87.5 **Spiked ID:** Q2897-01MSD **Percent Solids for Spike Sample:** 87.5

| Analyte | Units | Acceptance Limit %R | MSD Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | mg/Kg | 80 - 120 | 0.28 | | 0.028 | | 0.28 | 89 | | CV |

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Matrix:** Solid **Level:** LOW **Client ID:** 1-FLOOR-NORTH-EAST-CORNER-BACK

**Sample ID:** Q2892-02 **Spiked ID:** Q2892-02A

| Analyte | Units | Acceptance Limit %R | Spiked Result | C | Sample Result | C | Spike Added | % Recovery | Qual | M |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | mg/Kg | 75 - 125 | 30.8 | | 2.59 | U | 41.5 | 74 | N | P |
| Beryllium | mg/Kg | 75 - 125 | 8.35 | | 0.88 | | 10.4 | 72 | N | P |
| Copper | mg/Kg | 75 - 125 | 54.7 | | 44.3 | | 15.6 | 66 | N | P |
| Potassium | mg/Kg | 75 - 125 | 2260 | | 1850 | | 520 | 78 | | P |

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# Metals

## - 6 -
## DUPLICATE SAMPLE SUMMARY

**Client:** BAPS North Bergen Development Inc. **Level:** LOW **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Matrix:** Solid **Sample ID:** Q2892-02 **Client ID:** 1-FLOOR-NORTH-EAST-CORNER-BA

**Percent Solids for Sample:** 90.9 **Duplicate ID** Q2892-02DUP **Percent Solids for Spike Sample:** 90.9

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 20 | 10100 | | 10000 | | 1 | | P |
| Antimony | mg/Kg | 20 | 2.59 | U | 2.56 | U | | | P |
| Arsenic | mg/Kg | 20 | 10.6 | | 10.6 | | 1 | | P |
| Barium | mg/Kg | 20 | 50.0 | | 49.4 | | 1 | | P |
| Beryllium | mg/Kg | 20 | 0.88 | | 0.87 | | 1 | | P |
| Cadmium | mg/Kg | 20 | 1.22 | | 1.19 | | 2 | | P |
| Calcium | mg/Kg | 20 | 1830 | | 1810 | | 1 | | P |
| Chromium | mg/Kg | 20 | 20.1 | | 19.9 | | 1 | | P |
| Cobalt | mg/Kg | 20 | 10.2 | | 10.0 | | 2 | | P |
| Copper | mg/Kg | 20 | 44.3 | | 43.4 | | 2 | | P |
| Iron | mg/Kg | 20 | 17600 | | 17400 | | 1 | | P |
| Lead | mg/Kg | 20 | 72.2 | | 70.9 | | 2 | | P |
| Magnesium | mg/Kg | 20 | 4820 | | 4750 | | 1 | | P |
| Manganese | mg/Kg | 20 | 425 | | 420 | | 1 | | P |
| Nickel | mg/Kg | 20 | 17.2 | | 17.0 | | 1 | | P |
| Potassium | mg/Kg | 20 | 1850 | | 1830 | | 1 | | P |
| Selenium | mg/Kg | 20 | 0.40 | J | 1.02 | U | 200.0 | | P |
| Silver | mg/Kg | 20 | 0.59 | | 0.60 | | 1 | | P |
| Sodium | mg/Kg | 20 | 360 | | 357 | | 1 | | P |
| Thallium | mg/Kg | 20 | 2.08 | U | 2.05 | U | | | P |
| Vanadium | mg/Kg | 20 | 35.8 | | 35.5 | | 1 | | P |
| Zinc | mg/Kg | 20 | 120 | | 119 | | 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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# Metals

## - 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** BAPS North Bergen Development Inc. **Level:** LOW **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Matrix:** Solid **Sample ID:** Q2892-02MS **Client ID:** 1-FLOOR-NORTH-EAST-CORNER-BA

**Percent Solids for Sample:** 90.9 **Duplicate ID** Q2892-02MSD **Percent Solids for Spike Sample:** 90.9

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | mg/Kg | 20 | 11200 | | 11400 | | 2 | | P |
| Antimony | mg/Kg | 20 | 9.51 | | 9.18 | | 4 | | P |
| Arsenic | mg/Kg | 20 | 42.5 | | 43.1 | | 1 | | P |
| Barium | mg/Kg | 20 | 63.5 | | 64.0 | | 1 | | P |
| Beryllium | mg/Kg | 20 | 8.55 | | 8.48 | | 1 | | P |
| Cadmium | mg/Kg | 20 | 11.9 | | 12.0 | | 1 | | P |
| Calcium | mg/Kg | 20 | 2030 | | 2060 | | 1 | | P |
| Chromium | mg/Kg | 20 | 37.2 | | 37.4 | | 1 | | P |
| Cobalt | mg/Kg | 20 | 21.0 | | 21.5 | | 2 | | P |
| Copper | mg/Kg | 20 | 32.3 | | 32.2 | | 0 | | P |
| Iron | mg/Kg | 20 | 17300 | | 17900 | | 3 | | P |
| Lead | mg/Kg | 20 | 128 | | 130 | | 2 | | P |
| Magnesium | mg/Kg | 20 | 5450 | | 5160 | | 5 | | P |
| Manganese | mg/Kg | 20 | 419 | | 424 | | 1 | | P |
| Nickel | mg/Kg | 20 | 44.8 | | 46.6 | | 4 | | P |
| Potassium | mg/Kg | 20 | 2830 | | 2560 | | 10 | | P |
| Selenium | mg/Kg | 20 | 79.1 | | 78.7 | | 1 | | P |
| Silver | mg/Kg | 20 | 3.73 | | 3.73 | | 0 | | P |
| Sodium | mg/Kg | 20 | 515 | | 509 | | 1 | | P |
| Thallium | mg/Kg | 20 | 99.8 | | 99.2 | | 1 | | P |
| Vanadium | mg/Kg | 20 | 49.1 | | 48.9 | | 0 | | P |
| Zinc | mg/Kg | 20 | 133 | | 136 | | 2 | | 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

## - 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** BAPS North Bergen Development Inc. **Level:** LOW **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Matrix:** Solid **Sample ID:** Q2897-01 **Client ID:** HD-02-08182025DUP

**Percent Solids for Sample:** 87.5 **Duplicate ID** Q2897-01DUP **Percent Solids for Spike Sample:** 87.5

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | mg/Kg | 20 | 0.028 | | 0.029 | | 4 | | CV |

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

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# Metals

## - 6 -

## DUPLICATE SAMPLE SUMMARY

**Client:** BAPS North Bergen Development Inc. **Level:** LOW **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Matrix:** Solid **Sample ID:** Q2897-01MS **Client ID:** HD-02-08182025MSD

**Percent Solids for Sample:** 87.5 **Duplicate ID** Q2897-01MSD **Percent Solids for Spike Sample:** 87.5

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | mg/Kg | 20 | 0.28 | | 0.28 | | 1 | | CV |

"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:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Analyte | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|---|---|---|---|---|---|---|---|
| PB169292BS | | | | | | | |
| Mercury | mg/Kg | 0.28 | 0.23 | | 84 | 80 - 120 | CV |

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## LABORATORY CONTROL SAMPLE SUMMARY

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

| Analyte | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|---|---|---|---|---|---|---|---|
| PB169304BS | | | | | | | |
| Aluminum | mg/Kg | 100 | 94.0 | | 94 | 80 - 120 | P |
| Antimony | mg/Kg | 40.0 | 38.4 | | 96 | 80 - 120 | P |
| Arsenic | mg/Kg | 40.0 | 37.7 | | 94 | 80 - 120 | P |
| Barium | mg/Kg | 10.0 | 8.87 | | 89 | 80 - 120 | P |
| Beryllium | mg/Kg | 10.0 | 9.28 | | 93 | 80 - 120 | P |
| Cadmium | mg/Kg | 10.0 | 9.01 | | 90 | 80 - 120 | P |
| Calcium | mg/Kg | 50.0 | 48.1 | J | 96 | 80 - 120 | P |
| Chromium | mg/Kg | 20.0 | 19.1 | | 96 | 80 - 120 | P |
| Cobalt | mg/Kg | 10.0 | 9.23 | | 92 | 80 - 120 | P |
| Copper | mg/Kg | 15.0 | 14.8 | | 99 | 80 - 120 | P |
| Iron | mg/Kg | 150 | 144 | | 96 | 80 - 120 | P |
| Lead | mg/Kg | 50.0 | 45.3 | | 91 | 80 - 120 | P |
| Magnesium | mg/Kg | 100 | 94.1 | J | 94 | 80 - 120 | P |
| Manganese | mg/Kg | 10.0 | 9.42 | | 94 | 80 - 120 | P |
| Nickel | mg/Kg | 25.0 | 23.2 | | 93 | 80 - 120 | P |
| Potassium | mg/Kg | 500 | 469 | | 94 | 80 - 120 | P |
| Selenium | mg/Kg | 100 | 96.2 | | 96 | 80 - 120 | P |
| Silver | mg/Kg | 3.8 | 3.56 | | 94 | 80 - 120 | P |
| Sodium | mg/Kg | 150 | 153 | | 102 | 80 - 120 | P |
| Thallium | mg/Kg | 100 | 98.9 | | 99 | 80 - 120 | P |
| Vanadium | mg/Kg | 15.0 | 14.2 | | 95 | 80 - 120 | P |
| Zinc | mg/Kg | 10.0 | 9.95 | | 100 | 80 - 120 | P |

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# Metals

## -9 -

## ICP SERIAL DILUTIONS

**SAMPLE NO.**

'LOOR-NORTH-EAST-CORNER-BACK-.

**Lab Name:** Alliance **Contract:** BAPS03

**Lab Code:** ACE **Lb No.:** lb136898 **Lab Sample ID :** Q2892-02L **SDG No.:** Q2892

**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 | 10100 | | 12100 | | 20 | | P |
| Antimony | 2.59 | U | 13.0 | U | | | P |
| Arsenic | 10.6 | | 12.4 | | 17 | | P |
| Barium | 50.0 | | 58.3 | | 17 | | P |
| Beryllium | 0.88 | | 1.13 | J | 28 | | P |
| Cadmium | 1.22 | | 0.75 | J | 38 | | P |
| Calcium | 1830 | | 2270 | | 24 | | P |
| Chromium | 20.1 | | 24.3 | | 21 | | P |
| Cobalt | 10.2 | | 9.44 | | 7 | | P |
| Copper | 44.3 | | 56.4 | | 27 | | P |
| Iron | 17600 | | 20200 | | 15 | | P |
| Lead | 72.2 | | 71.0 | | 2 | | P |
| Magnesium | 4820 | | 5950 | | 23 | | P |
| Manganese | 425 | | 523 | | 23 | | P |
| Nickel | 17.2 | | 16.6 | | 4 | | P |
| Potassium | 1850 | | 1950 | | 5 | | P |
| Selenium | 0.40 | J | 5.19 | U | 100.0 | | P |
| Silver | 0.59 | | 2.59 | U | 100.0 | | P |
| Sodium | 360 | | 375 | J | 4 | | P |
| Thallium | 2.08 | U | 10.4 | U | | | P |
| Vanadium | 35.8 | | 44.2 | | 23 | | P |
| Zinc | 120 | | 146 | | 21 | | P |

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# Metals

## -9 -

## ICP SERIAL DILUTIONS

SAMPLE NO.

HD-02-08182025L

**Lab Name:** Alliance **Contract:** BAPS03

**Lab Code:** ACE **Lb No.:** lb136873 **Lab Sample ID :** Q2897-01L **SDG No.:** Q2892

**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 |
|---|---|---|---|---|---|---|---|
| Mercury | 0.028 | | 0.075 | U | 100.0 | | CV |

# METAL PREPARATION & INSTRUMENT DATA

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# Metals
## - 11 -
## ICP INTERELEMENT CORRECTION FACTORS

**Client:** BAPS North Bergen Development Inc.

**SDG No.:** Q2892

**Contract:** BAPS03

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-Length (nm) | ICP Interelement Correction Factors For: Al | Ca | Fe | Mg | Ag |
|---|---|---|---|---|---|---|
| Aluminum | 396.100 | 0.0000000 | -0.0002060 | 0.0000000 | 0.0000000 | 0.0000000 |
| Antimony | 206.833 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic | 193.759 | 0.0000000 | 0.0000000 | -0.0000440 | 0.0000000 | 0.0000000 |
| Barium | 493.409 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium | 226.502 | 0.0000000 | 0.0000000 | 0.0000930 | 0.0000000 | 0.0000000 |
| Calcium | 373.690 | 0.0000000 | 0.0000000 | -0.0075970 | 0.0000000 | 0.0000000 |
| Chromium | 267.716 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt | 228.616 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper | 224.700 | 0.0000000 | 0.0000000 | 0.0007850 | 0.0000000 | 0.0000000 |
| Iron | 240.488 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead | 220.353 | -0.0000920 | 0.0000000 | 0.0000380 | 0.0000000 | 0.0000000 |
| Magnesium | 279.079 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.604 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090 | 0.0000000 | 0.0000000 | -0.0001440 | 0.0000000 | 0.0000000 |
| Silver | 328.068 | 0.0000000 | 0.0000000 | -0.0001490 | 0.0000000 | 0.0000000 |
| Sodium | 589.592 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.856 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium | 292.402 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc | 213.800 | 0.0000000 | 0.0000000 | 0.0001050 | 0.0000000 | 0.0000000 |

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# Metals
## - 11 -
## ICP INTERELEMENT CORRECTION FACTORS

**Client:** BAPS North Bergen Development Inc.

**SDG No.:** Q2892

**Contract:** BAPS03

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-Length (nm) | ICP Interelement Correction Factors For: As | Ba | Be | Cd | Co |
|---|---|---|---|---|---|---|
| Aluminum | 396.100 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Antimony | 206.833 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic | 193.759 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium | 493.409 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium | 226.502 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870 |
| Calcium | 373.690 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt | 228.616 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper | 224.700 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0009530 |
| Iron | 240.488 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0039600 |
| Lead | 220.353 | 0.0000000 | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000 |
| Magnesium | 279.079 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.604 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Silver | 328.068 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium | 589.592 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.856 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0054900 |
| Vanadium | 292.402 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc | 213.800 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |

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# Metals
## - 11 -
## ICP INTERELEMENT CORRECTION FACTORS

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Instrument ID:** **Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-Length (nm) | ICP Interelement Correction Factors For: Cr | Cu | K | Mn | Mo |
|---|---|---|---|---|---|---|
| Aluminum | 396.100 | 0.0000000 | 0.0000000 | 0.0000590 | 0.0000000 | 0.0396900 |
| Antimony | 206.833 | 0.0122000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic | 193.759 | -0.0029000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0004900 |
| Barium | 493.409 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0000710 | -0.0003400 |
| Cadmium | 226.502 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium | 373.690 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716 | 0.0000000 | 0.0000000 | 0.0000070 | 0.0002200 | 0.0000000 |
| Cobalt | 228.616 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0007860 |
| Copper | 224.700 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0006510 | 0.0020500 |
| Iron | 240.488 | 0.0000000 | 0.0000000 | 0.0000730 | 0.0000000 | -0.0015250 |
| Lead | 220.353 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0001400 | -0.0008600 |
| Magnesium | 279.079 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.604 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0007460 | 0.0000000 |
| Silver | 328.068 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0000120 |
| Sodium | 589.592 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.856 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0017400 | -0.0100400 |
| Vanadium | 292.402 | -0.0025100 | 0.0000000 | 0.0000000 | 0.0000000 | -0.0072000 |
| Zinc | 213.800 | 0.0000000 | 0.0009010 | 0.0000000 | 0.0000000 | 0.0000000 |

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# Metals
## - 11 -
## ICP INTERELEMENT CORRECTION FACTORS

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Instrument ID:** **Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-Length (nm) | ICP Interelement Correction Factors For: Na | Ni | Pb | Sb | Se |
|---|---|---|---|---|---|---|
| Aluminum | 396.100 | 0.0000000 | 0.0000000 | 0.0012800 | 0.0000000 | 0.0000000 |
| Antimony | 206.833 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic | 193.759 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium | 493.409 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium | 226.502 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium | 373.690 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt | 228.616 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper | 224.700 | 0.0000000 | -0.0047000 | 0.0036100 | 0.0000000 | 0.0000000 |
| Iron | 240.488 | 0.0000000 | -0.0017000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead | 220.353 | 0.0000000 | 0.0006580 | 0.0000000 | 0.0000000 | 0.0001290 |
| Magnesium | 279.079 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.604 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090 | 0.0000000 | 0.0000000 | 0.0003330 | 0.0000000 | 0.0000000 |
| Silver | 328.068 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium | 589.592 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.856 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium | 292.402 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc | 213.800 | 0.0000000 | 0.0067600 | 0.0000000 | 0.0000000 | 0.0000000 |

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# Metals
## - 11 -
## ICP INTERELEMENT CORRECTION FACTORS

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **Lab Code:** ACE

**Instrument ID:** **Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-Length (nm) | ICP Interelement Correction Factors For: Sn | Ti | Tl | V | Zn |
|---|---|---|---|---|---|---|
| Aluminum | 396.100 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Antimony | 206.833 | -0.0035600 | -0.0007970 | 0.0000000 | -0.0018900 | 0.0000000 |
| Arsenic | 193.759 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium | 493.409 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium | 226.502 | 0.0000000 | 0.0000630 | 0.0001280 | 0.0000000 | 0.0000000 |
| Calcium | 373.690 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0001110 | 0.0000000 |
| Cobalt | 228.616 | 0.0000000 | 0.0018800 | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper | 224.700 | 0.0000000 | 0.0003840 | 0.0000000 | 0.0000000 | 0.0000000 |
| Iron | 240.488 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead | 220.353 | 0.0000000 | -0.0003610 | 0.0000000 | 0.0000000 | 0.0000000 |
| Magnesium | 279.079 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel | 231.604 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Silver | 328.068 | 0.0000000 | -0.0007420 | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium | 589.592 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.856 | 0.0000000 | -0.0039700 | 0.0000000 | -0.0115600 | 0.0000000 |
| Vanadium | 292.402 | 0.0000000 | 0.0005320 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc | 213.800 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |

# METAL PREPARATION & ANALYICAL SUMMARY

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **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:** | **PB169292** | | | | | | |
| PB169292BL | PB169292BL | MB | SOLID | 08/18/2025 | 0.50 | 35.0 | 100.00 |
| PB169292BS | PB169292BS | LCS | SOLID | 08/18/2025 | 0.50 | 35.0 | 100.00 |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORNER-BACK-A | SAM | SOLID | 08/18/2025 | 0.52 | 35.0 | 90.90 |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SAM | SOLID | 08/18/2025 | 0.57 | 35.0 | 89.70 |
| Q2892-06 | BACK-1-FLOOR-CENTER-MIDDLE-C | SAM | SOLID | 08/18/2025 | 0.57 | 35.0 | 89.90 |
| Q2892-08 | 3-FLOOR-NORTH-D | SAM | SOLID | 08/18/2025 | 0.50 | 35.0 | 94.10 |
| Q2892-10 | 3-FLOOR-SOUTH-E | SAM | SOLID | 08/18/2025 | 0.53 | 35.0 | 91.60 |
| Q2892-12 | FRONT-1-FLOOR-F | SAM | SOLID | 08/18/2025 | 0.56 | 35.0 | 88.20 |
| Q2897-01DUP | HD-02-08182025DUP | DUP | SOLID | 08/18/2025 | 0.56 | 35.0 | 87.50 |
| Q2897-01MS | HD-02-08182025MS | MS | SOLID | 08/18/2025 | 0.57 | 35.0 | 87.50 |
| Q2897-01MSD | HD-02-08182025MSD | MSD | SOLID | 08/18/2025 | 0.57 | 35.0 | 87.50 |

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Fax : 908 789 8922

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

**Client:** BAPS North Bergen Development Inc. **SDG No.:** Q2892

**Contract:** BAPS03 **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:** | **PB169304** | | | | | | |
| PB169304BL | PB169304BL | MB | SOLID | 08/19/2025 | 2.00 | 100.0 | 100.00 |
| PB169304BS | PB169304BS | LCS | SOLID | 08/19/2025 | 2.00 | 100.0 | 100.00 |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORNER-BACK-A | SAM | SOLID | 08/19/2025 | 2.12 | 100.0 | 90.90 |
| Q2892-02DUP | 1-FLOOR-NORTH-EAST-CORNER-BACK-ADI | DUP | SOLID | 08/19/2025 | 2.15 | 100.0 | 90.90 |
| Q2892-02MS | 1-FLOOR-NORTH-EAST-CORNER-BACK-AM | MS | SOLID | 08/19/2025 | 2.17 | 100.0 | 90.90 |
| Q2892-02MSD | 1-FLOOR-NORTH-EAST-CORNER-BACK-AM | MSD | SOLID | 08/19/2025 | 2.15 | 100.0 | 90.90 |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | SAM | SOLID | 08/19/2025 | 2.10 | 100.0 | 89.70 |
| Q2892-06 | BACK-1-FLOOR-CENTER-MIDDLE-C | SAM | SOLID | 08/19/2025 | 2.26 | 100.0 | 89.90 |
| Q2892-08 | 3-FLOOR-NORTH-D | SAM | SOLID | 08/19/2025 | 2.20 | 100.0 | 94.10 |
| Q2892-10 | 3-FLOOR-SOUTH-E | SAM | SOLID | 08/19/2025 | 2.22 | 100.0 | 91.60 |
| Q2892-12 | FRONT-1-FLOOR-F | SAM | SOLID | 08/19/2025 | 2.40 | 100.0 | 88.20 |

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**metals**
**- 14 -**
**ANALYSIS RUN LOG**

**Client:** BAPS North Bergen Development Inc. **Contract:** BAPS03

**Lab code:** ACE **Sdg no.:** Q2892

**Instrument id number:** **Method:** **Run number:** LB136873

**Start date:** 08/19/2025 **End date:** 08/19/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1129 | HG |
| S0.2 | S0.2 | 1 | 1131 | HG |
| S2.5 | S2.5 | 1 | 1133 | HG |
| S5 | S5 | 1 | 1136 | HG |
| S7.5 | S7.5 | 1 | 1138 | HG |
| S10 | S10 | 1 | 1140 | HG |
| ICV22 | ICV22 | 1 | 1144 | HG |
| ICB22 | ICB22 | 1 | 1146 | HG |
| CCV68 | CCV68 | 1 | 1149 | HG |
| CCB68 | CCB68 | 1 | 1151 | HG |
| CRA | CRA | 1 | 1153 | HG |
| PB169292BS | PB169292BS | 1 | 1205 | HG |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORI | 1 | 1208 | HG |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | 1 | 1210 | HG |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | 1 | 1212 | HG |
| Q2892-08 | 3-FLOOR-NORTH-D | 1 | 1215 | HG |
| Q2892-10 | 3-FLOOR-SOUTH-E | 1 | 1217 | HG |
| CCV69 | CCV69 | 1 | 1219 | HG |
| CCB69 | CCB69 | 1 | 1222 | HG |
| Q2892-12 | FRONT-1-FLOOR-F | 1 | 1224 | HG |
| Q2897-01DUP | HD-02-08182025DUP | 1 | 1239 | HG |
| Q2897-01MS | HD-02-08182025MS | 1 | 1241 | HG |
| Q2897-01MSD | HD-02-08182025MSD | 1 | 1243 | HG |
| PB169292BL | PB169292BL | 1 | 1249 | HG |
| CCV70 | CCV70 | 1 | 1255 | HG |
| CCB70 | CCB70 | 1 | 1258 | HG |

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**metals**
**- 14 -**
**ANALYSIS RUN LOG**

**Client:** BAPS North Bergen Development Inc. **Contract:** BAPS03

**Lab code:** ACE **Sdg no.:** Q2892

**Instrument id number:** **Method:** **Run number:** LB136886

**Start date:** 08/19/2025 **End date:** 08/19/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1115 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1 | S1 | 1 | 1119 | 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 | 1124 | 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 | 1128 | 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 | 1132 | 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 | 1136 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01 | ICV01 | 1 | 1217 | 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 | 1223 | 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 | 1227 | 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 | 1238 | 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 | 1242 | 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 | 1246 | 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 | 1259 | 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 | 1303 | 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 | 1405 | 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 | 1409 | 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 | 1458 | 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 | 1547 | 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 | 1552 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB169304BL | PB169304BL | 1 | 1630 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB169304BS | PB169304BS | 1 | 1634 | 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 | 1638 | 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 | 1643 | 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 | 1729 | 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 | 1733 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | 1 | 1737 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-06 | BACK-1-FLOOR-CENTER-MII | 1 | 1742 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-08 | 3-FLOOR-NORTH-D | 1 | 1746 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-10 | 3-FLOOR-SOUTH-E | 1 | 1750 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-12 | FRONT-1-FLOOR-F | 1 | 1754 | 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 | 1802 | 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 | 1807 | 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**
**- 14 -**
**ANALYSIS RUN LOG**

**Client:** BAPS North Bergen Development Inc. **Contract:** BAPS03

**Lab code:** ACE **Sdg no.:** Q2892

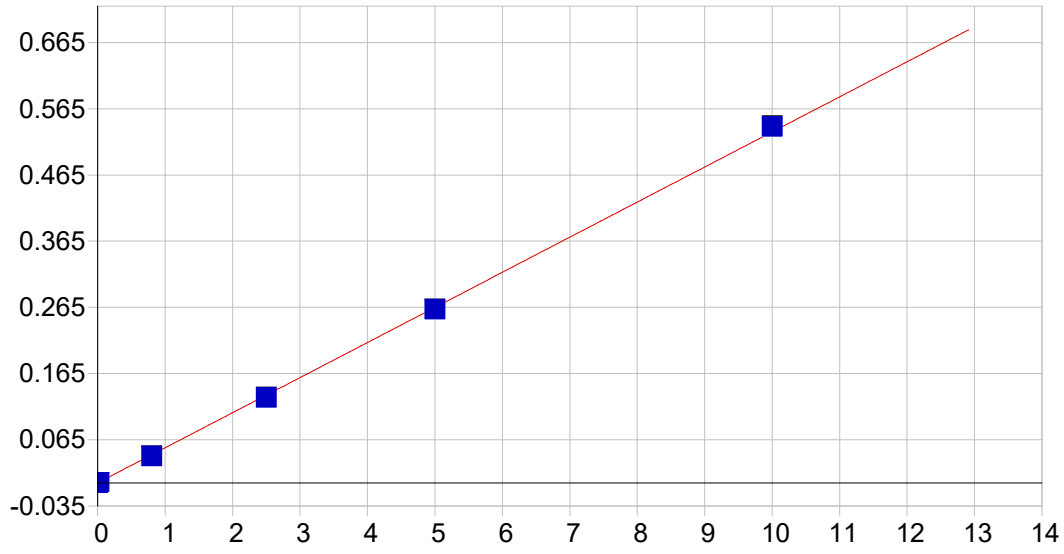
**Instrument id number:** **Method:** **Run number:** LB136898

**Start date:** 08/20/2025 **End date:** 08/20/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|---|---|---|---|---|
| S0 | S0 | 1 | 1238 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1 | S1 | 1 | 1243 | 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 | 1247 | 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 | 1251 | 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 | 1255 | 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 | 1259 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01 | ICV01 | 1 | 1304 | 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 | 1317 | 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 | 1321 | 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 | 1326 | 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 | 1330 | 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 | 1334 | 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 | 1347 | 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 | 1351 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORI | 1 | 1409 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-02DUP | 1-FLOOR-NORTH-EAST-CORI | 1 | 1415 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-02MS | 1-FLOOR-NORTH-EAST-CORI | 1 | 1423 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-02MSD | 1-FLOOR-NORTH-EAST-CORI | 1 | 1427 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-02A | 1-FLOOR-NORTH-EAST-CORI | 1 | 1431 | Be,Cu,K,Sb |
| CCV02 | CCV02 | 1 | 1439 | 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 | 1443 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2892-02L | 1-FLOOR-NORTH-EAST-CORI | 5 | 1456 | 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 | 1545 | 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 | 1549 | 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 | 1635 | 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 | 1639 | 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 | 1709 | 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 | 1713 | 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:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



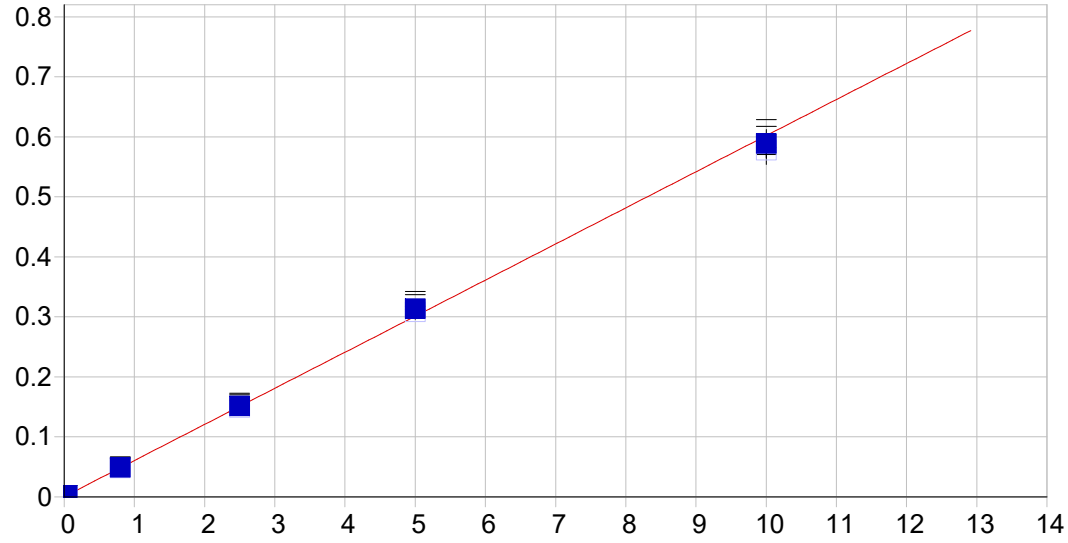

**As 189.042 {479}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000017 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.052994 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999826 | Status: | OK. |
| Std Error of Est: | 0.000023 | | |
| Predicted MDL: | 0.002011 | | |
| Predicted MQL: | 0.006703 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00002 | .000 | 1 |
| S1 | .02000 | .02061 | .001 | 3.04 | .00107 | .000 | 1 |
| S3 | 2.5000 | 2.4342 | -.066 | -2.63 | .12884 | .000 | 1 |
| S4 | 5.0000 | 4.9470 | -.053 | -1.06 | .26185 | .000 | 1 |
| S5 | 10.000 | 10.155 | .155 | 1.55 | .53754 | .001 | 1 |
| S2 | .80000 | .76352 | -.036 | -4.56 | .04040 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



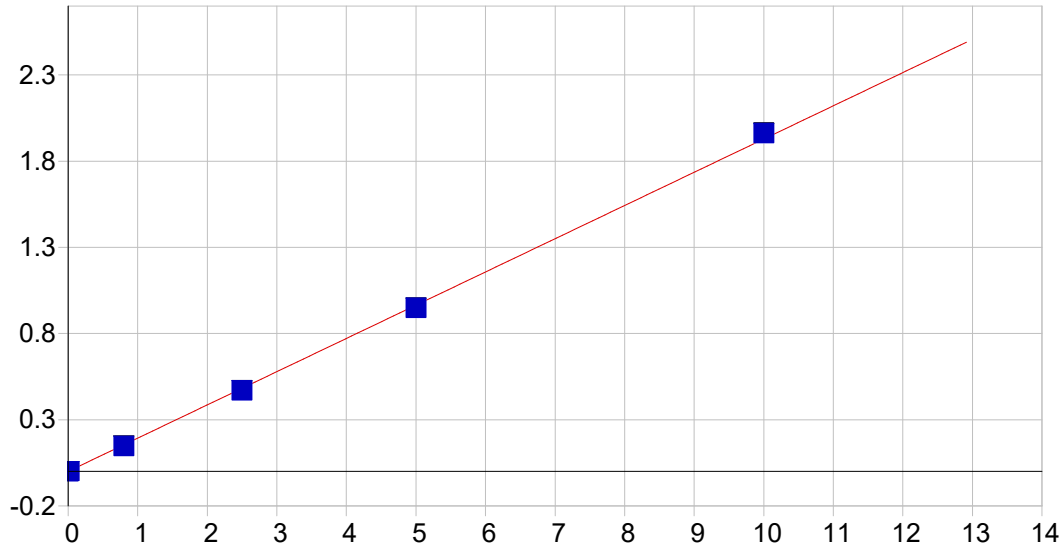

**Tl 190.856 {477}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000468 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.060134 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999614 | Status: | OK. |
| Std Error of Est: | 0.000054 | | |
| Predicted MDL: | 0.002070 | | |
| Predicted MQL: | 0.006901 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00047 | .000 | 1 |
| S1 | .04000 | .04331 | .003 | 8.28 | .00292 | .000 | 1 |
| S3 | 2.5000 | 2.5109 | .011 | .436 | .14872 | .005 | 1 |
| S4 | 5.0000 | 5.2046 | .205 | 4.09 | .30796 | .012 | 1 |
| S5 | 10.000 | 9.7779 | -.222 | -2.22 | .57749 | .024 | 1 |
| S2 | .80000 | .80350 | .003 | .437 | .04791 | .001 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



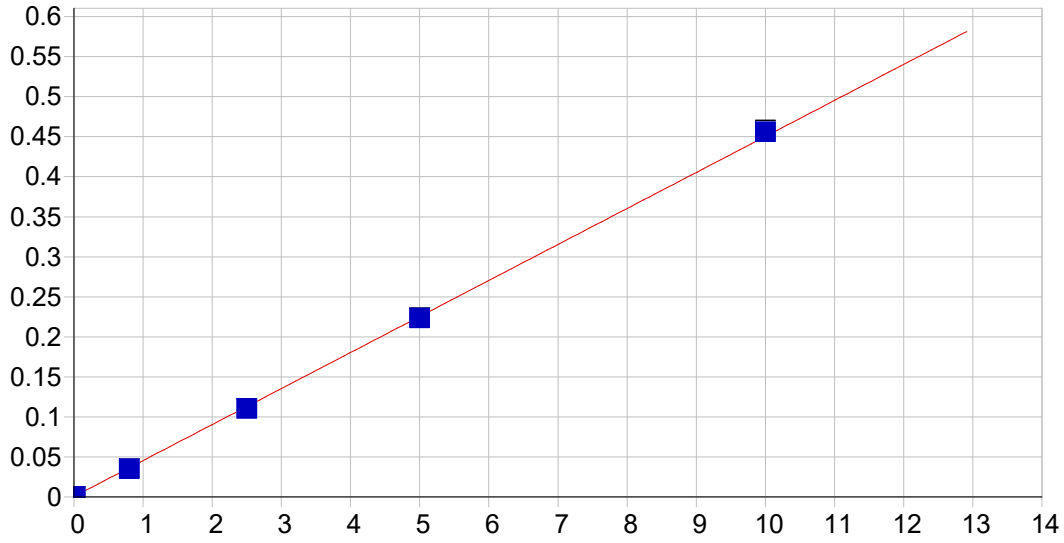

**Pb 220.353 {453}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000049 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.192868 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999796 | Status: | OK. |
| Std Error of Est: | 0.000071 | | |
| Predicted MDL: | 0.001270 | | |
| Predicted MQL: | 0.004233 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00005 | .000 | 1 |
| S1 | .01200 | .01248 | .000 | 4.00 | .00241 | .000 | 1 |
| S3 | 2.5000 | 2.4371 | -.063 | -2.52 | .46959 | .001 | 1 |
| S4 | 5.0000 | 4.9167 | -.083 | -1.67 | .94732 | .001 | 1 |
| S5 | 10.000 | 10.178 | .178 | 1.78 | 1.9611 | .002 | 1 |
| S2 | .80000 | .76764 | -.032 | -4.04 | .14794 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



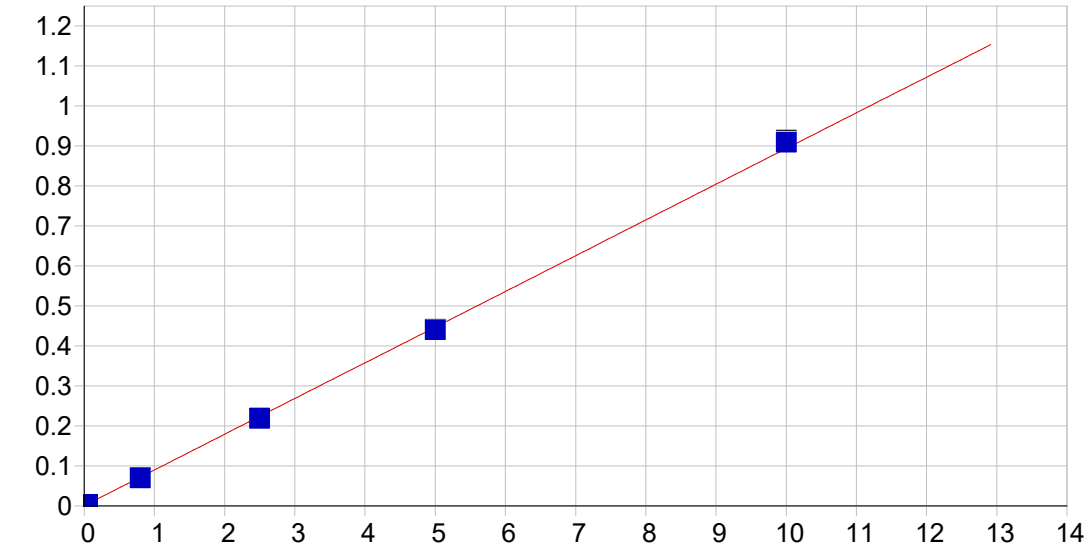

**Se 196.090 {472}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000419 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.044992 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999873 | Status: | OK. |
| Std Error of Est: | 0.000017 | | |
| Predicted MDL: | 0.002942 | | |
| Predicted MQL: | 0.009806 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00042 | .000 | 1 |
| S1 | .02000 | .01993 | -.000 | -.366 | .00132 | .000 | 1 |
| S3 | 2.5000 | 2.4404 | -.060 | -2.38 | .11019 | .000 | 1 |
| S4 | 5.0000 | 4.9588 | -.041 | -.824 | .22346 | .001 | 1 |
| S5 | 10.000 | 10.131 | .131 | 1.31 | .45612 | .002 | 1 |
| S2 | .80000 | .76952 | -.030 | -3.81 | .03503 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



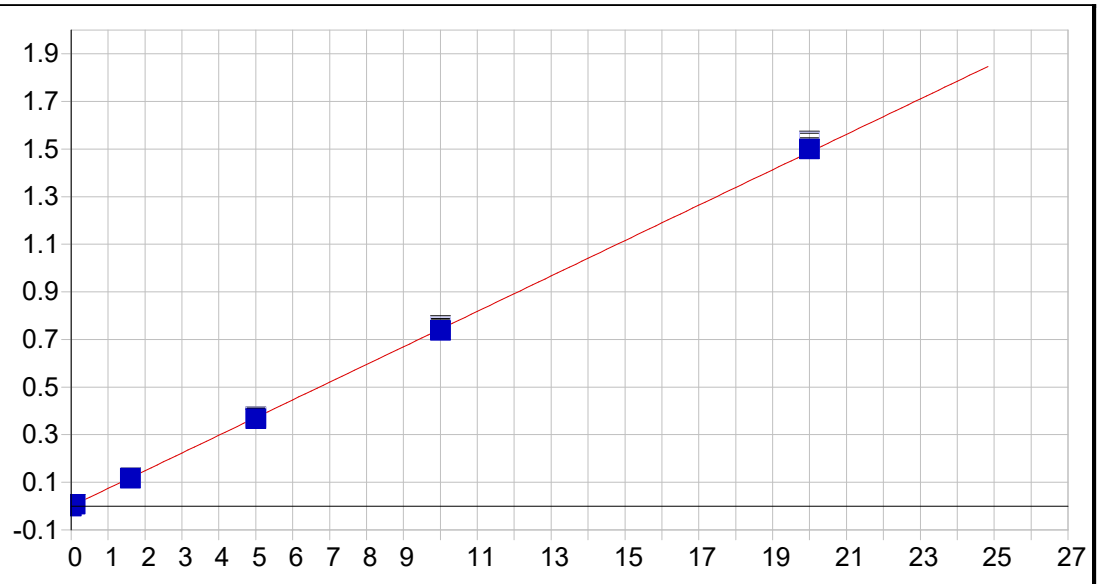

**Sb 206.833 {463}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000570 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.089309 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999813 | Status: | OK. |
| Std Error of Est: | 0.000064 | | |
| Predicted MDL: | 0.001875 | | |
| Predicted MQL: | 0.006249 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00057 | .000 | 1 |
| S1 | .05000 | .05025 | .000 | .506 | .00507 | .000 | 1 |
| S3 | 2.5000 | 2.4385 | -.061 | -2.46 | .21896 | .001 | 1 |
| S4 | 5.0000 | 4.9197 | -.080 | -1.61 | .44116 | .001 | 1 |
| S5 | 10.000 | 10.172 | .172 | 1.72 | .91144 | .003 | 1 |
| S2 | .80000 | .76968 | -.030 | -3.79 | .06950 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



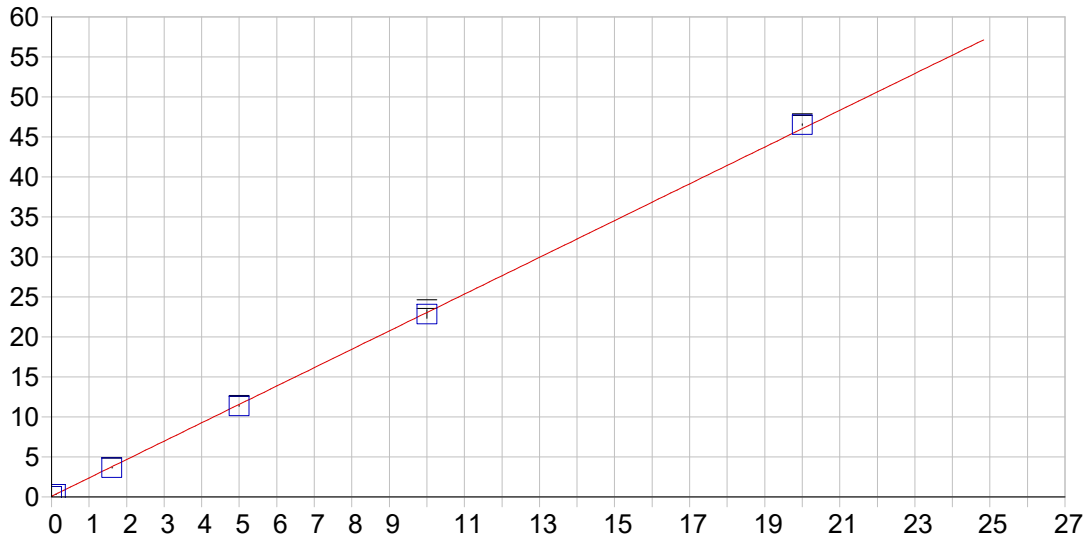

**Al 396.152 { 85}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.074374 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999950 | Status: | OK. |
| Std Error of Est: | 0.000056 | | |
| Predicted MDL: | 0.010942 | | |
| Predicted MQL: | 0.036473 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00000 | .001 | 1 |
| S1 | .10000 | .10453 | .005 | 4.53 | .00835 | .001 | 1 |
| S3 | 5.0000 | 4.9322 | -.068 | -1.36 | .37404 | .001 | 1 |
| S4 | 10.000 | 9.9228 | -.077 | -.772 | .75242 | .006 | 1 |
| S5 | 20.000 | 20.172 | .172 | .860 | 1.5291 | .004 | 1 |
| S2 | 1.6000 | 1.5681 | -.032 | -1.99 | .11894 | .001 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



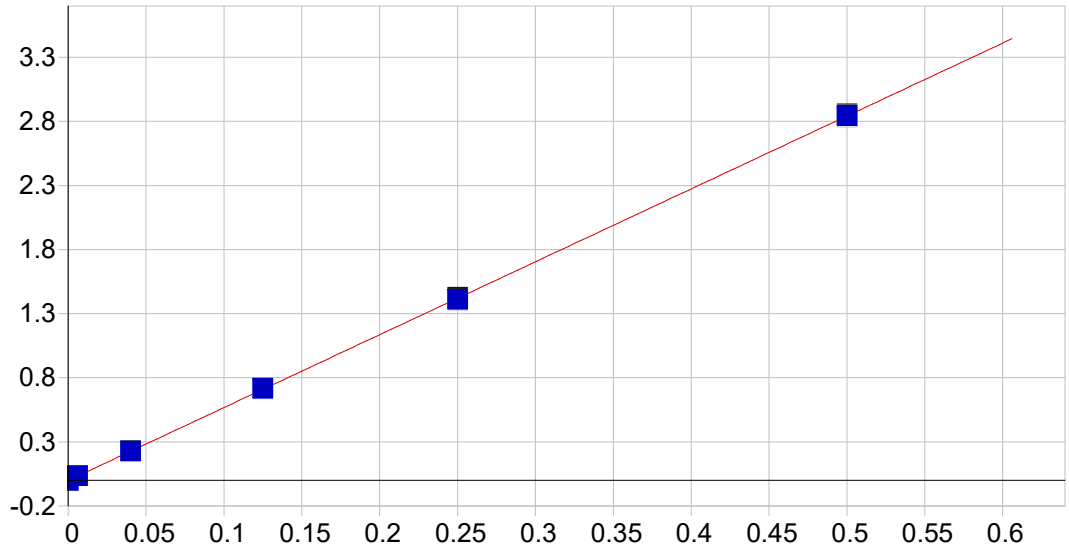

**Ba 493.409 { 68}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.081817 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.297211 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999915 | Status: | OK. |
| Std Error of Est: | 0.002222 | | |
| Predicted MDL: | 0.001004 | | |
| Predicted MQL: | 0.003346 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .08183 | .001 | 1 |
| S1 | .10000 | .09699 | -.003 | -3.01 | .30463 | .000 | 1 |
| S3 | 5.0000 | 4.9166 | -.083 | -1.67 | 11.376 | .056 | 1 |
| S4 | 10.000 | 9.9151 | -.085 | -.849 | 22.859 | .524 | 1 |
| S5 | 20.000 | 20.222 | .222 | 1.11 | 46.535 | .091 | 1 |
| S2 | 1.6000 | 1.5497 | -.050 | -3.15 | 3.6417 | .018 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



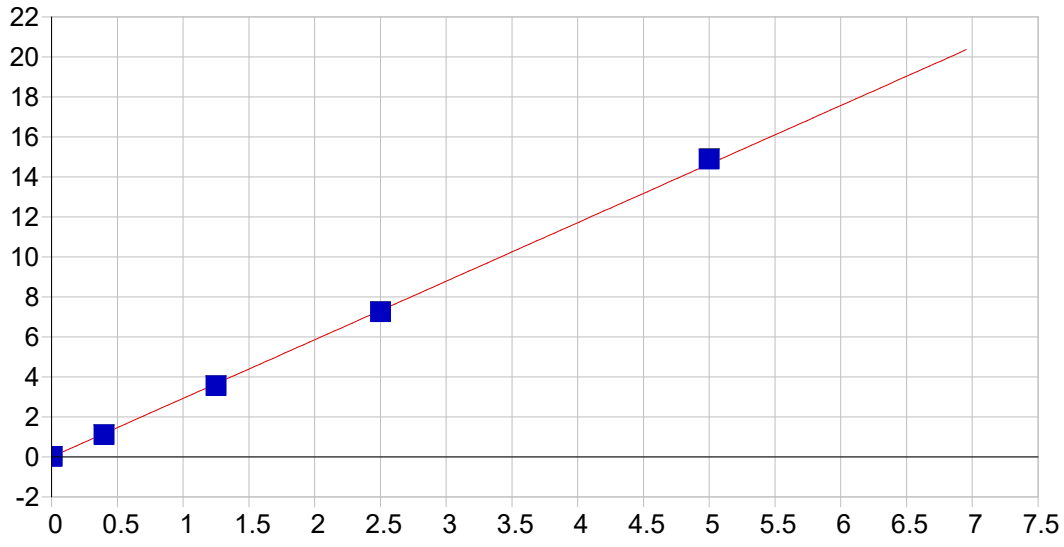

**Be 234.861 {144}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001738 | Re-Slope: | 1.000000 |
| A1 (Gain): | 5.688102 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999974 | Status: | OK. |
| Std Error of Est: | 0.000117 | | |
| Predicted MDL: | 0.000084 | | |
| Predicted MQL: | 0.000281 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00174 | .000 | 1 |
| S1 | .00600 | .00636 | .000 | 5.94 | .03416 | .001 | 1 |
| S3 | .12500 | .12608 | .001 | .862 | .71222 | .004 | 1 |
| S4 | .25000 | .24806 | -.002 | -.774 | 1.4029 | .018 | 1 |
| S5 | .50000 | .50029 | .000 | .057 | 2.8312 | .014 | 1 |
| S2 | .04000 | .04022 | .000 | .544 | .22600 | .001 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



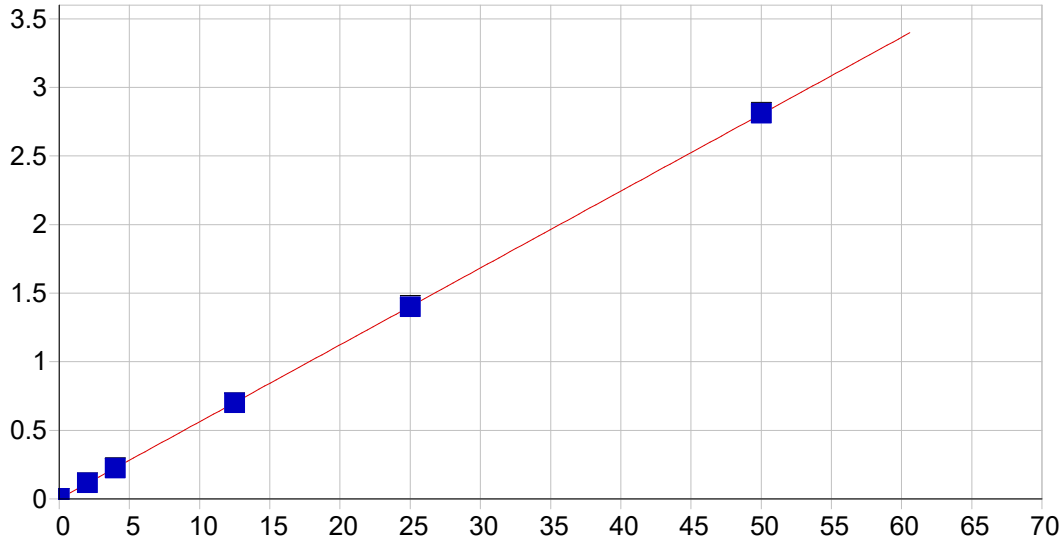

**Cd 226.502 {449}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000541 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.928210 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999775 | Status: | OK. |
| Std Error of Est: | 0.000564 | | |
| Predicted MDL: | 0.000071 | | |
| Predicted MQL: | 0.000238 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00054 | .000 | 1 |
| S1 | .00600 | .00581 | -.000 | -3.21 | .01652 | .000 | 1 |
| S3 | 1.2500 | 1.2136 | -.036 | -2.92 | 3.5554 | .005 | 1 |
| S4 | 2.5000 | 2.4762 | -.024 | -.951 | 7.2552 | .003 | 1 |
| S5 | 5.0000 | 5.0842 | .084 | 1.68 | 14.897 | .017 | 1 |
| S2 | .40000 | .37617 | -.024 | -5.96 | 1.1017 | .001 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



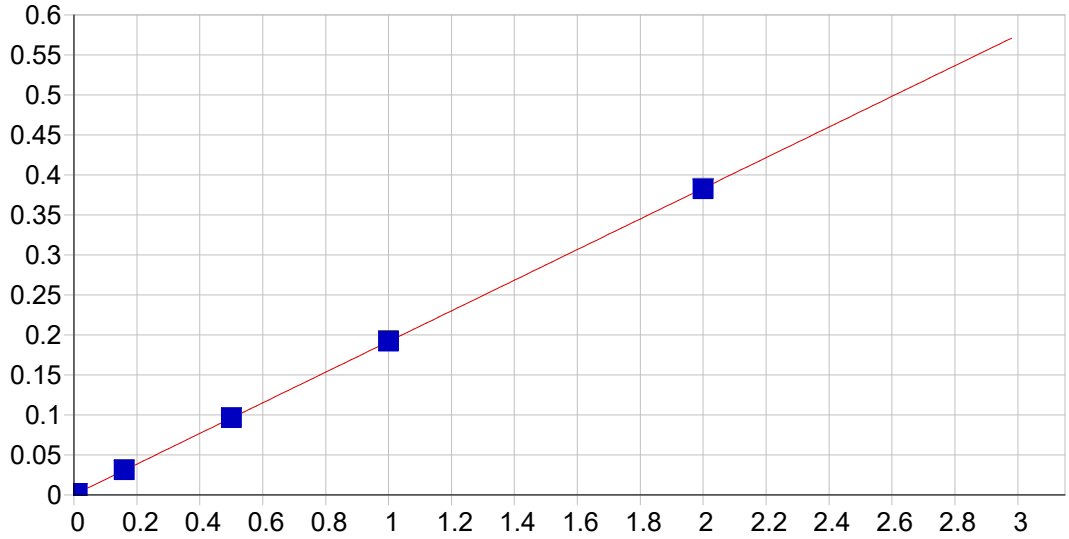

**Ca 373.690 { 90}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001933 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.056058 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999991 | Status: | OK. |
| Std Error of Est: | 0.000129 | | |
| Predicted MDL: | 0.011369 | | |
| Predicted MQL: | 0.037897 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00193 | .000 | 1 |
| S2 | 4.0000 | 3.9608 | -.039 | -.979 | .22397 | .001 | 1 |
| S3 | 12.500 | 12.452 | -.048 | -.380 | .69999 | .002 | 1 |
| S4 | 25.000 | 24.925 | -.075 | -.301 | 1.3992 | .010 | 1 |
| S5 | 50.000 | 50.125 | .125 | .251 | 2.8119 | .006 | 1 |
| S1 | 2.0000 | 2.0364 | .036 | 1.82 | .11609 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



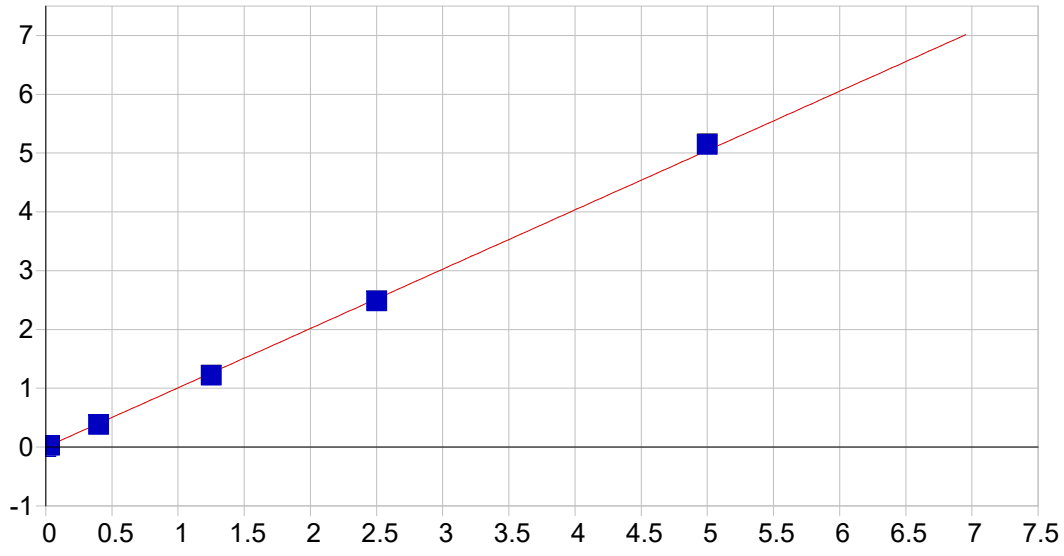

**Cr 267.716 {126}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000219 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.191534 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999995 | Status: | OK. |
| Std Error of Est: | 0.000004 | | |
| Predicted MDL: | 0.000334 | | |
| Predicted MQL: | 0.001115 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00022 | .000 | 1 |
| S1 | .01000 | .01024 | .000 | 2.36 | .00218 | .000 | 1 |
| S3 | .50000 | .50228 | .002 | .456 | .09646 | .000 | 1 |
| S4 | 1.0000 | 1.0004 | .000 | .044 | .19191 | .000 | 1 |
| S5 | 2.0000 | 1.9958 | -.004 | -.211 | .38263 | .001 | 1 |
| S2 | .16000 | .16126 | .001 | .790 | .03112 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



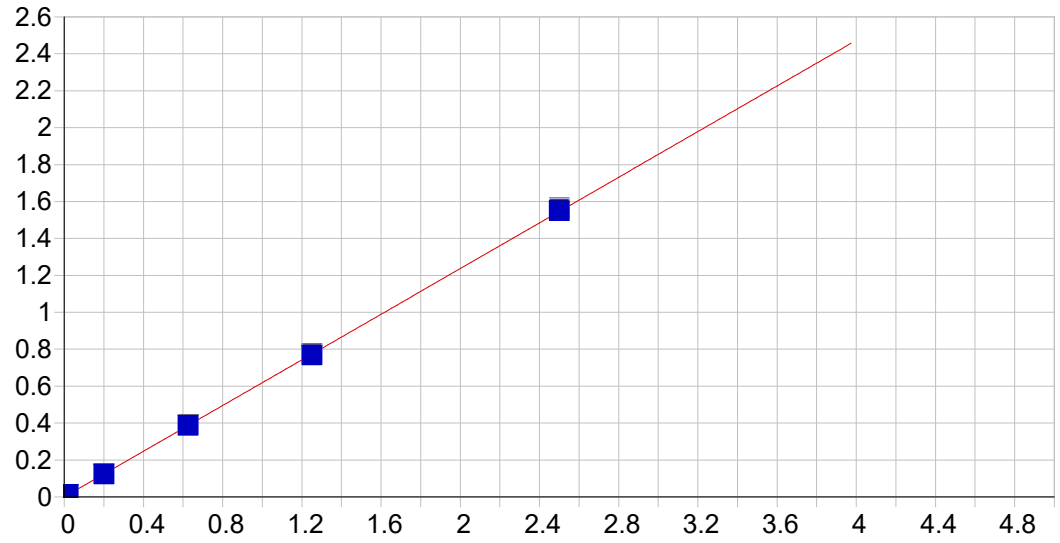

**Co 228.616 {448}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000197 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.008673 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999726 | Status: | OK. |
| Std Error of Est: | 0.000481 | | |
| Predicted MDL: | 0.000184 | | |
| Predicted MQL: | 0.000613 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00019 | .000 | 1 |
| S1 | .03000 | .02976 | -.000 | -.800 | .02969 | .000 | 1 |
| S3 | 1.2500 | 1.2098 | -.040 | -3.21 | 1.2223 | .001 | 1 |
| S4 | 2.5000 | 2.4629 | -.037 | -1.49 | 2.4883 | .002 | 1 |
| S5 | 5.0000 | 5.0996 | .100 | 1.99 | 5.1522 | .008 | 1 |
| S2 | .40000 | .37791 | -.022 | -5.52 | .38167 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



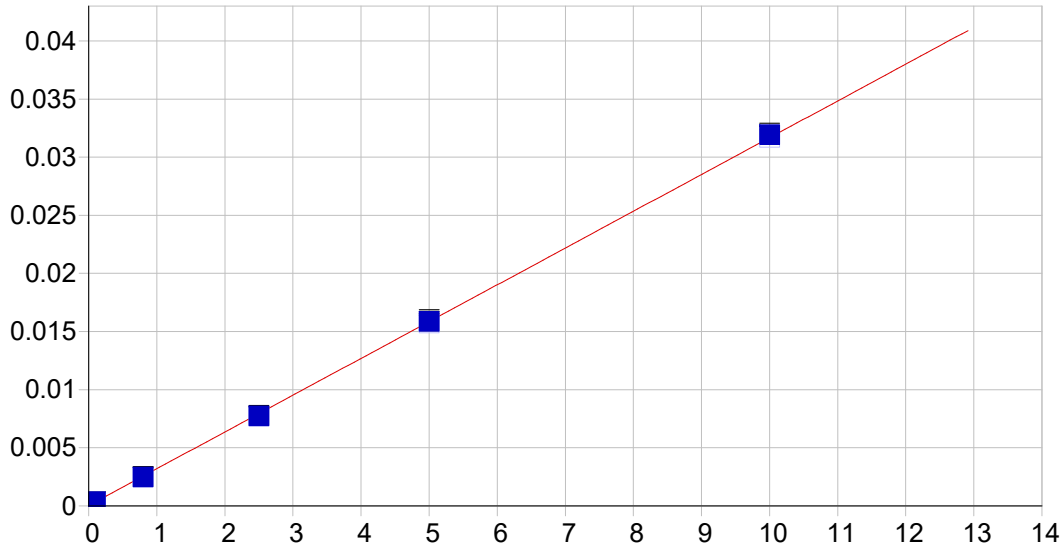

**Cu 224.700 {450}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000358 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.618292 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999986 | Status: | OK. |
| Std Error of Est: | 0.000039 | | |
| Predicted MDL: | 0.000411 | | |
| Predicted MQL: | 0.001369 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00036 | .000 | 1 |
| S1 | .02000 | .02106 | .001 | 5.32 | .01352 | .000 | 1 |
| S3 | .62500 | .62561 | .001 | .097 | .39038 | .001 | 1 |
| S4 | 1.2500 | 1.2418 | -.008 | -.659 | .77457 | .002 | 1 |
| S5 | 2.5000 | 2.5069 | .007 | .275 | 1.5632 | .003 | 1 |
| S2 | .20000 | .19970 | -.000 | -.151 | .12486 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



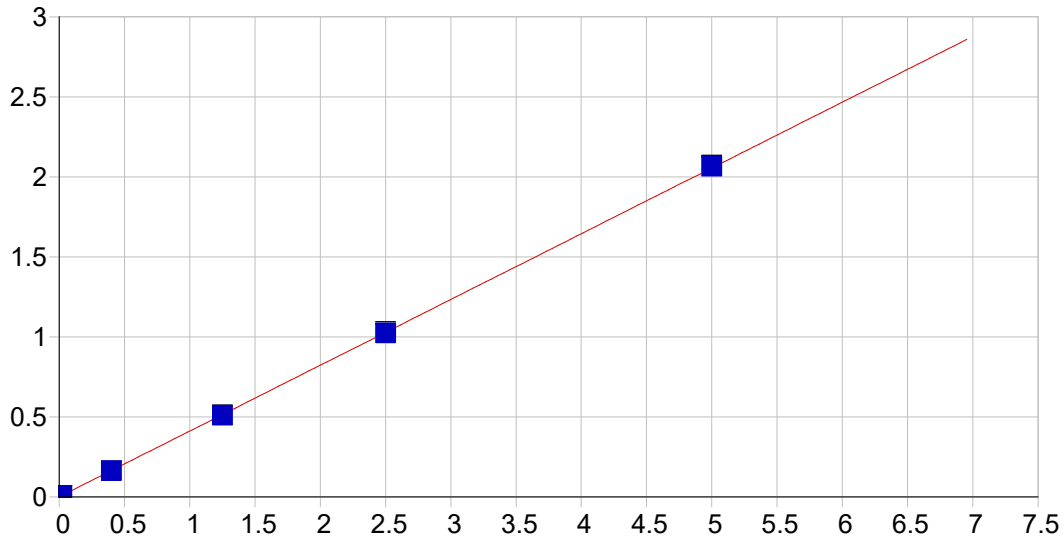

**Fe 240.488 {140}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000032 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.003164 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999913 | Status: | OK. |
| Std Error of Est: | 0.000002 | | |
| Predicted MDL: | 0.006482 | | |
| Predicted MQL: | 0.021605 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00003 | .000 | 1 |
| S1 | .10000 | .10238 | .002 | 2.38 | .00035 | .000 | 1 |
| S3 | 2.5000 | 2.4375 | -.062 | -2.50 | .00768 | .000 | 1 |
| S4 | 5.0000 | 5.0005 | .001 | .010 | .01572 | .000 | 1 |
| S5 | 10.000 | 10.085 | .085 | .852 | .03167 | .000 | 1 |
| S2 | .80000 | .77439 | -.026 | -3.20 | .00246 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



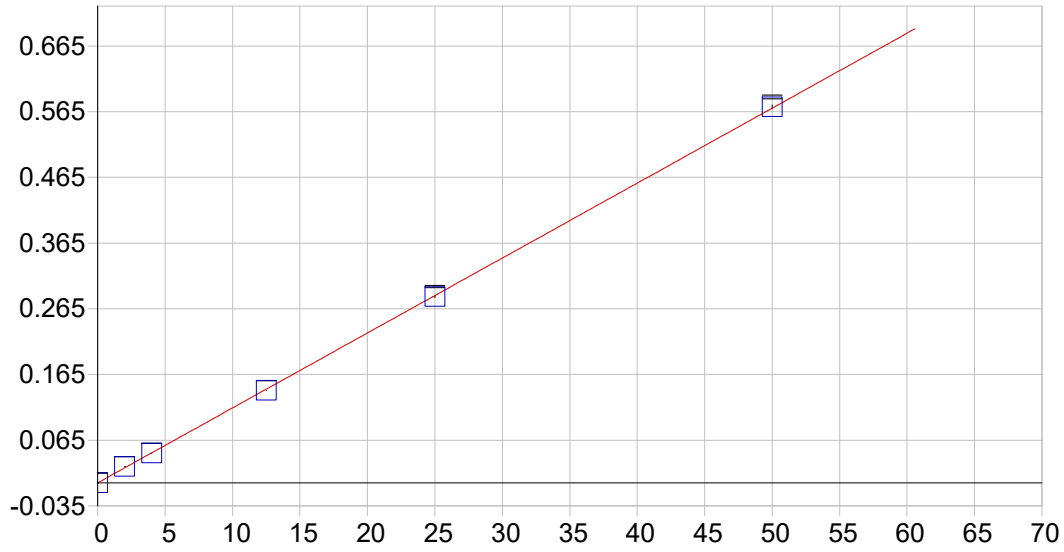

**Mn 257.610 {131}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000492 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.411051 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999985 | Status: | OK. |
| Std Error of Est: | 0.000038 | | |
| Predicted MDL: | 0.000568 | | |
| Predicted MQL: | 0.001894 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00049 | .000 | 1 |
| S1 | .02000 | .02082 | .001 | 4.09 | .00905 | .000 | 1 |
| S3 | 1.2500 | 1.2399 | -.010 | -.809 | .51025 | .002 | 1 |
| S4 | 2.5000 | 2.4897 | -.010 | -.412 | 1.0241 | .008 | 1 |
| S5 | 5.0000 | 5.0226 | .023 | .452 | 2.0654 | .008 | 1 |
| S2 | .40000 | .39700 | -.003 | -.750 | .16371 | .001 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



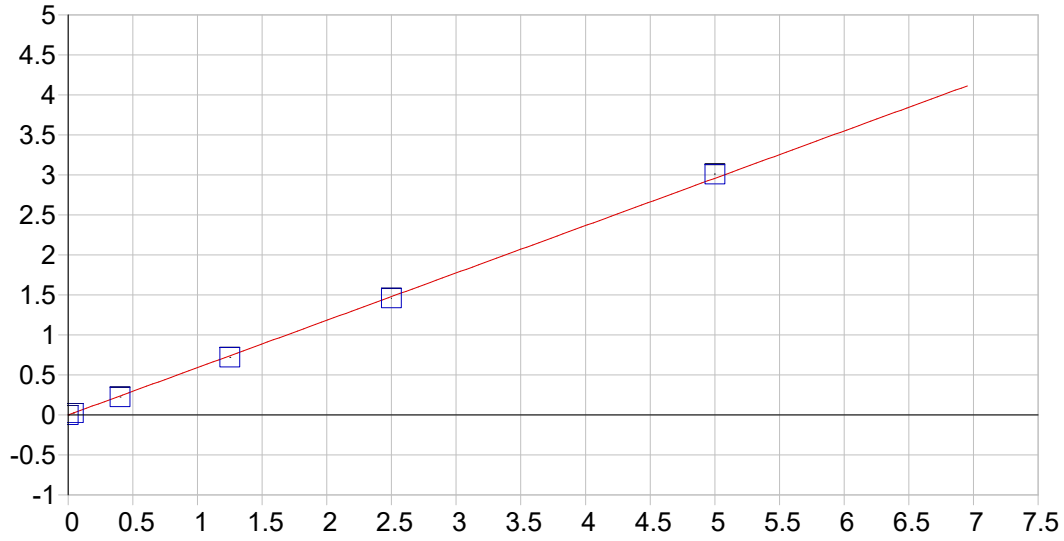

**Mg 279.079 {121}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000049 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.011406 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999889 | Status: | OK. |
| Std Error of Est: | 0.000090 | | |
| Predicted MDL: | 0.026469 | | |
| Predicted MQL: | 0.088231 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00012 | -.000 | .000 | .00005 | .000 | 1 |
| S2 | 4.0000 | 3.9522 | -.048 | -1.19 | .04513 | .000 | 1 |
| S3 | 12.500 | 12.322 | -.178 | -1.43 | .14059 | .000 | 1 |
| S4 | 25.000 | 24.866 | -.134 | -.536 | .28367 | .002 | 1 |
| S5 | 50.000 | 50.180 | .180 | .359 | .57240 | .003 | 1 |
| S1 | 2.0000 | 2.1804 | .180 | 9.02 | .02492 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



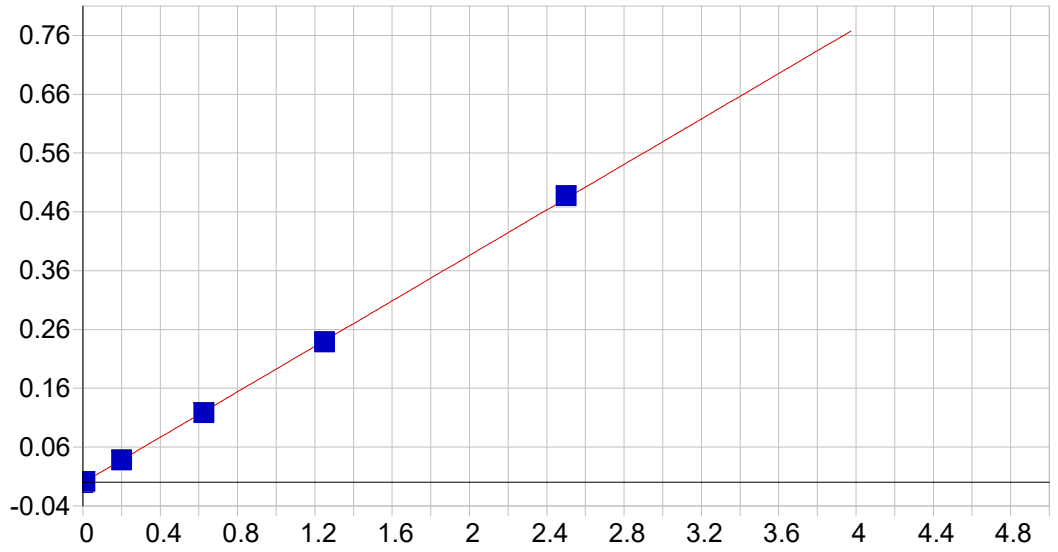

**Ni 231.604 {446}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000424 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.591638 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999796 | Status: | OK. |
| Std Error of Est: | 0.000281 | | |
| Predicted MDL: | 0.000334 | | |
| Predicted MQL: | 0.001113 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00042 | .000 | 1 |
| S1 | .04000 | .03953 | -.000 | -1.16 | .02297 | .000 | 1 |
| S3 | 1.2500 | 1.2172 | -.033 | -2.62 | .71973 | .001 | 1 |
| S4 | 2.5000 | 2.4653 | -.035 | -1.39 | 1.4582 | .001 | 1 |
| S5 | 5.0000 | 5.0869 | .087 | 1.74 | 3.0092 | .005 | 1 |
| S2 | .40000 | .38102 | -.019 | -4.74 | .22500 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



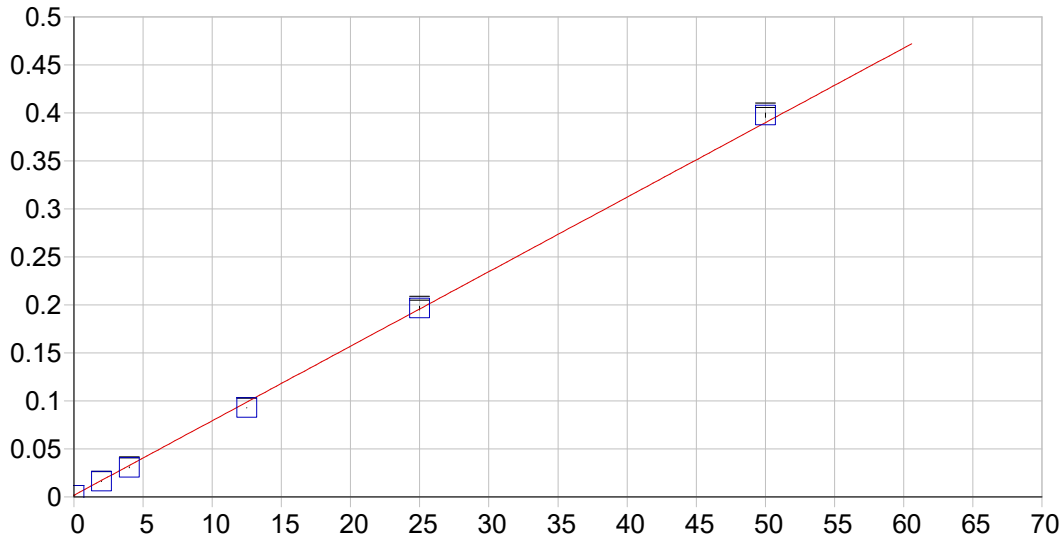

**Ag 328.068 {103}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000590 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.193311 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999948 | Status: | OK. |
| Std Error of Est: | 0.000016 | | |
| Predicted MDL: | 0.000520 | | |
| Predicted MQL: | 0.001734 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00059 | .000 | 1 |
| S1 | .01000 | .00978 | -.000 | -2.21 | .00128 | .000 | 1 |
| S3 | .62500 | .61643 | -.009 | -1.37 | .11799 | .000 | 1 |
| S4 | 1.2500 | 1.2380 | -.012 | -.956 | .23757 | .001 | 1 |
| S5 | 2.5000 | 2.5229 | .023 | .914 | .48476 | .000 | 1 |
| S2 | .20000 | .19789 | -.002 | -1.05 | .03748 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



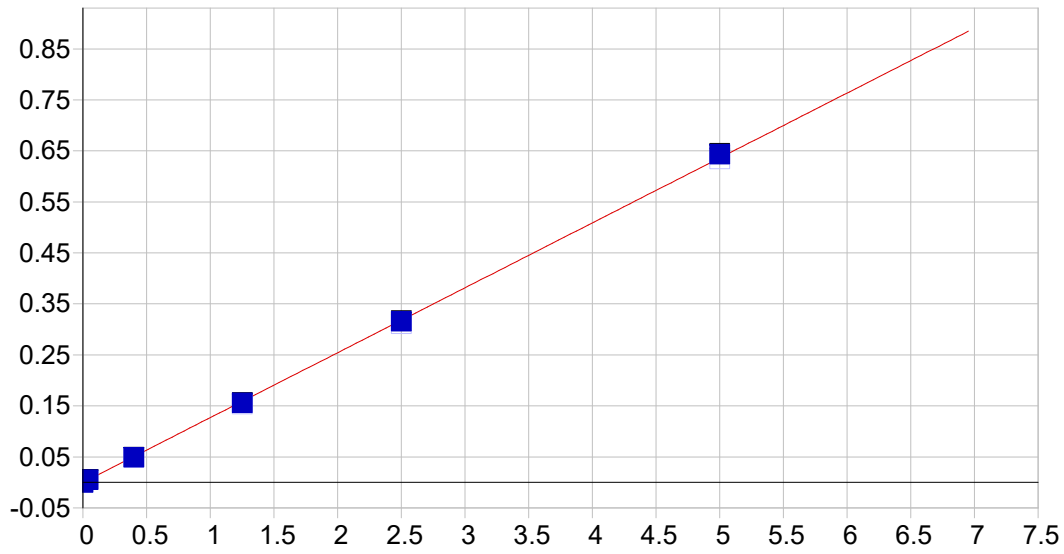

**Na 589.592 { 57}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001722 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.007763 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999513 | Status: | OK. |
| Std Error of Est: | 0.000128 | | |
| Predicted MDL: | 0.018393 | | |
| Predicted MQL: | 0.061310 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00032 | .000 | .000 | .00172 | .000 | 1 |
| S2 | 4.0000 | 3.7447 | -.255 | -6.38 | .03079 | .000 | 1 |
| S3 | 12.500 | 11.743 | -.757 | -6.05 | .09289 | .000 | 1 |
| S4 | 25.000 | 25.119 | .119 | .477 | .19672 | .002 | 1 |
| S5 | 50.000 | 51.017 | 1.02 | 2.03 | .39777 | .002 | 1 |
| S1 | 2.0000 | 1.8763 | -.124 | -6.18 | .01629 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



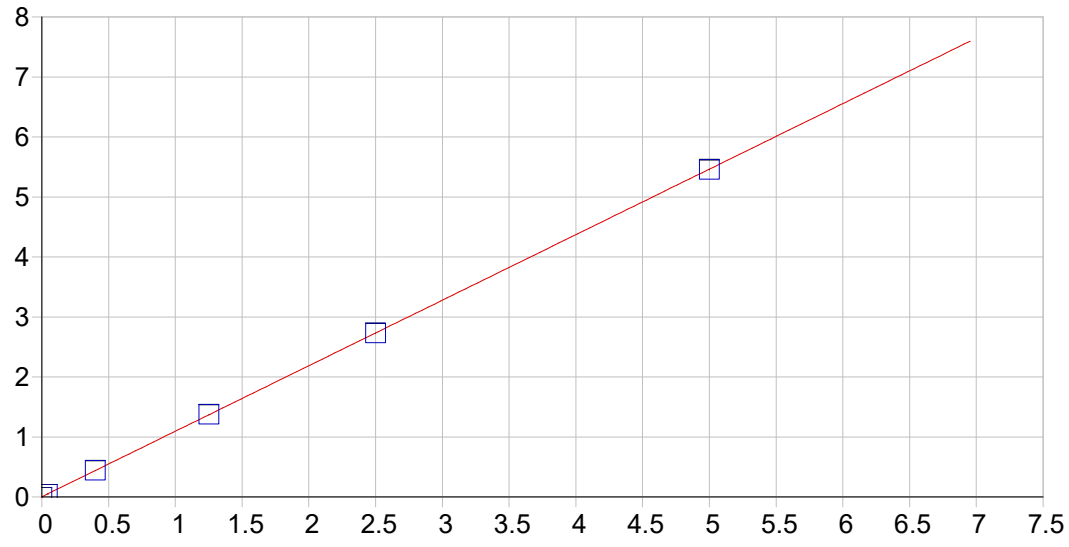

**V 292.402 {115}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000289 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.127279 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999902 | Status: | OK. |
| Std Error of Est: | 0.000041 | | |
| Predicted MDL: | 0.002797 | | |
| Predicted MQL: | 0.009322 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00029 | .000 | 1 |
| S1 | .04000 | .04194 | .002 | 4.86 | .00486 | .000 | 1 |
| S3 | 1.2500 | 1.2240 | -.026 | -2.08 | .15318 | .001 | 1 |
| S4 | 2.5000 | 2.4819 | -.018 | -.723 | .31097 | .002 | 1 |
| S5 | 5.0000 | 5.0546 | .055 | 1.09 | .63378 | .002 | 1 |
| S2 | .40000 | .38751 | -.012 | -3.12 | .04829 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



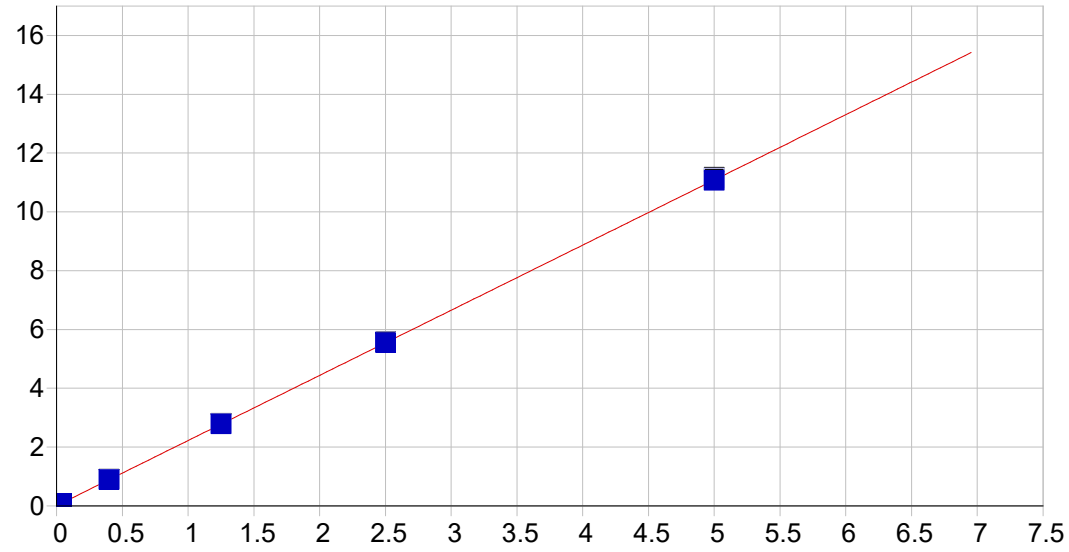

**Zn 206.200 {464}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002549 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.092006 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999996 | Status: | OK. |
| Std Error of Est: | 0.000076 | | |
| Predicted MDL: | 0.000139 | | |
| Predicted MQL: | 0.000464 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00255 | .000 | 1 |
| S1 | .04000 | .04117 | .001 | 2.93 | .04751 | .000 | 1 |
| S3 | 1.2500 | 1.2563 | .006 | .507 | 1.3745 | .001 | 1 |
| S4 | 2.5000 | 2.4965 | -.004 | -.141 | 2.7287 | .002 | 1 |
| S5 | 5.0000 | 4.9948 | -.005 | -.103 | 5.4569 | .007 | 1 |
| S2 | .40000 | .40118 | .001 | .295 | .44064 | .001 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



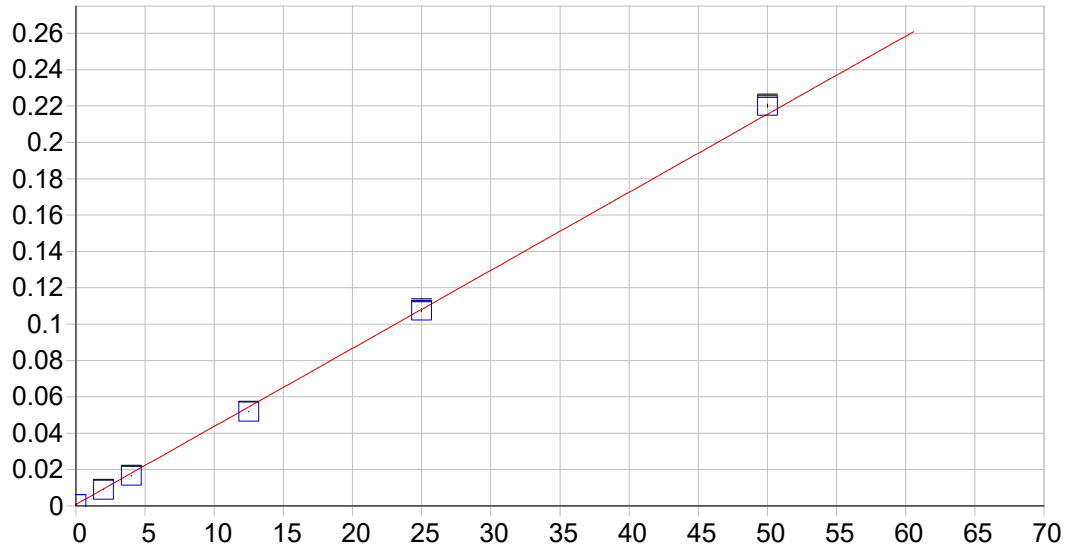

**Zn 213.856 {158}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.006373 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.216373 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999996 | Status: | OK. |
| Std Error of Est: | 0.000150 | | |
| Predicted MDL: | 0.000243 | | |
| Predicted MQL: | 0.000809 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00637 | .000 | 1 |
| S1 | .04000 | .04141 | .001 | 3.54 | .09878 | .001 | 1 |
| S3 | 1.2500 | 1.2528 | .003 | .222 | 2.8023 | .010 | 1 |
| S4 | 2.5000 | 2.5010 | .001 | .039 | 5.5880 | .002 | 1 |
| S5 | 5.0000 | 4.9928 | -.007 | -.143 | 11.149 | .024 | 1 |
| S2 | .40000 | .40200 | .002 | .499 | .90352 | .003 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



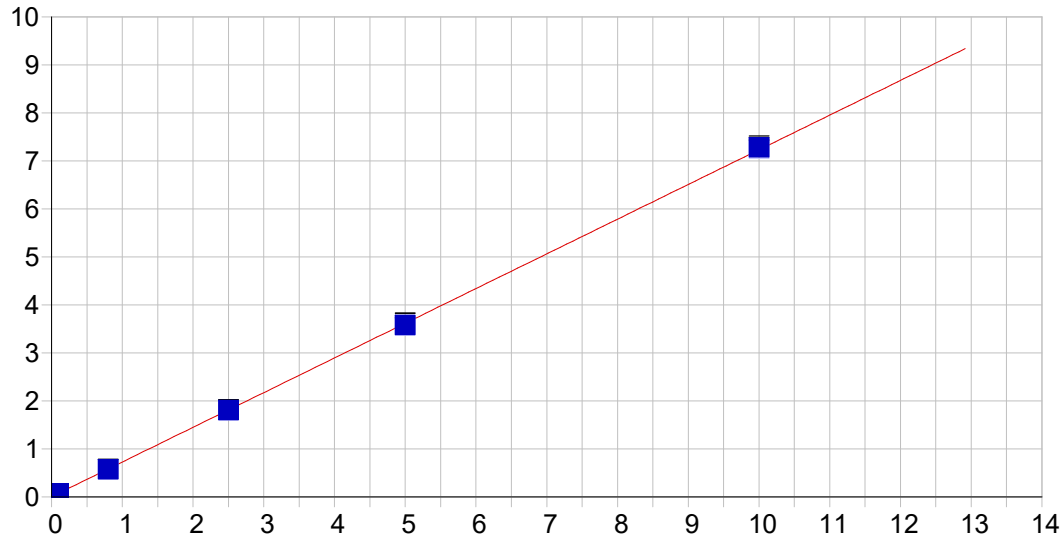

**K 766.490 { 44}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000816 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.004293 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999556 | Status: | OK. |
| Std Error of Est: | 0.000068 | | |
| Predicted MDL: | 0.039773 | | |
| Predicted MQL: | 0.132577 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00032 | .000 | .000 | .00082 | .000 | 1 |
| S2 | 4.0000 | 3.6923 | -.308 | -7.69 | .01667 | .000 | 1 |
| S3 | 12.500 | 11.906 | -.594 | -4.75 | .05193 | .000 | 1 |
| S4 | 25.000 | 24.884 | -.116 | -.462 | .10765 | .001 | 1 |
| S5 | 50.000 | 51.121 | 1.12 | 2.24 | .22030 | .001 | 1 |
| S1 | 2.0000 | 1.8959 | -.104 | -5.20 | .00896 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



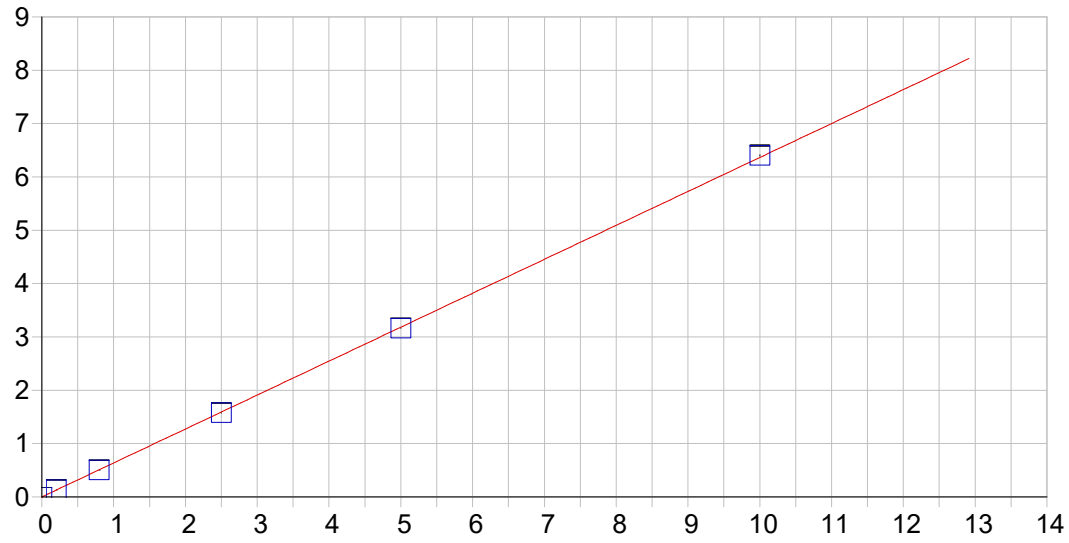

**B 249.678 {135}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.004366 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.722719 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999968 | Status: | OK. |
| Std Error of Est: | 0.000303 | | |
| Predicted MDL: | 0.000726 | | |
| Predicted MQL: | 0.002419 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00437 | .001 | 1 |
| S1 | .10000 | .10118 | .001 | 1.18 | .07706 | .000 | 1 |
| S3 | 2.5000 | 2.4941 | -.006 | -.238 | 1.8004 | .010 | 1 |
| S4 | 5.0000 | 4.9477 | -.052 | -1.05 | 3.5671 | .046 | 1 |
| S5 | 10.000 | 10.068 | .068 | .677 | 7.2544 | .035 | 1 |
| S2 | .80000 | .78938 | -.011 | -1.33 | .57278 | .003 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



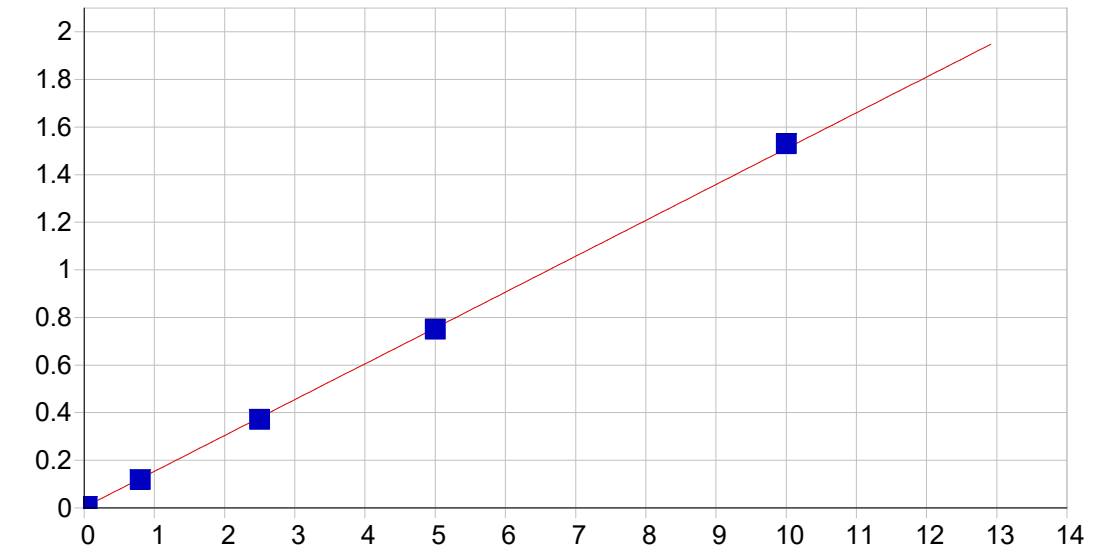

**Mo 202.030 {467}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000443 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.636379 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999973 | Status: | OK. |
| Std Error of Est: | 0.000351 | | |
| Predicted MDL: | 0.000252 | | |
| Predicted MQL: | 0.000841 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00044 | .000 | 1 |
| S1 | .20000 | .20468 | .005 | 2.34 | .13070 | .000 | 1 |
| S3 | 2.5000 | 2.4743 | -.026 | -1.03 | 1.5751 | .003 | 1 |
| S4 | 5.0000 | 4.9710 | -.029 | -.579 | 3.1639 | .003 | 1 |
| S5 | 10.000 | 10.060 | .060 | .596 | 6.4022 | .009 | 1 |
| S2 | .80000 | .79031 | -.010 | -1.21 | .50338 | .001 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



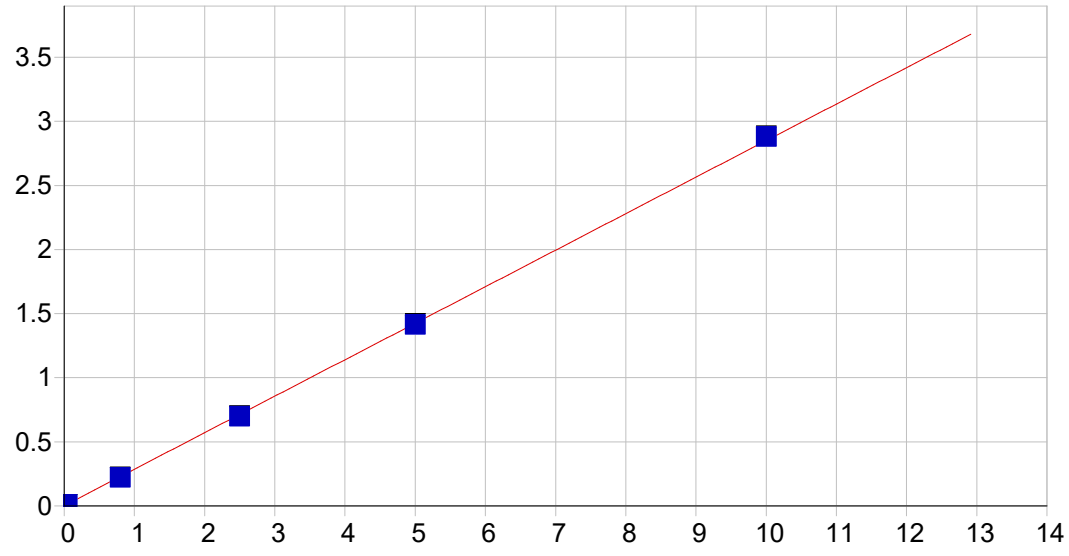

**Sn 189.989 {478}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002826 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.150633 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999858 | Status: | OK. |
| Std Error of Est: | 0.000084 | | |
| Predicted MDL: | 0.000588 | | |
| Predicted MQL: | 0.001960 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .00283 | .000 | 1 |
| S1 | .04000 | .03655 | -.003 | -8.62 | .00833 | .000 | 1 |
| S3 | 2.5000 | 2.4470 | -.053 | -2.12 | .37105 | .000 | 1 |
| S4 | 5.0000 | 4.9575 | -.043 | -.851 | .74881 | .002 | 1 |
| S5 | 10.000 | 10.135 | .135 | 1.35 | 1.5279 | .001 | 1 |
| S2 | .80000 | .76411 | -.036 | -4.49 | .11780 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



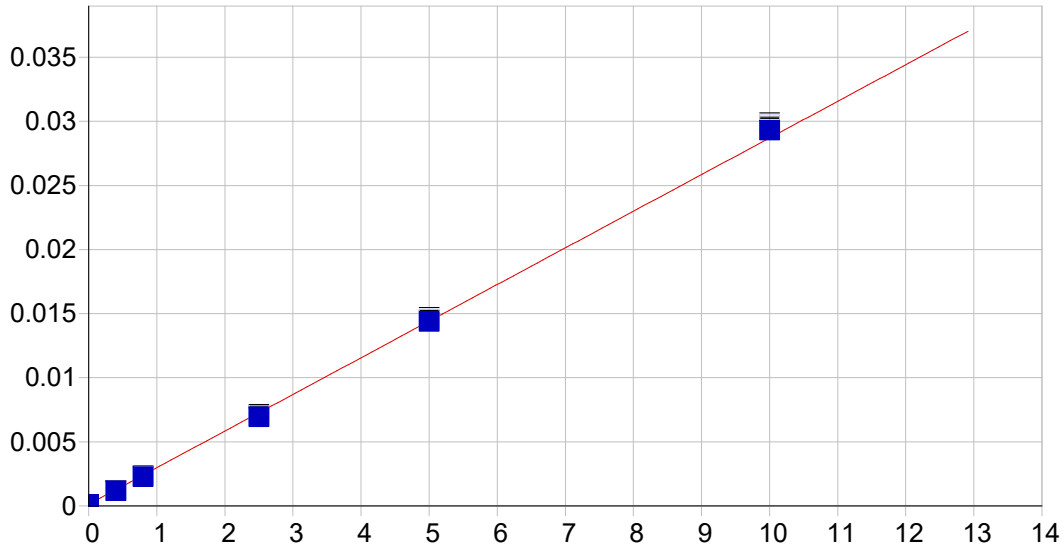

**Ti 336.121 {100}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001235 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.284881 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999917 | Status: | OK. |
| Std Error of Est: | 0.000121 | | |
| Predicted MDL: | 0.001619 | | |
| Predicted MQL: | 0.005396 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00124 | .000 | 1 |
| S1 | .04000 | .03873 | -.001 | -3.19 | .01226 | .000 | 1 |
| S3 | 2.5000 | 2.4501 | -.050 | -2.00 | .69896 | .004 | 1 |
| S4 | 5.0000 | 4.9618 | -.038 | -.764 | 1.4142 | .008 | 1 |
| S5 | 10.000 | 10.109 | .109 | 1.09 | 2.8802 | .005 | 1 |
| S2 | .80000 | .77990 | -.020 | -2.51 | .22333 | .001 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



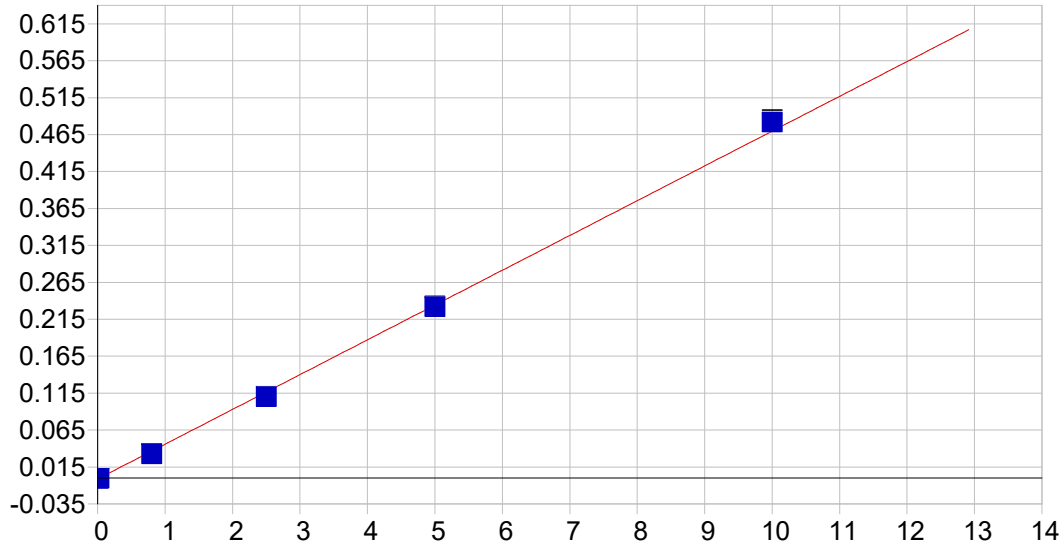

**Si 288.158 {117}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000122 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.002859 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999611 | Status: | OK. |
| Std Error of Est: | 0.000009 | | |
| Predicted MDL: | 0.012809 | | |
| Predicted MQL: | 0.042697 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00007 | .000 | .000 | .00012 | .000 | 1 |
| S1 | .40000 | .36558 | -.034 | -8.60 | .00117 | .000 | 1 |
| S3 | 2.5000 | 2.3855 | -.115 | -4.58 | .00705 | .000 | 1 |
| S4 | 5.0000 | 4.9858 | -.014 | -.284 | .01459 | .000 | 1 |
| S5 | 10.000 | 10.207 | .207 | 2.07 | .02973 | .000 | 1 |
| S2 | .80000 | .75582 | -.044 | -5.52 | .00232 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



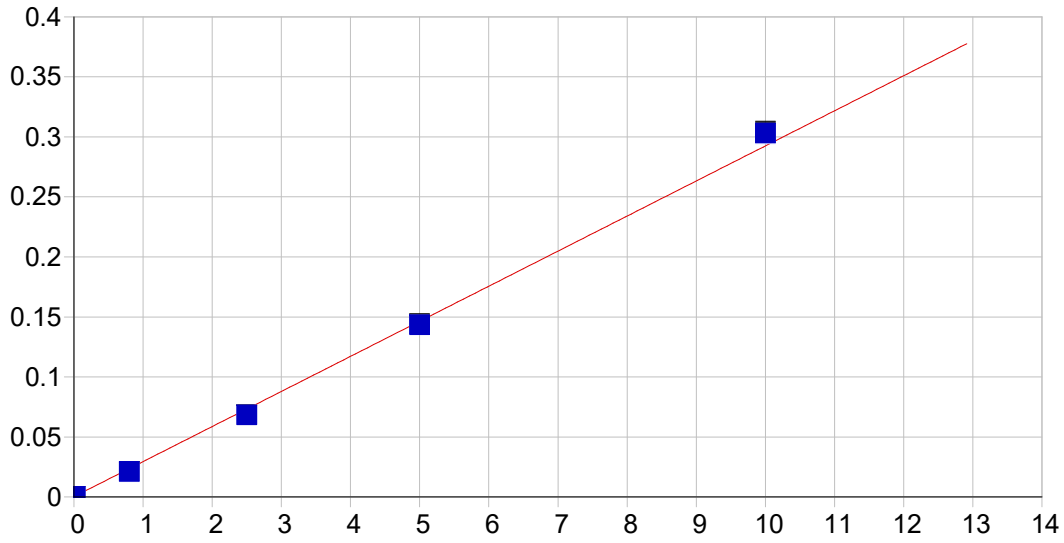

**P 177.495 {490}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001266 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.047098 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999401 | Status: | OK. |
| Std Error of Est: | 0.000038 | | |
| Predicted MDL: | 0.001584 | | |
| Predicted MQL: | 0.005279 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00127 | .000 | 1 |
| S1 | .02000 | .01857 | -.001 | -7.16 | -.00039 | .000 | 1 |
| S3 | 2.5000 | 2.3675 | -.133 | -5.30 | .11022 | .000 | 1 |
| S4 | 5.0000 | 4.9497 | -.050 | -1.01 | .23182 | .001 | 1 |
| S5 | 10.000 | 10.262 | .262 | 2.62 | .48196 | .003 | 1 |
| S2 | .80000 | .72272 | -.077 | -9.66 | .03277 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



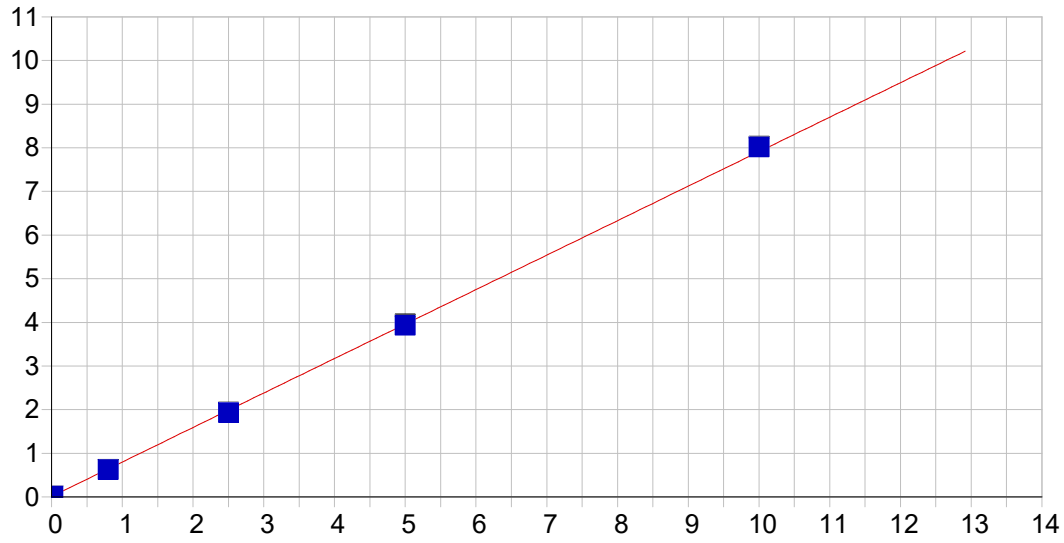

**S 182.034 {485}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000263 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.029228 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998988 | Status: | OK. |
| Std Error of Est: | 0.000031 | | |
| Predicted MDL: | 0.002727 | | |
| Predicted MQL: | 0.009089 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00026 | .000 | 1 |
| S1 | .02000 | .01891 | -.001 | -5.44 | .00079 | .000 | 1 |
| S3 | 2.5000 | 2.3308 | -.169 | -6.77 | .06820 | .000 | 1 |
| S4 | 5.0000 | 4.8995 | -.100 | -2.01 | .14309 | .001 | 1 |
| S5 | 10.000 | 10.362 | .362 | 3.62 | .30235 | .002 | 1 |
| S2 | .80000 | .70911 | -.091 | -11.4 | .02093 | .000 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



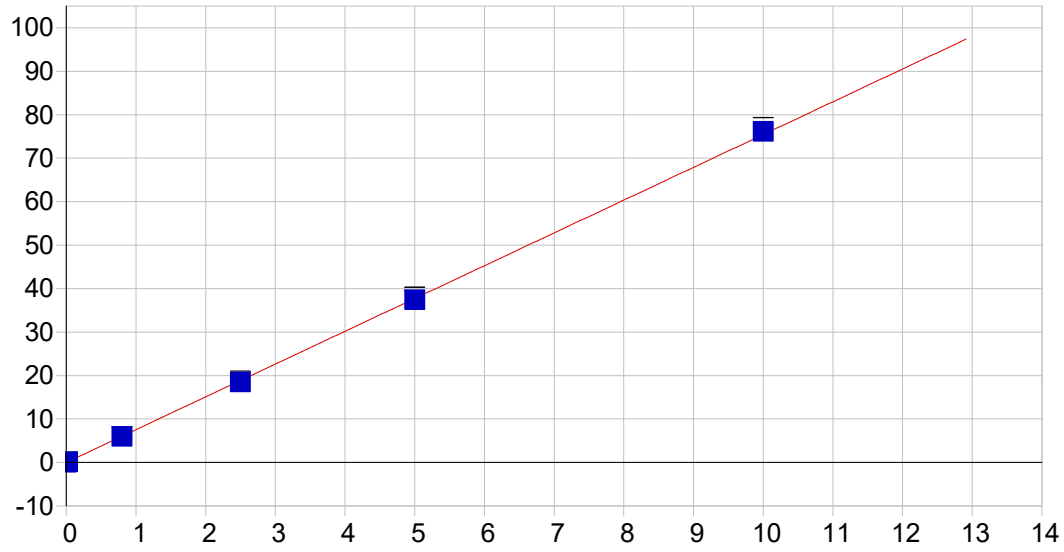

**Li 670.784 { 50}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.010399 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.790100 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999879 | Status: | OK. |
| Std Error of Est: | 0.000288 | | |
| Predicted MDL: | 0.001907 | | |
| Predicted MQL: | 0.006356 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .01040 | .001 | 1 |
| S5 | 10.000 | 10.128 | .128 | 1.28 | 8.0192 | .017 | 1 |
| S4 | 5.0000 | 4.9629 | -.037 | -.741 | 3.9348 | .027 | 1 |
| S3 | 2.5000 | 2.4317 | -.068 | -2.73 | 1.9332 | .007 | 1 |
| S1 | .02000 | .01919 | -.001 | -4.04 | .02584 | .001 | 1 |
| S2 | .80000 | .77780 | -.022 | -2.77 | .62545 | .003 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886



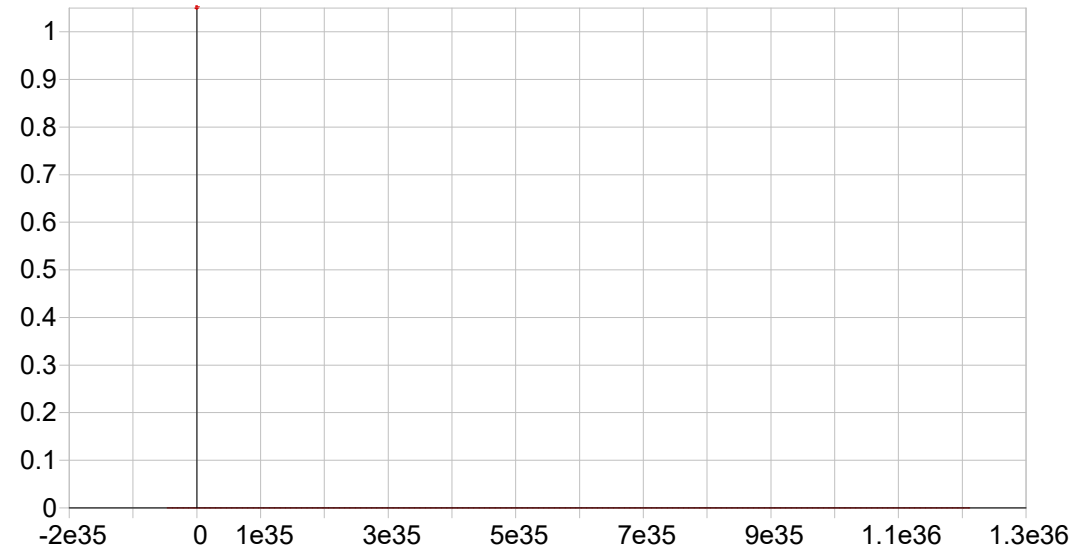

**Sr 407.771 { 83}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000110 | Re-Slope: | 1.000000 |
| A1 (Gain): | 7.542963 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999937 | Status: | OK. |
| Std Error of Est: | 0.001979 | | |
| Predicted MDL: | 0.000104 | | |
| Predicted MQL: | 0.000348 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00010 | .000 | 1 |
| S1 | .02000 | .01976 | -.000 | -1.18 | .14969 | .002 | 1 |
| S3 | 2.5000 | 2.4510 | -.049 | -1.96 | 18.506 | .224 | 1 |
| S4 | 5.0000 | 4.9645 | -.035 | -.709 | 37.483 | .579 | 1 |
| S5 | 10.000 | 10.096 | .096 | .960 | 76.226 | .889 | 1 |
| S2 | .80000 | .78862 | -.011 | -1.42 | 5.9542 | .021 | 1 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

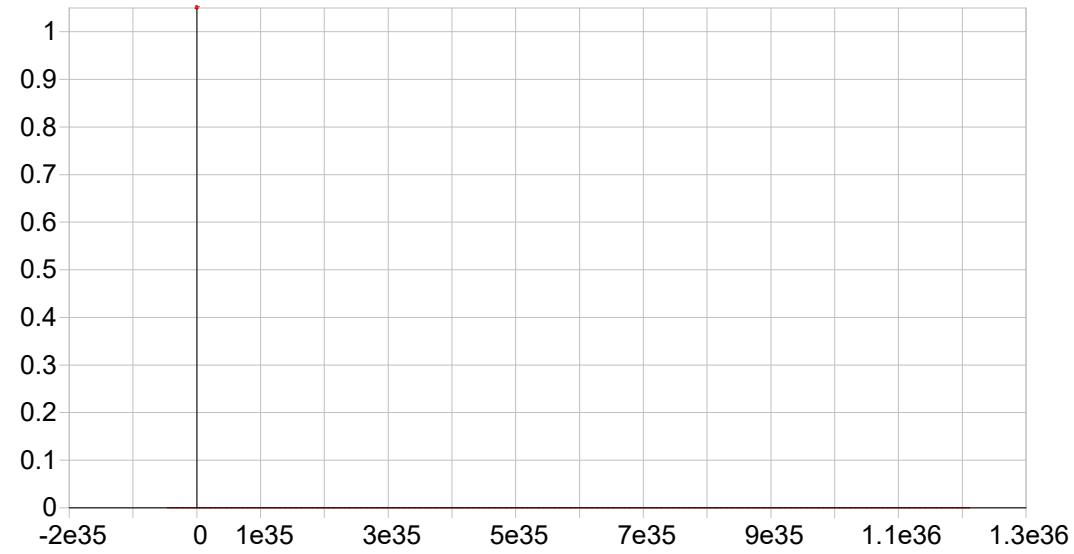



**Y 224.306 {450}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/19/2025 12:21:05 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.000000 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.000000 | Status: | Warning Zero Gain |
| Std Error of Est: | 0.000000 | | |
| Predicted MDL: | n/a | | |
| Predicted MQL: | n/a | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|




**Y 360.073 { 94}***

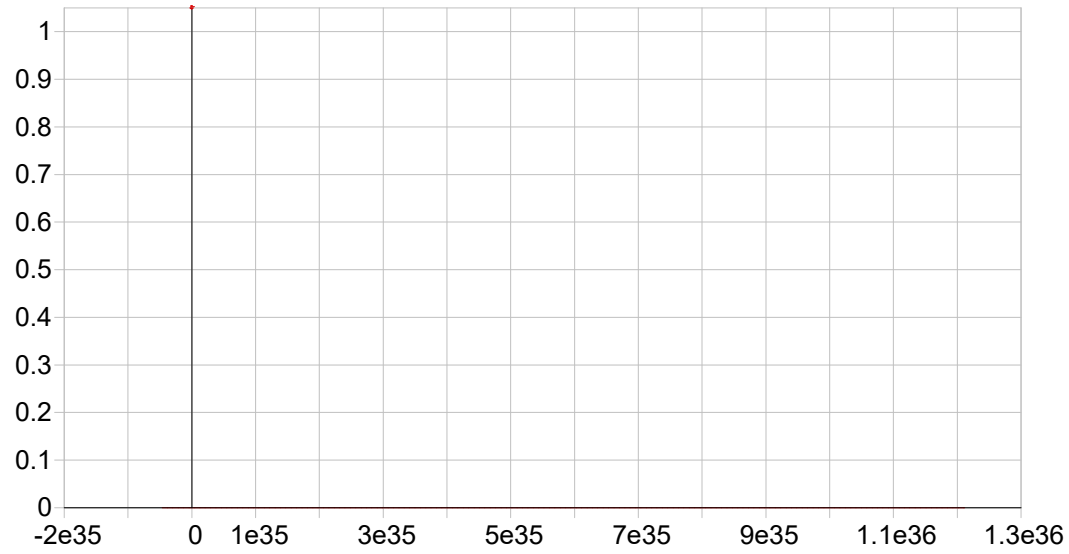
| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.000000 | Y-int: | 0.000000 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

| | | | | | |
|---|---|---|---|---|---|
| A2 (Curvature): | 0.000000 | | | | |
| n (Exponent): | 1.000000 | | | | |
| Correlation: | 0.000000 | Status: | Warning | Zero Gain | |
| Std Error of Est: | 0.000000 | | | | |
| Predicted MDL: | n/a | | | | |
| Predicted MQL: | n/a | | | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|



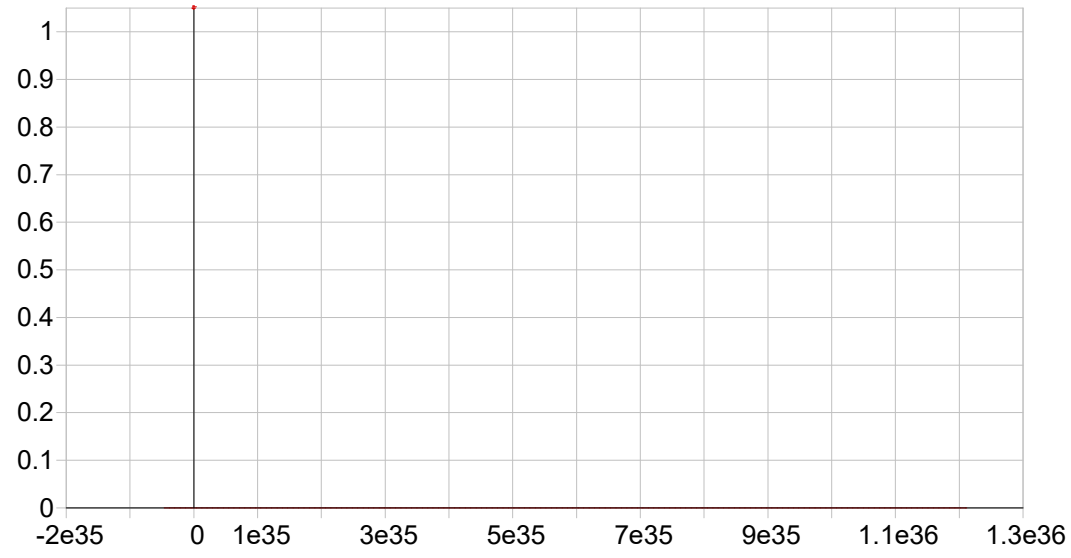

**Y 371.030 { 91}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.000000 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.000000 | Status: | Warning Zero Gain |
| Std Error of Est: | 0.000000 | | |
| Predicted MDL: | n/a | | |
| Predicted MQL: | n/a | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|

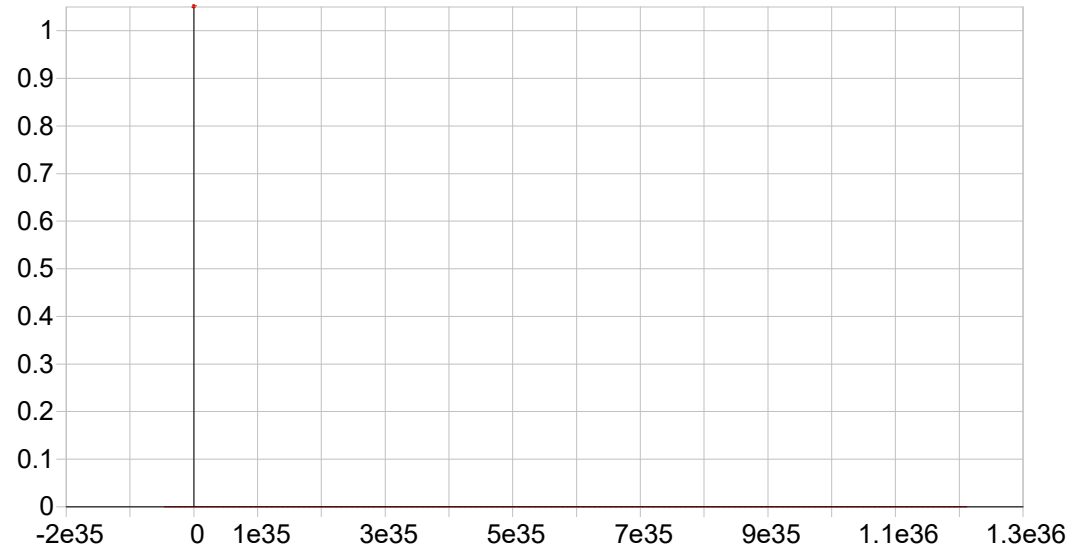
Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886




**Y 224.306 {150}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000 | | Re-Slope: | 1.000000 | |
| A1 (Gain): | 0.000000 | | Y-int: | 0.000000 | |
| A2 (Curvature): | 0.000000 | | | | |
| n (Exponent): | 1.000000 | | | | |
| Correlation: | 0.000000 | | Status: | Warning | Zero Gain |
| Std Error of Est: | 0.000000 | | | | |
| Predicted MDL: | n/a | | | | |
| Predicted MQL: | n/a | | | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|




**In 230.606 {446}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000 | | Re-Slope: | 1.000000 | |
| A1 (Gain): | 0.000000 | | Y-int: | 0.000000 | |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A2 (Curvature): | | 0.000000 | | | | | |
| n (Exponent): | | 1.000000 | | | | | |
| Correlation: | | 0.000000 | | Status: | Warning | Zero Gain | |
| Std Error of Est: | | 0.000000 | | | | | |
| Predicted MDL: | | n/a | | | | | |
| Predicted MQL: | | n/a | | | | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S0 Acquired: 8/19/2025 11:15:23 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **-.00002** | **.00047** | **.00005** | **.00042** | **.00057** | **-.00000** | **.08183** | **-.00174** |
| Stddev | .00011 | .00004 | .00019 | .00007 | .00006 | .00056 | .00054 | .00038 |
| %RSD | 631.46 | 9.4608 | 397.15 | 16.392 | 9.8375 | 102450. | .65481 | 21.852 |
| #1 | -.00013 | .00050 | -.00007 | .00034 | .00054 | .00058 | .08221 | -.00218 |
| #2 | .00008 | .00042 | .00027 | .00045 | .00054 | -.00004 | .08208 | -.00154 |
| #3 | .00001 | .00048 | -.00005 | .00047 | .00064 | -.00054 | .08122 | -.00150 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **-.00054** | **.00193** | **.00022** | **-.00019** | **.00036** | **.00003** | **.00049** | **.00005** |
| Stddev | .00028 | .00005 | .00003 | .00012 | .00011 | .00001 | .00023 | .00021 |
| %RSD | 51.871 | 2.5058 | 12.580 | 63.720 | 30.519 | 36.904 | 46.656 | 442.29 |
| #1 | -.00077 | .00196 | .00020 | -.00006 | .00027 | .00003 | .00045 | -.00016 |
| #2 | -.00061 | .00196 | .00021 | -.00022 | .00033 | .00005 | .00029 | .00026 |
| #3 | -.00023 | .00188 | .00025 | -.00030 | .00048 | .00002 | .00074 | .00004 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **-.00042** | **-.00059** | **.00172** | **-.00029** | **.00637** | **.00082** | **.00437** | **.00044** |
| Stddev | .00010 | .00005 | .00018 | .00025 | .00034 | .00017 | .00076 | .00008 |
| %RSD | 24.612 | 8.4188 | 10.222 | 85.242 | 5.3403 | 20.676 | 17.391 | 18.423 |
| #1 | -.00042 | -.00056 | .00156 | -.00044 | .00652 | .00063 | .00453 | .00046 |
| #2 | -.00053 | -.00065 | .00191 | -.00000 | .00661 | .00095 | .00503 | .00035 |
| #3 | -.00032 | -.00056 | .00170 | -.00042 | .00598 | .00087 | .00354 | .00052 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.00283** | **.00124** | **.00012** | **-.00127** | **.00026** | **.01040** | **-.00010** |
| Stddev | .00004 | .00006 | .00004 | .00001 | .00002 | .00102 | .00015 |
| %RSD | 1.2464 | 4.5827 | 30.596 | 1.0839 | 6.3057 | 9.7713 | 140.68 |
| #1 | .00280 | .00118 | .00008 | -.00127 | .00028 | .01125 | .00006 |
| #2 | .00287 | .00124 | .00012 | -.00127 | .00024 | .01067 | -.00022 |
| #3 | .00282 | .00129 | .00016 | -.00125 | .00027 | .00928 | -.00014 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S0 Acquired: 8/19/2025 11:15:23 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6488.7 | 109460. | 10459. | 5083.5 | 8146.7 |
| Stddev | 10.2 | 181. | 77. | 15.9 | 5.8 |
| %RSD | .15715 | .16529 | .73910 | .31344 | .07072 |
| #1 | 6497.0 | 109610. | 10535. | 5083.4 | 8152.7 |
| #2 | 6477.3 | 109260. | 10381. | 5067.6 | 8146.3 |
| #3 | 6491.6 | 109520. | 10463. | 5099.5 | 8141.2 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S1 Acquired: 8/19/2025 11:19:47 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.00107** | **.00292** | **.00241** | **.00132** | **.00507** | **.00835** | **.30463** | **.03416** |
| Stddev | .00006 | .00023 | .00022 | .00002 | .00010 | .00064 | .00034 | .00050 |
| %RSD | 5.7933 | 7.9459 | 9.1888 | 1.1688 | 2.0561 | 7.7191 | .11014 | 1.4761 |
| #1 | .00100 | .00265 | .00262 | .00131 | .00506 | .00875 | .30440 | .03436 |
| #2 | .00112 | .00305 | .00243 | .00133 | .00497 | .00761 | .30449 | .03359 |
| #3 | .00108 | .00305 | .00218 | .00131 | .00518 | .00869 | .30502 | .03454 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.01652** | **.11609** | **.00218** | **.02969** | **.01352** | **.00035** | **.00905** | **.02492** |
| Stddev | .00010 | .00017 | .00003 | .00017 | .00034 | .00001 | .00027 | .00008 |
| %RSD | .59437 | .14892 | 1.5895 | .56676 | 2.5227 | 2.8346 | 2.9346 | .33405 |
| #1 | .01656 | .11603 | .00215 | .02978 | .01334 | .00036 | .00881 | .02485 |
| #2 | .01660 | .11596 | .00217 | .02950 | .01391 | .00036 | .00901 | .02490 |
| #3 | .01641 | .11629 | .00222 | .02980 | .01331 | .00034 | .00934 | .02501 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.02297** | **.00128** | **.01629** | **.00486** | **.09878** | **.00896** | **.07706** | **.13070** |
| Stddev | .00007 | .00006 | .00012 | .00020 | .00063 | .00018 | .00020 | .00003 |
| %RSD | .32012 | 4.4079 | .76586 | 4.0618 | .63688 | 2.0559 | .25505 | .02049 |
| #1 | .02304 | .00123 | .01643 | .00492 | .09907 | .00875 | .07714 | .13071 |
| #2 | .02297 | .00135 | .01618 | .00464 | .09922 | .00903 | .07721 | .13071 |
| #3 | .02289 | .00127 | .01626 | .00502 | .09806 | .00909 | .07684 | .13067 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.00833** | **.01226** | **.00117** | **-.00039** | **.00079** | **.02584** | **.14969** |
| Stddev | .00010 | .00049 | .00002 | .00001 | .00010 | .00143 | .00158 |
| %RSD | 1.1638 | 4.0143 | 1.8736 | 3.8035 | 12.631 | 5.5491 | 1.0540 |
| #1 | .00823 | .01169 | .00117 | -.00039 | .00090 | .02431 | .14790 |
| #2 | .00832 | .01252 | .00115 | -.00041 | .00071 | .02716 | .15088 |
| #3 | .00843 | .01257 | .00119 | -.00038 | .00076 | .02604 | .15030 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S1 Acquired: 8/19/2025 11:19:47 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6532.6 | 107110. | 10543. | 4988.6 | 8067.2 |
| Stddev | 4.9 | 86. | 32. | 18.1 | 16.1 |
| %RSD | .07479 | .07996 | .30457 | .36203 | .19912 |
| | | | | | |
| #1 | 6528.1 | 107140. | 10557. | 4968.1 | 8064.1 |
| #2 | 6537.8 | 107170. | 10506. | 5002.3 | 8084.6 |
| #3 | 6532.0 | 107010. | 10566. | 4995.4 | 8053.0 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S2 Acquired: 8/19/2025 11:24:04 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.04040** | **.04791** | **.14794** | **.03503** | **.06950** | **.11894** | **3.6417** | **.22600** |
| Stddev | .00010 | .00109 | .00036 | .00006 | .00016 | .00077 | .0177 | .00141 |
| %RSD | .25115 | 2.2787 | .24563 | .18121 | .23339 | .65008 | .48695 | .62195 |
| #1 | .04031 | .04672 | .14761 | .03497 | .06969 | .11966 | 3.6365 | .22760 |
| #2 | .04038 | .04886 | .14788 | .03510 | .06938 | .11812 | 3.6614 | .22543 |
| #3 | .04051 | .04815 | .14833 | .03503 | .06945 | .11903 | 3.6271 | .22497 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **1.1017** | **.22397** | **.03112** | **.38167** | **.12486** | **.00246** | **.16371** | **.04513** |
| Stddev | .0009 | .00119 | .00026 | .00029 | .00030 | .00003 | .00066 | .00033 |
| %RSD | .08233 | .53176 | .82702 | .07531 | .24418 | 1.2309 | .40455 | .73346 |
| #1 | 1.1027 | .22450 | .03108 | .38136 | .12459 | .00243 | .16402 | .04549 |
| #2 | 1.1017 | .22481 | .03139 | .38174 | .12519 | .00248 | .16416 | .04484 |
| #3 | 1.1009 | .22261 | .03088 | .38192 | .12480 | .00248 | .16295 | .04505 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.22500** | **.03748** | **.03079** | **.04829** | **.90352** | **.01667** | **.57278** | **.50338** |
| Stddev | .00019 | .00010 | .00043 | .00015 | .00266 | .00025 | .00333 | .00073 |
| %RSD | .08571 | .26614 | 1.3834 | .31218 | .29392 | 1.4989 | .58171 | .14488 |
| #1 | .22486 | .03737 | .03044 | .04813 | .90618 | .01638 | .57659 | .50365 |
| #2 | .22493 | .03749 | .03126 | .04843 | .90087 | .01683 | .57039 | .50394 |
| #3 | .22522 | .03757 | .03068 | .04831 | .90349 | .01679 | .57136 | .50255 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.11780** | **.22333** | **.00232** | **.03277** | **.02093** | **.62545** | **5.9542** |
| Stddev | .00007 | .00078 | .00003 | .00029 | .00007 | .00251 | .0210 |
| %RSD | .05654 | .34710 | 1.1768 | .89007 | .33386 | .40123 | .35268 |
| #1 | .11785 | .22337 | .00230 | .03251 | .02100 | .62372 | 5.9494 |
| #2 | .11773 | .22254 | .00231 | .03308 | .02091 | .62833 | 5.9773 |
| #3 | .11783 | .22409 | .00235 | .03270 | .02087 | .62430 | 5.9361 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S2 Acquired: 8/19/2025 11:24:04 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6619.9 | 108890. | 10774. | 5126.4 | 8022.3 |
| Stddev | 9.1 | 269. | 77. | 15.9 | 11.0 |
| %RSD | .13770 | .24723 | .71008 | .30998 | .13653 |
| | | | | | |
| #1 | 6615.2 | 109010. | 10685. | 5114.9 | 8015.2 |
| #2 | 6614.1 | 108580. | 10814. | 5119.8 | 8016.8 |
| #3 | 6630.4 | 109070. | 10822. | 5144.5 | 8034.9 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S3 Acquired: 8/19/2025 11:28:07 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.12884** | **.14872** | **.46959** | **.11019** | **.21896** | **.37404** | **11.376** | **.71222** |
| Stddev | .00039 | .00478 | .00103 | .00013 | .00064 | .00054 | .056 | .00366 |
| %RSD | .30105 | 3.2145 | .21870 | .11504 | .29344 | .14378 | .49293 | .51339 |
| #1 | .12854 | .15407 | .47032 | .11024 | .21824 | .37448 | 11.426 | .71451 |
| #2 | .12870 | .14486 | .47003 | .11004 | .21917 | .37421 | 11.315 | .70800 |
| #3 | .12928 | .14722 | .46841 | .11028 | .21947 | .37344 | 11.388 | .71415 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **3.5554** | **.69999** | **.09646** | **1.2223** | **.39038** | **.00768** | **.51025** | **.14059** |
| Stddev | .0052 | .00232 | .00023 | .0007 | .00083 | .00004 | .00200 | .00026 |
| %RSD | .14502 | .33102 | .23501 | .05394 | .21336 | .55594 | .39250 | .18785 |
| #1 | 3.5614 | .70101 | .09627 | 1.2230 | .38992 | .00764 | .51209 | .14080 |
| #2 | 3.5524 | .69734 | .09671 | 1.2218 | .38989 | .00772 | .50812 | .14067 |
| #3 | 3.5525 | .70162 | .09640 | 1.2220 | .39135 | .00767 | .51054 | .14029 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.71973** | **.11799** | **.09289** | **.15318** | **2.8023** | **.05193** | **1.8004** | **1.5751** |
| Stddev | .00105 | .00029 | .00009 | .00061 | .0101 | .00021 | .0100 | .0031 |
| %RSD | .14575 | .24499 | .09414 | .39727 | .36095 | .40555 | .55518 | .19639 |
| #1 | .72068 | .11784 | .09279 | .15368 | 2.7907 | .05169 | 1.8072 | 1.5726 |
| #2 | .71991 | .11780 | .09292 | .15336 | 2.8091 | .05209 | 1.7889 | 1.5740 |
| #3 | .71861 | .11832 | .09295 | .15250 | 2.8070 | .05202 | 1.8049 | 1.5785 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.37105** | **.69896** | **.00705** | **.11022** | **.06820** | **1.9332** | **18.506** |
| Stddev | .00035 | .00388 | .00009 | .00029 | .00020 | .0075 | .224 |
| %RSD | .09527 | .55542 | 1.3472 | .26356 | .29864 | .38629 | 1.2117 |
| #1 | .37138 | .70243 | .00696 | .11031 | .06809 | 1.9404 | 18.713 |
| #2 | .37068 | .69477 | .00715 | .10989 | .06807 | 1.9255 | 18.537 |
| #3 | .37107 | .69969 | .00704 | .11045 | .06843 | 1.9337 | 18.268 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S3 Acquired: 8/19/2025 11:28:07 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6397.1 | 107230. | 10595. | 5000.0 | 7543.4 |
| Stddev | 4.2 | 358. | 54. | 7.6 | 14.5 |
| %RSD | .06572 | .33424 | .50856 | .15223 | .19286 |
| | | | | | |
| #1 | 6399.7 | 107400. | 10535. | 4996.5 | 7527.8 |
| #2 | 6399.4 | 106810. | 10638. | 4994.8 | 7545.9 |
| #3 | 6392.3 | 107460. | 10611. | 5008.8 | 7556.6 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S4 Acquired: 8/19/2025 11:32:12 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.26185** | **.30796** | **.94732** | **.22346** | **.44116** | **.75242** | **22.859** | **1.4029** |
| Stddev | .00004 | .01232 | .00053 | .00054 | .00094 | .00589 | .524 | .0177 |
| %RSD | .01670 | 4.0010 | .05615 | .24005 | .21241 | .78217 | 2.2913 | 1.2603 |
| #1 | .26188 | .29417 | .94786 | .22284 | .44008 | .75046 | 22.900 | 1.4113 |
| #2 | .26188 | .31789 | .94680 | .22380 | .44159 | .74777 | 22.316 | 1.3826 |
| #3 | .26180 | .31181 | .94730 | .22375 | .44180 | .75904 | 23.361 | 1.4149 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **7.2552** | **1.3992** | **.19191** | **2.4883** | **.77457** | **.01572** | **1.0241** | **.28367** |
| Stddev | .0034 | .0098 | .00047 | .0024 | .00161 | .00016 | .0078 | .00167 |
| %RSD | .04636 | .70314 | .24428 | .09718 | .20733 | 1.0312 | .75750 | .58994 |
| #1 | 7.2578 | 1.3993 | .19143 | 2.4894 | .77372 | .01553 | 1.0243 | .28402 |
| #2 | 7.2514 | 1.3892 | .19236 | 2.4855 | .77357 | .01582 | 1.0162 | .28185 |
| #3 | 7.2563 | 1.4089 | .19195 | 2.4899 | .77642 | .01580 | 1.0317 | .28514 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **1.4582** | **.23757** | **.19672** | **.31097** | **5.5880** | **.10765** | **3.5671** | **3.1639** |
| Stddev | .0008 | .00057 | .00202 | .00167 | .0021 | .00086 | .0465 | .0026 |
| %RSD | .05346 | .24081 | 1.0290 | .53802 | .03765 | .79926 | 1.3035 | .08088 |
| #1 | 1.4573 | .23691 | .19448 | .30991 | 5.5892 | .10671 | 3.5858 | 3.1610 |
| #2 | 1.4588 | .23780 | .19841 | .31009 | 5.5856 | .10839 | 3.5142 | 3.1650 |
| #3 | 1.4584 | .23799 | .19729 | .31290 | 5.5892 | .10786 | 3.6014 | 3.1657 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.74881** | **1.4142** | **.01459** | **.23182** | **.14309** | **3.9348** | **37.483** |
| Stddev | .00159 | .0078 | .00012 | .00097 | .00079 | .0270 | .579 |
| %RSD | .21184 | .54916 | .81361 | .42025 | .55045 | .68657 | 1.5444 |
| #1 | .74886 | 1.4126 | .01446 | .23096 | .14220 | 3.9335 | 37.708 |
| #2 | .75037 | 1.4074 | .01469 | .23288 | .14371 | 3.9084 | 36.826 |
| #3 | .74720 | 1.4227 | .01462 | .23163 | .14334 | 3.9624 | 37.917 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S4 Acquired: 8/19/2025 11:32:12 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6342.8 | 105900. | 10681. | 4927.7 | 7323.1 |
| Stddev | 4.3 | 154. | 134. | 11.3 | 10.5 |
| %RSD | .06748 | .14537 | 1.2535 | .22881 | .14347 |
| | | | | | |
| #1 | 6338.2 | 105980. | 10586. | 4917.6 | 7313.4 |
| #2 | 6343.5 | 105720. | 10834. | 4925.7 | 7321.6 |
| #3 | 6346.7 | 106000. | 10623. | 4939.9 | 7334.3 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S5 Acquired: 8/19/2025 11:36:23 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .53754 | .57749 | 1.9611 | .45612 | .91144 | 1.5291 | 46.535 | 2.8312 |
| Stddev | .00116 | .02353 | .0019 | .00189 | .00298 | .0043 | .091 | .0144 |
| %RSD | .21525 | 4.0742 | .09611 | .41436 | .32695 | .28456 | .19550 | .50789 |
| #1 | .53626 | .55132 | 1.9601 | .45400 | .90835 | 1.5336 | 46.486 | 2.8445 |
| #2 | .53850 | .58426 | 1.9599 | .45674 | .91165 | 1.5289 | 46.640 | 2.8159 |
| #3 | .53787 | .59689 | 1.9633 | .45762 | .91430 | 1.5249 | 46.480 | 2.8332 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 14.897 | 2.8119 | .38263 | 5.1522 | 1.5632 | .03167 | 2.0654 | .57240 |
| Stddev | .017 | .0059 | .00052 | .0079 | .0027 | .00012 | .0077 | .00281 |
| %RSD | .11453 | .21032 | .13636 | .15317 | .17612 | .37285 | .37074 | .49071 |
| #1 | 14.887 | 2.8184 | .38203 | 5.1461 | 1.5608 | .03164 | 2.0696 | .57560 |
| #2 | 14.887 | 2.8070 | .38290 | 5.1495 | 1.5626 | .03180 | 2.0701 | .57036 |
| #3 | 14.916 | 2.8101 | .38296 | 5.1611 | 1.5662 | .03158 | 2.0566 | .57123 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3.0092 | .48476 | .39777 | .63378 | 11.149 | .22030 | 7.2544 | 6.4022 |
| Stddev | .0053 | .00013 | .00238 | .00182 | .024 | .00089 | .0347 | .0093 |
| %RSD | .17735 | .02772 | .59928 | .28751 | .21883 | .40385 | .47771 | .14592 |
| #1 | 3.0045 | .48473 | .39641 | .63481 | 11.167 | .21958 | 7.2829 | 6.3925 |
| #2 | 3.0080 | .48491 | .40052 | .63484 | 11.159 | .22129 | 7.2159 | 6.4028 |
| #3 | 3.0150 | .48465 | .39637 | .63167 | 11.122 | .22001 | 7.2646 | 6.4112 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.5279 | 2.8802 | .02973 | .48196 | .30235 | 8.0192 | 76.226 |
| Stddev | .0014 | .0055 | .00016 | .00301 | .00171 | .0167 | .889 |
| %RSD | .09104 | .18995 | .54552 | .62403 | .56552 | .20833 | 1.1667 |
| #1 | 1.5277 | 2.8844 | .02955 | .47877 | .30038 | 8.0291 | 76.338 |
| #2 | 1.5294 | 2.8822 | .02987 | .48474 | .30348 | 8.0286 | 75.286 |
| #3 | 1.5266 | 2.8740 | .02977 | .48236 | .30318 | 7.9999 | 77.054 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: S5 Acquired: 8/19/2025 11:36:23 Type: Cal
Method: 6010-200.7 NEW(v115) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6104.5** | **104900.** | **10516.** | **4770.5** | **6877.0** |
| Stddev | 6.5 | 262. | 81. | 15.0 | 6.9 |
| %RSD | .10645 | .25016 | .76887 | .31471 | .09993 |
| | | | | | |
| #1 | 6099.0 | 104660. | 10433. | 4764.2 | 6871.8 |
| #2 | 6111.7 | 105180. | 10595. | 4759.7 | 6884.8 |
| #3 | 6102.9 | 104860. | 10518. | 4787.7 | 6874.4 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICV01 Acquired: 8/19/2025 12:17:57 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **3.985809** | **3.915657** | **3.990705** | **4.026083** | **4.070347** | **7.853820** |
| Stddev | .010872 | .070469 | .006102 | .012077 | .003409 | .025536 |
| %RSD | .2727672 | 1.799672 | .1528986 | .2999587 | .0837478 | .3251404 |
| #1 | 3.985668 | 3.943200 | 3.996368 | 4.026082 | 4.068967 | 7.873549 |
| #2 | 3.975008 | 3.835576 | 3.991503 | 4.014007 | 4.067844 | 7.824978 |
| #3 | 3.996751 | 3.968195 | 3.984243 | 4.038160 | 4.074229 | 7.862932 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **7.941565** | **.2090285** | **1.969141** | **19.62415** | **.8028668** | **1.978066** |
| Stddev | .005580 | .0007317 | .001253 | .02453 | .0041668 | .001778 |
| %RSD | .0702582 | .3500502 | .0636568 | .1249927 | .5189954 | .0899068 |
| #1 | 7.942469 | .2083600 | 1.969333 | 19.64209 | .8073795 | 1.979618 |
| #2 | 7.946637 | .2089152 | 1.967802 | 19.59620 | .8020557 | 1.976126 |
| #3 | 7.935589 | .2098102 | 1.970287 | 19.63415 | .7991651 | 1.978456 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.015675** | **4.007973** | **1.980245** | **19.57425** | **1.982624** | **1.011257** |
| Stddev | .001057 | .012765 | .002332 | .04302 | .000257 | .001339 |
| %RSD | .1040574 | .3184992 | .1177640 | .2197546 | .0129861 | .1324099 |
| #1 | 1.016706 | 4.010979 | 1.982378 | 19.62333 | 1.982905 | 1.011041 |
| #2 | 1.015724 | 4.018966 | 1.980603 | 19.55628 | 1.982400 | 1.012691 |
| #3 | 1.014594 | 3.993972 | 1.977755 | 19.54313 | 1.982566 | 1.010039 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **19.57782** | **1.966589** | **2.003830** | **19.59727** | **4.061603** | **4.026907** |
| Stddev | .11382 | .001912 | .010317 | .06033 | .023356 | .006489 |
| %RSD | .5813974 | .0972284 | .5148865 | .3078346 | .5750369 | .1611491 |
| #1 | 19.67291 | 1.968796 | 2.002642 | 19.64019 | 4.035810 | 4.028939 |
| #2 | 19.60886 | 1.965432 | 1.994158 | 19.62331 | 4.067678 | 4.019645 |
| #3 | 19.45170 | 1.965538 | 2.014690 | 19.52829 | 4.081321 | 4.032137 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICV01 Acquired: 8/19/2025 12:17:57 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.965941 | 3.962261 | 3.935260 | F .0041464 | F .0231284 | F -.003558 |
| Stddev | .005199 | .004219 | .032853 | .0011772 | .0009540 | .001081 |
| %RSD | .1310883 | .1064834 | .8348277 | 28.39052 | 4.124845 | 30.36918 |
| #1 | 3.967139 | 3.960170 | 3.973067 | .0031317 | .0239992 | -.004788 |
| #2 | 3.960248 | 3.959495 | 3.919055 | .0038704 | .0232774 | -.003127 |
| #3 | 3.970437 | 3.967117 | 3.913658 | .0054370 | .0221087 | -.002760 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F -.003492 |
| Stddev | .000129 |
| %RSD | 3.704557 |
| #1 | -.003637 |
| #2 | -.003448 |
| #3 | -.003389 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6371.174 | 107820.8 | 10923.03 | 5023.136 | 7457.305 |
| Stddev | 2.383 | 627.0 | 23.12 | 35.584 | 3.422 |
| %RSD | .0373970 | .5815217 | .2116677 | .7084004 | .0458854 |
| #1 | 6368.423 | 107146.3 | 10901.81 | 4984.628 | 7455.193 |
| #2 | 6372.540 | 107930.3 | 10947.67 | 5054.802 | 7455.469 |
| #3 | 6372.560 | 108385.9 | 10919.61 | 5029.979 | 7461.253 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: LLICV01 Acquired: 8/19/2025 12:23:29 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0200953 | .0439446 | .0125370 | .0182740 | .0552001 | .1170755 | .1001725 |
| Stddev | .0008743 | .0015394 | .0011221 | .0008293 | .0004016 | .0075217 | .0009859 |
| %RSD | 4.350885 | 3.502949 | 8.950114 | 4.538040 | .7276240 | 6.424660 | .9842399 |
| #1 | .0204186 | .0421822 | .0125503 | .0173768 | .0548787 | .1100573 | .1012815 |
| #2 | .0207619 | .0450264 | .0114083 | .0184325 | .0550712 | .1250157 | .0993950 |
| #3 | .0191054 | .0446252 | .0136524 | .0190125 | .0556504 | .1161537 | .0998410 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0062843 | .0059985 | 2.118640 | .0100444 | .0302669 | .0221384 | .1116212 |
| Stddev | .0000416 | .0000559 | .009267 | .0003842 | .0001383 | .0003787 | .0048065 |
| %RSD | .6619672 | .9310070 | .4374055 | 3.824676 | .4569688 | 1.710774 | 4.306060 |
| #1 | .0063266 | .0059399 | 2.124231 | .0098289 | .0301465 | .0225695 | .1060768 |
| #2 | .0062435 | .0060045 | 2.107943 | .0104879 | .0302362 | .0219863 | .1146091 |
| #3 | .0062829 | .0060511 | 2.123746 | .0098164 | .0304179 | .0218594 | .1141778 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0221257 | 2.188888 | .0407574 | .0106003 | 1.955984 | .0430277 | .0446679 |
| Stddev | .0002279 | .010536 | .0004071 | .0000609 | .015768 | .0013931 | .0002315 |
| %RSD | 1.029889 | .4813541 | .9989287 | .5745707 | .8061489 | 3.237766 | .5183721 |
| #1 | .0219728 | 2.200821 | .0408596 | .0106475 | 1.943358 | .0437968 | .0444316 |
| #2 | .0223876 | 2.180868 | .0403090 | .0105315 | 1.973658 | .0438667 | .0448943 |
| #3 | .0220165 | 2.184974 | .0411038 | .0106218 | 1.950936 | .0414195 | .0446778 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.903600 | .1045677 | .2120681 | .0384768 | .0404080 | .3786009 | .0194715 |
| Stddev | .042816 | .0008741 | .0006226 | .0002481 | .0011984 | .0127815 | .0015566 |
| %RSD | 2.249232 | .8359085 | .2935901 | .6447676 | 2.965713 | 3.375994 | 7.994215 |
| #1 | 1.856752 | .1054901 | .2116497 | .0383498 | .0402185 | .3735692 | .0209357 |
| #2 | 1.913343 | .1044614 | .2117710 | .0387627 | .0416898 | .3691010 | .0178366 |
| #3 | 1.940705 | .1037517 | .2127836 | .0383179 | .0393156 | .3931325 | .0196422 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: LLICV01 Acquired: 8/19/2025 12:23:29 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0210849 | .0197957 | .0210070 |
| Stddev | .0012800 | .0006140 | .0002480 |
| %RSD | 6.070553 | 3.101912 | 1.180789 |
| #1 | .0205777 | .0194673 | .0212890 |
| #2 | .0201363 | .0194156 | .0209092 |
| #3 | .0225408 | .0205041 | .0208227 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6566.046 | 113870.2 | 11363.04 | 5142.864 | 8182.192 |
| Stddev | 5.104 | 217.1 | 102.46 | 15.755 | 4.634 |
| %RSD | .0777379 | .1906637 | .9016719 | .3063380 | .0566408 |
| #1 | 6570.407 | 113857.0 | 11257.23 | 5160.577 | 8187.207 |
| #2 | 6560.432 | 114093.6 | 11461.78 | 5130.416 | 8178.067 |
| #3 | 6567.299 | 113660.0 | 11370.11 | 5137.599 | 8181.303 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICB01 Acquired: 8/19/2025 12:27:44 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.001053** | **-.000670** | **.0002235** | **-.003340** | **.0009365** | **.0122451** | **-.004082** |
| Stddev | .000262 | .001580 | .0011404 | .002887 | .0005173 | .0071783 | .000748 |
| %RSD | 24.92486 | 235.7610 | 510.1943 | 86.42833 | 55.23377 | 58.62167 | 18.32844 |
| #1 | -.000750 | -.000392 | -.000066 | -.000964 | .0005080 | .0060502 | -.003982 |
| #2 | -.001205 | -.002370 | -.000744 | -.006553 | .0007904 | .0105733 | -.004874 |
| #3 | -.001203 | .000752 | .001481 | -.002503 | .0015112 | .0201117 | -.003388 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0000429** | **.0000846** | **-.009142** | **.0000486** | **.0000278** | **-.000132** | **.0004513** |
| Stddev | .0000463 | .0000662 | .010453 | .0001984 | .0000996 | .000090 | .0035454 |
| %RSD | 107.9982 | 78.27983 | 114.3416 | 407.6973 | 358.3523 | 68.52445 | 785.5999 |
| #1 | .0000165 | .0001588 | -.017156 | .0002687 | .0001186 | -.000035 | .0023790 |
| #2 | .0000158 | .0000632 | -.012952 | -.000006 | .0000436 | -.000147 | -.003640 |
| #3 | .0000964 | .0000317 | .002682 | -.000116 | -.000079 | -.000213 | .002615 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000298** | **-.004831** | **-.000170** | **-.000214** | **-.072843** | **.0012452** | **-.000441** |
| Stddev | .000128 | .000776 | .000051 | .000145 | .004483 | .0007032 | .000067 |
| %RSD | 43.04614 | 16.06693 | 30.03898 | 67.64166 | 6.153793 | 56.46889 | 15.23517 |
| #1 | -.000409 | -.003935 | -.000117 | -.000075 | -.077623 | .0008308 | -.000383 |
| #2 | -.000329 | -.005280 | -.000219 | -.000202 | -.072171 | .0020571 | -.000426 |
| #3 | -.000158 | -.005279 | -.000174 | -.000364 | -.068734 | .0008478 | -.000515 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.209487** | **-.000342** | **.0001992** | **-.002569** | **-.001069** | **.0014800** | **.0004030** |
| Stddev | .026045 | .000294 | .0000328 | .000675 | .001338 | .0096737 | .0010557 |
| %RSD | 12.43265 | 86.14861 | 16.48442 | 26.27781 | 125.1414 | 653.6083 | 261.9604 |
| #1 | -.228327 | -.000672 | .0002341 | -.001791 | .000241 | .0078441 | .0009616 |
| #2 | -.179766 | -.000247 | .0001689 | -.002999 | -.001015 | .0062481 | -.000815 |
| #3 | -.220368 | -.000106 | .0001947 | -.002918 | -.002433 | -.009652 | .001062 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICB01 Acquired: 8/19/2025 12:27:44 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.002616 | -.002840 | -.000066 |
| Stddev | .000270 | .000713 | .000057 |
| %RSD | 10.30373 | 25.09265 | 86.16282 |
| | | | |
| #1 | -.002508 | -.003662 | -.000126 |
| #2 | -.002923 | -.002412 | -.000014 |
| #3 | -.002417 | -.002445 | -.000058 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6649.587 | 112041.7 | 11403.71 | 5140.896 | 8418.892 |
| Stddev | 13.943 | 341.0 | 111.51 | 1.833 | 19.946 |
| %RSD | .2096850 | .3043940 | .9778741 | .0356515 | .2369235 |
| | | | | | |
| #1 | 6638.087 | 112434.2 | 11532.27 | 5142.976 | 8398.433 |
| #2 | 6665.095 | 111873.2 | 11333.08 | 5140.192 | 8438.282 |
| #3 | 6645.579 | 111817.7 | 11345.78 | 5139.519 | 8419.961 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CRI01 Acquired: 8/19/2025 12:38:23 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0205493 | .0436384 | .0120932 | .0195580 | .0530990 | .1100975 | .0981253 |
| Stddev | .0004057 | .0020669 | .0007435 | .0027902 | .0007117 | .0049911 | .0003346 |
| %RSD | 1.974243 | 4.736491 | 6.148096 | 14.26611 | 1.340389 | 4.533327 | .3409838 |
| #1 | .0208720 | .0457153 | .0115230 | .0163426 | .0522778 | .1046659 | .0977630 |
| #2 | .0206819 | .0436184 | .0118224 | .0213407 | .0535389 | .1144820 | .0981904 |
| #3 | .0200938 | .0415816 | .0129341 | .0209908 | .0534801 | .1111445 | .0984226 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060623 | .0057694 | 2.050149 | .0101399 | .0294265 | .0212438 | .1030984 |
| Stddev | .0000936 | .0000652 | .012660 | .0001305 | .0001520 | .0001428 | .0070203 |
| %RSD | 1.544197 | 1.129753 | .6175295 | 1.287422 | .5164033 | .6723354 | 6.809325 |
| #1 | .0060762 | .0057647 | 2.064623 | .0102075 | .0293146 | .0210926 | .0988415 |
| #2 | .0061482 | .0057066 | 2.041134 | .0102228 | .0293654 | .0213764 | .0992524 |
| #3 | .0059625 | .0058368 | 2.044689 | .0099895 | .0295995 | .0212624 | .1112013 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0215680 | 2.115582 | .0392499 | .0099186 | 1.975871 | .0395526 | .0421386 |
| Stddev | .0004174 | .022164 | .0004154 | .0003688 | .017542 | .0009013 | .0004363 |
| %RSD | 1.935094 | 1.047675 | 1.058260 | 3.718231 | .8878250 | 2.278597 | 1.035411 |
| #1 | .0210903 | 2.108937 | .0393499 | .0095237 | 1.963925 | .0390059 | .0422161 |
| #2 | .0218619 | 2.140309 | .0387937 | .0099782 | 1.967677 | .0405929 | .0425309 |
| #3 | .0217518 | 2.097501 | .0396062 | .0102540 | 1.996011 | .0390592 | .0416687 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.803522 | .0971697 | .2058657 | .0351882 | .0394423 | .3949458 | .0187129 |
| Stddev | .017600 | .0006868 | .0008018 | .0003919 | .0016067 | .0041005 | .0011421 |
| %RSD | .9758656 | .7067635 | .3894636 | 1.113680 | 4.073461 | 1.038245 | 6.103260 |
| #1 | 1.809170 | .0979624 | .2060276 | .0348677 | .0400096 | .3952350 | .0176591 |
| #2 | 1.817605 | .0967910 | .2049954 | .0356251 | .0376289 | .3988941 | .0199265 |
| #3 | 1.783792 | .0967556 | .2065742 | .0350717 | .0406884 | .3907083 | .0185530 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CRI01 Acquired: 8/19/2025 12:38:23 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0154246 | .0181929 | .0204099 |
| Stddev | .0013740 | .0022512 | .0002124 |
| %RSD | 8.908137 | 12.37433 | 1.040869 |
| #1 | .0142614 | .0199895 | .0206385 |
| #2 | .0150718 | .0189216 | .0203726 |
| #3 | .0169406 | .0156675 | .0202185 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6647.698 | 110956.4 | 11384.72 | 5108.731 | 8253.774 |
| Stddev | 5.621 | 53.5 | 61.04 | 26.081 | 8.657 |
| %RSD | .0845593 | .0482062 | .5361426 | .5105164 | .1048855 |
| #1 | 6645.299 | 110933.0 | 11331.86 | 5096.799 | 8263.437 |
| #2 | 6654.121 | 111017.6 | 11370.76 | 5090.752 | 8246.727 |
| #3 | 6643.674 | 110918.6 | 11451.52 | 5138.644 | 8251.158 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICSA01 Acquired: 8/19/2025 12:42:39 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0121400** | **.0020798** | **-.006177** | **.0030461** | **-.000196** | **246.2414** |
| Stddev | .0014295 | .0015804 | .002169 | .0026371 | .002326 | .1159 |
| %RSD | 11.77513 | 75.98853 | 35.11210 | 86.57128 | 1185.265 | .0470711 |
| #1 | .0136486 | .0030834 | -.006839 | .0058170 | .001375 | 246.2275 |
| #2 | .0119660 | .0002580 | -.007938 | .0005671 | .000905 | 246.1330 |
| #3 | .0108055 | .0028980 | -.003754 | .0027543 | -.002868 | 246.3636 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.001213** | **.0029256** | **.0021277** | **234.3403** | **.0596449** | **.0017100** |
| Stddev | .000144 | .0001155 | .0000373 | .3092 | .0002104 | .0000553 |
| %RSD | 11.90254 | 3.946795 | 1.754283 | .1319319 | .3528126 | 3.232277 |
| #1 | -.001103 | .0028371 | .0021016 | 234.5310 | .0595411 | .0017489 |
| #2 | -.001376 | .0030562 | .0021111 | 233.9836 | .0595065 | .0017344 |
| #3 | -.001159 | .0028835 | .0021704 | 234.5062 | .0598870 | .0016467 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.002879** | **102.7735** | **-.001328** | **245.6921** | **.0059490** | **.0027186** |
| Stddev | .000191 | .1258 | .000326 | .6218 | .0002970 | .0003865 |
| %RSD | 6.629328 | .1224111 | 24.57841 | .2530681 | 4.992309 | 14.21706 |
| #1 | -.002766 | 102.6363 | -.001695 | 246.2240 | .0056681 | .0022837 |
| #2 | -.002772 | 102.8008 | -.001218 | 245.0085 | .0059191 | .0028490 |
| #3 | -.003099 | 102.8834 | -.001071 | 245.8439 | .0062598 | .0030230 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0295282** | **.0035103** | **.0017978** | **.0016378** | **.0412418** | **.0012658** |
| Stddev | .0277549 | .0008480 | .0002282 | .0402819 | .0020656 | .0002478 |
| %RSD | 93.99482 | 24.15592 | 12.69482 | 2459.516 | 5.008392 | 19.57333 |
| #1 | .0037980 | .0043641 | .0020419 | -.025402 | .0435994 | .0009800 |
| #2 | .0258462 | .0026683 | .0015898 | -.017619 | .0397501 | .0014200 |
| #3 | .0589403 | .0034986 | .0017616 | .047934 | .0403760 | .0013975 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICSA01 Acquired: 8/19/2025 12:42:39 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.003769** | **-.004369** | **.0176449** | **.0086504** | **-.008245** | F **-.029742** |
| Stddev | .000974 | .000690 | .0140976 | .0007162 | .002348 | .001558 |
| %RSD | 25.84257 | 15.79824 | 79.89644 | 8.278799 | 28.47535 | 5.236764 |
| #1 | -.004866 | -.004635 | .0245837 | .0088829 | -.009924 | -.031175 |
| #2 | -.003434 | -.004886 | .0014227 | .0092213 | -.009250 | -.028084 |
| #3 | -.003006 | -.003585 | .0269283 | .0078469 | -.005562 | -.029966 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.0001863** |
| Stddev | .0003818 |
| %RSD | 205.0143 |
| #1 | -.000197 |
| #2 | .000566 |
| #3 | .000190 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **5894.286** | **99924.21** | **11123.50** | **4602.758** | **6595.719** |
| Stddev | 16.094 | 94.78 | 33.44 | 25.468 | 15.341 |
| %RSD | .2730475 | .0948517 | .3006368 | .5533282 | .2325853 |
| #1 | 5899.805 | 100033.0 | 11150.72 | 4596.575 | 6602.148 |
| #2 | 5906.895 | 99880.3 | 11086.17 | 4630.748 | 6606.799 |
| #3 | 5876.159 | 99859.3 | 11133.61 | 4580.949 | 6578.210 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICSAB01 Acquired: 8/19/2025 12:46:49 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1104879** | **.0960412** | **.0410499** | **.0492733** | **.5900150** | **240.8270** |
| Stddev | .0014405 | .0033005 | .0027356 | .0052279 | .0046430 | .7941 |
| %RSD | 1.303745 | 3.436530 | 6.664167 | 10.60993 | .7869304 | .3297213 |
| #1 | .1102938 | .0998519 | .0380055 | .0500403 | .5848044 | 240.4439 |
| #2 | .1120156 | .0940911 | .0433019 | .0437044 | .5937135 | 240.2972 |
| #3 | .1091543 | .0941806 | .0418421 | .0540754 | .5915270 | 241.7400 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.4776551** | **.4624029** | **.9511457** | **227.9983** | **.5409012** | **.4793599** |
| Stddev | .0019738 | .0027702 | .0010389 | .4658 | .0022317 | .0004218 |
| %RSD | .4132251 | .5990831 | .1092278 | .2043025 | .4125913 | .0879882 |
| #1 | .4783308 | .4646676 | .9505390 | 228.4978 | .5383526 | .4788986 |
| #2 | .4792024 | .4593142 | .9505527 | 227.5757 | .5425058 | .4794551 |
| #3 | .4754322 | .4632268 | .9523453 | 227.9214 | .5418452 | .4797259 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.4631787** | **100.7136** | **.4649428** | **239.8658** | **.9541454** | **.2116558** |
| Stddev | .0011810 | .5633 | .0005470 | .5004 | .0008615 | .0004518 |
| %RSD | .2549740 | .5593214 | .1176429 | .2086329 | .0902937 | .2134418 |
| #1 | .4639914 | 100.3002 | .4650705 | 240.4204 | .9537523 | .2117502 |
| #2 | .4618240 | 101.3552 | .4654147 | 239.4479 | .9535506 | .2120528 |
| #3 | .4637207 | 100.4854 | .4643433 | 239.7291 | .9551334 | .2111642 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.049376** | **.4617720** | **1.015544** | **-.314272** | **.9074576** | **.9597749** |
| Stddev | .010026 | .0014624 | .002856 | .042391 | .0023055 | .0011958 |
| %RSD | 20.30487 | .3166860 | .2812225 | 13.48862 | .2540582 | .1245932 |
| #1 | -.041052 | .4625093 | 1.017776 | -.288841 | .9094583 | .9589790 |
| #2 | -.060506 | .4627190 | 1.012325 | -.290767 | .9049364 | .9591956 |
| #3 | -.046569 | .4600878 | 1.016530 | -.363208 | .9079782 | .9611500 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICSAB01 Acquired: 8/19/2025 12:46:49 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9405771 | .9303419 | .9927519 | F .0091550 | F -.003677 | F -.030877 |
| Stddev | .0037412 | .0009704 | .0244290 | .0020686 | .000785 | .000512 |
| %RSD | .3977526 | .1043014 | 2.460732 | 22.59517 | 21.33711 | 1.656874 |
| #1 | .9415176 | .9308212 | .9663987 | .0108640 | -.004562 | -.031405 |
| #2 | .9364555 | .9309793 | 1.014641 | .0097456 | -.003068 | -.030844 |
| #3 | .9437583 | .9292252 | .997216 | .0068553 | -.003401 | -.030383 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F -.000911 |
| Stddev | .000423 |
| %RSD | 46.38602 |
| #1 | -.000557 |
| #2 | -.001379 |
| #3 | -.000797 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6139.761 | 103393.9 | 11664.80 | 4773.274 | 6864.956 |
| Stddev | 5.805 | 364.4 | 85.08 | 30.960 | 4.577 |
| %RSD | .0945557 | .3524741 | .7293489 | .6486157 | .0666785 |
| #1 | 6144.548 | 103747.8 | 11603.89 | 4755.282 | 6868.201 |
| #2 | 6133.304 | 103414.1 | 11762.01 | 4809.023 | 6859.720 |
| #3 | 6141.432 | 103019.8 | 11628.51 | 4755.516 | 6866.946 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICSADLX20 Acquired: 8/19/2025 12:51:03 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000160** | **-.000212** | **.0005303** | **-.002242** | **.0011253** | **12.15168** | **-.004296** |
| Stddev | .001038 | .000150 | .0007521 | .001008 | .0005576 | .01305 | .000523 |
| %RSD | 649.2826 | 70.60744 | 141.8198 | 44.96105 | 49.55385 | .1073950 | 12.16464 |
| #1 | -.000731 | -.000231 | .0013883 | -.001078 | .0005042 | 12.16618 | -.004452 |
| #2 | .001039 | -.000054 | .0002171 | -.002816 | .0012887 | 12.14088 | -.004723 |
| #3 | -.000788 | -.000351 | -.000015 | -.002832 | .0015829 | 12.14798 | -.003713 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0006011** | **.0007603** | **12.06896** | **.0030731** | **.0005000** | **.0001957** | **4.894649** |
| Stddev | .0000577 | .0000352 | .03503 | .0002943 | .0002752 | .0002957 | .009623 |
| %RSD | 9.596325 | 4.624477 | .2902303 | 9.576460 | 55.03898 | 151.0824 | .1965954 |
| #1 | .0006077 | .0008004 | 12.10608 | .0027422 | .0002017 | .0005211 | 4.903413 |
| #2 | .0005403 | .0007347 | 12.06431 | .0033054 | .0005543 | -.000057 | 4.884352 |
| #3 | .0006551 | .0007457 | 12.03649 | .0031717 | .0007440 | .000123 | 4.896182 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0001651** | **12.37448** | **.0010179** | **-.000339** | **-.126357** | **-.000007** | **.0006511** |
| Stddev | .0006659 | .07901 | .0002503 | .000220 | .012159 | .001103 | .0000372 |
| %RSD | 403.2691 | .6384679 | 24.59248 | 64.98922 | 9.623005 | 15285.66 | 5.716741 |
| #1 | .0002294 | 12.46432 | .0009265 | -.000485 | -.138741 | .000973 | .0006093 |
| #2 | .0007965 | 12.34330 | .0008261 | -.000086 | -.114435 | .000206 | .0006807 |
| #3 | -.000531 | 12.31582 | .0013010 | -.000446 | -.125894 | -.001201 | .0006633 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.419174** | **-.000472** | **.0004631** | **-.003077** | **.0008375** | **.0051455** | **.0016092** |
| Stddev | .021763 | .000425 | .0000951 | .000323 | .0018357 | .0086724 | .0010601 |
| %RSD | 5.191802 | 89.94920 | 20.54573 | 10.49107 | 219.1858 | 168.5413 | 65.87757 |
| #1 | -.405356 | -.000194 | .0005637 | -.002807 | .0023221 | .0143656 | .0006339 |
| #2 | -.444260 | -.000961 | .0003745 | -.002990 | .0014055 | .0039199 | .0027374 |
| #3 | -.407906 | -.000262 | .0004512 | -.003435 | -.001215 | -.002849 | .0014562 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICSADLX20 Acquired: 8/19/2025 12:51:03 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000636 | -.006615 | .0002652 |
| Stddev | .001247 | .001512 | .0000824 |
| %RSD | 196.0473 | 22.85655 | 31.06195 |
| #1 | -.001554 | -.007154 | .0002874 |
| #2 | .000784 | -.007783 | .0003343 |
| #3 | -.001138 | -.004907 | .0001740 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6585.663 | 112285.3 | 11386.52 | 5144.723 | 8084.077 |
| Stddev | 10.821 | 220.8 | 55.89 | 23.955 | 12.146 |
| %RSD | .1643162 | .1966372 | .4908831 | .4656154 | .1502465 |
| #1 | 6583.734 | 112522.7 | 11322.41 | 5159.552 | 8086.319 |
| #2 | 6597.319 | 112247.2 | 11412.16 | 5157.530 | 8094.946 |
| #3 | 6575.935 | 112086.0 | 11425.00 | 5117.087 | 8070.967 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICSABDLX20 Acquired: 8/19/2025 12:55:18 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0046062 | .0060455 | .0016570 | .0003145 | .0304960 | 12.65782 | .0226206 |
| Stddev | .0013982 | .0018346 | .0006989 | .0013587 | .0003464 | .00975 | .0004641 |
| %RSD | 30.35474 | 30.34637 | 42.17529 | 431.9599 | 1.135813 | .0770353 | 2.051617 |
| #1 | .0061851 | .0047361 | .0010445 | .0005240 | .0308951 | 12.65682 | .0230932 |
| #2 | .0035248 | .0052582 | .0024183 | .0015564 | .0302738 | 12.66804 | .0221655 |
| #3 | .0041087 | .0081424 | .0015083 | -.001137 | .0303191 | 12.64861 | .0226033 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0257449 | .0487126 | 12.56602 | .0287052 | .0247865 | .0261791 | 5.080988 |
| Stddev | .0002487 | .0002054 | .04397 | .0003992 | .0001751 | .0001266 | .021052 |
| %RSD | .9660922 | .4216078 | .3499101 | 1.390696 | .7062317 | .4834588 | .4143369 |
| #1 | .0258639 | .0486490 | 12.56541 | .0282958 | .0246107 | .0262587 | 5.071986 |
| #2 | .0259118 | .0485466 | 12.61029 | .0290933 | .0247879 | .0260331 | 5.105044 |
| #3 | .0254591 | .0489423 | 12.52236 | .0287264 | .0249608 | .0262454 | 5.065932 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0251500 | 12.95450 | .0495006 | .0102715 | -.127863 | .0286345 | .0526278 |
| Stddev | .0005826 | .03965 | .0000597 | .0004112 | .008530 | .0003903 | .0003193 |
| %RSD | 2.316508 | .3060972 | .1205076 | 4.003642 | 6.671021 | 1.363112 | .6066792 |
| #1 | .0255246 | 12.98684 | .0495039 | .0099642 | -.126010 | .0287295 | .0523913 |
| #2 | .0254468 | 12.96641 | .0495586 | .0107387 | -.137167 | .0282054 | .0529910 |
| #3 | .0244788 | 12.91026 | .0494394 | .0101117 | -.120412 | .0289685 | .0525011 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.399250 | .0481047 | .0516344 | .0451409 | .0503757 | .0467397 | .0012430 |
| Stddev | .010952 | .0006014 | .0003932 | .0005147 | .0014878 | .0092387 | .0021781 |
| %RSD | 2.743175 | 1.250183 | .7616137 | 1.140113 | 2.953473 | 19.76621 | 175.2317 |
| #1 | -.411893 | .0474477 | .0520339 | .0447178 | .0516617 | .0558290 | .0025199 |
| #2 | -.392664 | .0482386 | .0512477 | .0449910 | .0487461 | .0470314 | .0024811 |
| #3 | -.393193 | .0486279 | .0516217 | .0457138 | .0507193 | .0373586 | -.001272 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: ICSABDLX20 Acquired: 8/19/2025 12:55:18 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **-.002049** | **-.007314** | **.0002550** |
| Stddev | .001353 | .000572 | .0000134 |
| %RSD | 66.04059 | 7.818787 | 5.252819 |
| #1 | -.000528 | -.007952 | .0002550 |
| #2 | -.003118 | -.006847 | .0002416 |
| #3 | -.002500 | -.007143 | .0002684 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6480.575** | **110875.1** | **11197.94** | **5095.513** | **7941.963** |
| Stddev | 5.987 | 286.5 | 46.68 | 20.135 | 8.587 |
| %RSD | .0923861 | .2583600 | .4168541 | .3951509 | .1081241 |
| #1 | 6480.946 | 111115.0 | 11176.35 | 5081.486 | 7944.547 |
| #2 | 6474.411 | 110558.0 | 11165.96 | 5086.470 | 7932.380 |
| #3 | 6486.368 | 110952.4 | 11251.50 | 5118.584 | 7948.961 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV01 Acquired: 8/19/2025 12:59:30 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.051097** | **5.149283** | **4.945965** | **5.093720** | **5.078265** | **9.983093** | **10.05142** |
| Stddev | .004723 | .071601 | .003229 | .012752 | .001380 | .014590 | .12507 |
| %RSD | .0935022 | 1.390496 | .0652923 | .2503379 | .0271768 | .1461443 | 1.244318 |
| #1 | 5.049792 | 5.089953 | 4.942342 | 5.085501 | 5.078826 | 9.996713 | 10.19575 |
| #2 | 5.056335 | 5.228814 | 4.948542 | 5.108409 | 5.079276 | 9.967696 | 9.98366 |
| #3 | 5.047164 | 5.129082 | 4.947011 | 5.087249 | 5.076693 | 9.984869 | 9.97485 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2438033** | **2.479964** | **25.08721** | **1.003310** | **2.483537** | **1.258963** | **5.139571** |
| Stddev | .0008196 | .001367 | .07227 | .005345 | .001682 | .000381 | .035800 |
| %RSD | .3361644 | .0551334 | .2880625 | .5327549 | .0677383 | .0302950 | .6965574 |
| #1 | .2444329 | 2.478453 | 25.16143 | .997158 | 2.481791 | 1.258824 | 5.116558 |
| #2 | .2428766 | 2.480324 | 25.01707 | 1.005952 | 2.483671 | 1.258671 | 5.180818 |
| #3 | .2441003 | 2.481116 | 25.08312 | 1.006820 | 2.485148 | 1.259395 | 5.121339 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.498985** | **24.69962** | **2.480200** | **1.256796** | **26.00833** | **2.502273** | **2.538210** |
| Stddev | .019607 | .05241 | .001740 | .001982 | .11770 | .007286 | .006803 |
| %RSD | .7846149 | .2121933 | .0701521 | .1576806 | .4525560 | .2911888 | .2680124 |
| #1 | 2.519410 | 24.75883 | 2.478192 | 1.254511 | 26.13571 | 2.510461 | 2.533629 |
| #2 | 2.480313 | 24.65917 | 2.481142 | 1.257832 | 25.90360 | 2.496503 | 2.534975 |
| #3 | 2.497231 | 24.68085 | 2.481266 | 1.258044 | 25.98569 | 2.499854 | 2.546027 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **25.40693** | **4.883084** | **5.046582** | **4.980413** | **5.008938** | **5.092893** | **5.034715** |
| Stddev | .05073 | .021858 | .005061 | .006499 | .021129 | .031036 | .021945 |
| %RSD | .1996839 | .4476193 | .1002939 | .1304857 | .4218339 | .6094013 | .4358781 |
| #1 | 25.44822 | 4.901268 | 5.042478 | 4.977475 | 5.032542 | 5.062941 | 5.019884 |
| #2 | 25.35030 | 4.858834 | 5.052238 | 4.987862 | 4.991791 | 5.124910 | 5.059924 |
| #3 | 25.42228 | 4.889150 | 5.045031 | 4.975902 | 5.002479 | 5.090828 | 5.024336 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV01 Acquired: 8/19/2025 12:59:30 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **4.983816** | **4.994075** | **5.115548** |
| Stddev | .012293 | .032401 | .051855 |
| %RSD | .2466670 | .6487959 | 1.013679 |
| | | | |
| #1 | 4.971014 | 5.024044 | 5.166182 |
| #2 | 4.995528 | 4.959693 | 5.062552 |
| #3 | 4.984907 | 4.998488 | 5.117910 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6318.344** | **107103.0** | **11081.36** | **4919.564** | **7344.251** |
| Stddev | 13.566 | 195.0 | 43.94 | 20.313 | 14.570 |
| %RSD | .2147139 | .1821072 | .3965261 | .4128955 | .1983833 |
| | | | | | |
| #1 | 6304.086 | 107299.5 | 11033.03 | 4940.177 | 7331.890 |
| #2 | 6331.092 | 106909.4 | 11118.91 | 4918.948 | 7360.315 |
| #3 | 6319.856 | 107100.1 | 11092.12 | 4899.566 | 7340.548 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB01 Acquired: 8/19/2025 13:03:41 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0006441 | .0015590 | .0004083 | -.000746 | .0018405 | .0086897 | -.002394 |
| Stddev | .0013912 | .0017952 | .0007685 | .002419 | .0013759 | .0014941 | .000519 |
| %RSD | 215.9971 | 115.1485 | 188.2342 | 324.1177 | 74.75580 | 17.19340 | 21.67800 |
| #1 | -.000956 | .0016196 | .0009097 | .001650 | .0031858 | .0104099 | -.002040 |
| #2 | .001568 | -.000266 | .0007917 | -.003188 | .0004360 | .0079430 | -.002989 |
| #3 | .001320 | .003323 | -.000476 | -.000701 | .0018995 | .0077162 | -.002152 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000204 | .0001067 | -.001513 | -.000118 | .0001374 | -.000064 | -.000142 |
| Stddev | .0000260 | .0000354 | .007736 | .000249 | .0000821 | .000283 | .004708 |
| %RSD | 127.0470 | 33.21632 | 511.2899 | 212.2187 | 59.79418 | 442.8316 | 3322.076 |
| #1 | .0000332 | .0000718 | -.010350 | .000163 | .0002176 | .000261 | .000070 |
| #2 | .0000376 | .0001426 | .001778 | -.000201 | .0001411 | -.000257 | -.004952 |
| #3 | -.000009 | .0001056 | .004033 | -.000314 | .0000534 | -.000196 | .004457 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000441 | -.018259 | -.000099 | -.000394 | -.140596 | .0018162 | -.000508 |
| Stddev | .000329 | .005293 | .000199 | .000480 | .022778 | .0011717 | .000158 |
| %RSD | 74.76765 | 28.98795 | 201.7673 | 121.9143 | 16.20080 | 64.51777 | 31.07458 |
| #1 | -.000134 | -.023547 | .000060 | -.000055 | -.160598 | .0031676 | -.000594 |
| #2 | -.000789 | -.012961 | -.000322 | -.000184 | -.145385 | .0010846 | -.000605 |
| #3 | -.000400 | -.018267 | -.000034 | -.000943 | -.115804 | .0011962 | -.000326 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.402771 | .0014592 | .0006949 | -.002154 | .0004587 | .0082270 | .0006927 |
| Stddev | .035025 | .0001671 | .0000565 | .000257 | .0011706 | .0046000 | .0017609 |
| %RSD | 8.696043 | 11.45095 | 8.126958 | 11.92079 | 255.1919 | 55.91340 | 254.2140 |
| #1 | -.434251 | .0012824 | .0007430 | -.001897 | -.000027 | .0076210 | .0021892 |
| #2 | -.365042 | .0014805 | .0006327 | -.002410 | .001794 | .0039600 | -.001248 |
| #3 | -.409019 | .0016145 | .0007090 | -.002157 | -.000391 | .0131000 | .001137 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB01 Acquired: 8/19/2025 13:03:41 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.003848 | -.004581 | .0001905 |
| Stddev | .001350 | .001889 | .0000835 |
| %RSD | 35.09864 | 41.22596 | 43.84654 |
| #1 | -.002506 | -.002652 | .0002511 |
| #2 | -.003829 | -.004665 | .0002252 |
| #3 | -.005207 | -.006427 | .0000952 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6586.129 | 112432.6 | 11294.39 | 5124.724 | 8372.637 |
| Stddev | 4.979 | 177.4 | 58.57 | 20.722 | 7.577 |
| %RSD | .0756004 | .1577561 | .5185637 | .4043617 | .0904914 |
| #1 | 6591.853 | 112406.5 | 11255.75 | 5130.175 | 8368.042 |
| #2 | 6583.729 | 112621.6 | 11361.78 | 5101.821 | 8381.382 |
| #3 | 6582.804 | 112269.8 | 11265.64 | 5142.176 | 8368.488 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: LR-2 Acquired: 8/19/2025 13:12:39 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2554783 | -.322260 | -.108637 | -.025420 | -.119621 | 1891.260 | .0207094 |
| Stddev | .0034299 | .007208 | .006106 | .006853 | .003065 | 22.821 | .0009205 |
| %RSD | 1.342558 | 2.236801 | 5.620188 | 26.95922 | 2.562020 | 1.206668 | 4.444746 |
| #1 | .2587439 | -.314161 | -.115675 | -.032547 | -.118069 | 1870.921 | .0204599 |
| #2 | .2519048 | -.324647 | -.104765 | -.018878 | -.117642 | 1915.940 | .0199394 |
| #3 | .2557860 | -.327972 | -.105471 | -.024835 | -.123151 | 1886.919 | .0217289 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0789501 | .0569504 | 15.08615 | -.047627 | .0673268 | -.038368 | 2807.104 |
| Stddev | .0009606 | .0013139 | .28210 | .000385 | .0006419 | .015357 | 16.664 |
| %RSD | 1.216775 | 2.307131 | 1.869949 | .8089820 | .9534740 | 40.02501 | .5936351 |
| #1 | .0779110 | .0570478 | 15.40220 | -.047188 | .0666205 | -.021147 | 2787.872 |
| #2 | .0798058 | .0555905 | 14.99647 | -.047912 | .0674851 | -.043318 | 2816.164 |
| #3 | .0791335 | .0582129 | 14.85980 | -.047780 | .0678747 | -.050640 | 2817.275 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.484234 | 1.006017 | .0478135 | ^ ***** | 3.561108 | .0421729 | .0976029 |
| Stddev | .001243 | .033046 | .0002934 | ----- | .040120 | .0027369 | .0015632 |
| %RSD | .2566882 | 3.284811 | .6136506 | ----- | 1.126628 | 6.489709 | 1.601628 |
| #1 | -.483455 | 1.002641 | .0474948 | ^ ----- | 3.548194 | .0426874 | .0989545 |
| #2 | -.485668 | 1.040621 | .0480725 | ^ ----- | 3.606095 | .0392153 | .0979632 |
| #3 | -.483581 | .974789 | .0478731 | ^ ----- | 3.529035 | .0446160 | .0958910 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1840.518 | ^ ***** | -.016513 | .0166440 | .0041458 | .5163038 | .0882775 |
| Stddev | 16.743 | ----- | .000723 | .0027761 | .0004937 | .0207781 | .0059659 |
| %RSD | .9096951 | ----- | 4.378997 | 16.67894 | 11.90882 | 4.024400 | 6.758157 |
| #1 | 1849.774 | ^ ----- | -.015687 | .0144174 | .0047058 | .4923323 | .0847233 |
| #2 | 1850.589 | ^ ----- | -.016822 | .0197544 | .0037735 | .5291591 | .0849440 |
| #3 | 1821.190 | ^ ----- | -.017030 | .0157602 | .0039580 | .5274201 | .0951652 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: LR-2 Acquired: 8/19/2025 13:12:39 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.506195 | .2854290 | -2.69071 |
| Stddev | .008899 | .0022494 | .01594 |
| %RSD | 1.758023 | .7880671 | .5924869 |
| #1 | -.495939 | .2828543 | -2.67231 |
| #2 | -.511867 | .2870129 | -2.69934 |
| #3 | -.510780 | .2864198 | -2.70048 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 5147.630 | 85136.72 | 10720.53 | 3958.517 | 5445.676 |
| Stddev | 5.246 | 174.25 | 98.36 | 7.935 | 6.530 |
| %RSD | .1019056 | .2046742 | .9174605 | .2004468 | .1199112 |
| #1 | 5145.893 | 85326.82 | 10768.38 | 3966.589 | 5441.826 |
| #2 | 5153.524 | 84984.56 | 10607.40 | 3958.236 | 5453.215 |
| #3 | 5143.474 | 85098.77 | 10785.80 | 3950.727 | 5441.986 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: LR-3 Acquired: 8/19/2025 13:17:07 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1013319 | .0355911 | 227.2070 | .0021428 | .1440763 | .1204380 | -.002534 |
| Stddev | .0014075 | .0032266 | 1.0420 | .0026125 | .0026254 | .0031984 | .000930 |
| %RSD | 1.388954 | 9.065732 | .4586099 | 121.9226 | 1.822249 | 2.655654 | 36.70849 |
| #1 | .1015081 | .0367568 | 228.3402 | .0000512 | .1426320 | .1216335 | -.001627 |
| #2 | .1026430 | .0319436 | 226.9906 | .0013059 | .1424901 | .1228665 | -.002488 |
| #3 | .0998446 | .0380728 | 226.2901 | .0050712 | .1471068 | .1168141 | -.003485 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.005216 | -.001877 | .2245361 | 23.73961 | .0068190 | 52.55998 | .1237895 |
| Stddev | .000036 | .000052 | .0051908 | .19011 | .0000656 | .06009 | .0054496 |
| %RSD | .6833522 | 2.794801 | 2.311803 | .8008112 | .9616227 | .1143278 | 4.402277 |
| #1 | -.005218 | -.001916 | .2217612 | 23.88922 | .0067787 | 52.62544 | .1178499 |
| #2 | -.005251 | -.001817 | .2213224 | 23.80393 | .0067836 | 52.54716 | .1285589 |
| #3 | -.005179 | -.001897 | .2305246 | 23.52568 | .0068947 | 52.50733 | .1249597 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 49.06710 | -.174730 | 23.59847 | .0041685 | .2811849 | -.040004 | 29.14966 |
| Stddev | .33203 | .007524 | .03813 | .0002697 | .0187514 | .001891 | .11106 |
| %RSD | .6766909 | 4.305894 | .1615575 | 6.470536 | 6.668694 | 4.726615 | .3809989 |
| #1 | 49.25825 | -.181302 | 23.64105 | .0040812 | .2982138 | -.038905 | 29.26602 |
| #2 | 49.25936 | -.176366 | 23.58685 | .0039533 | .2842517 | -.042187 | 29.13817 |
| #3 | 48.68371 | -.166523 | 23.56750 | .0044711 | .2610892 | -.038919 | 29.04479 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5061665 | .0021962 | -.014259 | -.011756 | -.044824 | -.113205 | .1054864 |
| Stddev | .0237797 | .0004402 | .000258 | .000022 | .000769 | .008769 | .0024912 |
| %RSD | 4.698002 | 20.04494 | 1.807588 | .1872012 | 1.715323 | 7.746229 | 2.361668 |
| #1 | .5336057 | .0024666 | -.014114 | -.011734 | -.044900 | -.105391 | .1067495 |
| #2 | .4933361 | .0016882 | -.014556 | -.011778 | -.044019 | -.111534 | .1070930 |
| #3 | .4915576 | .0024338 | -.014106 | -.011757 | -.045551 | -.122689 | .1026166 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: LR-3 Acquired: 8/19/2025 13:17:07 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0542301 | -.000474 | .0003778 |
| Stddev | .0015059 | .000739 | .0000627 |
| %RSD | 2.776882 | 156.0095 | 16.60452 |
| #1 | .0538658 | -.000227 | .0004378 |
| #2 | .0558848 | .000111 | .0003829 |
| #3 | .0529398 | -.001304 | .0003126 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6191.521 | 112063.6 | 11130.77 | 4937.354 | 7939.898 |
| Stddev | 6.331 | 469.9 | 5.78 | 26.031 | 7.079 |
| %RSD | .1022555 | .4193030 | .0519575 | .5272193 | .0891560 |
| #1 | 6193.526 | 111586.9 | 11136.85 | 4937.685 | 7936.693 |
| #2 | 6184.430 | 112077.6 | 11125.34 | 4911.159 | 7934.989 |
| #3 | 6196.606 | 112526.3 | 11130.13 | 4963.217 | 7948.013 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2552-06 Acquired: 8/19/2025 13:26:37 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0008315 | .0002059 | .0045882 | -.002692 | -.001649 | .0035408 | -.003355 |
| Stddev | .0014475 | .0007109 | .0013498 | .001071 | .000619 | .0037720 | .001103 |
| %RSD | 174.0878 | 345.1960 | 29.41839 | 39.80126 | 37.54943 | 106.5286 | 32.86317 |
| #1 | -.000670 | .0004431 | .0058261 | -.003177 | -.000955 | .0016210 | -.003463 |
| #2 | .000947 | -.000593 | .0047892 | -.003434 | -.002144 | .0078865 | -.004400 |
| #3 | .002218 | .000768 | .0031491 | -.001464 | -.001847 | .0011150 | -.002203 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001038 | .0000640 | .0691238 | -.000368 | -.000049 | .0005398 | .0067656 |
| Stddev | .0000023 | .0000625 | .0098556 | .000367 | .000099 | .0001755 | .0015414 |
| %RSD | 2.269182 | 97.56946 | 14.25789 | 99.74670 | 202.3828 | 32.51031 | 22.78315 |
| #1 | .0001015 | .0000925 | .0776021 | -.000118 | .000060 | .0007203 | .0085451 |
| #2 | .0001035 | .0001071 | .0714589 | -.000790 | -.000074 | .0003698 | .0058446 |
| #3 | .0001062 | -.000008 | .0583104 | -.000197 | -.000133 | .0005294 | .0059072 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0007495 | .0788781 | -.000555 | -.000223 | 8.712899 | .0002610 | -.000399 |
| Stddev | .0004101 | .0256402 | .000184 | .000259 | .019197 | .0021653 | .000151 |
| %RSD | 54.71952 | 32.50605 | 33.17950 | 116.2789 | .2203249 | 829.7688 | 37.95053 |
| #1 | .0009337 | .0961412 | -.000355 | .000036 | 8.708409 | -.001580 | -.000517 |
| #2 | .0010353 | .0910771 | -.000592 | -.000482 | 8.733943 | -.000284 | -.000228 |
| #3 | .0002796 | .0494161 | -.000718 | -.000223 | 8.696346 | .002647 | -.000451 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.284340 | -.003504 | .0008344 | -.017752 | .0006190 | 5.327072 | .0023293 |
| Stddev | .010500 | .000198 | .0001178 | .000371 | .0003563 | .021447 | .0011104 |
| %RSD | 3.692933 | 5.658677 | 14.12104 | 2.091491 | 57.56524 | .4025977 | 47.67013 |
| #1 | -.289778 | -.003444 | .0007136 | -.018142 | .0009721 | 5.321986 | .0025719 |
| #2 | -.291007 | -.003343 | .0009490 | -.017403 | .0002595 | 5.350605 | .0032984 |
| #3 | -.272236 | -.003725 | .0008406 | -.017712 | .0006253 | 5.308626 | .0011177 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2552-06 Acquired: 8/19/2025 13:26:37 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0025576 | -.007172 | -.000040 |
| Stddev | .0028530 | .001738 | .000022 |
| %RSD | 111.5500 | 24.23241 | 55.03286 |
| #1 | .0016768 | -.007027 | -.000038 |
| #2 | .0057472 | -.005511 | -.000019 |
| #3 | .0002489 | -.008977 | -.000063 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6746.090 | 115884.5 | 11722.41 | 5299.161 | 8458.062 |
| Stddev | 9.663 | 587.0 | 45.30 | 36.635 | 19.309 |
| %RSD | .1432427 | .5065410 | .3864288 | .6913357 | .2282955 |
| #1 | 6755.699 | 116434.4 | 11746.91 | 5334.976 | 8479.990 |
| #2 | 6746.196 | 115952.7 | 11750.18 | 5300.749 | 8450.593 |
| #3 | 6736.374 | 115266.4 | 11670.14 | 5261.757 | 8443.603 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169295BL Acquired: 8/19/2025 13:30:56 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0003065** | **.0001872** | **.0013814** | **.0006147** | **.0001586** | **.0089859** | **-.003629** |
| Stddev | .0010122 | .0008904 | .0006710 | .0007214 | .0010537 | .0085367 | .000552 |
| %RSD | 330.2677 | 475.7009 | 48.57700 | 117.3527 | 664.5768 | 95.00093 | 15.20091 |
| #1 | .0014750 | -.000134 | .0006359 | .0014266 | .0007910 | .0082082 | -.004033 |
| #2 | -.000300 | .001194 | .0015712 | .0000475 | -.001058 | .0178849 | -.003000 |
| #3 | -.000255 | -.000498 | .0019370 | .0003700 | .000743 | .0008647 | -.003854 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0000244** | **.0000340** | **.0149270** | **.0000165** | **.0000703** | **.0000436** | **-.003213** |
| Stddev | .0000420 | .0000652 | .0094018 | .0000921 | .0000416 | .0002684 | .003665 |
| %RSD | 172.0999 | 191.4316 | 62.98557 | 558.2139 | 59.27207 | 616.0013 | 114.0546 |
| #1 | .0000405 | -.000010 | .0214580 | -.000068 | .0000951 | -.000250 | -.007221 |
| #2 | -.000023 | .000109 | .0191718 | .000003 | .0000934 | .000104 | -.000033 |
| #3 | .000056 | .000003 | .0041512 | .000114 | .0000222 | .000277 | -.002386 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000440** | **.0209408** | **-.000153** | **.0000058** | **.6256404** | **.0006390** | **-.000326** |
| Stddev | .000552 | .0186600 | .000226 | .0003439 | .0344634 | .0019628 | .000118 |
| %RSD | 125.3908 | 89.10865 | 147.9044 | 5976.765 | 5.508502 | 307.1828 | 36.09040 |
| #1 | -.001063 | -.000604 | .000105 | -.000307 | .6613186 | -.000770 | -.000254 |
| #2 | -.000011 | .031970 | -.000245 | .000374 | .6230665 | -.000195 | -.000461 |
| #3 | -.000247 | .031456 | -.000319 | -.000049 | .5925361 | .002881 | -.000262 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1667093** | **-.003387** | **.0001071** | **-.002939** | **.0014438** | **-.006824** | **.0006667** |
| Stddev | .0166759 | .000091 | .0002004 | .000334 | .0009566 | .005584 | .0010815 |
| %RSD | 10.00297 | 2.688306 | 187.1588 | 11.36129 | 66.25702 | 81.81693 | 162.2035 |
| #1 | .1838392 | -.003400 | .0002767 | -.002707 | .0003932 | -.006682 | .0014136 |
| #2 | .1657609 | -.003471 | -.000114 | -.002788 | .0022645 | -.012478 | .0011600 |
| #3 | .1505279 | -.003290 | .000159 | -.003322 | .0016737 | -.001314 | -.000573 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169295BL Acquired: 8/19/2025 13:30:56 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.002417 | .0066830 | -.000019 |
| Stddev | .000213 | .0029076 | .000038 |
| %RSD | 8.830663 | 43.50840 | 195.7168 |
| | | | |
| #1 | -.002663 | .0088558 | .000017 |
| #2 | -.002279 | .0078132 | -.000016 |
| #3 | -.002309 | .0033799 | -.000058 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6601.087 | 112410.8 | 11152.06 | 5123.738 | 8364.744 |
| Stddev | 5.039 | 131.2 | 74.84 | 22.185 | 11.530 |
| %RSD | .0763352 | .1167577 | .6711100 | .4329839 | .1378376 |
| | | | | | |
| #1 | 6606.827 | 112451.3 | 11217.35 | 5117.356 | 8377.903 |
| #2 | 6597.394 | 112264.1 | 11070.38 | 5105.443 | 8359.918 |
| #3 | 6599.039 | 112517.1 | 11168.46 | 5148.414 | 8356.412 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169295BS Acquired: 8/19/2025 13:35:15 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.7614040** | **1.934871** | **.9270779** | **1.935253** | **.8041438** | **1.947877** |
| Stddev | .0024216 | .054767 | .0002334 | .005867 | .0003588 | .014518 |
| %RSD | .3180417 | 2.830544 | .0251745 | .3031803 | .0446201 | .7453092 |
| #1 | .7639497 | 1.920193 | .9271896 | 1.932783 | .8039331 | 1.939080 |
| #2 | .7611330 | 1.995482 | .9268096 | 1.941951 | .8045581 | 1.939917 |
| #3 | .7591294 | 1.888938 | .9272343 | 1.931024 | .8039403 | 1.964634 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1909475** | **.1940561** | **.1842710** | **1.003267** | **.3929703** | **.1888444** |
| Stddev | .0010549 | .0005502 | .0002230 | .007905 | .0004134 | .0004979 |
| %RSD | .5524373 | .2835467 | .1210188 | .7879068 | .1052066 | .2636407 |
| #1 | .1920021 | .1940920 | .1840922 | .998434 | .3934258 | .1885869 |
| #2 | .1898924 | .1934888 | .1841998 | .998979 | .3928663 | .1885280 |
| #3 | .1909480 | .1945875 | .1845208 | 1.012390 | .3926188 | .1894183 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.3005036** | **2.973313** | **.1988306** | **1.963641** | **.4747079** | **.0731993** |
| Stddev | .0005109 | .007230 | .0006239 | .013794 | .0010427 | .0002757 |
| %RSD | .1700092 | .2431639 | .3137984 | .7024493 | .2196450 | .3766941 |
| #1 | .3002824 | 2.970594 | .1989245 | 1.955031 | .4745029 | .0734672 |
| #2 | .3001405 | 2.967837 | .1981651 | 1.979551 | .4737830 | .0732143 |
| #3 | .3010877 | 2.981509 | .1994023 | 1.956342 | .4758379 | .0729163 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **3.177271** | **.2925669** | **.2021068** | **9.460940** | **.2828728** | **.4016826** |
| Stddev | .018864 | .0013072 | .0010311 | .034147 | .0008124 | .0001519 |
| %RSD | .5937105 | .4467944 | .5101744 | .3609256 | .2871970 | .0378208 |
| #1 | 3.167052 | .2934529 | .2014278 | 9.476456 | .2830113 | .4017337 |
| #2 | 3.165721 | .2931822 | .2015993 | 9.484574 | .2820000 | .4018023 |
| #3 | 3.199039 | .2910656 | .2032933 | 9.421790 | .2836070 | .4015117 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169295BS Acquired: 8/19/2025 13:35:15 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6644329** | **.1946709** | **.9105246** | **5.378914** | F **-.002726** | **.1982390** |
| Stddev | .0007636 | .0018954 | .0142850 | .022310 | .001217 | .0016079 |
| %RSD | .1149309 | .9736456 | 1.568876 | .4147633 | 44.64971 | .8110827 |
| #1 | .6643579 | .1967121 | .9108262 | 5.378099 | -.001652 | .2000732 |
| #2 | .6652313 | .1943342 | .9246565 | 5.401620 | -.004048 | .1970728 |
| #3 | .6637095 | .1929664 | .8960912 | 5.357023 | -.002478 | .1975709 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.1910875** |
| Stddev | .0003297 |
| %RSD | .1725245 |
| #1 | .1909336 |
| #2 | .1908629 |
| #3 | .1914660 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6549.796** | **110828.3** | **11186.33** | **5090.839** | **8050.821** |
| Stddev | 8.376 | 166.2 | 37.28 | 6.972 | 14.833 |
| %RSD | .1278799 | .1499723 | .3332800 | .1369579 | .1842370 |
| #1 | 6555.844 | 110643.9 | 11184.32 | 5092.056 | 8057.804 |
| #2 | 6553.308 | 110874.3 | 11224.57 | 5097.122 | 8060.874 |
| #3 | 6540.236 | 110966.6 | 11150.09 | 5083.338 | 8033.786 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2552-03 Acquired: 8/19/2025 13:39:15 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002945 | .0009859 | .0013764 | -.003199 | -.001233 | .0042023 | -.003281 |
| Stddev | .0015222 | .0014160 | .0011352 | .000635 | .002278 | .0045751 | .000838 |
| %RSD | 516.8820 | 143.6311 | 82.47523 | 19.84471 | 184.6964 | 108.8734 | 25.54889 |
| #1 | -.001257 | .0024187 | .0017468 | -.002517 | -.000599 | -.000279 | -.002327 |
| #2 | .001785 | -.000413 | .0001023 | -.003308 | .000660 | .008866 | -.003901 |
| #3 | .000355 | .000952 | .0022801 | -.003773 | -.003761 | .004020 | -.003616 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001815 | .0000406 | 66.10390 | -.000751 | .0002273 | -.000145 | -.007227 |
| Stddev | .0000761 | .0000117 | .18937 | .000392 | .0000346 | .000064 | .007459 |
| %RSD | 41.94845 | 28.74874 | .2864771 | 52.12055 | 15.20123 | 44.38036 | 103.2016 |
| #1 | .0001265 | .0000321 | 66.28923 | -.000355 | .0002007 | -.000178 | .000357 |
| #2 | .0002684 | .0000358 | 66.11174 | -.000761 | .0002150 | -.000186 | -.007485 |
| #3 | .0001497 | .0000538 | 65.91073 | -.001138 | .0002664 | -.000071 | -.014554 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000291 | 18.45810 | -.000267 | -.000269 | 44.57274 | .0023946 | -.000946 |
| Stddev | .000203 | .07599 | .000224 | .000167 | .25430 | .0016429 | .000125 |
| %RSD | 69.71797 | .4116962 | 83.96281 | 62.13843 | .5705361 | 68.60790 | 13.20725 |
| #1 | -.000068 | 18.52158 | -.000041 | -.000078 | 44.27958 | .0007617 | -.001062 |
| #2 | -.000339 | 18.47881 | -.000271 | -.000340 | 44.73398 | .0023749 | -.000814 |
| #3 | -.000465 | 18.37390 | -.000489 | -.000389 | 44.70464 | .0040473 | -.000963 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 28.38476 | -.002781 | .0003866 | -.018912 | -.001019 | -.014908 | .0015184 |
| Stddev | .07303 | .000098 | .0001446 | .000752 | .000471 | .017217 | .0014852 |
| %RSD | .2572721 | 3.521337 | 37.39917 | 3.976159 | 46.23669 | 115.4865 | 97.81704 |
| #1 | 28.30070 | -.002894 | .0002777 | -.018498 | -.001545 | -.002905 | .0027608 |
| #2 | 28.42098 | -.002716 | .0003315 | -.019780 | -.000876 | -.034635 | .0019209 |
| #3 | 28.43259 | -.002734 | .0005506 | -.018459 | -.000636 | -.007185 | -.000127 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2552-03 Acquired: 8/19/2025 13:39:15 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0078787 | -.019489 | .0066196 |
| Stddev | .0027167 | .001363 | .0000471 |
| %RSD | 34.48179 | 6.993933 | .7112715 |
| #1 | .0080304 | -.021062 | .0065987 |
| #2 | .0105165 | -.018656 | .0065866 |
| #3 | .0050894 | -.018749 | .0066735 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6384.174 | 109966.9 | 11347.07 | 5073.736 | 7541.978 |
| Stddev | 18.938 | 196.3 | 71.51 | 8.714 | 30.201 |
| %RSD | .2966338 | .1784711 | .6301997 | .1717516 | .4004386 |
| #1 | 6405.471 | 109832.0 | 11264.53 | 5079.890 | 7576.632 |
| #2 | 6369.227 | 109876.6 | 11386.17 | 5063.765 | 7521.270 |
| #3 | 6377.824 | 110192.0 | 11390.50 | 5077.553 | 7528.032 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2552-04 Acquired: 8/19/2025 13:43:32 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0226239 | .0084733 | .0464418 | .0778859 | .0187310 | .6257792 | .6640561 |
| Stddev | .0009124 | .0006487 | .0003673 | .0024654 | .0005454 | .0027453 | .0025273 |
| %RSD | 4.032940 | 7.656179 | .7908191 | 3.165392 | 2.911914 | .4386974 | .3805864 |
| #1 | .0218489 | .0092201 | .0460419 | .0761332 | .0192163 | .6229177 | .6611763 |
| #2 | .0223934 | .0081502 | .0467640 | .0807050 | .0181407 | .6283912 | .6659047 |
| #3 | .0236295 | .0080495 | .0465195 | .0768195 | .0188360 | .6260285 | .6650875 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0092491 | .0163543 | -.002419 | .0234478 | .0001840 | 1.040161 | .6197078 |
| Stddev | .0000553 | .0000214 | .006088 | .0002606 | .0001433 | .000318 | .0060185 |
| %RSD | .5982975 | .1306018 | 251.6276 | 1.111576 | 77.90718 | .0305461 | .9711825 |
| #1 | .0093121 | .0163784 | -.008430 | .0231839 | .0002578 | 1.039796 | .6127826 |
| #2 | .0092082 | .0163465 | .003743 | .0234545 | .0002753 | 1.040378 | .6236740 |
| #3 | .0092270 | .0163379 | -.002571 | .0237050 | .0000188 | 1.040309 | .6226668 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1110362 | -.021607 | .4429101 | .0839141 | .2025816 | .3175629 | 1.012476 |
| Stddev | .0003292 | .005766 | .0009322 | .0001696 | .0075964 | .0007899 | .006587 |
| %RSD | .2965198 | 26.68716 | .2104764 | .2021270 | 3.749806 | .2487425 | .6505790 |
| #1 | .1114162 | -.024076 | .4424866 | .0839605 | .2087214 | .3183324 | 1.017649 |
| #2 | .1108563 | -.015017 | .4422649 | .0840556 | .2049370 | .3167540 | 1.005061 |
| #3 | .1108360 | -.025727 | .4439789 | .0837261 | .1940865 | .3176024 | 1.014718 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.147520 | .8689415 | .0928780 | -.003713 | .0000476 | .2078477 | .0032089 |
| Stddev | .008932 | .0018070 | .0002339 | .000153 | .0007451 | .0143427 | .0005306 |
| %RSD | 6.055036 | .2079565 | .2517999 | 4.116714 | 1564.784 | 6.900578 | 16.53462 |
| #1 | -.155922 | .8707115 | .0929127 | -.003543 | .0008953 | .2243933 | .0031284 |
| #2 | -.148499 | .8690133 | .0926287 | -.003755 | -.000504 | .2002040 | .0027232 |
| #3 | -.138138 | .8670996 | .0930926 | -.003840 | -.000249 | .1989458 | .0037751 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2552-04 Acquired: 8/19/2025 13:43:32 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.002911 | -.000329 | -.000564 |
| Stddev | .001471 | .001101 | .000112 |
| %RSD | 50.54480 | 334.3034 | 19.82582 |
| #1 | -.001377 | .000875 | -.000467 |
| #2 | -.004310 | -.001283 | -.000686 |
| #3 | -.003046 | -.000580 | -.000539 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6863.887 | 118619.1 | 11844.55 | 5340.324 | 8652.019 |
| Stddev | 5.648 | 193.6 | 13.98 | 22.424 | 2.614 |
| %RSD | .0822929 | .1631895 | .1180158 | .4199035 | .0302167 |
| #1 | 6864.379 | 118824.8 | 11832.80 | 5337.395 | 8653.659 |
| #2 | 6858.009 | 118440.5 | 11840.84 | 5364.068 | 8649.004 |
| #3 | 6869.273 | 118592.0 | 11860.00 | 5319.507 | 8653.394 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-05 Acquired: 8/19/2025 13:52:21 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1731525 | -.036779 | .9052695 | .0080731 | -.006267 | 224.7387 |
| Stddev | .0005515 | .001698 | .0011708 | .0025821 | .000879 | .7234 |
| %RSD | .3184919 | 4.615966 | .1293283 | 31.98347 | 14.01780 | .3219034 |
| #1 | .1732028 | -.034860 | .9064941 | .0067117 | -.006169 | 224.5709 |
| #2 | .1736772 | -.037394 | .9041613 | .0064566 | -.005442 | 225.5314 |
| #3 | .1725777 | -.038084 | .9051531 | .0110510 | -.007191 | 224.1140 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.219952 | .0183302 | .0167002 | 84.07499 | .3313852 | .1581553 |
| Stddev | .002606 | .0001380 | .0001960 | .04094 | .0010187 | .0003123 |
| %RSD | .2136220 | .7529688 | 1.173874 | .0486925 | .3074174 | .1974978 |
| #1 | 1.218971 | .0184712 | .0166099 | 84.08454 | .3319358 | .1579689 |
| #2 | 1.222906 | .0181954 | .0165657 | 84.03012 | .3320101 | .1585159 |
| #3 | 1.217979 | .0183239 | .0169252 | 84.11031 | .3302096 | .1579811 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4281276 | 334.9722 | 6.787924 | 70.26387 | .2967956 | .0151234 |
| Stddev | .0019045 | 1.2811 | .007573 | .24390 | .0004988 | .0008175 |
| %RSD | .4448356 | .3824397 | .1115682 | .3471137 | .1680543 | 5.405464 |
| #1 | .4301586 | 333.5196 | 6.793786 | 70.42623 | .2968965 | .0144148 |
| #2 | .4278423 | 335.9406 | 6.790611 | 69.98341 | .2972361 | .0149375 |
| #3 | .4263818 | 335.4564 | 6.779373 | 70.38197 | .2962540 | .0160178 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.260583 | .5688286 | 1.367900 | 41.42614 | .2384495 | .0139113 |
| Stddev | .022233 | .0032142 | .004190 | .17174 | .0024007 | .0001120 |
| %RSD | .4226380 | .5650497 | .3063319 | .4145701 | 1.006790 | .8050498 |
| #1 | 5.241787 | .5725385 | 1.370765 | 41.28919 | .2382127 | .0140340 |
| #2 | 5.285125 | .5668801 | 1.369843 | 41.61882 | .2409598 | .0138145 |
| #3 | 5.254838 | .5670673 | 1.363090 | 41.37040 | .2361759 | .0138854 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-05 Acquired: 8/19/2025 13:52:21 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0222386 | 9.918299 | 5.278217 | F 16.77601 | 9.502773 | .3339458 |
| Stddev | .0009061 | .011463 | .034368 | .07867 | .079496 | .0015457 |
| %RSD | 4.074240 | .1155729 | .6511316 | .4689158 | .8365523 | .4628660 |
| #1 | .0229896 | 9.916986 | 5.260253 | 16.68519 | 9.411109 | .3348273 |
| #2 | .0212323 | 9.930361 | 5.317845 | 16.81986 | 9.544382 | .3321611 |
| #3 | .0224940 | 9.907548 | 5.256554 | 16.82298 | 9.552827 | .3348492 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0629120 |
| Stddev | .0016664 |
| %RSD | 2.648846 |
| #1 | .0643256 |
| #2 | .0633360 |
| #3 | .0610746 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7118.646 | 124361.4 | 14300.36 | 5540.937 | 6887.119 |
| Stddev | 8.638 | 310.1 | 31.83 | 15.252 | 10.549 |
| %RSD | .1213469 | .2493362 | .2226088 | .2752576 | .1531755 |
| #1 | 7123.538 | 124638.1 | 14263.78 | 5536.906 | 6894.967 |
| #2 | 7123.727 | 124026.2 | 14315.55 | 5528.105 | 6891.263 |
| #3 | 7108.672 | 124419.8 | 14321.75 | 5557.799 | 6875.127 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: LR-1 Acquired: 8/19/2025 13:56:31 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000452** | **.0182584** | **.0112573** | **-.017133** | **.0166455** | **.1315536** | **-.018496** |
| Stddev | .001314 | .0077551 | .0007964 | .002989 | .0034095 | .0322698 | .001608 |
| %RSD | 290.3866 | 42.47426 | 7.074854 | 17.44869 | 20.48303 | 24.52973 | 8.691572 |
| #1 | -.001750 | .0200075 | .0112037 | -.019823 | .0179914 | .1484516 | -.020327 |
| #2 | -.000483 | .0249896 | .0104890 | -.017659 | .0127685 | .1518654 | -.017845 |
| #3 | .000876 | .0097781 | .0120792 | -.013915 | .0191767 | .0943439 | -.017315 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0001502** | **.0004109** | **2123.810** | **.0115873** | **-.000225** | **.0024227** | **.4475689** |
| Stddev | .0000564 | .0000271 | 21.800 | .0005386 | .000065 | .0006195 | .0073281 |
| %RSD | 37.57250 | 6.607864 | 1.026438 | 4.648079 | 28.76583 | 25.57174 | 1.637306 |
| #1 | .0002128 | .0003853 | 2105.095 | .0122087 | -.000296 | .0031221 | .4435386 |
| #2 | .0001342 | .0004394 | 2147.746 | .0113002 | -.000169 | .0019429 | .4560275 |
| #3 | .0001034 | .0004080 | 2118.590 | .0112532 | -.000210 | .0022031 | .4431405 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0133138** | **2125.277** | **.0084150** | **-.002252** | **2362.022** | **.0060914** | **.0463353** |
| Stddev | .0002826 | 21.519 | .0004539 | .000551 | 55.437 | .0024398 | .0003706 |
| %RSD | 2.122289 | 1.012519 | 5.394418 | 24.46209 | 2.347008 | 40.05236 | .7997835 |
| #1 | .0131801 | 2120.298 | .0088083 | -.002644 | 2419.292 | .0036977 | .0463253 |
| #2 | .0131229 | 2148.849 | .0085184 | -.002489 | 2358.155 | .0060018 | .0467108 |
| #3 | .0136384 | 2106.685 | .0079183 | -.001622 | 2308.620 | .0085748 | .0459698 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **11.87955** | **.0063839** | **.0027030** | **-.016328** | **-.100727** | **-.026675** | **.0138050** |
| Stddev | .66277 | .0002210 | .0002713 | .000385 | .000188 | .027724 | .0062186 |
| %RSD | 5.579122 | 3.461069 | 10.03585 | 2.358740 | .1861926 | 103.9328 | 45.04612 |
| #1 | 11.23563 | .0066368 | .0027613 | -.016049 | -.100527 | -.019942 | .0205488 |
| #2 | 11.84332 | .0062285 | .0029405 | -.016767 | -.100755 | -.057144 | .0125691 |
| #3 | 12.55969 | .0062863 | .0024074 | -.016167 | -.100899 | -.002937 | .0082971 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: LR-1 Acquired: 8/19/2025 13:56:31 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1977143 | -.331057 | .0597557 |
| Stddev | .0074463 | .004175 | .0006312 |
| %RSD | 3.766206 | 1.260977 | 1.056281 |
| #1 | .2060838 | -.327290 | .0604832 |
| #2 | .1952361 | -.335545 | .0593539 |
| #3 | .1918231 | -.330336 | .0594300 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 4067.274 | 73268.62 | 9964.543 | 3163.276 | 4301.788 |
| Stddev | 4.243 | 54.95 | 86.952 | 3.678 | 5.124 |
| %RSD | .1043221 | .0749932 | .8726154 | .1162596 | .1191134 |
| #1 | 4062.468 | 73321.65 | 10050.97 | 3161.974 | 4298.534 |
| #2 | 4068.851 | 73272.27 | 9965.58 | 3167.427 | 4299.136 |
| #3 | 4070.503 | 73211.94 | 9877.08 | 3160.425 | 4307.695 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-07 Acquired: 8/19/2025 14:01:09 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1592335** | **-.028480** | **.7693754** | **.0067913** | **-.002735** | **209.9858** |
| Stddev | .0011773 | .002284 | .0005478 | .0014488 | .002629 | 2.4763 |
| %RSD | .7393287 | 8.020382 | .0711965 | 21.33250 | 96.13066 | 1.179251 |
| #1 | .1591103 | -.026005 | .7699879 | .0055189 | .000008 | 212.8103 |
| #2 | .1604675 | -.030506 | .7692061 | .0083681 | -.002980 | 208.9583 |
| #3 | .1581227 | -.028930 | .7689323 | .0064871 | -.005233 | 208.1886 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.126072** | **.0175772** | **.0149063** | **71.89815** | **.3082337** | **.1443312** |
| Stddev | .005864 | .0000283 | .0001578 | .16920 | .0007572 | .0005613 |
| %RSD | .5207401 | .1607880 | 1.058942 | .2353326 | .2456490 | .3889279 |
| #1 | 1.119400 | .0175863 | .0150687 | 71.75227 | .3073727 | .1449660 |
| #2 | 1.128407 | .0175455 | .0147535 | 71.85853 | .3085328 | .1439001 |
| #3 | 1.130409 | .0175998 | .0148966 | 72.08364 | .3087956 | .1441276 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.4404087** | **303.7380** | **6.286050** | **64.11781** | **.2725598** | **.0127893** |
| Stddev | .0019274 | 1.6051 | .034374 | .17166 | .0006250 | .0013206 |
| %RSD | .4376343 | .5284638 | .5468330 | .2677333 | .2292992 | 10.32586 |
| #1 | .4403307 | 302.3177 | 6.256170 | 63.95413 | .2732804 | .0115685 |
| #2 | .4385215 | 305.4794 | 6.278362 | 64.10282 | .2722338 | .0141910 |
| #3 | .4423739 | 303.4168 | 6.323617 | 64.29648 | .2721652 | .0126084 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.344013** | **.5127216** | **1.362083** | **33.06669** | **.1780083** | **.0172268** |
| Stddev | .032714 | .0012607 | .004162 | .13923 | .0066401 | .0000282 |
| %RSD | .6121622 | .2458941 | .3055469 | .4210645 | 3.730234 | .1637294 |
| #1 | 5.308864 | .5138664 | 1.365612 | 32.91421 | .1750048 | .0171951 |
| #2 | 5.373572 | .5113704 | 1.357494 | 33.18706 | .1856194 | .0172361 |
| #3 | 5.349603 | .5129280 | 1.363145 | 33.09881 | .1734005 | .0172492 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-07 Acquired: 8/19/2025 14:01:09 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0258443 | 9.660515 | 5.592956 | F 15.53938 | 7.066284 | .2918516 |
| Stddev | .0004331 | .027822 | .029840 | .01411 | .017563 | .0017521 |
| %RSD | 1.675719 | .2880019 | .5335365 | .0908331 | .2485508 | .6003395 |
| #1 | .0253458 | 9.631170 | 5.601589 | 15.52334 | 7.046765 | .2909492 |
| #2 | .0261275 | 9.663861 | 5.617528 | 15.54989 | 7.071278 | .2907347 |
| #3 | .0260596 | 9.686513 | 5.559751 | 15.54493 | 7.080809 | .2938710 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0166446 |
| Stddev | .0018163 |
| %RSD | 10.91252 |
| #1 | .0165454 |
| #2 | .0148798 |
| #3 | .0185084 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7102.996 | 122040.5 | 13627.58 | 5482.490 | 6920.652 |
| Stddev | 12.133 | 297.1 | 58.20 | 20.285 | 8.954 |
| %RSD | .1708153 | .2434067 | .4270544 | .3700003 | .1293742 |
| #1 | 7116.601 | 122249.9 | 13664.54 | 5484.515 | 6927.497 |
| #2 | 7093.297 | 121700.5 | 13657.69 | 5501.686 | 6910.520 |
| #3 | 7099.089 | 122171.1 | 13560.49 | 5461.268 | 6923.940 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV02 Acquired: 8/19/2025 14:05:18 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **4.979431** | **5.059766** | **4.846867** | **5.021075** | **5.006333** | **9.756002** | **9.801158** |
| Stddev | .004466 | .101309 | .004950 | .010390 | .010371 | .023581 | .061967 |
| %RSD | .0896841 | 2.002255 | .1021317 | .2069373 | .2071525 | .2417075 | .6322398 |
| #1 | 4.975734 | 4.942852 | 4.850064 | 5.009523 | 4.999755 | 9.775660 | 9.872034 |
| #2 | 4.978165 | 5.114770 | 4.841165 | 5.024044 | 5.000956 | 9.762489 | 9.774226 |
| #3 | 4.984393 | 5.121676 | 4.849372 | 5.029657 | 5.018288 | 9.729856 | 9.757215 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2388201** | **2.433991** | **24.36986** | **.9823375** | **2.435647** | **1.237042** | **5.081652** |
| Stddev | .0005835 | .001092 | .06370 | .0018311 | .001728 | .000330 | .030771 |
| %RSD | .2443233 | .0448584 | .2614070 | .1863998 | .0709607 | .0267114 | .6055305 |
| #1 | .2390513 | 2.434912 | 24.41481 | .9844249 | 2.436619 | 1.236961 | 5.117166 |
| #2 | .2392526 | 2.434275 | 24.39782 | .9810025 | 2.433652 | 1.236760 | 5.062918 |
| #3 | .2381565 | 2.432785 | 24.29696 | .9815850 | 2.436671 | 1.237405 | 5.064874 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.441575** | **24.19129** | **2.437594** | **1.240496** | **24.96137** | **2.476060** | **2.498449** |
| Stddev | .007558 | .02616 | .001004 | .000383 | .08788 | .003906 | .000575 |
| %RSD | .3095393 | .1081217 | .0411864 | .0309106 | .3520574 | .1577441 | .0230302 |
| #1 | 2.450013 | 24.21273 | 2.438664 | 1.240362 | 25.06065 | 2.475533 | 2.497833 |
| #2 | 2.439283 | 24.19899 | 2.436672 | 1.240929 | 24.89358 | 2.480202 | 2.498972 |
| #3 | 2.435428 | 24.16214 | 2.437445 | 1.240198 | 24.92986 | 2.472444 | 2.498541 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **24.75398** | **4.798413** | **4.993136** | **4.888937** | **4.911785** | **5.034442** | **4.936825** |
| Stddev | .03678 | .011124 | .003156 | .006407 | .014189 | .014973 | .022375 |
| %RSD | .1485864 | .2318328 | .0632160 | .1310430 | .2888760 | .2974139 | .4532275 |
| #1 | 24.78053 | 4.793288 | 4.989821 | 4.882267 | 4.923027 | 5.050584 | 4.912174 |
| #2 | 24.71200 | 4.811176 | 4.993482 | 4.895044 | 4.916486 | 5.021006 | 4.955849 |
| #3 | 24.76942 | 4.790775 | 4.996105 | 4.889499 | 4.895842 | 5.031735 | 4.942453 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV02 Acquired: 8/19/2025 14:05:18 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.873906 | 4.662297 | 4.964873 |
| Stddev | .017016 | .009605 | .035090 |
| %RSD | .3491181 | .2060207 | .7067723 |
| #1 | 4.854259 | 4.670174 | 4.924456 |
| #2 | 4.883548 | 4.665120 | 4.987573 |
| #3 | 4.883912 | 4.651597 | 4.982590 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6388.120 | 109021.1 | 11341.89 | 4938.349 | 7445.359 |
| Stddev | 6.301 | 57.7 | 12.21 | 12.723 | 4.049 |
| %RSD | .0986381 | .0529089 | .1076663 | .2576455 | .0543780 |
| #1 | 6394.275 | 108979.8 | 11334.65 | 4923.718 | 7449.669 |
| #2 | 6381.682 | 109087.0 | 11335.02 | 4946.826 | 7441.636 |
| #3 | 6388.403 | 108996.5 | 11355.98 | 4944.502 | 7444.773 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB02 Acquired: 8/19/2025 14:09:29 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0007170 | .0018027 | .0003195 | .0018469 | -.000643 | .0078584 | -.005195 |
| Stddev | .0011036 | .0007427 | .0010649 | .0006239 | .001033 | .0068133 | .000830 |
| %RSD | 153.9101 | 41.19929 | 333.3366 | 33.78408 | 160.5891 | 86.70170 | 15.96899 |
| #1 | .0016359 | .0009481 | -.000263 | .0014800 | .000322 | .0016705 | -.006081 |
| #2 | .0010222 | .0021679 | -.000327 | .0025673 | -.000518 | .0067446 | -.004437 |
| #3 | -.000507 | .0022920 | .001549 | .0014933 | -.001733 | .0151599 | -.005067 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000022 | .0001300 | .0006379 | -.000191 | .0002326 | .0000121 | .0024591 |
| Stddev | .000050 | .0000238 | .0032829 | .000096 | .0001355 | .0003969 | .0027415 |
| %RSD | 225.5513 | 18.31470 | 514.6822 | 50.25944 | 58.25440 | 3280.684 | 111.4823 |
| #1 | .000015 | .0001034 | .0013092 | -.000081 | .0000796 | .0002939 | -.000278 |
| #2 | -.000002 | .0001493 | -.002929 | -.000260 | .0002810 | -.000442 | .005205 |
| #3 | -.000079 | .0001373 | .003533 | -.000232 | .0003373 | .000184 | .002451 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000204 | .0028409 | -.000070 | .0000579 | .3379259 | .0008720 | -.000630 |
| Stddev | .000311 | .0063404 | .000174 | .0003608 | .0139385 | .0010520 | .000128 |
| %RSD | 152.1908 | 223.1857 | 249.5468 | 623.4074 | 4.124715 | 120.6301 | 20.36493 |
| #1 | -.000139 | .0019080 | -.000264 | -.000027 | .3342635 | .0019921 | -.000482 |
| #2 | .000069 | .0095960 | .000071 | -.000253 | .3533299 | .0007191 | -.000692 |
| #3 | -.000542 | -.002981 | -.000016 | .000453 | .3261842 | -.000095 | -.000715 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0927879 | .0004955 | .0007257 | -.002265 | .0007490 | .0085746 | .0000795 |
| Stddev | .0171973 | .0001916 | .0002248 | .000061 | .0006869 | .0093278 | .0005964 |
| %RSD | 18.53394 | 38.67775 | 30.97414 | 2.681590 | 91.71539 | 108.7843 | 749.9079 |
| #1 | .0847782 | .0005503 | .0006487 | -.002204 | .0015367 | -.002195 | -.000188 |
| #2 | .1125289 | .0002824 | .0009788 | -.002264 | .0002742 | .014101 | -.000336 |
| #3 | .0810564 | .0006537 | .0005495 | -.002326 | .0004361 | .013818 | .000763 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB02 Acquired: 8/19/2025 14:09:29 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.001856 | -.000699 | .0002656 |
| Stddev | .001518 | .001984 | .0000909 |
| %RSD | 81.78636 | 283.9162 | 34.20934 |
| | | | |
| #1 | -.002047 | -.002990 | .0002704 |
| #2 | -.003270 | .000467 | .0001724 |
| #3 | -.000252 | .000427 | .0003540 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6630.056 | 114669.3 | 11511.13 | 5119.662 | 8441.774 |
| Stddev | .857 | 97.9 | 73.61 | 15.153 | 11.796 |
| %RSD | .0129278 | .0853431 | .6394472 | .2959776 | .1397342 |
| | | | | | |
| #1 | 6629.129 | 114729.8 | 11595.34 | 5121.623 | 8454.949 |
| #2 | 6630.820 | 114556.4 | 11479.01 | 5103.624 | 8438.181 |
| #3 | 6630.218 | 114721.8 | 11459.04 | 5133.739 | 8432.192 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-09 Acquired: 8/19/2025 14:13:27 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2017557** | **-.046897** | **.8699612** | **.0107306** | **-.006913** | **242.7784** |
| Stddev | .0022686 | .006753 | .0024047 | .0040318 | .001357 | 2.2616 |
| %RSD | 1.124438 | 14.40016 | .2764192 | 37.57281 | 19.62567 | .9315305 |
| #1 | .2032536 | -.053935 | .8678279 | .0110093 | -.005597 | 245.1240 |
| #2 | .1991456 | -.040470 | .8694885 | .0065667 | -.008307 | 240.6115 |
| #3 | .2028678 | -.046285 | .8725672 | .0146158 | -.006836 | 242.5998 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.329827** | **.0213055** | **.0198688** | **80.67212** | **.4990480** | **.1888979** |
| Stddev | .004535 | .0001177 | .0003220 | .19230 | .0014625 | .0006134 |
| %RSD | .3410291 | .5525521 | 1.620531 | .2383700 | .2930645 | .3247071 |
| #1 | 1.334789 | .0212865 | .0201001 | 80.88996 | .4975387 | .1888556 |
| #2 | 1.328797 | .0211984 | .0195011 | 80.60047 | .4991465 | .1883068 |
| #3 | 1.325896 | .0214315 | .0200053 | 80.52593 | .5004587 | .1895314 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.4704609** | **414.7848** | **6.896015** | **81.90982** | **.3558636** | **.0157868** |
| Stddev | .0029355 | 2.0587 | .023176 | .08211 | .0001682 | .0009583 |
| %RSD | .6239559 | .4963380 | .3360824 | .1002445 | .0472735 | 6.070502 |
| #1 | .4717224 | 413.9142 | 6.918637 | 81.97022 | .3557784 | .0156346 |
| #2 | .4671055 | 417.1359 | 6.897086 | 81.94292 | .3557549 | .0168122 |
| #3 | .4725547 | 413.3045 | 6.872322 | 81.81633 | .3560574 | .0149137 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **4.748632** | **.6280975** | **1.449470** | **42.63200** | **.2750348** | **.0168645** |
| Stddev | .007722 | .0011911 | .002716 | .10884 | .0052427 | .0000064 |
| %RSD | .1626118 | .1896391 | .1873464 | .2553002 | 1.906198 | .0380308 |
| #1 | 4.756510 | .6294727 | 1.448761 | 42.62099 | .2708924 | .0168719 |
| #2 | 4.748310 | .6274302 | 1.447180 | 42.74593 | .2809291 | .0168606 |
| #3 | 4.741076 | .6273896 | 1.452470 | 42.52909 | .2732829 | .0168609 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-09 Acquired: 8/19/2025 14:13:27 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0333636 | F 10.55735 | 4.398472 | F 16.87600 | 7.757918 | .3675788 |
| Stddev | .0010701 | .01845 | .034207 | .06432 | .030894 | .0006926 |
| %RSD | 3.207459 | .1747714 | .7776979 | .3811449 | .3982213 | .1884074 |
| #1 | .0321577 | 10.57626 | 4.433967 | 16.94499 | 7.786328 | .3667861 |
| #2 | .0337330 | 10.55641 | 4.395732 | 16.81767 | 7.725029 | .3678835 |
| #3 | .0342001 | 10.53939 | 4.365718 | 16.86534 | 7.762396 | .3680667 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.055738 |
| Stddev | .002160 |
| %RSD | 3.874686 |
| #1 | -.053836 |
| #2 | -.058086 |
| #3 | -.055292 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7170.770 | 123338.8 | 14307.98 | 5534.295 | 6834.342 |
| Stddev | 6.633 | 191.2 | 54.79 | 9.162 | 9.455 |
| %RSD | .0925070 | .1550184 | .3829059 | .1655449 | .1383408 |
| #1 | 7165.679 | 123432.8 | 14248.06 | 5543.030 | 6836.933 |
| #2 | 7178.272 | 123118.8 | 14355.51 | 5524.759 | 6842.231 |
| #3 | 7168.361 | 123464.8 | 14320.37 | 5535.095 | 6823.862 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-11 Acquired: 8/19/2025 14:17:35 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1820822** | **-.035097** | **.9790978** | **.0084237** | **-.002653** | **238.7479** |
| Stddev | .0031230 | .002758 | .0027055 | .0021548 | .002121 | 2.7281 |
| %RSD | 1.715181 | 7.857547 | .2763282 | 25.58066 | 79.93476 | 1.142649 |
| #1 | .1785681 | -.038200 | .9809967 | .0062835 | -.000513 | 241.5563 |
| #2 | .1845404 | -.034168 | .9760000 | .0105928 | -.004755 | 236.1080 |
| #3 | .1831381 | -.032924 | .9802967 | .0083947 | -.002692 | 238.5796 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.247139** | **.0195619** | **.0187616** | **85.47890** | **.3522006** | **.1635648** |
| Stddev | .003871 | .0001316 | .0000928 | .04043 | .0011195 | .0002638 |
| %RSD | .3104133 | .6725657 | .4946310 | .0472956 | .3178481 | .1612657 |
| #1 | 1.250453 | .0196573 | .0188030 | 85.47936 | .3527707 | .1637962 |
| #2 | 1.248079 | .0194118 | .0186553 | 85.43825 | .3509109 | .1632776 |
| #3 | 1.242884 | .0196167 | .0188265 | 85.51910 | .3529203 | .1636205 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.4811213** | **335.9762** | **6.778494** | **72.30640** | **.3130409** | **.0104043** |
| Stddev | .0008669 | .7329 | .011858 | .31102 | .0006122 | .0004375 |
| %RSD | .1801859 | .2181365 | .1749422 | .4301425 | .1955785 | 4.205412 |
| #1 | .4820691 | 336.6576 | 6.791898 | 72.04519 | .3137438 | .0099157 |
| #2 | .4803684 | 336.0702 | 6.774217 | 72.22355 | .3126242 | .0107599 |
| #3 | .4809264 | 335.2008 | 6.769368 | 72.65045 | .3127547 | .0105373 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.271200** | **.5912121** | **1.483725** | **39.51985** | **.2104765** | **.0132125** |
| Stddev | .010236 | .0015417 | .005786 | .17625 | .0021590 | .0001649 |
| %RSD | .1941841 | .2607738 | .3899436 | .4459833 | 1.025784 | 1.248206 |
| #1 | 5.281142 | .5906098 | 1.487797 | 39.67502 | .2083411 | .0130225 |
| #2 | 5.260694 | .5929641 | 1.486275 | 39.55630 | .2104301 | .0133194 |
| #3 | 5.271765 | .5900625 | 1.477102 | 39.32822 | .2126584 | .0132954 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-11 Acquired: 8/19/2025 14:17:35 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0303187 | F 10.68222 | 4.861572 | F 16.72136 | 8.565628 | .3154777 |
| Stddev | .0010134 | .01756 | .036610 | .09929 | .034677 | .0002886 |
| %RSD | 3.342394 | .1644202 | .7530581 | .5937853 | .4048388 | .0914697 |
| #1 | .0302279 | 10.69654 | 4.848893 | 16.81264 | 8.575005 | .3152348 |
| #2 | .0313744 | 10.68750 | 4.902837 | 16.73582 | 8.594653 | .3154017 |
| #3 | .0293538 | 10.66263 | 4.832987 | 16.61564 | 8.527227 | .3157967 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0324474 |
| Stddev | .0006341 |
| %RSD | 1.954401 |
| #1 | .0328326 |
| #2 | .0327940 |
| #3 | .0317154 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7220.516 | 123437.1 | 14042.29 | 5570.090 | 6852.404 |
| Stddev | 6.751 | 106.5 | 21.89 | 29.892 | 4.151 |
| %RSD | .0934907 | .0862469 | .1559190 | .5366519 | .0605724 |
| #1 | 7215.728 | 123528.1 | 14066.29 | 5542.532 | 6847.636 |
| #2 | 7217.582 | 123320.0 | 14037.18 | 5565.871 | 6854.373 |
| #3 | 7228.237 | 123463.1 | 14023.41 | 5601.867 | 6855.204 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-13 Acquired: 8/19/2025 14:21:44 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2141158 | -.044385 | 1.178642 | .0064542 | -.005085 | 283.0721 |
| Stddev | .0026367 | .002225 | .002762 | .0042668 | .001649 | 2.3364 |
| %RSD | 1.231427 | 5.013551 | .2343588 | 66.10877 | 32.42667 | .8253790 |
| #1 | .2141088 | -.046105 | 1.178106 | .0022801 | -.003476 | 285.7694 |
| #2 | .2114826 | -.041872 | 1.181633 | .0062745 | -.005007 | 281.6742 |
| #3 | .2167559 | -.045177 | 1.176187 | .0108080 | -.006771 | 281.7728 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.466926 | .0231124 | .0236995 | 94.95795 | .4144403 | .1939332 |
| Stddev | .007029 | .0000878 | .0004622 | .08950 | .0020976 | .0007755 |
| %RSD | .4791485 | .3798791 | 1.950464 | .0942531 | .5061185 | .3999006 |
| #1 | 1.461862 | .0230344 | .0241094 | 94.85630 | .4129177 | .1944471 |
| #2 | 1.463964 | .0232075 | .0237907 | 94.99260 | .4135703 | .1943114 |
| #3 | 1.474950 | .0230954 | .0231984 | 95.02495 | .4168328 | .1930411 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5368759 | 421.4777 | 7.741477 | 83.65961 | .3948999 | .0156224 |
| Stddev | .0047315 | 4.7958 | .023217 | .08401 | .0015027 | .0013343 |
| %RSD | .8813096 | 1.137844 | .2998995 | .1004135 | .3805172 | 8.540884 |
| #1 | .5390075 | 418.2382 | 7.721820 | 83.57536 | .3957274 | .0150426 |
| #2 | .5401667 | 419.2080 | 7.735520 | 83.74337 | .3958069 | .0146761 |
| #3 | .5314536 | 426.9870 | 7.767092 | 83.66010 | .3931654 | .0171485 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.924799 | .6533309 | 1.645200 | 48.19315 | ^ ***** | .0187874 |
| Stddev | .042983 | .0029911 | .005775 | .27528 | ----- | .0002798 |
| %RSD | .6207044 | .4578251 | .3510110 | .5712117 | ----- | 1.489287 |
| #1 | 6.884453 | .6514556 | 1.639810 | 47.89935 | .2641107 | .0185629 |
| #2 | 6.919941 | .6567803 | 1.644495 | 48.23496 | ^ ----- | .0191009 |
| #3 | 6.970005 | .6517566 | 1.651295 | 48.44513 | ^ ----- | .0186985 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-13 Acquired: 8/19/2025 14:21:44 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0433902 | F 11.94302 | 4.817060 | F 19.62509 | 9.780901 | .3819810 |
| Stddev | .0005620 | .03261 | .027508 | .05505 | .029129 | .0008596 |
| %RSD | 1.295128 | .2730276 | .5710543 | .2804866 | .2978140 | .2250381 |
| #1 | .0431596 | 11.90886 | 4.847588 | 19.66910 | 9.789867 | .3810860 |
| #2 | .0429802 | 11.94639 | 4.809394 | 19.64280 | 9.804493 | .3820570 |
| #3 | .0440307 | 11.97381 | 4.794198 | 19.56336 | 9.748343 | .3828001 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0088220 |
| Stddev | .0028667 |
| %RSD | 32.49491 |
| #1 | .0107062 |
| #2 | .0102369 |
| #3 | .0055229 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7408.240 | 126940.0 | 14551.16 | 5717.167 | 6735.041 |
| Stddev | 16.165 | 439.0 | 55.59 | 32.551 | 19.621 |
| %RSD | .2181994 | .3458185 | .3820387 | .5693539 | .2913341 |
| #1 | 7408.378 | 127199.1 | 14551.50 | 5718.813 | 6727.323 |
| #2 | 7392.007 | 127187.7 | 14606.59 | 5748.864 | 6720.452 |
| #3 | 7424.335 | 126433.1 | 14495.41 | 5683.824 | 6757.348 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-15 Acquired: 8/19/2025 14:26:00 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1610589** | **-.039222** | **.6488350** | **.0090304** | **-.003722** | **217.9022** |
| Stddev | .0013984 | .001959 | .0007587 | .0036803 | .003596 | .1505 |
| %RSD | .8682758 | 4.994833 | .1169288 | 40.75428 | 96.59433 | .0690479 |
| #1 | .1626498 | -.041209 | .6492681 | .0082733 | -.001374 | 217.9996 |
| #2 | .1600239 | -.037292 | .6479589 | .0057875 | -.001931 | 217.9781 |
| #3 | .1605031 | -.039167 | .6492778 | .0130303 | -.007862 | 217.7289 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.9533117** | **.0182906** | **.0153764** | **63.07028** | **.3450805** | **.1467828** |
| Stddev | .0058873 | .0000789 | .0002787 | .13488 | .0004000 | .0002431 |
| %RSD | .6175643 | .4312455 | 1.812376 | .2138584 | .1159135 | .1656037 |
| #1 | .9596681 | .0183536 | .0151989 | 63.22114 | .3454437 | .1466933 |
| #2 | .9480460 | .0182021 | .0156976 | 63.02836 | .3451460 | .1465972 |
| #3 | .9522209 | .0183159 | .0152328 | 62.96133 | .3446518 | .1470579 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.3698447** | **320.4526** | **5.831014** | **77.45208** | **.2953272** | **.0099079** |
| Stddev | .0019774 | 2.2373 | .034444 | .22936 | .0006870 | .0008053 |
| %RSD | .5346586 | .6981811 | .5906996 | .2961358 | .2326375 | 8.128241 |
| #1 | .3676063 | 321.8158 | 5.867436 | 77.68432 | .2957733 | .0103298 |
| #2 | .3713544 | 317.8705 | 5.798966 | 77.44620 | .2945360 | .0089793 |
| #3 | .3705733 | 321.6715 | 5.826639 | 77.22571 | .2956723 | .0104147 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **3.268299** | **.5034254** | **1.292762** | **35.19003** | **.1758892** | **.0116962** |
| Stddev | .013734 | .0043735 | .004919 | .19915 | .0098831 | .0001435 |
| %RSD | .4202214 | .8687543 | .3804891 | .5659229 | 5.618918 | 1.227365 |
| #1 | 3.274653 | .5027427 | 1.297320 | 35.27223 | .1837080 | .0115814 |
| #2 | 3.252538 | .5081001 | 1.293420 | 34.96293 | .1647809 | .0116499 |
| #3 | 3.277705 | .4994333 | 1.287548 | 35.33491 | .1791788 | .0118571 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-15 Acquired: 8/19/2025 14:26:00 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0164358 | F 10.73304 | 4.872757 | F 12.39917 | 5.824212 | .3345785 |
| Stddev | .0007472 | .02861 | .049855 | .03371 | .017610 | .0017614 |
| %RSD | 4.545890 | .2665690 | 1.023133 | .2718904 | .3023562 | .5264576 |
| #1 | .0172515 | 10.76608 | 4.817064 | 12.42710 | 5.839132 | .3362816 |
| #2 | .0157846 | 10.71696 | 4.887985 | 12.40870 | 5.828717 | .3327641 |
| #3 | .0162713 | 10.71609 | 4.913222 | 12.36172 | 5.804788 | .3346899 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.031937 |
| Stddev | .000981 |
| %RSD | 3.072598 |
| #1 | -.031853 |
| #2 | -.031000 |
| #3 | -.032957 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7113.931 | 122043.8 | 13676.87 | 5471.610 | 6946.425 |
| Stddev | 8.019 | 236.9 | 64.53 | 39.123 | 7.318 |
| %RSD | .1127184 | .1940728 | .4717843 | .7150156 | .1053507 |
| #1 | 7115.179 | 121777.8 | 13626.89 | 5427.055 | 6947.937 |
| #2 | 7121.253 | 122232.0 | 13654.00 | 5487.427 | 6952.870 |
| #3 | 7105.362 | 122121.4 | 13749.72 | 5500.347 | 6938.470 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-17 Acquired: 8/19/2025 14:30:08 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1695534** | **-.029566** | **.7875285** | **.0071829** | **-.004400** | **212.8064** |
| Stddev | .0018755 | .003510 | .0006147 | .0048154 | .001374 | 2.6602 |
| %RSD | 1.106157 | 11.87045 | .0780585 | 67.04034 | 31.22131 | 1.250071 |
| #1 | .1690935 | -.031893 | .7869908 | .0023810 | -.005957 | 213.3779 |
| #2 | .1679506 | -.031277 | .7873960 | .0071559 | -.003360 | 209.9069 |
| #3 | .1716161 | -.025529 | .7881987 | .0120118 | -.003883 | 215.1344 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.099261** | **.0173059** | **.0147898** | **81.38770** | **.3115173** | **.1537531** |
| Stddev | .002731 | .0001025 | .0001382 | .08115 | .0004668 | .0005848 |
| %RSD | .2484809 | .5922608 | .9345228 | .0997120 | .1498597 | .3803270 |
| #1 | 1.100109 | .0173935 | .0147813 | 81.29716 | .3118622 | .1530959 |
| #2 | 1.101468 | .0173312 | .0146559 | 81.45390 | .3117036 | .1542158 |
| #3 | 1.096206 | .0171932 | .0149320 | 81.41204 | .3109861 | .1539477 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.3945524** | **309.9567** | **6.198302** | **67.56421** | **.2845798** | **.0123146** |
| Stddev | .0012372 | 1.1813 | .015691 | .16674 | .0007876 | .0004017 |
| %RSD | .3135668 | .3811035 | .2531481 | .2467832 | .2767521 | 3.261838 |
| #1 | .3940770 | 309.6807 | 6.202394 | 67.37210 | .2837269 | .0127140 |
| #2 | .3936235 | 311.2515 | 6.211541 | 67.67139 | .2847332 | .0123192 |
| #3 | .3959568 | 308.9379 | 6.180970 | 67.64912 | .2852795 | .0119107 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **4.037741** | **.5107813** | **1.314404** | **35.88759** | **.1988028** | **.0136183** |
| Stddev | .003499 | .0012760 | .001298 | .06589 | .0043933 | .0001727 |
| %RSD | .0866523 | .2498134 | .0987213 | .1835985 | 2.209868 | 1.268123 |
| #1 | 4.039763 | .5114676 | 1.315523 | 35.86026 | .2026257 | .0135580 |
| #2 | 4.033701 | .5093090 | 1.312981 | 35.96275 | .1997792 | .0138131 |
| #3 | 4.039760 | .5115673 | 1.314707 | 35.83976 | .1940034 | .0134839 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-17 Acquired: 8/19/2025 14:30:08 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0204280 | 9.403226 | 5.218052 | F 14.80225 | 7.722938 | .2993264 |
| Stddev | .0012572 | .012377 | .008431 | .08586 | .027101 | .0012358 |
| %RSD | 6.154064 | .1316234 | .1615698 | .5800328 | .3509209 | .4128779 |
| #1 | .0216901 | 9.404685 | 5.216194 | 14.71695 | 7.708882 | .2979094 |
| #2 | .0191759 | 9.414809 | 5.210706 | 14.88866 | 7.754180 | .2998883 |
| #3 | .0204181 | 9.390185 | 5.227257 | 14.80115 | 7.705753 | .3001814 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0461755 |
| Stddev | .0007684 |
| %RSD | 1.664057 |
| #1 | .0464934 |
| #2 | .0452992 |
| #3 | .0467339 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7092.267 | 122630.2 | 13800.69 | 5505.131 | 6955.988 |
| Stddev | 11.850 | 170.8 | 22.71 | 5.930 | 8.002 |
| %RSD | .1670895 | .1392478 | .1645918 | .1077149 | .1150310 |
| #1 | 7087.171 | 122552.6 | 13776.53 | 5501.172 | 6955.847 |
| #2 | 7105.813 | 122512.0 | 13821.61 | 5511.949 | 6964.060 |
| #3 | 7083.817 | 122826.0 | 13803.93 | 5502.272 | 6948.058 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2884-01 Acquired: 8/19/2025 14:34:19 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0848100 | -.032248 | 1.044092 | -.001578 | -.009642 | 137.1015 | .7152750 |
| Stddev | .0010842 | .002103 | .002952 | .002891 | .001399 | .8552 | .0025454 |
| %RSD | 1.278387 | 6.521772 | .2827731 | 183.2453 | 14.50938 | .6237665 | .3558623 |
| #1 | .0856886 | -.031753 | 1.047458 | -.002876 | -.008439 | 136.1488 | .7150840 |
| #2 | .0851430 | -.034554 | 1.041941 | .001735 | -.009312 | 137.8028 | .7179105 |
| #3 | .0835983 | -.030436 | 1.042877 | -.003593 | -.011177 | 137.3530 | .7128305 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0139207 | .0125424 | 31.92071 | .2544263 | .1370144 | .3647121 | 279.1851 |
| Stddev | .0001084 | .0002809 | .19974 | .0045281 | .0000890 | .0043223 | 4.6890 |
| %RSD | .7784087 | 2.239810 | .6257361 | 1.779716 | .0649441 | 1.185133 | 1.679539 |
| #1 | .0138015 | .0124880 | 31.69900 | .2551718 | .1370974 | .3634370 | 281.4951 |
| #2 | .0139471 | .0122926 | 32.08659 | .2585352 | .1369205 | .3611708 | 282.2709 |
| #3 | .0140133 | .0128465 | 31.97654 | .2495717 | .1370254 | .3695286 | 273.7892 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.872038 | 47.02539 | .2725044 | .0086930 | 4.352218 | .3233758 | 1.414231 |
| Stddev | .021138 | .45309 | .0006753 | .0004026 | .103059 | .0024424 | .028415 |
| %RSD | .4338716 | .9635110 | .2478241 | 4.631594 | 2.367963 | .7552822 | 2.009228 |
| #1 | 4.849497 | 46.51310 | .2729193 | .0088520 | 4.406721 | .3206283 | 1.419647 |
| #2 | 4.891418 | 47.37354 | .2717251 | .0082352 | 4.416581 | .3253006 | 1.439548 |
| #3 | 4.875199 | 47.18954 | .2728687 | .0089919 | 4.233352 | .3241986 | 1.383497 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.41118 | .1384698 | .0052584 | .0162759 | 3.364055 | 4.606899 | 8.849602 |
| Stddev | .21313 | .0204687 | .0001312 | .0002708 | .021034 | .081204 | .002499 |
| %RSD | 1.867726 | 14.78207 | 2.495384 | 1.664052 | .6252701 | 1.762663 | .0282342 |
| #1 | 11.53618 | .1582689 | .0052171 | .0159942 | 3.341949 | 4.623387 | 8.851942 |
| #2 | 11.53227 | .1397491 | .0054053 | .0165344 | 3.383822 | 4.678593 | 8.846971 |
| #3 | 11.16509 | .1173915 | .0051528 | .0162990 | 3.366394 | 4.518716 | 8.849894 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2884-01 Acquired: 8/19/2025 14:34:19 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.878455 | .2034224 | -.080064 |
| Stddev | .023536 | .0014664 | .004045 |
| %RSD | .8176531 | .7208665 | 5.052627 |
| #1 | 2.891200 | .2025951 | -.082682 |
| #2 | 2.892868 | .2051155 | -.082105 |
| #3 | 2.851295 | .2025566 | -.075405 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7546.260 | 125970.0 | 14228.04 | 5742.067 | 7236.919 |
| Stddev | 20.917 | 1879.6 | 176.98 | 105.032 | 16.579 |
| %RSD | .2771900 | 1.492112 | 1.243908 | 1.829162 | .2290848 |
| #1 | 7525.614 | 125723.6 | 14432.37 | 5698.577 | 7220.565 |
| #2 | 7567.439 | 124225.8 | 14122.53 | 5665.765 | 7253.714 |
| #3 | 7545.728 | 127960.7 | 14129.23 | 5861.859 | 7236.480 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2884-03 Acquired: 8/19/2025 14:38:21 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2417594** | **-.007544** | **.0582046** | **-.000629** | **.0023499** | **95.85079** | **.3717990** |
| Stddev | .0016927 | .001544 | .0017319 | .002552 | .0011887 | .12629 | .0023375 |
| %RSD | .7001464 | 20.46121 | 2.975507 | 405.6150 | 50.58606 | .1317539 | .6287009 |
| #1 | .2404266 | -.007348 | .0601960 | -.003057 | .0017083 | 95.72092 | .3744911 |
| #2 | .2411878 | -.009177 | .0573679 | -.000863 | .0037216 | 95.97317 | .3706209 |
| #3 | .2436639 | -.006108 | .0570500 | .002032 | .0016198 | 95.85829 | .3702849 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0083182** | **.0041159** | **40.65467** | **.0630721** | **.0206273** | **.1881981** | **91.07471** |
| Stddev | .0000646 | .0000730 | .04967 | .0003934 | .0000803 | .0001601 | .41135 |
| %RSD | .7770576 | 1.774054 | .1221738 | .6236870 | .3891497 | .0850733 | .4516660 |
| #1 | .0083889 | .0041745 | 40.69239 | .0632508 | .0205638 | .1881830 | 91.20122 |
| #2 | .0083035 | .0041390 | 40.67324 | .0626211 | .0207175 | .1883652 | 90.61496 |
| #3 | .0082622 | .0040341 | 40.59840 | .0633444 | .0206005 | .1880460 | 91.40795 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2429980** | **19.65471** | **.0889539** | **.0028537** | **16.42001** | **.1958588** | **2.367080** |
| Stddev | .0017237 | .05451 | .0001686 | .0005694 | .10914 | .0013720 | .002614 |
| %RSD | .7093554 | .2773169 | .1895440 | 19.95355 | .6646709 | .7004824 | .1104260 |
| #1 | .2449478 | 19.59242 | .0887593 | .0025744 | 16.47787 | .1966805 | 2.364125 |
| #2 | .2416766 | 19.69366 | .0890566 | .0035089 | 16.29413 | .1942750 | 2.368024 |
| #3 | .2423697 | 19.67803 | .0890458 | .0024779 | 16.48804 | .1966209 | 2.369091 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **19.30824** | **.0640181** | **.0128665** | **.0121263** | **.7103025** | **4.387760** | **4.250489** |
| Stddev | .04789 | .0021363 | .0000553 | .0004928 | .0006151 | .026131 | .008785 |
| %RSD | .2480069 | 3.337032 | .4301746 | 4.063901 | .0866017 | .5955346 | .2066911 |
| #1 | 19.28189 | .0642660 | .0128026 | .0123394 | .7095953 | 4.390331 | 4.240372 |
| #2 | 19.27931 | .0617686 | .0128977 | .0115628 | .7105983 | 4.360439 | 4.256194 |
| #3 | 19.36351 | .0660195 | .0128992 | .0124766 | .7107137 | 4.412510 | 4.254902 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2884-03 Acquired: 8/19/2025 14:38:21 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **6.904054** | **.0181978** | **.4427138** |
| Stddev | .035251 | .0004448 | .0026627 |
| %RSD | .5105802 | 2.443958 | .6014459 |
| #1 | 6.865913 | .0177325 | .4457859 |
| #2 | 6.910815 | .0182423 | .4412847 |
| #3 | 6.935435 | .0186186 | .4410708 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **7523.563** | **129384.0** | **14105.57** | **5795.943** | **7417.756** |
| Stddev | 12.562 | 82.2 | 92.60 | 26.135 | 9.605 |
| %RSD | .1669686 | .0635158 | .6564530 | .4509256 | .1294927 |
| #1 | 7521.074 | 129291.6 | 14035.38 | 5794.958 | 7420.769 |
| #2 | 7537.184 | 129411.3 | 14070.82 | 5822.557 | 7425.494 |
| #3 | 7512.432 | 129449.0 | 14210.52 | 5770.314 | 7407.006 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-01 Acquired: 8/19/2025 14:42:23 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1159856** | **-.043311** | **1.134276** | **.0015099** | **-.010215** | **184.4555** | **1.355458** |
| Stddev | .0026509 | .003102 | .002360 | .0033584 | .002350 | .0215 | .003947 |
| %RSD | 2.285564 | 7.162873 | .2080345 | 222.4258 | 23.00578 | .0116787 | .2912016 |
| #1 | .1189858 | -.046780 | 1.136989 | .0039981 | -.012885 | 184.4400 | 1.350914 |
| #2 | .1150114 | -.042351 | 1.132705 | .0028417 | -.009295 | 184.4463 | 1.357425 |
| #3 | .1139596 | -.040803 | 1.133133 | -.002310 | -.008463 | 184.4801 | 1.358036 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0205989** | **.0181295** | **36.93271** | **.3173172** | **.1878094** | **.4443375** | **377.9893** |
| Stddev | .0001931 | .0002984 | .06362 | .0011402 | .0003714 | .0018025 | 1.8295 |
| %RSD | .9374567 | 1.646041 | .1722586 | .3593190 | .1977733 | .4056516 | .4839965 |
| #1 | .0208060 | .0184600 | 36.89189 | .3167310 | .1881587 | .4459070 | 376.0610 |
| #2 | .0205669 | .0178798 | 37.00601 | .3165894 | .1878503 | .4447365 | 378.2064 |
| #3 | .0204238 | .0180487 | 36.90022 | .3186313 | .1874192 | .4423689 | 379.7006 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **7.881669** | **59.61764** | **.4449724** | **.0120488** | **3.029747** | **.4232585** | **1.562556** |
| Stddev | .016224 | .03282 | .0008111 | .0008619 | .029230 | .0034083 | .004365 |
| %RSD | .2058433 | .0550588 | .1822689 | 7.153696 | .9647695 | .8052558 | .2793658 |
| #1 | 7.863341 | 59.58134 | .4454149 | .0112423 | 2.997176 | .4196338 | 1.562292 |
| #2 | 7.894191 | 59.64523 | .4454660 | .0119470 | 3.038368 | .4237434 | 1.567047 |
| #3 | 7.887476 | 59.62636 | .4440363 | .0129571 | 3.053697 | .4263985 | 1.558328 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **20.00363** | **.1940558** | **.0064339** | **.0404173** | **4.054680** | **3.937075** | **6.444862** |
| Stddev | .10386 | .0020144 | .0002333 | .0003815 | .010747 | .013064 | .038374 |
| %RSD | .5192220 | 1.038045 | 3.625828 | .9440107 | .2650442 | .3318095 | .5954260 |
| #1 | 19.90993 | .1918717 | .0061697 | .0408259 | 4.044937 | 3.926670 | 6.480605 |
| #2 | 19.98565 | .1958407 | .0066115 | .0400703 | 4.066207 | 3.932819 | 6.404310 |
| #3 | 20.11531 | .1944550 | .0065204 | .0403556 | 4.052897 | 3.951736 | 6.449671 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-01 Acquired: 8/19/2025 14:42:23 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.606058 | .4168762 | -.089873 |
| Stddev | .011869 | .0011392 | .001164 |
| %RSD | .7389845 | .2732799 | 1.295053 |
| #1 | 1.612725 | .4155876 | -.088856 |
| #2 | 1.592355 | .4177496 | -.089621 |
| #3 | 1.613094 | .4172913 | -.091143 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7509.213 | 128761.8 | 14297.36 | 5819.374 | 7044.351 |
| Stddev | 2.478 | 449.8 | 21.46 | 2.595 | 8.531 |
| %RSD | .0330025 | .3493542 | .1501122 | .0445934 | .1211093 |
| #1 | 7507.069 | 129004.3 | 14286.86 | 5817.179 | 7036.507 |
| #2 | 7511.926 | 129038.4 | 14322.05 | 5818.706 | 7053.434 |
| #3 | 7508.643 | 128242.8 | 14283.18 | 5822.238 | 7043.113 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01 Acquired: 8/19/2025 14:46:25 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0727135 | -.031735 | .2334097 | .0018175 | -.010524 | 188.5962 | .7754554 |
| Stddev | .0017138 | .002968 | .0006188 | .0022287 | .000508 | 1.8486 | .0096931 |
| %RSD | 2.356922 | 9.351840 | .2651113 | 122.6248 | 4.831233 | .9801925 | 1.249994 |
| #1 | .0729542 | -.035099 | .2335067 | .0014629 | -.010573 | 190.7297 | .7865848 |
| #2 | .0708920 | -.029486 | .2327481 | -.000213 | -.011006 | 187.4704 | .7688617 |
| #3 | .0742942 | -.030619 | .2339742 | .004202 | -.009992 | 187.5885 | .7709196 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0163224 | .0093656 | 24.40078 | .2502100 | .1510921 | .2581850 | 313.9566 |
| Stddev | .0000376 | .0002068 | .25468 | .0010529 | .0004143 | .0024037 | 1.9230 |
| %RSD | .2305922 | 2.208126 | 1.043746 | .4208237 | .2742057 | .9310053 | .6125047 |
| #1 | .0163485 | .0091326 | 24.69482 | .2512642 | .1506595 | .2556792 | 316.1752 |
| #2 | .0163395 | .0095276 | 24.25808 | .2491583 | .1511314 | .2584041 | 312.9273 |
| #3 | .0162792 | .0094364 | 24.24944 | .2502075 | .1514853 | .2604717 | 312.7674 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.336321 | 51.26564 | .2591709 | .0097217 | 3.652022 | .4588011 | .6430867 |
| Stddev | .070006 | .58724 | .0003094 | .0003495 | .024600 | .0047206 | .0026964 |
| %RSD | 1.311874 | 1.145490 | .1193740 | 3.595447 | .6735918 | 1.028906 | .4192843 |
| #1 | 5.417069 | 51.94219 | .2590137 | .0100805 | 3.674372 | .4641808 | .6400159 |
| #2 | 5.299209 | 50.96692 | .2589716 | .0097024 | 3.625664 | .4568719 | .6450672 |
| #3 | 5.292685 | 50.88781 | .2595273 | .0093822 | 3.656028 | .4553506 | .6441769 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.49010 | .1538596 | .0062298 | .0014174 | 4.104974 | 4.968189 | 5.384731 |
| Stddev | .04609 | .0011738 | .0003166 | .0011208 | .042130 | .034835 | .028732 |
| %RSD | .3416771 | .7628918 | 5.081875 | 79.07130 | 1.026314 | .7011696 | .5335859 |
| #1 | 13.51028 | .1528777 | .0060634 | .0025896 | 4.153217 | 4.985448 | 5.384854 |
| #2 | 13.52266 | .1535414 | .0065949 | .0003563 | 4.075431 | 4.928094 | 5.413402 |
| #3 | 13.43736 | .1551597 | .0060312 | .0013064 | 4.086273 | 4.991026 | 5.355938 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01 Acquired: 8/19/2025 14:46:25 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.100039 | .2551643 | -.169804 |
| Stddev | .018984 | .0033083 | .000334 |
| %RSD | .6123655 | 1.296544 | .1968363 |
| | | | |
| #1 | 3.099222 | .2587937 | -.170131 |
| #2 | 3.119418 | .2523173 | -.169819 |
| #3 | 3.081477 | .2543820 | -.169463 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7012.666 | 120041.2 | 13168.78 | 5394.086 | 7182.297 |
| Stddev | 2.783 | 418.1 | 131.48 | 14.105 | 8.440 |
| %RSD | .0396796 | .3483287 | .9983914 | .2614958 | .1175091 |
| | | | | | |
| #1 | 7014.527 | 119695.5 | 13022.30 | 5391.303 | 7186.156 |
| #2 | 7009.468 | 120505.9 | 13276.58 | 5409.376 | 7172.618 |
| #3 | 7014.005 | 119922.2 | 13207.45 | 5381.580 | 7188.118 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01DUP Acquired: 8/19/2025 14:50:26 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0607700 | -.026992 | .2219714 | .0025745 | -.006370 | 146.3989 | .6292119 |
| Stddev | .0011928 | .003377 | .0008241 | .0033851 | .001477 | .1100 | .0013152 |
| %RSD | 1.962783 | 12.51206 | .3712667 | 131.4865 | 23.18697 | .0751672 | .2090213 |
| #1 | .0618637 | -.023181 | .2214335 | .0004832 | -.005542 | 146.2930 | .6290771 |
| #2 | .0609480 | -.028183 | .2215605 | .0007603 | -.008075 | 146.3908 | .6279693 |
| #3 | .0594982 | -.029613 | .2229202 | .0064800 | -.005493 | 146.5127 | .6305893 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0128892 | .0074283 | 25.07139 | .2131125 | .1176441 | .3502069 | 249.7475 |
| Stddev | .0001319 | .0000762 | .02524 | .0005933 | .0000617 | .0018498 | .4644 |
| %RSD | 1.023611 | 1.025676 | .1006711 | .2783993 | .0524916 | .5282080 | .1859466 |
| #1 | .0130415 | .0074324 | 25.09597 | .2126934 | .1175788 | .3480757 | 249.2838 |
| #2 | .0128131 | .0075024 | 25.04554 | .2137913 | .1176518 | .3513971 | 249.7461 |
| #3 | .0128130 | .0073502 | 25.07267 | .2128527 | .1177016 | .3511477 | 250.2125 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.651881 | 45.45435 | .2193625 | .0073548 | 3.318318 | .4055862 | .5632153 |
| Stddev | .016440 | .08811 | .0002905 | .0008216 | .017917 | .0032139 | .0014978 |
| %RSD | .3533983 | .1938499 | .1324293 | 11.17114 | .5399443 | .7924134 | .2659373 |
| #1 | 4.667830 | 45.54534 | .2190615 | .0065343 | 3.298273 | .4018808 | .5634310 |
| #2 | 4.634991 | 45.44829 | .2193849 | .0073528 | 3.323907 | .4076160 | .5616214 |
| #3 | 4.652822 | 45.36942 | .2196412 | .0081775 | 3.332775 | .4072620 | .5645936 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.268468 | .1504475 | .0053413 | .0011604 | 3.853305 | 5.116540 | 4.306057 |
| Stddev | .032568 | .0024238 | .0003173 | .0001988 | .011931 | .037613 | .017217 |
| %RSD | .3513869 | 1.611024 | 5.941329 | 17.13344 | .3096415 | .7351195 | .3998350 |
| #1 | 9.232095 | .1478642 | .0050555 | .0012147 | 3.858340 | 5.074447 | 4.294322 |
| #2 | 9.294928 | .1508067 | .0056828 | .0009400 | 3.839681 | 5.128324 | 4.325822 |
| #3 | 9.278381 | .1526716 | .0052857 | .0013263 | 3.861893 | 5.146850 | 4.298026 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01DUP Acquired: 8/19/2025 14:50:26 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.510955 | .1898264 | -.105357 |
| Stddev | .009609 | .0013827 | .000310 |
| %RSD | .3826805 | .7283866 | .2946309 |
| #1 | 2.500543 | .1893422 | -.105014 |
| #2 | 2.519482 | .1913860 | -.105618 |
| #3 | 2.512841 | .1887509 | -.105439 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6988.616 | 119133.9 | 12997.14 | 5402.501 | 7351.350 |
| Stddev | 1.549 | 222.7 | 47.58 | 7.470 | 6.458 |
| %RSD | .0221693 | .1869130 | .3661040 | .1382705 | .0878495 |
| #1 | 6986.909 | 119287.0 | 12943.44 | 5410.158 | 7344.405 |
| #2 | 6989.932 | 118878.5 | 13013.93 | 5395.233 | 7357.175 |
| #3 | 6989.008 | 119236.3 | 13034.05 | 5402.113 | 7352.469 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV03 Acquired: 8/19/2025 14:54:27 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.038658** | **5.064911** | **4.913540** | **5.076149** | **5.059809** | **9.868534** | **10.00074** |
| Stddev | .000499 | .112365 | .003351 | .001840 | .004589 | .021336 | .09270 |
| %RSD | .0098936 | 2.218494 | .0681967 | .0362564 | .0907002 | .2162026 | .9269742 |
| #1 | 5.038297 | 5.054256 | 4.916542 | 5.078267 | 5.058920 | 9.854038 | 9.95847 |
| #2 | 5.038450 | 4.958253 | 4.909925 | 5.074939 | 5.055728 | 9.858531 | 9.93670 |
| #3 | 5.039227 | 5.182224 | 4.914153 | 5.075241 | 5.064777 | 9.893034 | 10.10705 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2425752** | **2.468821** | **24.62574** | **1.002984** | **2.467090** | **1.253300** | **5.163160** |
| Stddev | .0011035 | .002251 | .03628 | .002935 | .000689 | .001636 | .012391 |
| %RSD | .4548896 | .0911891 | .1473348 | .2926152 | .0279356 | .1305323 | .2399957 |
| #1 | .2418054 | 2.471349 | 24.60264 | 1.005562 | 2.467859 | 1.254882 | 5.177364 |
| #2 | .2420809 | 2.467035 | 24.60701 | 1.003598 | 2.466528 | 1.251615 | 5.157553 |
| #3 | .2438394 | 2.468078 | 24.66756 | .999790 | 2.466883 | 1.253404 | 5.154563 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.469408** | **24.58167** | **2.470165** | **1.258514** | **24.93478** | **2.503671** | **2.538399** |
| Stddev | .014348 | .10690 | .001664 | .002113 | .02566 | .002319 | .005592 |
| %RSD | .5810483 | .4348623 | .0673803 | .1679250 | .1029042 | .0926149 | .2202959 |
| #1 | 2.456858 | 24.50292 | 2.471135 | 1.256094 | 24.91706 | 2.505425 | 2.533363 |
| #2 | 2.466315 | 24.70336 | 2.471116 | 1.259994 | 24.92306 | 2.501042 | 2.544417 |
| #3 | 2.485050 | 24.53873 | 2.468243 | 1.259456 | 24.96420 | 2.504546 | 2.537417 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **25.13717** | **4.840710** | **5.050125** | **4.952614** | **4.969306** | **5.146469** | **4.947084** |
| Stddev | .05964 | .023735 | .004430 | .008621 | .012997 | .026995 | .008707 |
| %RSD | .2372686 | .4903106 | .0877106 | .1740733 | .2615485 | .5245247 | .1760097 |
| #1 | 25.20570 | 4.818959 | 5.055117 | 4.962537 | 4.965188 | 5.159733 | 4.949674 |
| #2 | 25.10880 | 4.837146 | 5.046665 | 4.946968 | 4.958867 | 5.164266 | 4.937376 |
| #3 | 25.09700 | 4.866025 | 5.048592 | 4.948336 | 4.983863 | 5.115409 | 4.954203 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV03 Acquired: 8/19/2025 14:54:27 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **4.915521** | **4.704127** | **5.050093** |
| Stddev | .013326 | .016528 | .016084 |
| %RSD | .2710958 | .3513489 | .3184883 |
| | | | |
| #1 | 4.927655 | 4.698242 | 5.068665 |
| #2 | 4.917649 | 4.691347 | 5.040730 |
| #3 | 4.901260 | 4.722792 | 5.040885 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6344.900** | **107157.1** | **11229.29** | **4876.793** | **7398.077** |
| Stddev | 7.248 | 161.2 | 58.82 | 15.612 | 7.135 |
| %RSD | .1142325 | .1503978 | .5238415 | .3201225 | .0964491 |
| | | | | | |
| #1 | 6336.628 | 107226.9 | 11287.33 | 4867.626 | 7389.911 |
| #2 | 6350.136 | 106972.8 | 11230.84 | 4867.933 | 7401.217 |
| #3 | 6347.937 | 107271.6 | 11169.71 | 4894.819 | 7403.104 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB03 Acquired: 8/19/2025 14:58:38 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000438** | **.0003919** | **.0003439** | **-.002360** | **.0002072** | **.0115710** | **-.003727** |
| Stddev | .001179 | .0007820 | .0006001 | .000749 | .0009413 | .0050055 | .000490 |
| %RSD | 269.2944 | 199.5674 | 174.5055 | 31.72400 | 454.4084 | 43.25898 | 13.14982 |
| #1 | .000863 | .0001347 | .0006200 | -.002037 | -.000630 | .0113672 | -.003374 |
| #2 | -.000740 | -.000229 | -.000345 | -.003216 | .000026 | .0066705 | -.003521 |
| #3 | -.001437 | .001270 | .000756 | -.001827 | .001226 | .0166752 | -.004287 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0000363** | **.0001061** | **-.014212** | **.0000432** | **.0000788** | **-.000239** | **.0014827** |
| Stddev | .0000624 | .0000510 | .007393 | .0001617 | .0002275 | .000146 | .0050569 |
| %RSD | 171.8751 | 48.07668 | 52.01746 | 374.6443 | 288.9098 | 60.94754 | 341.0550 |
| #1 | .0000417 | .0001557 | -.008890 | -.000137 | .0002131 | -.000077 | .0062220 |
| #2 | -.000029 | .0001086 | -.011092 | .000177 | .0002071 | -.000359 | -.003841 |
| #3 | .000096 | .0000539 | -.022652 | .000089 | -.000184 | -.000281 | .002067 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000358** | **-.015035** | **.0000631** | **-.000038** | **.1590480** | **.0012570** | **-.000557** |
| Stddev | .000861 | .008173 | .0001279 | .000779 | .0058930 | .0034067 | .000209 |
| %RSD | 240.6355 | 54.36117 | 202.8364 | 2073.044 | 3.705186 | 271.0077 | 37.55302 |
| #1 | -.001276 | -.011030 | -.000078 | .000622 | .1528572 | .0040468 | -.000785 |
| #2 | .000433 | -.009637 | .000095 | .000161 | .1596972 | -.002540 | -.000374 |
| #3 | -.000231 | -.024438 | .000172 | -.000896 | .1645895 | .002264 | -.000513 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0549467** | **.0013554** | **.0004924** | **-.002846** | **.0000503** | **.0031839** | **.0009350** |
| Stddev | .0316355 | .0008157 | .0000796 | .000029 | .0005462 | .0082331 | .0003806 |
| %RSD | 57.57486 | 60.18425 | 16.16473 | 1.017246 | 1084.986 | 258.5828 | 40.69898 |
| #1 | .0280145 | .0022717 | .0005825 | -.002875 | -.000266 | -.005726 | .0010104 |
| #2 | .0470399 | .0007085 | .0004318 | -.002817 | -.000264 | .004769 | .0012723 |
| #3 | .0897856 | .0010859 | .0004629 | -.002846 | .000681 | .010509 | .0005225 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB03 Acquired: 8/19/2025 14:58:38 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000313 | -.002870 | .0003068 |
| Stddev | .000747 | .001503 | .0000980 |
| %RSD | 238.5382 | 52.38696 | 31.94974 |
| | | | |
| #1 | -.000124 | -.001153 | .0004184 |
| #2 | -.001136 | -.003950 | .0002348 |
| #3 | .000321 | -.003506 | .0002671 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6578.065 | 113549.2 | 11440.00 | 5105.796 | 8377.599 |
| Stddev | 7.745 | 160.5 | 40.01 | 18.683 | 14.453 |
| %RSD | .1177362 | .1413361 | .3497717 | .3659117 | .1725239 |
| | | | | | |
| #1 | 6579.922 | 113707.8 | 11420.06 | 5085.581 | 8372.395 |
| #2 | 6584.712 | 113552.8 | 11486.07 | 5122.427 | 8393.934 |
| #3 | 6569.560 | 113386.9 | 11413.88 | 5109.379 | 8366.468 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01LX5 Acquired: 8/19/2025 15:02:57 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0180960 | -.004188 | .0499148 | .0011688 | -.002983 | 44.29547 | .1774310 |
| Stddev | .0012731 | .000552 | .0003940 | .0036019 | .001598 | .06506 | .0016787 |
| %RSD | 7.035234 | 13.19160 | .7893016 | 308.1808 | 53.57057 | .1468703 | .9461216 |
| #1 | .0169894 | -.004796 | .0498408 | -.001656 | -.003169 | 44.36640 | .1783498 |
| #2 | .0194874 | -.004050 | .0503405 | -.000062 | -.004480 | 44.23857 | .1784497 |
| #3 | .0178113 | -.003717 | .0495631 | .005225 | -.001300 | 44.28144 | .1754934 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0041004 | .0010279 | 5.861089 | .0589141 | .0313568 | .0625908 | 72.70792 |
| Stddev | .0000848 | .0000957 | .008882 | .0003160 | .0002923 | .0004072 | .35093 |
| %RSD | 2.069035 | 9.307491 | .1515394 | .5362845 | .9323128 | .6505342 | .4826617 |
| #1 | .0040775 | .0011382 | 5.859171 | .0588008 | .0314884 | .0630360 | 72.91346 |
| #2 | .0041944 | .0009767 | 5.870773 | .0586704 | .0315602 | .0622372 | 72.90758 |
| #3 | .0040294 | .0009687 | 5.853323 | .0592710 | .0310218 | .0624993 | 72.30271 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.287193 | 12.28145 | .0536084 | .0017349 | .9433612 | .1096446 | .1493463 |
| Stddev | .010443 | .04758 | .0006233 | .0002392 | .0162737 | .0021685 | .0004368 |
| %RSD | .8112981 | .3874486 | 1.162650 | 13.78514 | 1.725075 | 1.977713 | .2924641 |
| #1 | 1.290521 | 12.26005 | .0541092 | .0014641 | .9247519 | .1120960 | .1497950 |
| #2 | 1.295565 | 12.33597 | .0538057 | .0019171 | .9549245 | .1088605 | .1493215 |
| #3 | 1.275491 | 12.24832 | .0529104 | .0018235 | .9504073 | .1079772 | .1489225 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.994913 | .0316802 | .0015936 | -.002321 | .9743640 | 1.103161 | 1.091977 |
| Stddev | .025233 | .0014060 | .0002125 | .000225 | .0036287 | .004896 | .012124 |
| %RSD | .8425359 | 4.438238 | 13.33176 | 9.694027 | .3724188 | .4438389 | 1.110284 |
| #1 | 2.971636 | .0332900 | .0014576 | -.002087 | .9755796 | 1.097507 | 1.105844 |
| #2 | 2.991374 | .0310576 | .0018385 | -.002339 | .9772288 | 1.106013 | 1.086710 |
| #3 | 3.021729 | .0306929 | .0014848 | -.002536 | .9702835 | 1.105962 | 1.083378 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01LX5 Acquired: 8/19/2025 15:02:57 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .6174812 | .0565257 | -.038539 |
| Stddev | .0049381 | .0022821 | .000166 |
| %RSD | .7997223 | 4.037350 | .4304276 |
| #1 | .6211468 | .0560232 | -.038724 |
| #2 | .6194309 | .0590172 | -.038489 |
| #3 | .6118658 | .0545367 | -.038404 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6675.646 | 113150.1 | 11911.98 | 5132.673 | 7868.288 |
| Stddev | 2.724 | 203.5 | 46.59 | 25.742 | 4.791 |
| %RSD | .0408043 | .1798453 | .3910800 | .5015401 | .0608893 |
| #1 | 6672.529 | 113383.8 | 11956.77 | 5107.527 | 7868.306 |
| #2 | 6676.841 | 113012.2 | 11863.78 | 5158.973 | 7863.488 |
| #3 | 6677.569 | 113054.2 | 11915.38 | 5131.518 | 7873.070 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01MS Acquired: 8/19/2025 15:07:03 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7579129 | 1.802103 | 1.105006 | 1.682940 | .3403051 | 167.3105 |
| Stddev | .0022007 | .024059 | .000365 | .002862 | .0027567 | .1726 |
| %RSD | .2903630 | 1.335028 | .0329861 | .1700514 | .8100700 | .1031777 |
| #1 | .7556772 | 1.786412 | 1.105421 | 1.680936 | .3432743 | 167.4993 |
| #2 | .7579846 | 1.790095 | 1.104741 | 1.686217 | .3398142 | 167.1608 |
| #3 | .7600769 | 1.829802 | 1.104854 | 1.681666 | .3378269 | 167.2715 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7775633 | .1807043 | .1982959 | 32.93778 | .6225628 | .3112691 |
| Stddev | .0014027 | .0003844 | .0001018 | .05549 | .0010225 | .0000966 |
| %RSD | .1803911 | .2127377 | .0513437 | .1684595 | .1642323 | .0310403 |
| #1 | .7788677 | .1803326 | .1981906 | 32.98423 | .6216256 | .3113351 |
| #2 | .7760796 | .1811003 | .1983032 | 32.87634 | .6224097 | .3111582 |
| #3 | .7777427 | .1806800 | .1983938 | 32.95277 | .6236532 | .3113141 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5462349 | 278.4288 | 4.623291 | 49.01760 | .7124331 | .0778154 |
| Stddev | .0007008 | 1.1917 | .010829 | .01685 | .0005309 | .0003201 |
| %RSD | .1282966 | .4280207 | .2342283 | .0343740 | .0745203 | .4113981 |
| #1 | .5454263 | 279.3462 | 4.633278 | 49.02057 | .7118212 | .0781149 |
| #2 | .5466668 | 277.0818 | 4.611781 | 49.03277 | .7127715 | .0774780 |
| #3 | .5466115 | 278.8583 | 4.624813 | 48.99946 | .7127066 | .0778533 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.504150 | .7397423 | .7437600 | 19.80836 | .3870652 | .3605986 |
| Stddev | .047021 | .0020053 | .0011401 | .08268 | .0061886 | .0003047 |
| %RSD | .7229346 | .2710794 | .1532904 | .4173854 | 1.598861 | .0845021 |
| #1 | 6.541756 | .7396757 | .7428904 | 19.85725 | .3938515 | .3605606 |
| #2 | 6.451431 | .7377712 | .7433389 | 19.71290 | .3817334 | .3603147 |
| #3 | 6.519262 | .7417801 | .7450508 | 19.85492 | .3856106 | .3609206 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01MS Acquired: 8/19/2025 15:07:03 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6270260 | 4.624107 | 5.456510 | F 10.25145 | 2.863064 | .3875717 |
| Stddev | .0009276 | .008263 | .036924 | .05832 | .015268 | .0020548 |
| %RSD | .1479413 | .1786971 | .6766954 | .5688907 | .5332914 | .5301594 |
| #1 | .6263869 | 4.630678 | 5.493096 | 10.19289 | 2.850310 | .3890470 |
| #2 | .6280899 | 4.614830 | 5.419257 | 10.30953 | 2.858900 | .3852249 |
| #3 | .6266010 | 4.626812 | 5.457177 | 10.25192 | 2.879983 | .3884433 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0624312 |
| Stddev | .0005866 |
| %RSD | .9395262 |
| #1 | .0628325 |
| #2 | .0627030 |
| #3 | .0617581 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6883.242 | 117080.1 | 12879.46 | 5309.323 | 7165.655 |
| Stddev | 11.507 | 14.2 | 27.73 | 16.801 | 4.223 |
| %RSD | .1671743 | .0121537 | .2153381 | .3164496 | .0589399 |
| #1 | 6872.633 | 117070.5 | 12900.72 | 5326.442 | 7160.822 |
| #2 | 6895.475 | 117073.4 | 12848.09 | 5308.668 | 7168.634 |
| #3 | 6881.618 | 117096.5 | 12889.56 | 5292.859 | 7167.509 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01A Acquired: 8/19/2025 15:14:57 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.7455959** | **1.825853** | **1.106398** | **1.665321** | **.6680707** | **185.5637** |
| Stddev | .0010882 | .016640 | .004193 | .006476 | .0025020 | .1560 |
| %RSD | .1459479 | .9113618 | .3789902 | .3888621 | .3745161 | .0840627 |
| #1 | .7467883 | 1.842430 | 1.102032 | 1.672796 | .6651816 | 185.5391 |
| #2 | .7446566 | 1.825977 | 1.106768 | 1.661729 | .6695029 | 185.4214 |
| #3 | .7453427 | 1.809151 | 1.110393 | 1.661437 | .6695275 | 185.7304 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.9174166** | **.1743904** | **.1917023** | **24.68660** | **.5802811** | **.3342686** |
| Stddev | .0039298 | .0009713 | .0004295 | .02663 | .0018937 | .0006235 |
| %RSD | .4283504 | .5569470 | .2240612 | .1078873 | .3263394 | .1865342 |
| #1 | .9208334 | .1741164 | .1912329 | 24.71495 | .5818821 | .3335724 |
| #2 | .9131223 | .1735855 | .1917985 | 24.66209 | .5807705 | .3347756 |
| #3 | .9182942 | .1754692 | .1920756 | 24.68276 | .5781908 | .3344578 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.4933293** | **307.5807** | **5.361955** | **51.68758** | **.7170093** | **.0731267** |
| Stddev | .0033781 | 1.7966 | .026245 | .10664 | .0009465 | .0009702 |
| %RSD | .6847607 | .5841080 | .4894642 | .2063117 | .1320021 | 1.326672 |
| #1 | .4902312 | 309.0216 | 5.386648 | 51.65930 | .7161738 | .0741194 |
| #2 | .4928258 | 308.1527 | 5.334394 | 51.59793 | .7168170 | .0730799 |
| #3 | .4969309 | 305.5677 | 5.364824 | 51.80550 | .7180372 | .0721808 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.999160** | **.6948218** | **.8073353** | **21.82224** | **.3541414** | **.3483557** |
| Stddev | .022125 | .0042326 | .0004211 | .12931 | .0104722 | .0007188 |
| %RSD | .3688082 | .6091611 | .0521531 | .5925490 | 2.957056 | .2063344 |
| #1 | 6.024296 | .6994877 | .8075245 | 21.89899 | .3590370 | .3491559 |
| #2 | 5.982635 | .6912293 | .8076286 | 21.89479 | .3612690 | .3477649 |
| #3 | 5.990549 | .6937484 | .8068529 | 21.67295 | .3421180 | .3481463 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01A  Acquired: 8/19/2025 15:14:57  Type: Unk
Method: 6010-200.7 NEW(v115)  Mode: CONC  Corr. Factor: 1.000000
User: Jaswal  Custom ID1:  Custom ID2:  Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6372385 | 4.185039 | 6.136843 | F 10.68290 | 3.071308 | .4133498 |
| Stddev | .0013338 | .010049 | .015798 | .04369 | .005257 | .0013490 |
| %RSD | .2093097 | .2401210 | .2574316 | .4089637 | .1711634 | .3263493 |
| #1 | .6387649 | 4.193891 | 6.119001 | 10.72881 | 3.069733 | .4142972 |
| #2 | .6362977 | 4.174116 | 6.142477 | 10.64184 | 3.067018 | .4118053 |
| #3 | .6366527 | 4.187111 | 6.149053 | 10.67805 | 3.077172 | .4139468 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.002731 |
| Stddev | .001740 |
| %RSD | 63.72345 |
| #1 | -.003101 |
| #2 | -.004256 |
| #3 | -.000835 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7024.221 | 119225.7 | 13025.39 | 5378.379 | 7189.874 |
| Stddev | 2.098 | 192.2 | 98.45 | 8.122 | 3.767 |
| %RSD | .0298710 | .1611738 | .7558392 | .1510168 | .0523934 |
| #1 | 7024.421 | 119021.2 | 13006.31 | 5369.499 | 7191.629 |
| #2 | 7022.031 | 119402.6 | 13131.98 | 5380.208 | 7185.550 |
| #3 | 7026.213 | 119253.2 | 12937.87 | 5385.432 | 7192.443 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169280BL Acquired: 8/19/2025 15:18:52 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000871 | .0006775 | -.000403 | -.002156 | .0004573 | .0344134 | -.006269 |
| Stddev | .0015143 | .0010042 | .000780 | .001072 | .0008193 | .0111882 | .000612 |
| %RSD | 1739.410 | 148.2335 | 193.6204 | 49.72810 | 179.1474 | 32.51126 | 9.763650 |
| #1 | -.001438 | -.000482 | .000456 | -.001360 | .0005065 | .0471487 | -.006791 |
| #2 | .000110 | .001268 | -.000597 | -.003376 | .0012509 | .0299261 | -.005595 |
| #3 | .001590 | .001246 | -.001067 | -.001734 | -.000385 | .0261654 | -.006420 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000345 | .0000383 | -.002727 | -.000047 | .0000481 | -.000609 | .0329373 |
| Stddev | .0000664 | .0000483 | .006313 | .000114 | .0001175 | .000107 | .0049007 |
| %RSD | 192.5780 | 126.1395 | 231.5004 | 240.8746 | 244.4371 | 17.56024 | 14.87893 |
| #1 | .0000650 | .0000570 | .001075 | -.000175 | .0001813 | -.000587 | .0385803 |
| #2 | -.000042 | -.000017 | .000758 | .000044 | -.000040 | -.000725 | .0297496 |
| #3 | .000080 | .000074 | -.010014 | -.000011 | .000003 | -.000514 | .0304819 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001968 | .0089652 | .0000146 | -.000001 | .1182912 | .0000462 | -.000896 |
| Stddev | .0004221 | .0176367 | .0002920 | .000465 | .0184034 | .0023731 | .000204 |
| %RSD | 214.4716 | 196.7232 | 1996.808 | 55994.98 | 15.55771 | 5135.044 | 22.73315 |
| #1 | .0006017 | -.010763 | .0002950 | .000487 | .1180284 | .0000253 | -.001033 |
| #2 | .0002296 | .023205 | -.000288 | -.000050 | .1000206 | .0024297 | -.000993 |
| #3 | -.000241 | .014455 | .000037 | -.000439 | .1368246 | -.002316 | -.000662 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.006195 | -.002391 | .0001555 | -.003039 | .0003603 | -.001722 | .0003698 |
| Stddev | .013035 | .000270 | .0001109 | .000476 | .0010441 | .000824 | .0007066 |
| %RSD | 210.4115 | 11.30059 | 71.33328 | 15.66924 | 289.7775 | 47.84920 | 191.1001 |
| #1 | -.018806 | -.002703 | .0002123 | -.002662 | -.000822 | -.002620 | .0000037 |
| #2 | -.007005 | -.002228 | .0000277 | -.003574 | .000749 | -.001002 | .0011844 |
| #3 | .007226 | -.002242 | .0002265 | -.002881 | .001155 | -.001543 | -.000079 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169280BL Acquired: 8/19/2025 15:18:52 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.001459 | -.003061 | .0000050 |
| Stddev | .001530 | .000865 | .0000123 |
| %RSD | 104.8811 | 28.26758 | 243.7868 |
| #1 | -.003132 | -.002398 | -.000003 |
| #2 | -.000129 | -.004040 | .000019 |
| #3 | -.001117 | -.002745 | -.000001 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6628.622 | 111295.9 | 11515.53 | 4989.421 | 8439.047 |
| Stddev | 5.374 | 5064.5 | 13.21 | 229.927 | 10.856 |
| %RSD | .0810743 | 4.550497 | .1146761 | 4.608293 | .1286381 |
| #1 | 6627.776 | 114249.1 | 11529.10 | 5127.604 | 8432.110 |
| #2 | 6634.368 | 114190.5 | 11502.72 | 5116.660 | 8433.474 |
| #3 | 6623.720 | 105448.0 | 11514.76 | 4724.000 | 8451.558 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169280BS Acquired: 8/19/2025 15:23:11 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.7636765** | **1.874180** | **.9186386** | **1.939475** | **.7782724** | **1.911962** |
| Stddev | .0029134 | .090079 | .0017758 | .004896 | .0008757 | .007280 |
| %RSD | .3814942 | 4.806315 | .1933095 | .2524652 | .1125201 | .3807627 |
| #1 | .7628325 | 1.922028 | .9203148 | 1.939136 | .7773366 | 1.910588 |
| #2 | .7612783 | 1.770274 | .9188234 | 1.934756 | .7784085 | 1.905467 |
| #3 | .7669187 | 1.930239 | .9167776 | 1.944532 | .7790721 | 1.919831 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1825361** | **.1913764** | **.1826784** | **.9731641** | **.3886112** | **.1872436** |
| Stddev | .0010444 | .0014997 | .0001642 | .0023089 | .0007609 | .0003741 |
| %RSD | .5721609 | .7836356 | .0898964 | .2372578 | .1958079 | .1998163 |
| #1 | .1822928 | .1899808 | .1827883 | .9709691 | .3889101 | .1870622 |
| #2 | .1816347 | .1911864 | .1827573 | .9755722 | .3877462 | .1876738 |
| #3 | .1836806 | .1929621 | .1824896 | .9729511 | .3891773 | .1869947 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2995585** | **2.906800** | **.1934237** | **1.910020** | **.4715867** | **.0724031** |
| Stddev | .0004163 | .017277 | .0016244 | .008474 | .0003276 | .0001333 |
| %RSD | .1389837 | .5943498 | .8398256 | .4436399 | .0694688 | .1840331 |
| #1 | .2993072 | 2.925680 | .1934348 | 1.919761 | .4714915 | .0722872 |
| #2 | .3000391 | 2.891780 | .1917938 | 1.904354 | .4719513 | .0725487 |
| #3 | .2993292 | 2.902939 | .1950426 | 1.905945 | .4713172 | .0723735 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.808495** | **.2883184** | **.2017779** | **9.175841** | **.2787567** | **.3892290** |
| Stddev | .007096 | .0010374 | .0009673 | .032840 | .0017230 | .0002453 |
| %RSD | .2526450 | .3598034 | .4794009 | .3578949 | .6181039 | .0630161 |
| #1 | 2.815878 | .2892322 | .2012911 | 9.211969 | .2775782 | .3893080 |
| #2 | 2.801727 | .2871908 | .2011507 | 9.167756 | .2779577 | .3889539 |
| #3 | 2.807880 | .2885321 | .2028919 | 9.147799 | .2807341 | .3894249 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169280BS Acquired: 8/19/2025 15:23:11 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6365357** | **.1845679** | **.8687988** | **5.309858** | F **-.002184** | **.1869733** |
| Stddev | .0024511 | .0001818 | .0063016 | .037826 | .003321 | .0009313 |
| %RSD | .3850751 | .0984726 | .7253294 | .7123694 | 152.0619 | .4981121 |
| #1 | .6360611 | .1843917 | .8706860 | 5.311190 | .001494 | .1873779 |
| #2 | .6343566 | .1847548 | .8739412 | 5.271384 | -.004965 | .1859080 |
| #3 | .6391895 | .1845571 | .8617692 | 5.347000 | -.003081 | .1876338 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.1878889** |
| Stddev | .0006286 |
| %RSD | .3345694 |
| #1 | .1874430 |
| #2 | .1876158 |
| #3 | .1886078 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6601.817** | **113681.6** | **11509.07** | **5142.045** | **8154.929** |
| Stddev | 7.925 | 280.6 | 91.11 | 17.212 | 7.527 |
| %RSD | .1200434 | .2468368 | .7916095 | .3347296 | .0923035 |
| #1 | 6605.244 | 113398.1 | 11554.51 | 5153.941 | 8154.907 |
| #2 | 6592.756 | 113959.3 | 11568.52 | 5149.885 | 8147.413 |
| #3 | 6607.452 | 113687.5 | 11404.18 | 5122.308 | 8162.467 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-01 Acquired: 8/19/2025 15:27:10 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2205260 | -.047721 | 1.033878 | .0066816 | -.009007 | 226.6650 |
| Stddev | .0006295 | .000676 | .003283 | .0008970 | .000878 | 2.0802 |
| %RSD | .2854445 | 1.416676 | .3175188 | 13.42470 | 9.745379 | .9177611 |
| #1 | .2204646 | -.046966 | 1.030104 | .0076914 | -.008000 | 226.5151 |
| #2 | .2211839 | -.047926 | 1.035457 | .0059771 | -.009610 | 228.8162 |
| #3 | .2199295 | -.048271 | 1.036073 | .0063762 | -.009412 | 224.6638 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.176216 | .0215302 | .0219004 | 80.08417 | .3468662 | .1617604 |
| Stddev | .001626 | .0001745 | .0002356 | .17558 | .0013708 | .0000768 |
| %RSD | .1382161 | .8104530 | 1.075935 | .2192482 | .3951890 | .0474666 |
| #1 | 1.174387 | .0213294 | .0216607 | 79.93440 | .3483023 | .1616793 |
| #2 | 1.177495 | .0216160 | .0219088 | 80.27740 | .3467246 | .1618320 |
| #3 | 1.176767 | .0216452 | .0221317 | 80.04069 | .3455718 | .1617697 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4133673 | 431.9681 | 6.953521 | 72.67568 | .3084763 | .0127156 |
| Stddev | .0019304 | 2.4392 | .026244 | .17766 | .0011240 | .0003849 |
| %RSD | .4670032 | .5646653 | .3774211 | .2444558 | .3643571 | 3.026625 |
| #1 | .4124040 | 433.4825 | 6.923707 | 72.72087 | .3073469 | .0130380 |
| #2 | .4155898 | 429.1543 | 6.973128 | 72.82639 | .3095947 | .0122895 |
| #3 | .4121080 | 433.2675 | 6.963729 | 72.47979 | .3084873 | .0128192 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.408411 | .5497202 | 1.465480 | 35.08755 | ^ ***** | .0124750 |
| Stddev | .024674 | .0024430 | .001901 | .15789 | ----- | .0004176 |
| %RSD | .5597108 | .4444085 | .1296887 | .4499782 | ----- | 3.347831 |
| #1 | 4.384858 | .5508689 | 1.465362 | 35.20543 | ^ ----- | .0129328 |
| #2 | 4.434071 | .5513771 | 1.463641 | 35.14905 | ^ ----- | .0121148 |
| #3 | 4.406304 | .5469146 | 1.467436 | 34.90817 | ^ ----- | .0123773 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-01 Acquired: 8/19/2025 15:27:10 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0749058 | 9.933249 | 5.400252 | F 15.76048 | 6.977140 | .3193542 |
| Stddev | .0005136 | .019020 | .013260 | .03190 | .027773 | .0001722 |
| %RSD | .6856176 | .1914782 | .2455514 | .2024181 | .3980629 | .0539204 |
| #1 | .0743138 | 9.913261 | 5.386213 | 15.72531 | 6.946136 | .3194587 |
| #2 | .0752319 | 9.951124 | 5.401980 | 15.76860 | 6.999744 | .3194486 |
| #3 | .0751717 | 9.935362 | 5.412564 | 15.78754 | 6.985539 | .3191555 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.094278 |
| Stddev | .002817 |
| %RSD | 2.987659 |
| #1 | -.096477 |
| #2 | -.091103 |
| #3 | -.095255 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7153.075 | 122245.1 | 14090.01 | 5433.240 | 6895.911 |
| Stddev | 7.018 | 400.3 | 25.57 | 40.192 | 2.116 |
| %RSD | .0981159 | .3274191 | .1814427 | .7397483 | .0306837 |
| #1 | 7151.204 | 121924.1 | 14096.67 | 5395.860 | 6897.685 |
| #2 | 7160.840 | 122117.5 | 14061.78 | 5475.752 | 6896.479 |
| #3 | 7147.182 | 122693.6 | 14111.59 | 5428.108 | 6893.569 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-03 Acquired: 8/19/2025 15:31:28 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1997376** | **-.036371** | **1.047968** | **.0082772** | **-.001020** | **238.8209** |
| Stddev | .0022304 | .002353 | .005089 | .0074773 | .000952 | 1.5047 |
| %RSD | 1.116654 | 6.468504 | .4855965 | 90.33653 | 93.29757 | .6300657 |
| #1 | .1988962 | -.039051 | 1.051555 | .0030180 | -.001769 | 237.1199 |
| #2 | .1980502 | -.035415 | 1.042144 | .0049767 | -.001343 | 239.3646 |
| #3 | .2022662 | -.034646 | 1.050206 | .0168369 | .000051 | 239.9782 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.289039** | **.0193221** | **.0185766** | **85.51305** | **.3544113** | **.1662683** |
| Stddev | .005347 | .0001869 | .0001637 | .11914 | .0004948 | .0008562 |
| %RSD | .4148352 | .9672883 | .8810316 | .1393278 | .1396129 | .5149347 |
| #1 | 1.283503 | .0192447 | .0187556 | 85.37739 | .3548133 | .1672485 |
| #2 | 1.294175 | .0195353 | .0184346 | 85.56105 | .3538587 | .1658896 |
| #3 | 1.289438 | .0191863 | .0185396 | 85.60070 | .3545620 | .1656668 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.4811661** | **340.7382** | **7.086763** | **72.44524** | **.3172043** | **.0138090** |
| Stddev | .0008215 | .6064 | .030084 | .11283 | .0003899 | .0006603 |
| %RSD | .1707217 | .1779619 | .4245032 | .1557445 | .1229183 | 4.781512 |
| #1 | .4814012 | 340.0743 | 7.055381 | 72.34667 | .3176041 | .0132107 |
| #2 | .4802527 | 341.2629 | 7.115353 | 72.42075 | .3171835 | .0136989 |
| #3 | .4818443 | 340.8773 | 7.089554 | 72.56830 | .3168252 | .0145174 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **4.922456** | **.5641910** | **1.561043** | **39.11573** | **.2211531** | **.0164958** |
| Stddev | .022056 | .0054240 | .002535 | .10832 | .0039535 | .0004506 |
| %RSD | .4480639 | .9613801 | .1623875 | .2769238 | 1.787689 | 2.731415 |
| #1 | 4.898715 | .5667493 | 1.558485 | 39.00455 | .2234232 | .0163801 |
| #2 | 4.926342 | .5579610 | 1.561090 | 39.12170 | .2234482 | .0169930 |
| #3 | 4.942310 | .5678628 | 1.563554 | 39.22094 | .2165880 | .0161144 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2879-03 Acquired: 8/19/2025 15:31:28 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0303398 | F 10.42296 | 6.109144 | F 17.02238 | 8.598004 | .3158531 |
| Stddev | .0009603 | .02624 | .025806 | .07505 | .034014 | .0011060 |
| %RSD | 3.165111 | .2517741 | .4224233 | .4408965 | .3956091 | .3501570 |
| #1 | .0294668 | 10.39570 | 6.111682 | 17.10432 | 8.635711 | .3145760 |
| #2 | .0313684 | 10.44806 | 6.133588 | 16.95697 | 8.569631 | .3164964 |
| #3 | .0301843 | 10.42511 | 6.082162 | 17.00586 | 8.588669 | .3164868 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0331186 |
| Stddev | .0008835 |
| %RSD | 2.667766 |
| #1 | .0321241 |
| #2 | .0338129 |
| #3 | .0334190 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7242.320 | 124515.1 | 14327.64 | 5568.759 | 6869.298 |
| Stddev | 5.930 | 141.6 | 42.30 | 12.658 | 7.670 |
| %RSD | .0818793 | .1136857 | .2952587 | .2273066 | .1116555 |
| #1 | 7244.118 | 124655.4 | 14358.45 | 5578.151 | 6865.217 |
| #2 | 7247.142 | 124372.4 | 14279.41 | 5573.764 | 6878.146 |
| #3 | 7235.699 | 124517.6 | 14345.07 | 5554.364 | 6864.532 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01MSD Acquired: 8/19/2025 15:35:36 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.7526147** | **1.756350** | **1.088936** | **1.666665** | **.3395041** | **165.1880** |
| Stddev | .0024486 | .043733 | .005017 | .011402 | .0023715 | .1914 |
| %RSD | .3253468 | 2.489968 | .4607622 | .6841168 | .6985066 | .1158933 |
| #1 | .7550451 | 1.803587 | 1.089384 | 1.674032 | .3414131 | 164.9818 |
| #2 | .7501483 | 1.717271 | 1.083710 | 1.653532 | .3402499 | 165.3602 |
| #3 | .7526508 | 1.748191 | 1.093715 | 1.672432 | .3368494 | 165.2218 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.7694070** | **.1760656** | **.1955591** | **32.45229** | **.6144703** | **.3074353** |
| Stddev | .0023963 | .0001579 | .0002218 | .04066 | .0004636 | .0004017 |
| %RSD | .3114534 | .0897044 | .1134291 | .1253058 | .0754438 | .1306660 |
| #1 | .7686294 | .1758836 | .1954644 | 32.41258 | .6145227 | .3074122 |
| #2 | .7674961 | .1761671 | .1954003 | 32.49385 | .6149054 | .3070456 |
| #3 | .7720956 | .1761460 | .1958125 | 32.45045 | .6139827 | .3078480 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.5368489** | **277.6447** | **4.550353** | **48.15449** | **.7033466** | **.0778042** |
| Stddev | .0014897 | .7701 | .008717 | .05990 | .0012513 | .0003290 |
| %RSD | .2774967 | .2773783 | .1915738 | .1243812 | .1779072 | .4228502 |
| #1 | .5364338 | 277.8187 | 4.546617 | 48.21286 | .7026108 | .0779856 |
| #2 | .5385022 | 276.8024 | 4.544126 | 48.15743 | .7026376 | .0774244 |
| #3 | .5356108 | 278.3129 | 4.560315 | 48.09318 | .7047914 | .0780025 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **6.518705** | **.7283876** | **.7359893** | **19.73450** | **.3961993** | **.3562771** |
| Stddev | .034781 | .0008262 | .0017166 | .07387 | .0048257 | .0004021 |
| %RSD | .5335583 | .1134298 | .2332313 | .3743029 | 1.217990 | .1128623 |
| #1 | 6.532471 | .7277481 | .7357320 | 19.70005 | .3988269 | .3560854 |
| #2 | 6.479148 | .7293205 | .7378201 | 19.68416 | .3906301 | .3560068 |
| #3 | 6.544497 | .7280942 | .7344160 | 19.81930 | .3991410 | .3567392 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2889-01MSD Acquired: 8/19/2025 15:35:36 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6189283 | 4.572568 | 5.395972 | F 10.07301 | 2.826700 | .3826459 |
| Stddev | .0018935 | .005465 | .029467 | .09580 | .022433 | .0004555 |
| %RSD | .3059238 | .1195140 | .5460878 | .9510532 | .7936250 | .1190456 |
| #1 | .6203062 | 4.567845 | 5.419827 | 10.13728 | 2.837988 | .3824048 |
| #2 | .6167692 | 4.571306 | 5.363033 | 9.96291 | 2.800864 | .3823615 |
| #3 | .6197094 | 4.578554 | 5.405057 | 10.11886 | 2.841247 | .3831713 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0599548 |
| Stddev | .0007611 |
| %RSD | 1.269461 |
| #1 | .0592247 |
| #2 | .0598960 |
| #3 | .0607435 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6971.343 | 118452.7 | 13224.10 | 5325.925 | 7274.004 |
| Stddev | 7.433 | 172.3 | 16.43 | 26.938 | 2.945 |
| %RSD | .1066248 | .1454623 | .1242647 | .5057964 | .0404855 |
| #1 | 6976.720 | 118334.2 | 13234.73 | 5310.458 | 7273.416 |
| #2 | 6962.861 | 118650.4 | 13205.18 | 5310.287 | 7277.199 |
| #3 | 6974.449 | 118373.6 | 13232.41 | 5357.031 | 7271.398 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169302BL Acquired: 8/19/2025 15:39:31 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000150** | **.0018489** | **.0003910** | **-.000187** | **-.000417** | **.0236919** | **-.005304** |
| Stddev | .000347 | .0015381 | .0002749 | .002365 | .001634 | .0120183 | .000438 |
| %RSD | 231.9196 | 83.19219 | 70.31621 | 1265.293 | 392.3194 | 50.72738 | 8.260534 |
| #1 | -.000395 | .0030931 | .0002953 | .002089 | -.000966 | .0374345 | -.005553 |
| #2 | -.000301 | .0001292 | .0007010 | -.000017 | .001422 | .0184925 | -.004798 |
| #3 | .000247 | .0023244 | .0001767 | -.002633 | -.001705 | .0151488 | -.005561 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0000880** | **.0000554** | **-.008314** | **.0000274** | **.0000242** | **-.000007** | **.0155142** |
| Stddev | .0000962 | .0000205 | .001746 | .0001731 | .0000432 | .000246 | .0014250 |
| %RSD | 109.2890 | 37.06696 | 21.00556 | 631.2682 | 178.3428 | 3717.438 | 9.185220 |
| #1 | .0000140 | .0000483 | -.009744 | .0002128 | .0000541 | -.000289 | .0171597 |
| #2 | .0001968 | .0000393 | -.008832 | -.000001 | -.000025 | .000162 | .0146923 |
| #3 | .0000533 | .0000785 | -.006368 | -.000130 | .000044 | .000107 | .0146907 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000472** | **.0185680** | **-.000143** | **.0000473** | **.0807087** | **-.000710** | **-.000617** |
| Stddev | .000357 | .0070216 | .000221 | .0001050 | .0119191 | .001410 | .000155 |
| %RSD | 75.57414 | 37.81579 | 154.6599 | 221.8568 | 14.76803 | 198.5074 | 25.16582 |
| #1 | -.000074 | .0136679 | -.000337 | -.000065 | .0689908 | .000662 | -.000439 |
| #2 | -.000581 | .0154239 | .000098 | .000063 | .0803160 | -.000638 | -.000685 |
| #3 | -.000762 | .0266123 | -.000190 | .000143 | .0928192 | -.002155 | -.000726 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.113389** | **-.003083** | **.0001390** | **-.002617** | **.0000953** | **-.002605** | **.0013788** |
| Stddev | .012869 | .000441 | .0002019 | .000693 | .0009595 | .003096 | .0012255 |
| %RSD | 11.34904 | 14.29266 | 145.1976 | 26.49238 | 1006.745 | 118.8231 | 88.88206 |
| #1 | -.125798 | -.003253 | .0002960 | -.002057 | .0005680 | -.006180 | .0009392 |
| #2 | -.100106 | -.003413 | .0002098 | -.003393 | -.001009 | -.000857 | .0027635 |
| #3 | -.114264 | -.002583 | -.000089 | -.002402 | .000727 | -.000780 | .0004338 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169302BL Acquired: 8/19/2025 15:39:31 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **-.000545** | **-.003383** | **-.000002** |
| Stddev | .001678 | .000828 | .000123 |
| %RSD | 307.6100 | 24.47759 | 7036.525 |
| #1 | -.001699 | -.003081 | -.000118 |
| #2 | -.001316 | -.004319 | -.000014 |
| #3 | .001379 | -.002748 | .000127 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6703.754** | **115320.5** | **11622.82** | **5133.104** | **8533.436** |
| Stddev | 4.256 | 281.9 | 84.49 | 18.148 | 4.262 |
| %RSD | .0634872 | .2444168 | .7269640 | .3535518 | .0499434 |
| #1 | 6703.084 | 115536.6 | 11672.89 | 5122.008 | 8535.367 |
| #2 | 6708.305 | 115001.7 | 11525.26 | 5123.256 | 8536.390 |
| #3 | 6699.872 | 115423.3 | 11670.31 | 5154.047 | 8528.550 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169302BS Acquired: 8/19/2025 15:43:50 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.7664279** | **1.890406** | **.9174973** | **1.942224** | **.8064461** | **1.922134** |
| Stddev | .0019383 | .046828 | .0024228 | .005416 | .0028017 | .010019 |
| %RSD | .2529020 | 2.477134 | .2640656 | .2788333 | .3474150 | .5212460 |
| #1 | .7652873 | 1.850025 | .9194164 | 1.936100 | .8048608 | 1.911249 |
| #2 | .7653305 | 1.941740 | .9183007 | 1.944187 | .8047965 | 1.930969 |
| #3 | .7686659 | 1.879455 | .9147749 | 1.946384 | .8096810 | 1.924185 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1814703** | **.1918794** | **.1823483** | **.9712266** | **.3901108** | **.1871192** |
| Stddev | .0002479 | .0008928 | .0002024 | .0048147 | .0008402 | .0002721 |
| %RSD | .1365817 | .4653115 | .1109850 | .4957378 | .2153814 | .1454354 |
| #1 | .1812319 | .1909489 | .1824802 | .9659375 | .3900610 | .1871237 |
| #2 | .1814523 | .1919602 | .1821153 | .9723879 | .3909747 | .1868448 |
| #3 | .1817266 | .1927291 | .1824494 | .9753545 | .3892965 | .1873890 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2982324** | **2.911496** | **.1915300** | **1.916723** | **.4707889** | **.0721500** |
| Stddev | .0003480 | .009081 | .0006037 | .024444 | .0005166 | .0004732 |
| %RSD | .1166796 | .3118918 | .3151942 | 1.275302 | .1097352 | .6558310 |
| #1 | .2980100 | 2.905376 | .1922185 | 1.891440 | .4711733 | .0719229 |
| #2 | .2980538 | 2.921930 | .1910911 | 1.918498 | .4702017 | .0718332 |
| #3 | .2986334 | 2.907183 | .1912805 | 1.940232 | .4709918 | .0726939 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.748940** | **.2893115** | **.2031865** | **9.075757** | **.2785676** | **.4024255** |
| Stddev | .015904 | .0007160 | .0008076 | .037995 | .0023529 | .0005290 |
| %RSD | .5785472 | .2474735 | .3974643 | .4186378 | .8446356 | .1314592 |
| #1 | 2.730607 | .2896538 | .2023437 | 9.079162 | .2758930 | .4021873 |
| #2 | 2.759031 | .2884887 | .2039536 | 9.111934 | .2794911 | .4020575 |
| #3 | 2.757183 | .2897921 | .2032623 | 9.036174 | .2803186 | .4030317 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169302BS Acquired: 8/19/2025 15:43:50 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6580478** | **.1908611** | **.8892060** | **5.305225** | F **.0002336** | **.1839569** |
| Stddev | .0006473 | .0010850 | .0074516 | .032153 | .0051535 | .0012090 |
| %RSD | .0983614 | .5684822 | .8380067 | .6060703 | 2206.129 | .6572355 |
| #1 | .6574169 | .1896262 | .8977685 | 5.273338 | .0014654 | .1844524 |
| #2 | .6580161 | .1916618 | .8856592 | 5.337639 | -.005424 | .1848394 |
| #3 | .6587103 | .1912953 | .8841903 | 5.304697 | .004660 | .1825788 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.1861841** |
| Stddev | .0004182 |
| %RSD | .2246183 |
| #1 | .1857498 |
| #2 | .1862185 |
| #3 | .1865841 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6625.843** | **113336.6** | **11521.38** | **5093.175** | **8190.625** |
| Stddev | 10.043 | 410.0 | 31.75 | 28.668 | 11.845 |
| %RSD | .1515754 | .3617447 | .2755728 | .5628675 | .1446181 |
| #1 | 6616.469 | 113295.6 | 11553.72 | 5087.667 | 8176.968 |
| #2 | 6636.443 | 112948.6 | 11490.26 | 5067.661 | 8196.810 |
| #3 | 6624.617 | 113765.5 | 11520.15 | 5124.198 | 8198.097 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV04 Acquired: 8/19/2025 15:47:50 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **4.998784** | **4.863467** | **4.856634** | **5.032549** | **5.016987** | **9.740111** | **9.795343** |
| Stddev | .006494 | .052379 | .009879 | .004612 | .003440 | .037151 | .048029 |
| %RSD | .1299106 | 1.076986 | .2034065 | .0916371 | .0685635 | .3814197 | .4903203 |
| #1 | 4.992472 | 4.923934 | 4.846797 | 5.037681 | 5.013255 | 9.782993 | 9.849804 |
| #2 | 5.005446 | 4.832072 | 4.856549 | 5.031213 | 5.017675 | 9.717671 | 9.777180 |
| #3 | 4.998433 | 4.834395 | 4.866554 | 5.028752 | 5.020031 | 9.719668 | 9.759044 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2390902** | **2.440433** | **24.32176** | **.9898865** | **2.437894** | **1.239396** | **5.095901** |
| Stddev | .0011613 | .002947 | .08002 | .0015451 | .003187 | .001688 | .025110 |
| %RSD | .4857053 | .1207706 | .3289996 | .1560880 | .1307225 | .1361572 | .4927425 |
| #1 | .2402002 | 2.438940 | 24.41402 | .9881120 | 2.436993 | 1.239041 | 5.074217 |
| #2 | .2378837 | 2.438530 | 24.27996 | .9906134 | 2.435254 | 1.237915 | 5.123412 |
| #3 | .2391867 | 2.443828 | 24.27129 | .9909341 | 2.441434 | 1.241233 | 5.090075 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.432030** | **24.22397** | **2.441983** | **1.245596** | **24.44557** | **2.476458** | **2.515445** |
| Stddev | .004855 | .03377 | .002956 | .001129 | .18648 | .008565 | .005824 |
| %RSD | .1996105 | .1394022 | .1210295 | .0906219 | .7628539 | .3458507 | .2315287 |
| #1 | 2.437333 | 24.24097 | 2.439521 | 1.244351 | 24.24327 | 2.483945 | 2.509833 |
| #2 | 2.427806 | 24.18508 | 2.441167 | 1.246552 | 24.61060 | 2.467119 | 2.515041 |
| #3 | 2.430949 | 24.24586 | 2.445261 | 1.245885 | 24.48285 | 2.478309 | 2.521460 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **24.65558** | **4.776809** | **4.997347** | **4.887441** | **4.918529** | **5.087514** | **4.885655** |
| Stddev | .14528 | .011458 | .001179 | .001014 | .007485 | .012196 | .012613 |
| %RSD | .5892441 | .2398600 | .0235828 | .0207372 | .1521740 | .2397317 | .2581692 |
| #1 | 24.50138 | 4.788057 | 4.998107 | 4.888574 | 4.927138 | 5.075713 | 4.890920 |
| #2 | 24.78990 | 4.765153 | 4.995989 | 4.886622 | 4.914877 | 5.100071 | 4.894784 |
| #3 | 24.67545 | 4.777216 | 4.997945 | 4.887126 | 4.913571 | 5.086758 | 4.871263 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV04 Acquired: 8/19/2025 15:47:50 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **4.844767** | **4.625586** | **5.005926** |
| Stddev | .014858 | .002361 | .051965 |
| %RSD | .3066738 | .0510373 | 1.038078 |
| | | | |
| #1 | 4.857486 | 4.625285 | 5.060893 |
| #2 | 4.848378 | 4.623390 | 4.999285 |
| #3 | 4.828437 | 4.628082 | 4.957601 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6412.379** | **109124.4** | **11456.68** | **4941.027** | **7481.037** |
| Stddev | 10.188 | 109.1 | 61.36 | 10.143 | 9.266 |
| %RSD | .1588727 | .0999364 | .5355551 | .2052845 | .1238636 |
| | | | | | |
| #1 | 6419.261 | 109143.1 | 11385.84 | 4942.023 | 7485.925 |
| #2 | 6417.202 | 109007.3 | 11493.07 | 4930.422 | 7486.837 |
| #3 | 6400.676 | 109223.0 | 11491.13 | 4950.635 | 7470.351 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB04 Acquired: 8/19/2025 15:52:02 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000135** | **.0007629** | **-.000204** | **-.000904** | **-.000597** | **.0149562** | **-.005443** |
| Stddev | .000978 | .0006882 | .001176 | .002285 | .001529 | .0028153 | .000894 |
| %RSD | 725.5315 | 90.21918 | 576.5002 | 252.7061 | 256.2402 | 18.82382 | 16.42169 |
| #1 | .000994 | .0011979 | .000596 | -.003248 | .000331 | .0149373 | -.005586 |
| #2 | -.000700 | -.000031 | -.001555 | -.000782 | .000240 | .0177809 | -.004487 |
| #3 | -.000699 | .001121 | .000346 | .001317 | -.002362 | .0121503 | -.006258 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0000703** | **.0000816** | **-.008229** | **-.000175** | **.0000655** | **-.000042** | **.0000418** |
| Stddev | .0000169 | .0000097 | .003478 | .000153 | .0000914 | .000373 | .0028524 |
| %RSD | 24.06262 | 11.89590 | 42.26263 | 87.36579 | 139.4730 | 881.9034 | 6826.646 |
| #1 | .0000527 | .0000720 | -.004603 | -.000003 | .0000727 | -.000291 | -.003110 |
| #2 | .0000865 | .0000815 | -.011537 | -.000224 | -.000029 | .000387 | .000789 |
| #3 | .0000718 | .0000914 | -.008547 | -.000297 | .000153 | -.000223 | .002446 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000220** | **-.005207** | **-.000193** | **.0001076** | **.0684635** | **.0015377** | **-.000666** |
| Stddev | .000122 | .007170 | .000087 | .0001359 | .0088518 | .0013571 | .000187 |
| %RSD | 55.67224 | 137.6952 | 45.20099 | 126.3360 | 12.92923 | 88.26003 | 28.15326 |
| #1 | -.000196 | -.013483 | -.000187 | .0001341 | .0599356 | .0003013 | -.000819 |
| #2 | -.000111 | -.001248 | -.000283 | -.000040 | .0678477 | .0029897 | -.000721 |
| #3 | -.000352 | -.000889 | -.000109 | .000228 | .0776071 | .0013220 | -.000457 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.036052** | **.0011903** | **.0004974** | **-.002230** | **.0003155** | **.0013227** | **.0010149** |
| Stddev | .039686 | .0001924 | .0002634 | .000485 | .0009041 | .0060541 | .0016775 |
| %RSD | 110.0789 | 16.16024 | 52.95794 | 21.73538 | 286.6198 | 457.6988 | 165.2780 |
| #1 | -.079599 | .0009712 | .0008000 | -.002686 | .0010230 | .0051070 | .0027907 |
| #2 | -.001920 | .0013315 | .0003192 | -.002282 | -.000703 | .0045210 | .0007971 |
| #3 | -.026637 | .0012683 | .0003730 | -.001721 | .000627 | -.005660 | -.000543 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB04 Acquired: 8/19/2025 15:52:02 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **-.002463** | **-.002976** | **.0002946** |
| Stddev | .001223 | .002375 | .0000523 |
| %RSD | 49.66272 | 79.79082 | 17.75776 |
| #1 | -.001430 | -.001397 | .0002921 |
| #2 | -.002145 | -.005707 | .0003482 |
| #3 | -.003813 | -.001825 | .0002436 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6605.981** | **114053.2** | **11451.47** | **5077.679** | **8412.381** |
| Stddev | 4.027 | 135.1 | 55.12 | 12.845 | 7.093 |
| %RSD | .0609592 | .1184525 | .4813310 | .2529784 | .0843197 |
| #1 | 6602.062 | 114107.0 | 11470.64 | 5063.184 | 8404.393 |
| #2 | 6605.774 | 113899.4 | 11389.33 | 5087.651 | 8414.809 |
| #3 | 6610.108 | 114153.0 | 11494.45 | 5082.202 | 8417.942 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169291TB Acquired: 8/19/2025 15:56:20 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.003061** | **-.001367** | **-.001348** | **.0038357** | **.0011069** | **.0081667** | **-.006716** |
| Stddev | .001482 | .002291 | .000875 | .0025338 | .0013900 | .0056711 | .000880 |
| %RSD | 48.43433 | 167.5752 | 64.88386 | 66.05973 | 125.5831 | 69.44170 | 13.10901 |
| #1 | -.001941 | -.002582 | -.001573 | .0034546 | .0025899 | .0105546 | -.007311 |
| #2 | -.004742 | .001275 | -.000383 | .0065385 | -.000166 | .0016921 | -.007133 |
| #3 | -.002499 | -.002795 | -.002089 | .0015140 | .000897 | .0122532 | -.005705 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000082** | **-.000034** | **.0569510** | **.0016442** | **-.000223** | **-.000029** | **.0176403** |
| Stddev | .000031 | .000051 | .0062497 | .0000962 | .000095 | .000039 | .0018244 |
| %RSD | 37.78323 | 150.3113 | 10.97386 | 5.848959 | 42.32807 | 135.8382 | 10.34216 |
| #1 | -.000057 | -.000081 | .0511310 | .0015397 | -.000153 | -.000046 | .0165761 |
| #2 | -.000117 | .000021 | .0561658 | .0016641 | -.000331 | -.000056 | .0197469 |
| #3 | -.000072 | -.000043 | .0635562 | .0017289 | -.000186 | .000016 | .0165979 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0074333** | **-.008055** | **.0009277** | **-.000191** | **357.8033** | **.0015971** | **.0012912** |
| Stddev | .0003158 | .018836 | .0001808 | .000406 | 4.4697 | .0008747 | .0004338 |
| %RSD | 4.248046 | 233.8338 | 19.49107 | 212.6614 | 1.249213 | 54.76996 | 33.59721 |
| #1 | .0070696 | -.023525 | .0010421 | -.000510 | 354.0297 | .0009820 | .0009472 |
| #2 | .0076374 | -.013560 | .0010217 | .000266 | 362.7395 | .0012108 | .0011478 |
| #3 | .0075929 | .012920 | .0007192 | -.000329 | 356.6407 | .0025985 | .0017785 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.185223** | **-.002030** | **.0008019** | **-.015172** | **.0005314** | **.0133400** | **.0088185** |
| Stddev | .020278 | .000465 | .0002032 | .000307 | .0001779 | .0025139 | .0006627 |
| %RSD | 10.94809 | 22.92640 | 25.33336 | 2.026227 | 33.47622 | 18.84480 | 7.514383 |
| #1 | -.196957 | -.002566 | .0008988 | -.015167 | .0003418 | .0158763 | .0082240 |
| #2 | -.196904 | -.001794 | .0005685 | -.014867 | .0006947 | .0132948 | .0095330 |
| #3 | -.161807 | -.001730 | .0009385 | -.015482 | .0005575 | .0108491 | .0086987 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169291TB Acquired: 8/19/2025 15:56:20 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0785441 | -.007330 | .0002665 |
| Stddev | .0022039 | .000810 | .0000053 |
| %RSD | 2.805939 | 11.04424 | 1.980090 |
| #1 | .0804127 | -.007818 | .0002722 |
| #2 | .0791061 | -.006395 | .0002619 |
| #3 | .0761137 | -.007776 | .0002653 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6149.865 | 105422.6 | 11592.11 | 4770.731 | 7147.647 |
| Stddev | 11.859 | 161.4 | 22.10 | 7.649 | 16.833 |
| %RSD | .1928293 | .1530608 | .1906867 | .1603214 | .2355017 |
| #1 | 6146.480 | 105380.0 | 11614.73 | 4775.613 | 7134.063 |
| #2 | 6163.048 | 105600.9 | 11591.02 | 4774.664 | 7166.479 |
| #3 | 6140.066 | 105286.8 | 11570.56 | 4761.916 | 7142.400 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2884-04 Acquired: 8/19/2025 16:00:48 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0042941 | -.001179 | .0022825 | .0022256 | .0029748 | .0323220 | .0942952 |
| Stddev | .0011668 | .000422 | .0007548 | .0009018 | .0005191 | .0063622 | .0003821 |
| %RSD | 27.17297 | 35.79145 | 33.07006 | 40.52084 | 17.44952 | 19.68377 | .4051875 |
| #1 | .0030354 | -.000706 | .0018838 | .0019799 | .0024884 | .0373158 | .0940061 |
| #2 | .0053397 | -.001516 | .0018106 | .0032248 | .0029147 | .0344915 | .0947284 |
| #3 | .0045071 | -.001316 | .0031531 | .0014721 | .0035214 | .0251589 | .0941511 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000383 | .0003128 | 9.207637 | .0002308 | .0004045 | .0983985 | .1173140 |
| Stddev | .0000683 | .0000304 | .022741 | .0001073 | .0001426 | .0003134 | .0033137 |
| %RSD | 178.1829 | 9.726326 | .2469815 | 46.48070 | 35.24309 | .3185375 | 2.824666 |
| #1 | .0001119 | .0003239 | 9.232489 | .0001079 | .0004152 | .0987373 | .1155655 |
| #2 | -.000023 | .0002784 | 9.187867 | .0002791 | .0002569 | .0981188 | .1211357 |
| #3 | .000026 | .0003361 | 9.202556 | .0003055 | .0005415 | .0983395 | .1152406 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0336163 | 2.212501 | .0020264 | .0002595 | 166.0475 | .0020641 | .3872804 |
| Stddev | .0002563 | .009654 | .0001388 | .0002603 | 2.5613 | .0018317 | .0007738 |
| %RSD | .7625319 | .4363468 | 6.850530 | 100.2780 | 1.542503 | 88.74093 | .1998036 |
| #1 | .0338547 | 2.204597 | .0020643 | .0002031 | 167.6483 | .0003120 | .3875964 |
| #2 | .0336491 | 2.209646 | .0018725 | .0000322 | 167.4007 | .0019141 | .3863986 |
| #3 | .0333452 | 2.223261 | .0021422 | .0005434 | 163.0934 | .0039661 | .3878463 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.145637 | .0260253 | .0007859 | -.016521 | -.001017 | 2.136065 | .2721589 |
| Stddev | .031318 | .0001895 | .0000791 | .000337 | .001168 | .009712 | .0014812 |
| %RSD | .9956145 | .7281179 | 10.06948 | 2.039451 | 114.8246 | .4546778 | .5442460 |
| #1 | 3.174182 | .0259134 | .0008773 | -.016844 | -.000301 | 2.127849 | .2704905 |
| #2 | 3.112136 | .0262441 | .0007389 | -.016171 | -.000385 | 2.133562 | .2726666 |
| #3 | 3.150592 | .0259183 | .0007416 | -.016547 | -.002366 | 2.146783 | .2733195 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2884-04 Acquired: 8/19/2025 16:00:48 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.710295 | -.007935 | .0872647 |
| Stddev | .020930 | .001575 | .0002741 |
| %RSD | 1.223774 | 19.84457 | .3140571 |
| #1 | 1.717615 | -.009753 | .0875090 |
| #2 | 1.686688 | -.007037 | .0869683 |
| #3 | 1.726582 | -.007015 | .0873167 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6369.715 | 110034.4 | 12103.91 | 4930.362 | 7522.488 |
| Stddev | 2.839 | 138.2 | 22.26 | 32.380 | 4.782 |
| %RSD | .0445658 | .1255774 | .1838703 | .6567488 | .0635689 |
| #1 | 6368.424 | 110105.0 | 12078.24 | 4893.195 | 7527.948 |
| #2 | 6367.751 | 109875.2 | 12117.77 | 4952.472 | 7520.469 |
| #3 | 6372.970 | 110123.1 | 12115.73 | 4945.418 | 7519.047 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02 Acquired: 8/19/2025 16:05:06 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.003581** | **-.001833** | **.0100040** | **.0054588** | **.0017061** | **.1006636** | **.2447425** |
| Stddev | .000932 | .001212 | .0009470 | .0004454 | .0010437 | .0070667 | .0015397 |
| %RSD | 26.03065 | 66.11801 | 9.466189 | 8.158848 | 61.17621 | 7.020102 | .6291173 |
| #1 | -.002504 | -.002027 | .0090781 | .0056888 | .0005085 | .0928101 | .2431437 |
| #2 | -.004126 | -.002938 | .0099631 | .0057421 | .0024216 | .1026716 | .2462155 |
| #3 | -.004111 | -.000536 | .0109708 | .0049454 | .0021883 | .1065089 | .2448682 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000029** | **.0009238** | **20.01590** | **.0003378** | **.0001106** | **.0127437** | **.0436779** |
| Stddev | .000058 | .0000539 | .04191 | .0002406 | .0001622 | .0005480 | .0027939 |
| %RSD | 199.7227 | 5.838347 | .2094039 | 71.22083 | 146.6186 | 4.300089 | 6.396629 |
| #1 | .000037 | .0008681 | 19.98357 | .0003337 | .0001376 | .0128316 | .0423367 |
| #2 | -.000068 | .0009275 | 20.00086 | .0000993 | .0002576 | .0132424 | .0468895 |
| #3 | -.000055 | .0009757 | 20.06325 | .0005804 | -.000063 | .0121571 | .0418075 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1626851** | **3.447717** | **.0019841** | **.0000094** | **319.0670** | **.0016920** | **.1161368** |
| Stddev | .0010609 | .017010 | .0002173 | .0002006 | 4.3378 | .0014226 | .0003270 |
| %RSD | .6521228 | .4933590 | 10.95027 | 2129.730 | 1.359521 | 84.07952 | .2815838 |
| #1 | .1614753 | 3.432879 | .0020906 | -.000117 | 323.8778 | .0003074 | .1163060 |
| #2 | .1631233 | 3.466281 | .0017341 | -.000095 | 317.8692 | .0031497 | .1163445 |
| #3 | .1634567 | 3.443992 | .0021275 | .000241 | 315.4540 | .0016188 | .1157598 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6391989** | **.0259805** | **.0006450** | **-.017102** | **.0020211** | **1.344001** | **.0367897** |
| Stddev | .0206403 | .0001340 | .0002211 | .000588 | .0005803 | .024614 | .0006493 |
| %RSD | 3.229088 | .5157951 | 34.27765 | 3.438360 | 28.71436 | 1.831415 | 1.764818 |
| #1 | .6154599 | .0260904 | .0008932 | -.016599 | .0019389 | 1.350464 | .0362637 |
| #2 | .6529033 | .0260198 | .0005722 | -.017748 | .0026382 | 1.364739 | .0365900 |
| #3 | .6492335 | .0258312 | .0004694 | -.016959 | .0014863 | 1.316800 | .0375153 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02 Acquired: 8/19/2025 16:05:06 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4170369 | -.010514 | .1236665 |
| Stddev | .0053858 | .001184 | .0001477 |
| %RSD | 1.291445 | 11.26410 | .1194537 |
| #1 | .4139628 | -.011539 | .1234964 |
| #2 | .4138921 | -.010785 | .1237628 |
| #3 | .4232557 | -.009218 | .1237402 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6230.337 | 104828.0 | 11790.26 | 4783.525 | 7187.150 |
| Stddev | 11.771 | 270.8 | 140.92 | 11.549 | 19.786 |
| %RSD | .1889292 | .2583397 | 1.195211 | .2414342 | .2753036 |
| #1 | 6217.267 | 104897.3 | 11900.75 | 4795.374 | 7164.461 |
| #2 | 6233.644 | 104529.2 | 11838.46 | 4772.302 | 7196.168 |
| #3 | 6240.101 | 105057.3 | 11631.56 | 4782.900 | 7200.821 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02DUP Acquired: 8/19/2025 16:09:29 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.002938** | **-.002310** | **.0116962** | **.0036178** | **.0027065** | **.1211316** | **.2793393** |
| Stddev | .000823 | .001906 | .0009467 | .0036083 | .0002030 | .0017709 | .0010816 |
| %RSD | 28.01983 | 82.51043 | 8.093800 | 99.73813 | 7.501064 | 1.461939 | .3871884 |
| #1 | -.003887 | -.001954 | .0119623 | .0077272 | .0025153 | .1192478 | .2784648 |
| #2 | -.002416 | -.000607 | .0106449 | .0021583 | .0029196 | .1213844 | .2790043 |
| #3 | -.002512 | -.004369 | .0124813 | .0009678 | .0026847 | .1227624 | .2805487 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0000198** | **.0010348** | **22.50359** | **.0004174** | **.0000994** | **.0140642** | **.0500167** |
| Stddev | .0000563 | .0000150 | .02561 | .0002135 | .0001202 | .0001759 | .0041084 |
| %RSD | 284.2991 | 1.449625 | .1138196 | 51.14638 | 120.9433 | 1.251014 | 8.214046 |
| #1 | .0000842 | .0010388 | 22.51545 | .0003322 | .0002067 | .0142355 | .0528637 |
| #2 | -.000005 | .0010183 | 22.52112 | .0006604 | .0001221 | .0138839 | .0518795 |
| #3 | -.000020 | .0010475 | 22.47419 | .0002597 | -.000031 | .0140732 | .0453069 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1705567** | **3.929339** | **.0023010** | **-.000514** | **360.2471** | **.0011151** | **.1280438** |
| Stddev | .0004640 | .019923 | .0000521 | .000137 | 1.7684 | .0033982 | .0005548 |
| %RSD | .2720319 | .5070356 | 2.263622 | 26.76196 | .4908835 | 304.7541 | .4332646 |
| #1 | .1708284 | 3.949160 | .0022619 | -.000355 | 359.7878 | .0032539 | .1286542 |
| #2 | .1708208 | 3.929540 | .0023601 | -.000587 | 362.1998 | .0028947 | .1275703 |
| #3 | .1700210 | 3.909316 | .0022811 | -.000599 | 358.7536 | -.002803 | .1279069 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6599702** | **.0296918** | **.0008362** | **-.017082** | **.0026682** | **1.508151** | **.0400649** |
| Stddev | .0580840 | .0007269 | .0002076 | .000045 | .0010549 | .028573 | .0016756 |
| %RSD | 8.801005 | 2.448022 | 24.82420 | .2636573 | 39.53556 | 1.894589 | 4.182183 |
| #1 | .6277285 | .0292638 | .0010397 | -.017087 | .0014804 | 1.477614 | .0413606 |
| #2 | .6251586 | .0305311 | .0006248 | -.017035 | .0034958 | 1.512602 | .0406614 |
| #3 | .7270234 | .0292806 | .0008439 | -.017125 | .0030284 | 1.534238 | .0381727 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02DUP Acquired: 8/19/2025 16:09:29 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4665025 | -.011322 | .1381496 |
| Stddev | .0055741 | .001428 | .0001683 |
| %RSD | 1.194876 | 12.61156 | .1217952 |
| #1 | .4712871 | -.012401 | .1380182 |
| #2 | .4603817 | -.011863 | .1383393 |
| #3 | .4678387 | -.009703 | .1380915 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6180.431 | 104180.8 | 11484.87 | 4773.245 | 7096.333 |
| Stddev | 9.215 | 147.4 | 57.51 | 17.972 | 11.281 |
| %RSD | .1490965 | .1414789 | .5007438 | .3765156 | .1589717 |
| #1 | 6175.877 | 104245.9 | 11434.71 | 4754.796 | 7087.855 |
| #2 | 6174.380 | 104284.4 | 11472.27 | 4774.241 | 7092.007 |
| #3 | 6191.036 | 104012.1 | 11547.64 | 4790.699 | 7109.137 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02LX5 Acquired: 8/19/2025 16:13:53 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.002481** | **.0023123** | **.0033787** | **.0010819** | **.0005489** | **.0324040** | **.0540395** |
| Stddev | .001035 | .0014660 | .0005875 | .0016127 | .0007384 | .0047876 | .0004106 |
| %RSD | 41.73041 | 63.39835 | 17.38905 | 149.0679 | 134.5242 | 14.77481 | .7598286 |
| #1 | -.002128 | .0036465 | .0036609 | -.000543 | -.000120 | .0375643 | .0537916 |
| #2 | -.001669 | .0007430 | .0027034 | .002682 | .000426 | .0315414 | .0545135 |
| #3 | -.003647 | .0025474 | .0037720 | .001107 | .001341 | .0281063 | .0538135 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0000872** | **.0002048** | **4.755909** | **-.000116** | **-.000007** | **.0029228** | **.0092155** |
| Stddev | .0000545 | .0000201 | .020520 | .000250 | .000148 | .0003391 | .0059796 |
| %RSD | 62.47594 | 9.810638 | .4314603 | 215.3479 | 2171.350 | 11.60356 | 64.88609 |
| #1 | .0001198 | .0002183 | 4.736322 | -.000398 | -.000064 | .0026248 | .0054480 |
| #2 | .0000243 | .0002143 | 4.754155 | .000080 | .000161 | .0032918 | .0161103 |
| #3 | .0001175 | .0001817 | 4.777249 | -.000030 | -.000118 | .0028517 | .0060884 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0378921** | **.8163955** | **.0004152** | **-.000125** | **69.30674** | **.0004138** | **.0252801** |
| Stddev | .0002660 | .0206502 | .0002646 | .000090 | .84415 | .0015637 | .0005094 |
| %RSD | .7018990 | 2.529442 | 63.72569 | 72.01286 | 1.217996 | 377.8584 | 2.014912 |
| #1 | .0376126 | .7939443 | .0006955 | -.000174 | 69.31167 | .0006935 | .0251311 |
| #2 | .0379217 | .8206647 | .0001698 | -.000021 | 70.14843 | -.001271 | .0248619 |
| #3 | .0381421 | .8345775 | .0003802 | -.000179 | 68.46014 | .001819 | .0258474 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6445096** | **.0038716** | **.0002483** | **-.005137** | **.0000609** | **.2787905** | **.0077964** |
| Stddev | .0347792 | .0002216 | .0000198 | .000425 | .0006186 | .0068443 | .0008500 |
| %RSD | 5.396225 | 5.723692 | 7.967023 | 8.265799 | 1015.599 | 2.455001 | 10.90261 |
| #1 | .6047955 | .0038571 | .0002409 | -.004834 | -.000317 | .2797578 | .0083788 |
| #2 | .6592004 | .0036576 | .0002707 | -.005622 | -.000275 | .2850997 | .0068210 |
| #3 | .6695328 | .0041001 | .0002332 | -.004955 | .000775 | .2715140 | .0081894 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02LX5 Acquired: 8/19/2025 16:13:53 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0903192 | .0125243 | .0292259 |
| Stddev | .0030205 | .0010397 | .0001960 |
| %RSD | 3.344213 | 8.301120 | .6706429 |
| #1 | .0926027 | .0137211 | .0290007 |
| #2 | .0914606 | .0120073 | .0293583 |
| #3 | .0868944 | .0118445 | .0293186 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6440.952 | 109973.3 | 11412.41 | 4959.540 | 7669.670 |
| Stddev | 16.048 | 424.9 | 114.33 | 28.515 | 14.359 |
| %RSD | .2491623 | .3863964 | 1.001791 | .5749457 | .1872233 |
| #1 | 6426.180 | 109558.0 | 11479.91 | 4935.870 | 7654.350 |
| #2 | 6458.027 | 109954.7 | 11476.91 | 4991.196 | 7682.822 |
| #3 | 6438.648 | 110407.3 | 11280.40 | 4951.553 | 7671.838 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02MS Acquired: 8/19/2025 16:18:11 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.8118014** | **2.035748** | **.9298659** | **2.048661** | **.7926928** | **2.046095** | **.4843381** |
| Stddev | .0029375 | .008825 | .0010581 | .007089 | .0024232 | .009904 | .0021285 |
| %RSD | .3618540 | .4334979 | .1137946 | .3460379 | .3056974 | .4840589 | .4394634 |
| #1 | .8147069 | 2.042600 | .9309441 | 2.041421 | .7899128 | 2.036405 | .4865212 |
| #2 | .8088329 | 2.038854 | .9288291 | 2.048972 | .7943582 | 2.045679 | .4842242 |
| #3 | .8118644 | 2.025790 | .9298245 | 2.055589 | .7938074 | 2.056201 | .4822688 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1878541** | **.1964371** | **25.13702** | **.4026308** | **.1964267** | **.3033906** | **3.149679** |
| Stddev | .0007861 | .0002696 | .02783 | .0012221 | .0003007 | .0005909 | .021721 |
| %RSD | .4184708 | .1372576 | .1107201 | .3035366 | .1530756 | .1947572 | .6896356 |
| #1 | .1887521 | .1965506 | 25.16772 | .4034098 | .1967186 | .3029160 | 3.148892 |
| #2 | .1875200 | .1961293 | 25.12989 | .4032603 | .1964434 | .3032034 | 3.171784 |
| #3 | .1872902 | .1966315 | 25.11345 | .4012222 | .1961180 | .3040524 | 3.128362 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.3748394** | **6.130865** | **.4920643** | **.0746393** | **372.2175** | **.2977767** | **.3484160** |
| Stddev | .0020098 | .013789 | .0007551 | .0001993 | 4.0240 | .0046684 | .0025595 |
| %RSD | .5361844 | .2249080 | .1534508 | .2670842 | 1.081086 | 1.567740 | .7345963 |
| #1 | .3764701 | 6.115578 | .4927894 | .0747845 | 372.4741 | .3022528 | .3490237 |
| #2 | .3754540 | 6.134652 | .4921211 | .0744120 | 376.1071 | .2981400 | .3506170 |
| #3 | .3725940 | 6.142364 | .4912824 | .0747213 | 368.0714 | .2929373 | .3456074 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **10.95378** | **.2891769** | **.4176200** | **.6725372** | **.1932893** | **2.500497** | **6.003707** |
| Stddev | .04517 | .0024608 | .0007682 | .0023071 | .0006089 | .021871 | .014641 |
| %RSD | .4123969 | .8509578 | .1839342 | .3430483 | .3150015 | .8746837 | .2438578 |
| #1 | 10.91478 | .2919971 | .4168014 | .6749347 | .1931273 | 2.475438 | 6.019716 |
| #2 | 11.00328 | .2874670 | .4183250 | .6703326 | .1939627 | 2.515747 | 6.000407 |
| #3 | 10.94327 | .2880664 | .4177337 | .6723443 | .1927777 | 2.510305 | 5.990999 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02MS Acquired: 8/19/2025 16:18:11 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4972053 | .1798721 | .3340574 |
| Stddev | .0007970 | .0018914 | .0012788 |
| %RSD | .1602906 | 1.051535 | .3828164 |
| #1 | .4963189 | .1809927 | .3352801 |
| #2 | .4978626 | .1776883 | .3341630 |
| #3 | .4974346 | .1809353 | .3327290 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6246.841 | 104220.3 | 11253.18 | 4772.207 | 7115.410 |
| Stddev | 3.318 | 299.8 | 38.86 | 14.948 | 10.138 |
| %RSD | .0531189 | .2876870 | .3452857 | .3132280 | .1424744 |
| #1 | 6250.392 | 104261.0 | 11210.21 | 4769.471 | 7103.711 |
| #2 | 6246.312 | 103902.3 | 11285.84 | 4758.815 | 7121.615 |
| #3 | 6243.819 | 104497.8 | 11263.49 | 4788.333 | 7120.904 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02MSD Acquired: 8/19/2025 16:22:19 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8266122 | 1.993741 | .9411169 | 2.090400 | .8158120 | 2.044398 | .4645320 |
| Stddev | .0019614 | .045891 | .0008119 | .007697 | .0018928 | .006604 | .0011338 |
| %RSD | .2372846 | 2.301771 | .0862640 | .3681881 | .2320189 | .3230496 | .2440770 |
| #1 | .8245808 | 2.042891 | .9417532 | 2.096533 | .8138837 | 2.037691 | .4639332 |
| #2 | .8284952 | 1.986318 | .9402026 | 2.092903 | .8158851 | 2.044606 | .4638231 |
| #3 | .8267606 | 1.952013 | .9413950 | 2.081763 | .8176672 | 2.050895 | .4658396 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1865557 | .1983347 | 23.52542 | .4064302 | .1985517 | .3069430 | 3.181216 |
| Stddev | .0000931 | .0002692 | .02666 | .0004574 | .0002903 | .0004348 | .006207 |
| %RSD | .0499218 | .1357157 | .1133158 | .1125513 | .1462291 | .1416629 | .1951237 |
| #1 | .1864654 | .1986347 | 23.53407 | .4064662 | .1988790 | .3069794 | 3.185618 |
| #2 | .1866514 | .1981142 | 23.49552 | .4068687 | .1984509 | .3064912 | 3.183914 |
| #3 | .1865504 | .1982551 | 23.54669 | .4059559 | .1983252 | .3073585 | 3.174116 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4011923 | 5.854105 | .4969826 | .0750432 | 343.9540 | .2992359 | .3397268 |
| Stddev | .0004920 | .017184 | .0004698 | .0000922 | 3.0447 | .0033410 | .0012718 |
| %RSD | .1226325 | .2935351 | .0945278 | .1228295 | .8852079 | 1.116519 | .3743638 |
| #1 | .4017450 | 5.869857 | .4975240 | .0749695 | 347.1452 | .3023707 | .3402311 |
| #2 | .4008023 | 5.856679 | .4966829 | .0751466 | 341.0808 | .2957211 | .3382802 |
| #3 | .4010295 | 5.835780 | .4967409 | .0750136 | 343.6361 | .2996159 | .3406691 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.04258 | .2848137 | .4281579 | .6855113 | .1969645 | 2.414390 | 6.017792 |
| Stddev | .02914 | .0018569 | .0010538 | .0017720 | .0005163 | .012989 | .005402 |
| %RSD | .2638661 | .6519596 | .2461259 | .2584934 | .2621171 | .5379660 | .0897753 |
| #1 | 11.02222 | .2845371 | .4292299 | .6875568 | .1963697 | 2.405398 | 6.022117 |
| #2 | 11.07596 | .2831107 | .4281205 | .6845345 | .1972971 | 2.429281 | 6.019524 |
| #3 | 11.02956 | .2867934 | .4271233 | .6844427 | .1972266 | 2.408490 | 6.011737 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02MSD Acquired: 8/19/2025 16:22:19 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4726070 | .1789132 | .3265633 |
| Stddev | .0018855 | .0017877 | .0007371 |
| %RSD | .3989641 | .9991713 | .2257247 |
| #1 | .4745406 | .1791029 | .3267267 |
| #2 | .4707735 | .1770382 | .3257581 |
| #3 | .4725069 | .1805984 | .3272049 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6247.220 | 106260.3 | 11511.30 | 4823.350 | 7146.468 |
| Stddev | 4.896 | 115.2 | 26.43 | 11.261 | 8.240 |
| %RSD | .0783662 | .1083983 | .2295696 | .2334671 | .1153002 |
| #1 | 6247.895 | 106202.6 | 11481.60 | 4825.864 | 7148.288 |
| #2 | 6251.743 | 106392.9 | 11532.22 | 4833.142 | 7153.645 |
| #3 | 6242.022 | 106185.4 | 11520.08 | 4811.045 | 7137.470 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02A Acquired: 8/19/2025 16:26:27 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7987862 | 1.975686 | .9111288 | 2.020400 | .7823267 | 1.982175 | .4343354 |
| Stddev | .0055819 | .034060 | .0040921 | .007589 | .0015041 | .001484 | .0009605 |
| %RSD | .6988014 | 1.723951 | .4491282 | .3756113 | .1922533 | .0748714 | .2211519 |
| #1 | .8011553 | 1.968508 | .9077249 | 2.024669 | .7830816 | 1.982582 | .4351833 |
| #2 | .7924105 | 1.945787 | .9099926 | 2.011638 | .7833038 | 1.983413 | .4332922 |
| #3 | .8027929 | 2.012762 | .9156690 | 2.024892 | .7805947 | 1.980530 | .4345307 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1799056 | .1920375 | 21.56561 | .3945162 | .1923775 | .2967358 | 3.116246 |
| Stddev | .0008802 | .0002211 | .05042 | .0003538 | .0004494 | .0003372 | .015760 |
| %RSD | .4892361 | .1151220 | .2337835 | .0896896 | .2335867 | .1136521 | .5057234 |
| #1 | .1790256 | .1917929 | 21.59310 | .3949173 | .1919747 | .2963464 | 3.134131 |
| #2 | .1807859 | .1920963 | 21.50743 | .3942482 | .1922957 | .2969231 | 3.104394 |
| #3 | .1799052 | .1922232 | 21.59632 | .3943831 | .1928622 | .2969377 | 3.110214 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3487076 | 5.552430 | .4828709 | .0703751 | 319.6746 | .2909115 | .3260680 |
| Stddev | .0001071 | .004989 | .0004426 | .0011885 | 3.6330 | .0020611 | .0004708 |
| %RSD | .0307057 | .0898532 | .0916504 | 1.688819 | 1.136458 | .7084980 | .1444010 |
| #1 | .3485841 | 5.557276 | .4824985 | .0712389 | 319.9468 | .2920784 | .3261648 |
| #2 | .3487740 | 5.552706 | .4827539 | .0708668 | 315.9132 | .2921244 | .3264830 |
| #3 | .3487647 | 5.547309 | .4833601 | .0690197 | 323.1638 | .2885317 | .3255563 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.75211 | .2724255 | .4077861 | .6541461 | .1846097 | 2.312662 | 5.850949 |
| Stddev | .08298 | .0015943 | .0002397 | .0023067 | .0015966 | .007504 | .039613 |
| %RSD | .7717469 | .5852077 | .0587747 | .3526284 | .8648247 | .3244704 | .6770274 |
| #1 | 10.80392 | .2725182 | .4076397 | .6532928 | .1843194 | 2.308859 | 5.824736 |
| #2 | 10.65641 | .2739714 | .4076559 | .6523876 | .1831782 | 2.321306 | 5.831593 |
| #3 | 10.79602 | .2707869 | .4080627 | .6567578 | .1863315 | 2.307822 | 5.896518 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2888-02A Acquired: 8/19/2025 16:26:27 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4260573 | .1742035 | .3099768 |
| Stddev | .0052134 | .0003666 | .0007669 |
| %RSD | 1.223650 | .2104543 | .2474001 |
| #1 | .4201937 | .1740982 | .3101878 |
| #2 | .4278088 | .1739010 | .3091265 |
| #3 | .4301695 | .1746112 | .3106161 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6244.577 | 105677.2 | 11614.97 | 4808.385 | 7160.872 |
| Stddev | 7.242 | 57.1 | 44.73 | 9.534 | 9.202 |
| %RSD | .1159740 | .0540159 | .3850924 | .1982822 | .1285102 |
| #1 | 6251.891 | 105621.8 | 11646.50 | 4797.417 | 7171.497 |
| #2 | 6244.431 | 105735.9 | 11563.78 | 4813.046 | 7155.662 |
| #3 | 6237.409 | 105673.8 | 11634.64 | 4814.692 | 7155.455 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169304BL Acquired: 8/19/2025 16:30:35 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000259** | **.0005755** | **.0003092** | **-.000166** | **-.000700** | **.0111134** |
| Stddev | .000500 | .0009034 | .0000808 | .001346 | .002167 | .0097839 |
| %RSD | 192.8990 | 156.9718 | 26.13766 | 809.6795 | 309.6950 | 88.03665 |
| #1 | -.000821 | .0012392 | .0002843 | .001087 | -.002340 | .0091440 |
| #2 | -.000095 | .0009408 | .0003996 | .000002 | .001757 | .0217322 |
| #3 | .000138 | -.000453 | .0002438 | -.001588 | -.001516 | .0024640 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.005168** | **.0000956** | **.0000148** | **-.010091** | **.0000856** | **.0000887** |
| Stddev | .000754 | .0000292 | .0000162 | .008502 | .0001135 | .0001365 |
| %RSD | 14.59797 | 30.53605 | 109.3229 | 84.25145 | 132.5699 | 153.9182 |
| #1 | -.004331 | .0001260 | .0000068 | -.013848 | -.000036 | -.000065 |
| #2 | -.005379 | .0000678 | .0000335 | -.000358 | .000189 | .000134 |
| #3 | -.005794 | .0000930 | .0000042 | -.016068 | .000103 | .000197 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000026** | **-.000861** | **-.000632** | **-.005006** | **.0001624** | **-.000243** |
| Stddev | .000118 | .002402 | .000415 | .015594 | .0003338 | .000295 |
| %RSD | 457.1029 | 278.8984 | 65.54503 | 311.5381 | 205.4948 | 121.4110 |
| #1 | .000105 | -.003546 | -.001076 | .009377 | -.000168 | -.000419 |
| #2 | -.000057 | -.000121 | -.000256 | -.021580 | .000499 | -.000407 |
| #3 | -.000125 | .001084 | -.000565 | -.002813 | .000156 | .000097 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.8863364** | **-.000052** | **-.001010** | **.8389334** | **-.003009** | **.0000103** |
| Stddev | .0436467 | .001386 | .000150 | .0214563 | .000386 | .0002493 |
| %RSD | 4.924395 | 2656.812 | 14.85463 | 2.557563 | 12.83659 | 2414.412 |
| #1 | .9366028 | .001441 | -.001181 | .8632613 | -.003409 | .0002742 |
| #2 | .8643665 | -.001298 | -.000953 | .8227093 | -.002981 | -.000022 |
| #3 | .8580400 | -.000299 | -.000898 | .8308296 | -.002638 | -.000221 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169304BL Acquired: 8/19/2025 16:30:35 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003727 | .0005227 | -.004022 | .0022049 | -.001889 | F .0174632 |
| Stddev | .000457 | .0012848 | .000275 | .0006718 | .003441 | .0032897 |
| %RSD | 12.25672 | 245.7953 | 6.828618 | 30.46687 | 182.1641 | 18.83774 |
| #1 | -.004140 | .0018950 | -.003954 | .0015742 | -.005774 | .0207576 |
| #2 | -.003805 | -.000651 | -.003788 | .0029113 | -.000669 | .0174534 |
| #3 | -.003236 | .000324 | -.004324 | .0021291 | .000776 | .0141783 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0000369 |
| Stddev | .0000990 |
| %RSD | 267.9501 |
| #1 | -.000062 |
| #2 | .000136 |
| #3 | .000036 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6827.793 | 114441.1 | 11606.23 | 5169.563 | 8668.268 |
| Stddev | 11.123 | 239.6 | 67.78 | 29.005 | 14.005 |
| %RSD | .1629126 | .2093584 | .5839769 | .5610696 | .1615652 |
| #1 | 6822.571 | 114171.6 | 11658.26 | 5151.700 | 8656.077 |
| #2 | 6820.242 | 114521.4 | 11529.58 | 5153.960 | 8665.161 |
| #3 | 6840.567 | 114630.2 | 11630.84 | 5203.030 | 8683.565 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169304BS Acquired: 8/19/2025 16:34:54 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7547713 | 1.978833 | .9051489 | 1.923618 | .7671714 | 1.880099 |
| Stddev | .0098960 | .036843 | .0063809 | .025797 | .0079586 | .013054 |
| %RSD | 1.311120 | 1.861863 | .7049518 | 1.341058 | 1.037393 | .6943262 |
| #1 | .7507470 | 1.994076 | .9001406 | 1.906008 | .7608380 | 1.890020 |
| #2 | .7475215 | 1.936815 | .9029730 | 1.911617 | .7645713 | 1.865310 |
| #3 | .7660454 | 2.005609 | .9123331 | 1.953229 | .7761048 | 1.884966 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1773975 | .1855654 | .1801242 | .9628335 | .3820087 | .1846599 |
| Stddev | .0015616 | .0015468 | .0016473 | .0060149 | .0019829 | .0017961 |
| %RSD | .8803028 | .8335418 | .9145292 | .6247116 | .5190803 | .9726611 |
| #1 | .1779755 | .1861912 | .1791612 | .9683156 | .3842398 | .1835189 |
| #2 | .1756293 | .1838038 | .1791852 | .9563993 | .3813388 | .1837305 |
| #3 | .1785878 | .1867013 | .1820263 | .9637857 | .3804474 | .1867302 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2951606 | 2.884518 | .1884162 | 1.881167 | .4633715 | .0712777 |
| Stddev | .0030683 | .013056 | .0015366 | .023712 | .0039441 | .0003629 |
| %RSD | 1.039530 | .4526335 | .8155421 | 1.260489 | .8511685 | .5091514 |
| #1 | .2932991 | 2.892979 | .1891853 | 1.865002 | .4601808 | .0716419 |
| #2 | .2934807 | 2.891094 | .1866469 | 1.870110 | .4621526 | .0709161 |
| #3 | .2987020 | 2.869481 | .1894164 | 1.908387 | .4677811 | .0712751 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.059909 | .2838039 | .1990547 | 9.370916 | .2687493 | .3841348 |
| Stddev | .008366 | .0046709 | .0005434 | .048375 | .0015819 | .0041338 |
| %RSD | .2733994 | 1.645831 | .2729704 | .5162253 | .5886026 | 1.076124 |
| #1 | 3.064015 | .2890794 | .1992299 | 9.424249 | .2687539 | .3815327 |
| #2 | 3.065428 | .2801943 | .1984454 | 9.358628 | .2671651 | .3819703 |
| #3 | 3.050283 | .2821379 | .1994889 | 9.329869 | .2703288 | .3889014 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: PB169304BS Acquired: 8/19/2025 16:34:54 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6302857** | **.1810440** | **.8556648** | **5.224939** | F **-.001905** | **.1889281** |
| Stddev | .0072079 | .0024536 | .0028681 | .071847 | .002493 | .0018729 |
| %RSD | 1.143594 | 1.355233 | .3351899 | 1.375083 | 130.8544 | .9913402 |
| #1 | .6253774 | .1793764 | .8563455 | 5.170911 | -.001325 | .1903653 |
| #2 | .6269187 | .1798943 | .8581314 | 5.197430 | .000246 | .1868100 |
| #3 | .6385610 | .1838613 | .8525176 | 5.306476 | -.004638 | .1896091 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.1831504** |
| Stddev | .0006694 |
| %RSD | .3654763 |
| #1 | .1833042 |
| #2 | .1824175 |
| #3 | .1837294 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6708.632** | **115325.2** | **11870.56** | **5172.057** | **8286.052** |
| Stddev | 51.754 | 549.1 | 72.47 | 12.879 | 61.949 |
| %RSD | .7714484 | .4761175 | .6105049 | .2490086 | .7476257 |
| #1 | 6745.717 | 114795.8 | 11818.91 | 5157.250 | 8335.826 |
| #2 | 6730.673 | 115287.7 | 11953.40 | 5178.273 | 8305.657 |
| #3 | 6649.507 | 115892.0 | 11839.35 | 5180.650 | 8216.673 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV05 Acquired: 8/19/2025 16:38:54 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.090016** | **5.291319** | **4.913088** | **5.138411** | **5.071662** | **9.764797** | **9.764960** |
| Stddev | .009280 | .056398 | .002856 | .009596 | .011965 | .050551 | .198879 |
| %RSD | .1823181 | 1.065854 | .0581283 | .1867465 | .2359227 | .5176876 | 2.036660 |
| #1 | 5.088005 | 5.286603 | 4.916104 | 5.140075 | 5.071226 | 9.820858 | 9.921786 |
| #2 | 5.081906 | 5.237427 | 4.910425 | 5.128092 | 5.059921 | 9.722684 | 9.831830 |
| #3 | 5.100136 | 5.349926 | 4.912735 | 5.147066 | 5.083839 | 9.750849 | 9.541264 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2388990** | **2.473331** | **24.36941** | **.9947061** | **2.467810** | **1.252915** | **5.101838** |
| Stddev | .0004823 | .004546 | .05779 | .0129842 | .003214 | .001869 | .051185 |
| %RSD | .2018690 | .1838109 | .2371569 | 1.305334 | .1302571 | .1491727 | 1.003256 |
| #1 | .2394074 | 2.476040 | 24.42995 | .9937871 | 2.469320 | 1.254180 | 5.105109 |
| #2 | .2388416 | 2.468083 | 24.36348 | .9822059 | 2.464119 | 1.250768 | 5.049097 |
| #3 | .2384480 | 2.475871 | 24.31481 | 1.008126 | 2.469992 | 1.253795 | 5.151309 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.432803** | **24.38284** | **2.465669** | **1.255391** | **24.87657** | **2.470331** | **2.542815** |
| Stddev | .009716 | .06411 | .003107 | .013516 | .24646 | .005460 | .033252 |
| %RSD | .3993547 | .2629437 | .1260160 | 1.076676 | .9907144 | .2210102 | 1.307698 |
| #1 | 2.441021 | 24.31849 | 2.468252 | 1.251950 | 24.93624 | 2.473302 | 2.540068 |
| #2 | 2.435309 | 24.38331 | 2.462221 | 1.243926 | 24.60575 | 2.464030 | 2.511021 |
| #3 | 2.422080 | 24.44671 | 2.466533 | 1.270295 | 25.08770 | 2.473660 | 2.577355 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **25.01154** | **4.794435** | **5.052709** | **4.979545** | **4.937007** | **5.129385** | **4.965625** |
| Stddev | .25317 | .015899 | .007395 | .007991 | .018949 | .069564 | .004145 |
| %RSD | 1.012193 | .3316116 | .1463631 | .1604684 | .3838191 | 1.356195 | .0834717 |
| #1 | 24.98632 | 4.806027 | 5.054703 | 4.985756 | 4.956415 | 5.117042 | 4.965228 |
| #2 | 24.77192 | 4.800968 | 5.044521 | 4.970530 | 4.936054 | 5.066818 | 4.961693 |
| #3 | 25.27637 | 4.776310 | 5.058903 | 4.982348 | 4.918553 | 5.204295 | 4.969954 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV05 Acquired: 8/19/2025 16:38:54 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **5.042003** | **4.693322** | **4.966061** |
| Stddev | .011794 | .018568 | .080840 |
| %RSD | .2339153 | .3956306 | 1.627844 |
| | | | |
| #1 | 5.033492 | 4.713731 | 4.956385 |
| #2 | 5.037051 | 4.688807 | 5.051303 |
| #3 | 5.055465 | 4.677427 | 4.890494 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6307.037** | **108450.1** | **11425.85** | **4878.429** | **7345.107** |
| Stddev | 6.017 | 1119.0 | 28.49 | 68.643 | 6.988 |
| %RSD | .0954083 | 1.031781 | .2493062 | 1.407081 | .0951448 |
| | | | | | |
| #1 | 6300.312 | 108668.3 | 11409.66 | 4903.056 | 7339.109 |
| #2 | 6308.884 | 109443.9 | 11409.15 | 4931.362 | 7343.432 |
| #3 | 6311.914 | 107238.2 | 11458.74 | 4800.870 | 7352.781 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB05 Acquired: 8/19/2025 16:43:04 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0005386** | **-.005052** | **.0005377** | **-.006911** | **-.003717** | **.0016826** |
| Stddev | .0001504 | .000768 | .0003095 | .000394 | .000377 | .0026849 |
| %RSD | 27.91931 | 15.20197 | 57.57010 | 5.706361 | 10.15139 | 159.5627 |
| #1 | .0006682 | -.005549 | .0001909 | -.007213 | -.004115 | .0046697 |
| #2 | .0005738 | -.005439 | .0006362 | -.006465 | -.003365 | .0009078 |
| #3 | .0003737 | -.004167 | .0007860 | -.007056 | -.003671 | -.000530 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.027225** | **.0002322** | **.0002314** | **-.022028** | **-.000845** | **.0002716** |
| Stddev | .000102 | .0000205 | .0000131 | .002232 | .000023 | .0000386 |
| %RSD | .3755854 | 8.836051 | 5.676369 | 10.13280 | 2.702781 | 14.22838 |
| #1 | -.027314 | .0002085 | .0002446 | -.024530 | -.000825 | .0003135 |
| #2 | -.027247 | .0002428 | .0002184 | -.020241 | -.000869 | .0002374 |
| #3 | -.027113 | .0002452 | .0002312 | -.021312 | -.000840 | .0002638 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000421** | **-.008023** | **-.000550** | **-.004258** | **.0005193** | **-.000058** |
| Stddev | .000057 | .001260 | .000169 | .005182 | .0000697 | .000122 |
| %RSD | 13.41977 | 15.70806 | 30.73445 | 121.6852 | 13.41495 | 210.9846 |
| #1 | -.000376 | -.008694 | -.000402 | .001580 | .0005475 | -.000025 |
| #2 | -.000404 | -.006569 | -.000734 | -.006044 | .0004400 | .000044 |
| #3 | -.000485 | -.008805 | -.000514 | -.008311 | .0005705 | -.000193 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.219617** | **.0012809** | **-.001729** | **-.303622** | **-.002073** | **-.000035** |
| Stddev | .000749 | .0004561 | .000049 | .013353 | .000289 | .000035 |
| %RSD | .3411292 | 35.60844 | 2.844113 | 4.397888 | 13.94406 | 100.2468 |
| #1 | -.219601 | .0008561 | -.001678 | -.311287 | -.001792 | .000005 |
| #2 | -.218877 | .0017629 | -.001776 | -.288203 | -.002057 | -.000053 |
| #3 | -.220375 | .0012237 | -.001735 | -.311375 | -.002369 | -.000059 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB05 Acquired: 8/19/2025 16:43:04 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.018078** | **-.000320** | **-.037900** | **-.004300** | **-.007393** | F **-.010364** |
| Stddev | .000060 | .000183 | .002530 | .000329 | .000330 | .000252 |
| %RSD | .3329662 | 57.22605 | 6.674878 | 7.653340 | 4.467929 | 2.429571 |
| #1 | -.018043 | -.000510 | -.035413 | -.003980 | -.007025 | -.010433 |
| #2 | -.018147 | -.000306 | -.040470 | -.004281 | -.007663 | -.010574 |
| #3 | -.018043 | -.000144 | -.037816 | -.004638 | -.007492 | -.010085 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.0003623** |
| Stddev | .0000909 |
| %RSD | 25.09983 |
| #1 | .0004673 |
| #2 | .0003072 |
| #3 | .0003124 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **28691.78** | **461995.7** | **33528.31** | **22337.57** | **36343.82** |
| Stddev | 63.30 | 914.7 | 597.55 | 191.26 | 61.94 |
| %RSD | .2206231 | .1979995 | 1.782238 | .8562102 | .1704274 |
| #1 | 28739.97 | 462213.2 | 33794.35 | 22503.23 | 36382.92 |
| #2 | 28715.27 | 462782.1 | 32843.94 | 22128.26 | 36376.14 |
| #3 | 28620.09 | 460991.8 | 33946.64 | 22381.21 | 36272.41 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-01 Acquired: 8/19/2025 16:47:31 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1012242** | **-.009789** | **.1205316** | **-.009387** | **.0104139** | **128.3356** |
| Stddev | .0029383 | .002777 | .0017424 | .003334 | .0028140 | .2275 |
| %RSD | 2.902799 | 28.37065 | 1.445596 | 35.52371 | 27.02197 | .1772860 |
| #1 | .1040398 | -.011789 | .1190564 | -.009159 | .0086788 | 128.5739 |
| #2 | .1014561 | -.010960 | .1200843 | -.006172 | .0089023 | 128.1207 |
| #3 | .0981768 | -.006618 | .1224540 | -.012829 | .0136607 | 128.3122 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6926470** | **.0109471** | **.0078111** | F **2574.638** | **.7159533** | **.0699201** |
| Stddev | .0035076 | .0000700 | .0001061 | 12.670 | .0013072 | .0004128 |
| %RSD | .5064007 | .6395842 | 1.358038 | .4921057 | .1825875 | .5903909 |
| #1 | .6932146 | .0109641 | .0078565 | 2582.945 | .7174471 | .0703961 |
| #2 | .6958362 | .0110071 | .0078870 | 2580.914 | .7153941 | .0697042 |
| #3 | .6888903 | .0108702 | .0076899 | 2560.055 | .7150187 | .0696601 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2703129** | **204.0113** | **2.775586** | **497.9962** | **.5486971** | **.0024251** |
| Stddev | .0003186 | .6031 | .007828 | .4864 | .0014582 | .0003040 |
| %RSD | .1178447 | .2956314 | .2820254 | .0976771 | .2657593 | 12.53578 |
| #1 | .2700461 | 203.6828 | 2.780889 | 498.2149 | .5503421 | .0020779 |
| #2 | .2706656 | 203.6438 | 2.779273 | 497.4389 | .5481859 | .0026433 |
| #3 | .2702271 | 204.7074 | 2.766595 | 498.3350 | .5475634 | .0025542 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **3.187138** | **.1893544** | **2.468441** | **6.280411** | **.3782765** | **.1563979** |
| Stddev | .037758 | .0016209 | .007696 | .215192 | .0058709 | .0006827 |
| %RSD | 1.184711 | .8559882 | .3117927 | 3.426392 | 1.552024 | .4365265 |
| #1 | 3.144725 | .1898350 | 2.461074 | 6.033946 | .3747508 | .1563103 |
| #2 | 3.217093 | .1906806 | 2.476429 | 6.376278 | .3750249 | .1571202 |
| #3 | 3.199597 | .1875476 | 2.467819 | 6.431008 | .3850538 | .1557632 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-01 Acquired: 8/19/2025 16:47:31 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0074878 | 5.264469 | 2.430884 | 4.988025 | F 100.4389 | -.236753 |
| Stddev | .0004437 | .007490 | .029134 | .032483 | .2874 | .001643 |
| %RSD | 5.925146 | .1422724 | 1.198502 | .6512135 | .2861648 | .6941066 |
| #1 | .0078113 | 5.260433 | 2.441042 | 5.016742 | 100.4193 | -.238501 |
| #2 | .0076700 | 5.273112 | 2.398030 | 4.994562 | 100.7356 | -.236520 |
| #3 | .0069821 | 5.259863 | 2.453578 | 4.952771 | 100.1617 | -.235239 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 7.327798 |
| Stddev | .023672 |
| %RSD | .3230423 |
| #1 | 7.300910 |
| #2 | 7.336986 |
| #3 | 7.345499 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 5405.242 | 93809.88 | 11740.90 | 4187.636 | 5205.203 |
| Stddev | 4.726 | 161.05 | 63.56 | 12.128 | 1.179 |
| %RSD | .0874327 | .1716731 | .5413773 | .2896144 | .0226592 |
| #1 | 5410.029 | 93700.74 | 11692.77 | 4200.487 | 5204.361 |
| #2 | 5405.117 | 93994.85 | 11716.98 | 4176.391 | 5206.551 |
| #3 | 5400.579 | 93734.06 | 11812.96 | 4186.028 | 5204.697 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02 Acquired: 8/19/2025 16:51:49 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0383412 | .0145744 | .0650250 | -.005469 | .0101379 | 203.6224 |
| Stddev | .0010842 | .0038132 | .0026153 | .003397 | .0034686 | 1.1960 |
| %RSD | 2.827760 | 26.16345 | 4.021962 | 62.11408 | 34.21441 | .5873854 |
| #1 | .0387464 | .0102975 | .0652040 | -.008543 | .0109597 | 204.5443 |
| #2 | .0371127 | .0176191 | .0675461 | -.006041 | .0131219 | 204.0520 |
| #3 | .0391644 | .0158066 | .0623248 | -.001822 | .0063322 | 202.2709 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.868603 | .0165648 | .0040977 | 1522.711 | .3099332 | .0271667 |
| Stddev | .005796 | .0000573 | .0000837 | 18.138 | .0017078 | .0000747 |
| %RSD | .3102024 | .3457523 | 2.042680 | 1.191145 | .5510047 | .2751120 |
| #1 | 1.866331 | .0166094 | .0041707 | 1525.648 | .3118438 | .0270829 |
| #2 | 1.864286 | .0165847 | .0040064 | 1539.202 | .3094003 | .0272265 |
| #3 | 1.875191 | .0165002 | .0041160 | 1503.285 | .3085554 | .0271906 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0623042 | 77.64937 | 5.744906 | 125.3550 | .0954216 | .0046988 |
| Stddev | .0007024 | .25562 | .011084 | .4394 | .0003380 | .0006138 |
| %RSD | 1.127423 | .3291922 | .1929323 | .3505234 | .3542427 | 13.06317 |
| #1 | .0618146 | 77.60689 | 5.733674 | 125.5084 | .0957138 | .0052499 |
| #2 | .0631090 | 77.41766 | 5.755835 | 125.6970 | .0950514 | .0040373 |
| #3 | .0619890 | 77.92357 | 5.745210 | 124.8594 | .0954997 | .0048092 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.211363 | .1420856 | .4356646 | 55.83202 | .1186867 | .0077094 |
| Stddev | .039997 | .0010409 | .0017838 | .29876 | .0019446 | .0002530 |
| %RSD | .6439331 | .7325762 | .4094421 | .5350983 | 1.638389 | 3.281159 |
| #1 | 6.181271 | .1426805 | .4374820 | 55.93123 | .1183018 | .0076730 |
| #2 | 6.196067 | .1408838 | .4355955 | 55.49629 | .1169633 | .0079785 |
| #3 | 6.256751 | .1426927 | .4339164 | 56.06856 | .1207949 | .0074766 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02 Acquired: 8/19/2025 16:51:49 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0031955 | 7.500507 | 7.086374 | 4.194066 | F 25.05650 | -.118488 |
| Stddev | .0007099 | .010768 | .067903 | .025105 | .14798 | .004149 |
| %RSD | 22.21657 | .1435642 | .9582204 | .5985842 | .5905926 | 3.501485 |
| #1 | .0037835 | 7.489796 | 7.164029 | 4.199575 | 25.16207 | -.120805 |
| #2 | .0033962 | 7.500393 | 7.056928 | 4.166664 | 24.88735 | -.120961 |
| #3 | .0024068 | 7.511331 | 7.038164 | 4.215959 | 25.12007 | -.113698 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 5.768435 |
| Stddev | .071182 |
| %RSD | 1.233984 |
| #1 | 5.812197 |
| #2 | 5.806808 |
| #3 | 5.686301 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6484.737 | 109915.0 | 13659.32 | 5009.717 | 5683.811 |
| Stddev | 9.248 | 560.5 | 103.03 | 38.150 | 4.985 |
| %RSD | .1426192 | .5099466 | .7543133 | .7615176 | .0877001 |
| #1 | 6485.267 | 109310.4 | 13597.15 | 4968.301 | 5682.110 |
| #2 | 6493.710 | 110017.1 | 13602.54 | 5017.427 | 5689.423 |
| #3 | 6475.235 | 110417.4 | 13778.25 | 5043.422 | 5679.899 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-03 Acquired: 8/19/2025 16:56:11 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0224812 | .0076764 | .0480023 | -.012158 | .0098998 | 130.6158 |
| Stddev | .0017357 | .0014316 | .0030343 | .003852 | .0018448 | .1995 |
| %RSD | 7.720808 | 18.64929 | 6.321173 | 31.68215 | 18.63452 | .1527076 |
| #1 | .0214659 | .0062714 | .0489290 | -.007739 | .0091411 | 130.7129 |
| #2 | .0244854 | .0091332 | .0504652 | -.014804 | .0120030 | 130.3864 |
| #3 | .0214924 | .0076247 | .0446127 | -.013932 | .0085554 | 130.7480 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.187102 | .0109261 | .0031613 | 2083.952 | .1558365 | .0217948 |
| Stddev | .009835 | .0001176 | .0000776 | 28.577 | .0001904 | .0001886 |
| %RSD | .8284683 | 1.075997 | 2.456080 | 1.371278 | .1221904 | .8652905 |
| #1 | 1.178035 | .0107989 | .0031253 | 2057.180 | .1559569 | .0219878 |
| #2 | 1.185714 | .0109489 | .0031082 | 2080.631 | .1559357 | .0217857 |
| #3 | 1.197557 | .0110307 | .0032504 | 2114.044 | .1556170 | .0216110 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0446013 | 66.62784 | 4.866482 | 768.7032 | .0981724 | .0015289 |
| Stddev | .0006097 | .27854 | .040097 | 1.4541 | .0001903 | .0005571 |
| %RSD | 1.366927 | .4180588 | .8239358 | .1891617 | .1938330 | 36.43648 |
| #1 | .0438986 | 66.60190 | 4.830779 | 768.1596 | .0982101 | .0020189 |
| #2 | .0449901 | 66.36317 | 4.858806 | 767.5993 | .0979661 | .0009230 |
| #3 | .0449150 | 66.91845 | 4.909862 | 770.3508 | .0983410 | .0016447 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.562051 | .2331470 | .9914726 | 11.98900 | .1983155 | .0083949 |
| Stddev | .041539 | .0009760 | .0039444 | .05656 | .0008198 | .0002029 |
| %RSD | .9105340 | .4186185 | .3978362 | .4717347 | .4133787 | 2.416918 |
| #1 | 4.541011 | .2334620 | .9887414 | 12.04527 | .1988187 | .0086230 |
| #2 | 4.535242 | .2339267 | .9959948 | 11.93217 | .1973696 | .0082346 |
| #3 | 4.609900 | .2320524 | .9896816 | 11.98955 | .1987584 | .0083271 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-03 Acquired: 8/19/2025 16:56:11 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0026473 | 4.796777 | 2.908017 | 2.414974 | F 50.71746 | -.231088 |
| Stddev | .0013654 | .018885 | .014203 | .013703 | .20884 | .004811 |
| %RSD | 51.57923 | .3936923 | .4884134 | .5674116 | .4117670 | 2.081743 |
| #1 | .0014158 | 4.781591 | 2.919507 | 2.406421 | 50.58794 | -.226932 |
| #2 | .0041157 | 4.790817 | 2.892138 | 2.407722 | 50.60605 | -.229973 |
| #3 | .0024103 | 4.817922 | 2.912407 | 2.430779 | 50.95838 | -.236358 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 5.086805 |
| Stddev | .015966 |
| %RSD | .3138699 |
| #1 | 5.083782 |
| #2 | 5.104066 |
| #3 | 5.072567 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 5659.276 | 99476.84 | 12449.17 | 4383.358 | 5263.981 |
| Stddev | 5.625 | 226.34 | 40.94 | 8.406 | 6.606 |
| %RSD | .0993916 | .2275336 | .3288822 | .1917721 | .1254945 |
| #1 | 5665.363 | 99238.73 | 12493.91 | 4380.221 | 5271.129 |
| #2 | 5658.197 | 99689.21 | 12440.01 | 4376.972 | 5262.714 |
| #3 | 5654.269 | 99502.57 | 12413.57 | 4392.882 | 5258.101 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-04 Acquired: 8/19/2025 17:00:31 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0286194 | .0117331 | .0498749 | -.001164 | .0138120 | 210.5929 |
| Stddev | .0050113 | .0022407 | .0012720 | .003204 | .0011063 | 1.5712 |
| %RSD | 17.51019 | 19.09701 | 2.550460 | 275.2624 | 8.009829 | .7460679 |
| #1 | .0247080 | .0139574 | .0495897 | -.004216 | .0150751 | 208.8110 |
| #2 | .0268820 | .0117653 | .0512654 | -.001449 | .0133463 | 211.7791 |
| #3 | .0342682 | .0094764 | .0487697 | .002173 | .0130147 | 211.1887 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.844754 | .0177693 | .0041321 | 1920.941 | .2238904 | .0389451 |
| Stddev | .009456 | .0000757 | .0000818 | 6.496 | .0003891 | .0001891 |
| %RSD | .5126142 | .4257962 | 1.980184 | .3381830 | .1737798 | .4855281 |
| #1 | 1.842050 | .0177645 | .0041703 | 1918.631 | .2243083 | .0387632 |
| #2 | 1.836945 | .0178472 | .0041877 | 1928.276 | .2235387 | .0389316 |
| #3 | 1.855268 | .0176961 | .0040381 | 1915.915 | .2238242 | .0391406 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0795946 | 73.66790 | 4.397066 | 341.3578 | .1251062 | .0034013 |
| Stddev | .0003189 | .57097 | .021975 | .5106 | .0002202 | .0005018 |
| %RSD | .4006619 | .7750538 | .4997555 | .1495804 | .1760081 | 14.75442 |
| #1 | .0798982 | 73.51218 | 4.378779 | 340.8323 | .1252215 | .0034460 |
| #2 | .0796232 | 73.19094 | 4.390976 | 341.8521 | .1252448 | .0028787 |
| #3 | .0792624 | 74.30057 | 4.421443 | 341.3889 | .1248523 | .0038794 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.40384 | .2824603 | 1.623738 | 51.76128 | .2490193 | .0092118 |
| Stddev | .11856 | .0016261 | .000955 | .35055 | .0021428 | .0006289 |
| %RSD | .9558072 | .5756956 | .0588020 | .6772413 | .8604988 | 6.827227 |
| #1 | 12.41071 | .2814978 | 1.623520 | 51.81037 | .2488390 | .0089608 |
| #2 | 12.28200 | .2843378 | 1.624783 | 51.38877 | .2469723 | .0099275 |
| #3 | 12.51882 | .2815453 | 1.622911 | 52.08469 | .2512465 | .0087472 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-04 Acquired: 8/19/2025 17:00:31 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000761 | 7.371043 | 8.829261 | 3.643826 | F 64.30700 | -.104078 |
| Stddev | .000924 | .022046 | .058056 | .025605 | .31457 | .001296 |
| %RSD | 121.3137 | .2990862 | .6575358 | .7027046 | .4891626 | 1.245189 |
| #1 | .000166 | 7.361521 | 8.892082 | 3.622596 | 64.03235 | -.103555 |
| #2 | -.000770 | 7.355360 | 8.818111 | 3.636621 | 64.23848 | -.105553 |
| #3 | -.001681 | 7.396250 | 8.777588 | 3.672262 | 64.65019 | -.103124 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 6.913437 |
| Stddev | .072830 |
| %RSD | 1.053453 |
| #1 | 6.839556 |
| #2 | 6.985168 |
| #3 | 6.915587 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6238.784 | 107407.1 | 13504.81 | 4801.031 | 5382.148 |
| Stddev | 7.633 | 59.0 | 49.10 | 6.837 | 7.531 |
| %RSD | .1223398 | .0549587 | .3635524 | .1424101 | .1399302 |
| #1 | 6241.949 | 107339.0 | 13517.62 | 4808.825 | 5385.319 |
| #2 | 6244.326 | 107440.4 | 13450.57 | 4798.223 | 5387.575 |
| #3 | 6230.079 | 107441.9 | 13546.22 | 4796.045 | 5373.550 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-02 Acquired: 8/19/2025 17:04:54 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2112385 | -.041151 | 1.337397 | .0014523 | -.008899 | 192.5292 |
| Stddev | .0022837 | .000761 | .000670 | .0032622 | .002791 | .9669 |
| %RSD | 1.081112 | 1.848376 | .0501037 | 224.6305 | 31.36034 | .5021857 |
| #1 | .2095954 | -.041331 | 1.337066 | -.001139 | -.006574 | 192.8905 |
| #2 | .2102739 | -.041805 | 1.336958 | .000380 | -.011994 | 193.2633 |
| #3 | .2138463 | -.040316 | 1.338169 | .005116 | -.008129 | 191.4337 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9767582 | .0210423 | .0211844 | 35.51529 | .3808184 | .1880739 |
| Stddev | .0101249 | .0002234 | .0002178 | .29853 | .0011443 | .0004254 |
| %RSD | 1.036585 | 1.061665 | 1.028254 | .8405799 | .3004913 | .2262105 |
| #1 | .9689993 | .0209507 | .0212863 | 35.30881 | .3795715 | .1876323 |
| #2 | .9730638 | .0208792 | .0213326 | 35.37947 | .3810631 | .1884811 |
| #3 | .9882115 | .0212969 | .0209343 | 35.85759 | .3818206 | .1881084 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.083302 | 347.9308 | 8.111035 | 92.19329 | .3222231 | .0137959 |
| Stddev | .002728 | 2.4691 | .082855 | .72474 | .0010755 | .0008279 |
| %RSD | .1309650 | .7096516 | 1.021506 | .7861044 | .3337802 | 6.001293 |
| #1 | 2.082024 | 345.1242 | 8.053391 | 91.84344 | .3210351 | .0128685 |
| #2 | 2.081446 | 348.8994 | 8.073730 | 91.70986 | .3225036 | .0140587 |
| #3 | 2.086434 | 349.7687 | 8.205984 | 93.02659 | .3231305 | .0144606 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.800563 | .6941425 | 2.368315 | 36.16389 | .2248612 | .0177152 |
| Stddev | .038571 | .0062070 | .005452 | .22718 | .0047259 | .0001715 |
| %RSD | .4944704 | .8942004 | .2302102 | .6281913 | 2.101718 | .9681031 |
| #1 | 7.756391 | .6915478 | 2.367349 | 35.90531 | .2199129 | .0178269 |
| #2 | 7.827585 | .6896538 | 2.374186 | 36.25493 | .2293279 | .0178010 |
| #3 | 7.817715 | .7012258 | 2.363411 | 36.33142 | .2253429 | .0175177 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-02 Acquired: 8/19/2025 17:04:54 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0272303 | 8.848140 | F 15.04881 | 8.526586 | 2.188519 | .3638358 |
| Stddev | .0003247 | .086948 | .32962 | .026326 | .011601 | .0045077 |
| %RSD | 1.192531 | .9826671 | 2.190363 | .3087461 | .5300979 | 1.238940 |
| #1 | .0268555 | 8.795371 | 14.82218 | 8.511486 | 2.189379 | .3604509 |
| #2 | .0274255 | 8.800555 | 15.42695 | 8.556984 | 2.199667 | .3621038 |
| #3 | .0274101 | 8.948494 | 14.89730 | 8.511288 | 2.176512 | .3689526 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.093685 |
| Stddev | .001655 |
| %RSD | 1.766358 |
| #1 | -.092852 |
| #2 | -.095590 |
| #3 | -.092611 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7863.310 | 135469.1 | 15766.64 | 6015.099 | 6956.994 |
| Stddev | 22.244 | 88.2 | 105.39 | 3.297 | 21.390 |
| %RSD | .2828813 | .0651145 | .6684054 | .0548044 | .3074645 |
| #1 | 7886.712 | 135568.3 | 15765.28 | 6017.468 | 6980.833 |
| #2 | 7860.777 | 135439.2 | 15872.70 | 6016.495 | 6950.671 |
| #3 | 7842.442 | 135399.7 | 15661.94 | 6011.334 | 6939.478 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02DUP Acquired: 8/19/2025 17:09:04 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2155604** | **-.036560** | **1.320792** | **.0052096** | **-.005230** | **193.9640** |
| Stddev | .0025896 | .002049 | .008104 | .0010523 | .000904 | .7517 |
| %RSD | 1.201334 | 5.605749 | .6135529 | 20.19966 | 17.28189 | .3875646 |
| #1 | .2127174 | -.038707 | 1.311461 | .0060188 | -.004422 | 193.7086 |
| #2 | .2161793 | -.034625 | 1.326068 | .0055900 | -.006206 | 193.3732 |
| #3 | .2177844 | -.036348 | 1.324847 | .0040200 | -.005062 | 194.8101 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.9867592** | **.0214075** | **.0210699** | **34.61399** | **.3789475** | **.1745368** |
| Stddev | .0055808 | .0001141 | .0002228 | .10061 | .0016203 | .0008517 |
| %RSD | .5655677 | .5330902 | 1.057312 | .2906564 | .4275901 | .4879499 |
| #1 | .9833420 | .0215355 | .0209645 | 34.54984 | .3796662 | .1736019 |
| #2 | .9931994 | .0213706 | .0209194 | 34.72994 | .3800841 | .1747401 |
| #3 | .9837364 | .0213164 | .0213258 | 34.56218 | .3770921 | .1752684 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **29.08316** | **340.1999** | **6.785333** | **89.51964** | **.3258791** | **.0141866** |
| Stddev | .10552 | 1.2938 | .032312 | .18500 | .0018651 | .0005287 |
| %RSD | .3628202 | .3803082 | .4762080 | .2066537 | .5723384 | 3.727034 |
| #1 | 28.96140 | 340.2790 | 6.762841 | 89.38383 | .3237256 | .0140036 |
| #2 | 29.14800 | 341.4524 | 6.822360 | 89.73034 | .3269266 | .0147825 |
| #3 | 29.14009 | 338.8684 | 6.770799 | 89.44476 | .3269849 | .0137736 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **7.493892** | **.6976686** | **2.752129** | **38.38327** | **.2064215** | **.0167387** |
| Stddev | .050266 | .0039306 | .011937 | .14648 | .0040177 | .0001231 |
| %RSD | .6707582 | .5633972 | .4337262 | .3816268 | 1.946346 | .7352773 |
| #1 | 7.453741 | .6939097 | 2.762722 | 38.35611 | .2110454 | .0166367 |
| #2 | 7.550266 | .7017510 | 2.754470 | 38.54143 | .2044360 | .0168754 |
| #3 | 7.477669 | .6973451 | 2.739195 | 38.25227 | .2037832 | .0167039 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02DUP Acquired: 8/19/2025 17:09:04 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0362758 | 9.387012 | F 13.91281 | 8.924728 | 2.171646 | .3683595 |
| Stddev | .0004026 | .027985 | .29058 | .058750 | .008711 | .0028329 |
| %RSD | 1.109751 | .2981295 | 2.088580 | .6582885 | .4011295 | .7690620 |
| #1 | .0358231 | 9.384068 | 13.57835 | 8.860373 | 2.162153 | .3671181 |
| #2 | .0365934 | 9.416353 | 14.05687 | 8.938320 | 2.173512 | .3716012 |
| #3 | .0364109 | 9.360615 | 14.10322 | 8.975492 | 2.179273 | .3663592 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.094995 |
| Stddev | .000570 |
| %RSD | .6004810 |
| #1 | -.095582 |
| #2 | -.094960 |
| #3 | -.094443 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7877.482 | 137288.0 | 15810.56 | 6084.306 | 6922.828 |
| Stddev | 26.320 | 374.7 | 55.68 | 30.087 | 34.032 |
| %RSD | .3341145 | .2729557 | .3521938 | .4944938 | .4915980 |
| #1 | 7907.396 | 137293.7 | 15852.55 | 6055.777 | 6961.479 |
| #2 | 7867.169 | 136910.4 | 15747.40 | 6081.403 | 6909.649 |
| #3 | 7857.880 | 137659.8 | 15831.74 | 6115.739 | 6897.356 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02LX5 Acquired: 8/19/2025 17:13:13 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0537605 | -.009024 | .3066906 | -.000706 | -.003050 | 54.02770 | .2664275 |
| Stddev | .0006750 | .002288 | .0044378 | .002957 | .002058 | .12348 | .0009148 |
| %RSD | 1.255601 | 25.35614 | 1.447010 | 419.0411 | 67.49867 | .2285585 | .3433458 |
| #1 | .0533138 | -.011511 | .3115016 | .000182 | -.003484 | 54.15151 | .2670622 |
| #2 | .0534306 | -.008555 | .3058130 | .001706 | -.004856 | 54.02704 | .2653789 |
| #3 | .0545370 | -.007007 | .3027571 | -.004005 | -.000809 | 53.90454 | .2668414 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0061384 | .0026901 | 10.14967 | .1069628 | .0410949 | .1021617 | 94.65735 |
| Stddev | .0000973 | .0001013 | .01756 | .0002622 | .0006281 | .0020438 | .27251 |
| %RSD | 1.585485 | 3.765066 | .1730007 | .2451347 | 1.528421 | 2.000517 | .2878932 |
| #1 | .0062482 | .0027822 | 10.16487 | .1067456 | .0417628 | .1040574 | 94.43303 |
| #2 | .0061047 | .0027064 | 10.13045 | .1068887 | .0410057 | .1024310 | 94.96062 |
| #3 | .0060625 | .0025816 | 10.15369 | .1072541 | .0405161 | .0999966 | 94.57839 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.336517 | 26.28531 | .0715580 | .0034063 | 2.215939 | .1967343 | .6538020 |
| Stddev | .008811 | .05857 | .0007737 | .0003364 | .008794 | .0024078 | .0039084 |
| %RSD | .3771068 | .2228344 | 1.081223 | 9.877119 | .3968334 | 1.223873 | .5977988 |
| #1 | 2.341232 | 26.30524 | .0721229 | .0032752 | 2.209901 | .1955377 | .6568593 |
| #2 | 2.326352 | 26.21938 | .0718749 | .0031551 | 2.226028 | .1951593 | .6551482 |
| #3 | 2.341968 | 26.33132 | .0706761 | .0037885 | 2.211889 | .1995060 | .6493984 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.264521 | .0429307 | .0049951 | .0038031 | 2.496227 | 4.845384 | 1.863747 |
| Stddev | .047884 | .0023097 | .0002467 | .0004200 | .008111 | .175526 | .022049 |
| %RSD | .5168524 | 5.380158 | 4.939103 | 11.04399 | .3249231 | 3.622533 | 1.183053 |
| #1 | 9.297310 | .0414968 | .0050222 | .0034458 | 2.505581 | 4.954502 | 1.885676 |
| #2 | 9.286682 | .0455952 | .0052272 | .0036977 | 2.491145 | 4.938740 | 1.863985 |
| #3 | 9.209571 | .0417001 | .0047360 | .0042658 | 2.491956 | 4.642908 | 1.841580 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02LX5 Acquired: 8/19/2025 17:13:13 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4623002 | .0990448 | -.023572 |
| Stddev | .0123971 | .0019324 | .000687 |
| %RSD | 2.681601 | 1.951065 | 2.915858 |
| | | | |
| #1 | .4763880 | .0999714 | -.022846 |
| #2 | .4574555 | .0968235 | -.024213 |
| #3 | .4530571 | .1003394 | -.023658 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6847.010 | 118034.9 | 12846.97 | 5249.416 | 7707.203 |
| Stddev | 18.258 | 397.6 | 25.61 | 10.682 | 3.427 |
| %RSD | .2666512 | .3368441 | .1993250 | .2034863 | .0444651 |
| | | | | | |
| #1 | 6867.435 | 118426.9 | 12842.95 | 5260.971 | 7710.691 |
| #2 | 6841.319 | 117632.0 | 12874.34 | 5239.902 | 7703.840 |
| #3 | 6832.275 | 118045.9 | 12823.60 | 5247.374 | 7707.078 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02MS Acquired: 8/19/2025 17:17:18 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.8569896** | **1.969919** | **2.414557** | **1.599188** | **.2350683** | **221.3138** |
| Stddev | .0028705 | .061440 | .001554 | .003564 | .0027130 | 2.6743 |
| %RSD | .3349534 | 3.118929 | .0643604 | .2228682 | 1.154141 | 1.208374 |
| #1 | .8601983 | 1.919743 | 2.414915 | 1.595998 | .2322772 | 219.9605 |
| #2 | .8546655 | 2.038443 | 2.412855 | 1.603035 | .2352320 | 219.5866 |
| #3 | .8561051 | 1.951571 | 2.415901 | 1.598530 | .2376958 | 224.3942 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.270984** | **.1666172** | **.2233918** | **39.94420** | **.7212616** | **.3971549** |
| Stddev | .007108 | .0010221 | .0001076 | .10546 | .0026187 | .0005879 |
| %RSD | .5592389 | .6134132 | .0481728 | .2640121 | .3630770 | .1480203 |
| #1 | 1.278078 | .1658362 | .2234021 | 39.94200 | .7185179 | .3977962 |
| #2 | 1.263862 | .1662414 | .2232794 | 39.83987 | .7237343 | .3970270 |
| #3 | 1.271012 | .1677739 | .2234939 | 40.05075 | .7215325 | .3966415 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6127887** | **349.7140** | **8.259316** | **106.7773** | **.8505157** | **.0761960** |
| Stddev | .0012402 | .8747 | .032475 | .3555 | .0002721 | .0009327 |
| %RSD | .2023858 | .2501326 | .3931982 | .3329093 | .0319886 | 1.224095 |
| #1 | .6114744 | 350.6684 | 8.283017 | 106.4891 | .8503196 | .0772432 |
| #2 | .6129533 | 349.5233 | 8.222299 | 106.6683 | .8508263 | .0758901 |
| #3 | .6139383 | 348.9504 | 8.272632 | 107.1745 | .8504012 | .0754546 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **11.26776** | **.9706888** | **2.612455** | **56.15201** | **.3911546** | **.3367528** |
| Stddev | .04316 | .0027520 | .009618 | .19665 | .0020248 | .0003558 |
| %RSD | .3830438 | .2835059 | .3681425 | .3502034 | .5176424 | .1056470 |
| #1 | 11.31720 | .9738488 | 2.613566 | 56.29317 | .3930641 | .3363831 |
| #2 | 11.23761 | .9693985 | 2.621470 | 56.23546 | .3913681 | .3367825 |
| #3 | 11.24848 | .9688190 | 2.602331 | 55.92740 | .3890315 | .3370928 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02MS Acquired: 8/19/2025 17:17:18 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7002175 | F 11.01832 | F 16.89528 | F 15.43912 | 2.200216 | .6034516 |
| Stddev | .0015235 | .03902 | .16824 | .06254 | .008344 | .0013986 |
| %RSD | .2175799 | .3541712 | .9957651 | .4050901 | .3792284 | .2317615 |
| #1 | .6991462 | 11.04447 | 17.03717 | 15.46006 | 2.193856 | .6043872 |
| #2 | .7019616 | 10.97346 | 16.93925 | 15.48851 | 2.209663 | .6018438 |
| #3 | .6995446 | 11.03703 | 16.70943 | 15.36880 | 2.197128 | .6041237 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0838724 |
| Stddev | .0017526 |
| %RSD | 2.089583 |
| #1 | .0854840 |
| #2 | .0820066 |
| #3 | .0841266 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7898.498 | 137560.9 | 15700.89 | 6065.779 | 6853.827 |
| Stddev | 14.528 | 489.2 | 54.59 | 36.806 | 9.805 |
| %RSD | .1839371 | .3556351 | .3476774 | .6067763 | .1430599 |
| #1 | 7902.622 | 137935.7 | 15757.39 | 6061.832 | 6851.116 |
| #2 | 7910.519 | 137007.4 | 15696.85 | 6031.105 | 6864.702 |
| #3 | 7882.354 | 137739.4 | 15648.44 | 6104.399 | 6845.662 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02MSD Acquired: 8/19/2025 17:21:20 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8583546 | 2.038796 | 2.434136 | 1.573515 | .2233865 | 220.8806 |
| Stddev | .0003752 | .066696 | .008069 | .003635 | .0014545 | .9571 |
| %RSD | .0437110 | 3.271317 | .3315004 | .2309801 | .6511036 | .4333020 |
| #1 | .8587769 | 2.021388 | 2.439819 | 1.570611 | .2247716 | 221.1584 |
| #2 | .8582275 | 1.982532 | 2.424900 | 1.572344 | .2235165 | 221.6680 |
| #3 | .8580595 | 2.112470 | 2.437688 | 1.577591 | .2218714 | 219.8153 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.267039 | .1631238 | .2237805 | 39.79435 | .7177896 | .4032919 |
| Stddev | .005360 | .0003773 | .0004540 | .07585 | .0013437 | .0009327 |
| %RSD | .4230730 | .2312871 | .2028694 | .1905924 | .1871964 | .2312765 |
| #1 | 1.268442 | .1629758 | .2239480 | 39.77346 | .7170883 | .4042186 |
| #2 | 1.271558 | .1635527 | .2232666 | 39.87845 | .7169418 | .4023533 |
| #3 | 1.261116 | .1628430 | .2241269 | 39.73114 | .7193389 | .4033038 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6049349 | 357.4764 | 8.255028 | 100.0853 | .8744608 | .0759450 |
| Stddev | .0012513 | .0766 | .015090 | .1885 | .0024700 | .0003687 |
| %RSD | .2068490 | .0214172 | .1827920 | .1883368 | .2824571 | .4855537 |
| #1 | .6052055 | 357.4316 | 8.243308 | 99.8677 | .8765660 | .0758074 |
| #2 | .6035704 | 357.4327 | 8.272054 | 100.1979 | .8717418 | .0763627 |
| #3 | .6060287 | 357.5648 | 8.249724 | 100.1902 | .8750747 | .0756648 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.03974 | .9552790 | 2.661826 | 51.22818 | .4037407 | .3359081 |
| Stddev | .06067 | .0018802 | .007231 | .14549 | .0013046 | .0005395 |
| %RSD | .5495816 | .1968242 | .2716531 | .2840046 | .3231155 | .1605988 |
| #1 | 11.10970 | .9558587 | 2.663149 | 51.38319 | .4050029 | .3362878 |
| #2 | 11.00791 | .9568012 | 2.668304 | 51.20677 | .4023976 | .3352906 |
| #3 | 11.00160 | .9531772 | 2.654025 | 51.09459 | .4038216 | .3361458 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02MSD Acquired: 8/19/2025 17:21:20 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6950586 | F 10.26203 | F 16.44574 | F 15.65573 | 2.340294 | .5752964 |
| Stddev | .0019550 | .01965 | .35476 | .07419 | .011921 | .0012189 |
| %RSD | .2812753 | .1914570 | 2.157163 | .4738982 | .5093740 | .2118682 |
| #1 | .6942030 | 10.25799 | 16.85506 | 15.67924 | 2.338847 | .5763066 |
| #2 | .6936772 | 10.28339 | 16.22707 | 15.57263 | 2.329163 | .5756400 |
| #3 | .6972956 | 10.24472 | 16.25507 | 15.71532 | 2.352873 | .5739426 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0736198 |
| Stddev | .0016460 |
| %RSD | 2.235863 |
| #1 | .0746680 |
| #2 | .0744688 |
| #3 | .0717226 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 8021.097 | 137418.9 | 15941.80 | 6121.762 | 6879.016 |
| Stddev | 4.495 | 117.9 | 50.47 | 31.150 | 13.736 |
| %RSD | .0560413 | .0857864 | .3166025 | .5088448 | .1996863 |
| #1 | 8016.283 | 137289.6 | 15955.30 | 6100.202 | 6863.171 |
| #2 | 8021.823 | 137446.8 | 15885.95 | 6107.608 | 6887.577 |
| #3 | 8025.185 | 137520.3 | 15984.15 | 6157.476 | 6886.299 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02A Acquired: 8/19/2025 17:25:22 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.8091466** | **1.863853** | **2.169047** | **1.489208** | **.5997279** | **193.0065** |
| Stddev | .0012577 | .063441 | .004657 | .003031 | .0041615 | 1.6763 |
| %RSD | .1554306 | 3.403738 | .2146953 | .2035624 | .6938935 | .8685431 |
| #1 | .8101881 | 1.911568 | 2.163704 | 1.490938 | .5950532 | 194.4453 |
| #2 | .8095022 | 1.888132 | 2.171194 | 1.490978 | .6011017 | 191.1657 |
| #3 | .8077494 | 1.791859 | 2.172243 | 1.485708 | .6030288 | 193.4083 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.133563** | **.1536995** | **.2035853** | **35.10048** | **.6627201** | **.3615382** |
| Stddev | .005882 | .0004841 | .0002768 | .03882 | .0027068 | .0011369 |
| %RSD | .5189258 | .3149710 | .1359850 | .1105840 | .4084318 | .3144500 |
| #1 | 1.139855 | .1540359 | .2032657 | 35.14506 | .6627715 | .3604350 |
| #2 | 1.128202 | .1539180 | .2037517 | 35.08222 | .6654008 | .3614738 |
| #3 | 1.132632 | .1531447 | .2037384 | 35.07417 | .6599880 | .3627060 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **21.80529** | **342.7854** | **7.227561** | **90.74309** | **.7822394** | **.0725103** |
| Stddev | .01767 | .7677 | .027618 | .12421 | .0025159 | .0001953 |
| %RSD | .0810537 | .2239684 | .3821199 | .1368778 | .3216311 | .2692701 |
| #1 | 21.78684 | 342.9174 | 7.258826 | 90.78916 | .7813082 | .0722865 |
| #2 | 21.80697 | 343.4785 | 7.206484 | 90.83769 | .7803218 | .0726454 |
| #3 | 21.82207 | 341.9602 | 7.217375 | 90.60243 | .7850881 | .0725991 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **10.11579** | **.9049765** | **2.764132** | **45.85658** | **.4035074** | **.3200504** |
| Stddev | .04538 | .0042457 | .007261 | .13117 | .0020783 | .0001849 |
| %RSD | .4485619 | .4691518 | .2626835 | .2860475 | .5150670 | .0577762 |
| #1 | 10.16640 | .9078777 | 2.759209 | 45.98854 | .4057051 | .3202471 |
| #2 | 10.10222 | .9069485 | 2.772471 | 45.85498 | .4015737 | .3200239 |
| #3 | 10.07875 | .9001034 | 2.760717 | 45.72621 | .4032435 | .3198801 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2891-02A  Acquired: 8/19/2025 17:25:22  Type: Unk
Method: 6010-200.7 NEW(v115)  Mode: CONC  Corr. Factor: 1.000000
User: Jaswal  Custom ID1:  Custom ID2:  Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6757361 | 9.378983 | F 17.81408 | F 14.00970 | 2.089656 | .5132959 |
| Stddev | .0000565 | .030569 | .48763 | .07305 | .012072 | .0008351 |
| %RSD | .0083533 | .3259313 | 2.737333 | .5214335 | .5776814 | .1627006 |
| #1 | .6757979 | 9.403095 | 18.09281 | 14.06504 | 2.098860 | .5129750 |
| #2 | .6757229 | 9.344602 | 18.09841 | 14.03715 | 2.094119 | .5126689 |
| #3 | .6756873 | 9.389253 | 17.25103 | 13.92690 | 2.075988 | .5142439 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0502857 |
| Stddev | .0024683 |
| %RSD | 4.908658 |
| #1 | .0521960 |
| #2 | .0474987 |
| #3 | .0511624 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7922.005 | 135584.9 | 15657.10 | 6074.535 | 6981.297 |
| Stddev | 11.065 | 464.0 | 32.03 | 7.068 | 14.222 |
| %RSD | .1396706 | .3422418 | .2045422 | .1163587 | .2037217 |
| #1 | 7924.366 | 135618.3 | 15622.38 | 6068.155 | 6983.756 |
| #2 | 7931.699 | 135105.0 | 15663.43 | 6073.318 | 6994.129 |
| #3 | 7909.951 | 136031.3 | 15685.49 | 6082.133 | 6966.005 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV06 Acquired: 8/19/2025 17:29:25 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.072781** | **5.204098** | **4.879706** | **5.145327** | **5.116012** | **9.806902** | **9.993319** |
| Stddev | .012155 | .030464 | .004149 | .016269 | .011682 | .010570 | .090172 |
| %RSD | .2396208 | .5853911 | .0850177 | .3161935 | .2283355 | .1077772 | .9023209 |
| #1 | 5.060390 | 5.179635 | 4.878465 | 5.126617 | 5.109399 | 9.800050 | 10.05164 |
| #2 | 5.073268 | 5.194438 | 4.876320 | 5.153227 | 5.109138 | 9.801582 | 10.03886 |
| #3 | 5.084686 | 5.238221 | 4.884334 | 5.156138 | 5.129500 | 9.819075 | 9.88946 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2350740** | **2.460857** | **24.37490** | **.9939547** | **2.467022** | **1.254807** | **5.291094** |
| Stddev | .0012734 | .002176 | .06622 | .0028618 | .002906 | .001286 | .020288 |
| %RSD | .5416910 | .0884084 | .2716580 | .2879210 | .1177917 | .1024529 | .3834350 |
| #1 | .2336264 | 2.459153 | 24.31698 | .9952222 | 2.465679 | 1.254342 | 5.304132 |
| #2 | .2355747 | 2.460112 | 24.36064 | .9906780 | 2.465032 | 1.253818 | 5.301431 |
| #3 | .2360209 | 2.463308 | 24.44709 | .9959639 | 2.470357 | 1.256260 | 5.267720 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.456472** | **24.26026** | **2.463727** | **1.257186** | **25.31468** | **2.493093** | **2.537832** |
| Stddev | .005861 | .05354 | .003321 | .002321 | .03826 | .007771 | .004741 |
| %RSD | .2386095 | .2206924 | .1348101 | .1846579 | .1511419 | .3117004 | .1868225 |
| #1 | 2.449743 | 24.24818 | 2.462101 | 1.259822 | 25.35748 | 2.486264 | 2.536961 |
| #2 | 2.460467 | 24.21379 | 2.461531 | 1.255445 | 25.28378 | 2.491467 | 2.533586 |
| #3 | 2.459205 | 24.31881 | 2.467548 | 1.256291 | 25.30278 | 2.501548 | 2.542948 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **25.43144** | **4.718949** | **5.076015** | **4.922705** | **4.995955** | **5.227205** | **4.898471** |
| Stddev | .01870 | .024014 | .005673 | .009024 | .008824 | .020293 | .026216 |
| %RSD | .0735189 | .5088783 | .1117607 | .1833206 | .1766290 | .3882253 | .5351955 |
| #1 | 25.43085 | 4.691616 | 5.069671 | 4.913808 | 4.985774 | 5.217540 | 4.868388 |
| #2 | 25.41305 | 4.736660 | 5.077772 | 4.922455 | 5.001406 | 5.213551 | 4.910584 |
| #3 | 25.45043 | 4.728570 | 5.080602 | 4.931852 | 5.000685 | 5.250525 | 4.916440 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV06 Acquired: 8/19/2025 17:29:25 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **5.000090** | **4.679515** | **5.062737** |
| Stddev | .025533 | .016331 | .044272 |
| %RSD | .5106447 | .3489836 | .8744672 |
| | | | |
| #1 | 4.974178 | 4.660782 | 5.013650 |
| #2 | 5.000868 | 4.690752 | 5.099645 |
| #3 | 5.025226 | 4.687010 | 5.074916 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6427.762** | **109503.0** | **11753.39** | **4943.119** | **7504.980** |
| Stddev | 10.591 | 269.7 | 41.81 | 31.082 | 17.838 |
| %RSD | .1647752 | .2463169 | .3557267 | .6287929 | .2376839 |
| | | | | | |
| #1 | 6429.215 | 109313.5 | 11798.66 | 4926.892 | 7511.446 |
| #2 | 6437.551 | 109811.8 | 11745.26 | 4978.956 | 7518.684 |
| #3 | 6416.519 | 109383.8 | 11716.24 | 4923.508 | 7484.811 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB06 Acquired: 8/19/2025 17:33:36 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0001362** | **-.000469** | **.0003272** | **-.000426** | **.0009819** | **.0167458** | **-.005198** |
| Stddev | .0004858 | .001006 | .0014521 | .001337 | .0003831 | .0057332 | .000527 |
| %RSD | 356.6268 | 214.3212 | 443.8157 | 313.5716 | 39.01282 | 34.23654 | 10.14004 |
| #1 | .0006345 | .000392 | -.001344 | .001058 | .0009140 | .0124221 | -.005742 |
| #2 | .0001101 | -.000225 | .001041 | -.000800 | .0013943 | .0145662 | -.005161 |
| #3 | -.000336 | -.001575 | .001284 | -.001537 | .0006373 | .0232492 | -.004690 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0000884** | **.0001323** | **.0021745** | **-.000087** | **.0002329** | **.0001919** | **.0063177** |
| Stddev | .0000283 | .0000537 | .0069626 | .000262 | .0000781 | .0002156 | .0004911 |
| %RSD | 32.03636 | 40.60479 | 320.2030 | 302.4162 | 33.51503 | 112.3723 | 7.773532 |
| #1 | .0000724 | .0001909 | -.005449 | -.000356 | .0002548 | .0000148 | .0057541 |
| #2 | .0000717 | .0001210 | .003775 | .000168 | .0002976 | .0004320 | .0066536 |
| #3 | .0001211 | .0000852 | .008198 | -.000072 | .0001462 | .0001288 | .0065454 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0000816** | **.0099117** | **.0000804** | **-.000340** | **.1751816** | **.0022335** | **-.000453** |
| Stddev | .0000931 | .0128389 | .0001884 | .000245 | .0230571 | .0008963 | .000228 |
| %RSD | 114.0346 | 129.5331 | 234.2411 | 71.99004 | 13.16186 | 40.12805 | 50.33078 |
| #1 | .0001888 | .0246384 | -.000133 | -.000380 | .1485589 | .0026057 | -.000317 |
| #2 | .0000221 | .0010719 | .000153 | -.000078 | .1882593 | .0012111 | -.000326 |
| #3 | .0000339 | .0040247 | .000222 | -.000563 | .1887266 | .0028836 | -.000717 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1300601** | **.0002434** | **.0005871** | **-.002275** | **.0003725** | **.0030916** | **.0028819** |
| Stddev | .0483491 | .0003719 | .0001373 | .000300 | .0013122 | .0071304 | .0008029 |
| %RSD | 37.17444 | 152.7747 | 23.38937 | 13.20498 | 352.2210 | 230.6386 | 27.85979 |
| #1 | .0763293 | .0005903 | .0007343 | -.002053 | .0010891 | -.000222 | .0029868 |
| #2 | .1700551 | -.000149 | .0005646 | -.002155 | -.001142 | .011276 | .0036271 |
| #3 | .1437958 | .000289 | .0004624 | -.002617 | .001170 | -.001779 | .0020317 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB06 Acquired: 8/19/2025 17:33:36 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0027130 | -.000775 | .0004304 |
| Stddev | .0002965 | .001546 | .0000510 |
| %RSD | 10.92936 | 199.3882 | 11.84006 |
| #1 | .0027348 | -.002494 | .0004890 |
| #2 | .0024062 | .000501 | .0004052 |
| #3 | .0029980 | -.000332 | .0003969 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6681.464 | 111163.1 | 11786.87 | 5070.920 | 8514.726 |
| Stddev | 3.917 | 79.4 | 15.64 | 5.216 | 7.035 |
| %RSD | .0586178 | .0714543 | .1327008 | .1028521 | .0826263 |
| #1 | 6685.437 | 111119.4 | 11804.81 | 5065.240 | 8512.318 |
| #2 | 6681.348 | 111254.7 | 11776.09 | 5072.025 | 8522.649 |
| #3 | 6677.606 | 111115.1 | 11779.71 | 5075.494 | 8509.210 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-04 Acquired: 8/19/2025 17:37:54 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2089829 | -.044231 | 1.295864 | .0071103 | -.009901 | 263.2043 |
| Stddev | .0026302 | .002866 | .001754 | .0043945 | .004020 | 3.0381 |
| %RSD | 1.258587 | 6.479472 | .1353458 | 61.80475 | 40.60220 | 1.154263 |
| #1 | .2063685 | -.045752 | 1.296804 | .0110698 | -.013455 | 265.0015 |
| #2 | .2089516 | -.046016 | 1.293840 | .0078790 | -.010711 | 259.6966 |
| #3 | .2116287 | -.040925 | 1.296947 | .0023822 | -.005538 | 264.9147 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.036508 | .0244379 | .0182902 | 30.21808 | .4409916 | .2099633 |
| Stddev | .002890 | .0000750 | .0002268 | .05767 | .0013620 | .0004981 |
| %RSD | .2788358 | .3069950 | 1.239873 | .1908503 | .3088577 | .2372302 |
| #1 | 1.038259 | .0243700 | .0180935 | 30.26773 | .4396420 | .2098768 |
| #2 | 1.038093 | .0244252 | .0185382 | 30.15482 | .4409669 | .2095142 |
| #3 | 1.033172 | .0245184 | .0182389 | 30.23168 | .4423658 | .2104990 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3597702 | 397.5947 | 8.593592 | 124.1989 | .3577294 | .0168529 |
| Stddev | .0028346 | 1.9069 | .010052 | .2898 | .0010189 | .0009858 |
| %RSD | .7878939 | .4796047 | .1169718 | .2333312 | .2848107 | 5.849487 |
| #1 | .3566620 | 398.7417 | 8.588893 | 124.2095 | .3588514 | .0177697 |
| #2 | .3622128 | 395.3935 | 8.586750 | 123.9039 | .3568619 | .0169788 |
| #3 | .3604359 | 398.6491 | 8.605133 | 124.4832 | .3574750 | .0158102 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.678053 | .8804365 | 2.313858 | 42.68355 | .2523072 | .0162156 |
| Stddev | .018900 | .0029043 | .003321 | .05819 | .0059859 | .0001597 |
| %RSD | .2177865 | .3298706 | .1435105 | .1363394 | 2.372452 | .9847799 |
| #1 | 8.689918 | .8789626 | 2.312439 | 42.66393 | .2575144 | .0160493 |
| #2 | 8.656258 | .8785646 | 2.317652 | 42.74903 | .2457673 | .0163677 |
| #3 | 8.687984 | .8837822 | 2.311482 | 42.63771 | .2536400 | .0162299 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-04 Acquired: 8/19/2025 17:37:54 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0346651 | F 10.82230 | F 19.49206 | F 10.30581 | 2.011973 | .4823416 |
| Stddev | .0011884 | .00816 | .34823 | .02576 | .016056 | .0004126 |
| %RSD | 3.428274 | .0754426 | 1.786527 | .2499859 | .7980430 | .0855418 |
| #1 | .0360023 | 10.82506 | 19.88125 | 10.28904 | 2.025519 | .4828130 |
| #2 | .0337295 | 10.81312 | 19.20992 | 10.33547 | 2.016162 | .4820462 |
| #3 | .0342635 | 10.82873 | 19.38501 | 10.29291 | 1.994237 | .4821656 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.167663 |
| Stddev | .001764 |
| %RSD | 1.052003 |
| #1 | -.168395 |
| #2 | -.165651 |
| #3 | -.168943 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7377.340 | 127556.3 | 14874.76 | 5709.070 | 6856.465 |
| Stddev | 14.642 | 356.1 | 55.32 | 26.700 | 12.355 |
| %RSD | .1984789 | .2792024 | .3719285 | .4676848 | .1801900 |
| #1 | 7393.044 | 127599.2 | 14890.55 | 5691.251 | 6859.205 |
| #2 | 7374.915 | 127889.1 | 14920.47 | 5739.768 | 6867.220 |
| #3 | 7364.062 | 127180.7 | 14813.25 | 5696.189 | 6842.971 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-06 Acquired: 8/19/2025 17:42:05 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2196099** | **-.040085** | **.8871921** | **.0010486** | **-.010643** | **224.8089** |
| Stddev | .0008671 | .004861 | .0015316 | .0027320 | .003672 | .6178 |
| %RSD | .3948417 | 12.12686 | .1726338 | 260.5329 | 34.50413 | .2747909 |
| #1 | .2206082 | -.038448 | .8855052 | -.001159 | -.011747 | 225.1716 |
| #2 | .2191776 | -.036254 | .8884956 | .000201 | -.013637 | 225.1596 |
| #3 | .2190439 | -.045554 | .8875755 | .004104 | -.006545 | 224.0957 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.8507229** | **.0218362** | **.0203845** | **28.08375** | **.3745315** | **.2037655** |
| Stddev | .0063296 | .0000588 | .0001181 | .06116 | .0001529 | .0001923 |
| %RSD | .7440302 | .2693538 | .5793416 | .2177826 | .0408265 | .0943769 |
| #1 | .8474758 | .0219041 | .0204631 | 28.08159 | .3743824 | .2038078 |
| #2 | .8466759 | .0218028 | .0204418 | 28.02370 | .3746880 | .2039332 |
| #3 | .8580172 | .0218017 | .0202487 | 28.14596 | .3745241 | .2035556 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.3648295** | **351.1671** | **7.760680** | **102.0993** | **.3318564** | **.0131256** |
| Stddev | .0003471 | 2.3210 | .050827 | .1395 | .0008332 | .0009572 |
| %RSD | .0951475 | .6609466 | .6549285 | .1366014 | .2510802 | 7.292640 |
| #1 | .3647918 | 350.2166 | 7.728949 | 102.1721 | .3314916 | .0127109 |
| #2 | .3651939 | 349.4721 | 7.733787 | 101.9385 | .3328099 | .0124456 |
| #3 | .3645027 | 353.8125 | 7.819304 | 102.1873 | .3312679 | .0142202 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **10.83836** | **.7239350** | **2.246399** | **39.55611** | **.2007143** | **.0166973** |
| Stddev | .11786 | .0040120 | .008042 | .31216 | .0086191 | .0001654 |
| %RSD | 1.087437 | .5541867 | .3579958 | .7891619 | 4.294219 | .9908136 |
| #1 | 10.79097 | .7223968 | 2.237125 | 39.43632 | .2027730 | .0167083 |
| #2 | 10.75157 | .7209197 | 2.251438 | 39.32157 | .1912523 | .0165267 |
| #3 | 10.97254 | .7284884 | 2.250635 | 39.91042 | .2081177 | .0168570 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-06 Acquired: 8/19/2025 17:42:05 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0163407 | 9.786721 | F 14.57139 | 8.484730 | 1.087432 | .4079277 |
| Stddev | .0003248 | .059419 | .08603 | .007407 | .003690 | .0023952 |
| %RSD | 1.987668 | .6071372 | .5904032 | .0872941 | .3392930 | .5871633 |
| #1 | .0159812 | 9.777793 | 14.56304 | 8.492066 | 1.085072 | .4061048 |
| #2 | .0164280 | 9.732271 | 14.48984 | 8.484869 | 1.091684 | .4070378 |
| #3 | .0166130 | 9.850098 | 14.66129 | 8.477254 | 1.085540 | .4106404 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.155088 |
| Stddev | .000846 |
| %RSD | .5452292 |
| #1 | -.155127 |
| #2 | -.154224 |
| #3 | -.155914 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7961.658 | 137670.4 | 15803.93 | 6107.453 | 6840.947 |
| Stddev | 9.764 | 49.6 | 26.10 | 48.407 | 10.976 |
| %RSD | .1226371 | .0360005 | .1651375 | .7925902 | .1604462 |
| #1 | 7950.526 | 137670.9 | 15806.10 | 6155.729 | 6828.465 |
| #2 | 7965.679 | 137719.7 | 15776.81 | 6107.715 | 6845.284 |
| #3 | 7968.770 | 137620.6 | 15828.88 | 6058.915 | 6849.091 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-08 Acquired: 8/19/2025 17:46:14 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2100653** | **-.037177** | **.8442424** | **.0007916** | **-.008056** | **231.6374** |
| Stddev | .0024386 | .004176 | .0028153 | .0026087 | .001461 | 2.3122 |
| %RSD | 1.160877 | 11.23336 | .3334768 | 329.5625 | 18.14144 | .9981831 |
| #1 | .2106976 | -.041056 | .8421685 | .0023499 | -.007107 | 233.7678 |
| #2 | .2073728 | -.032757 | .8431112 | -.002220 | -.009739 | 231.9658 |
| #3 | .2121255 | -.037718 | .8474474 | .002245 | -.007322 | 229.1786 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.8897973** | **.0218234** | **.0156321** | **26.65923** | **.4041286** | **.1988773** |
| Stddev | .0028593 | .0001612 | .0001629 | .15075 | .0028948 | .0003257 |
| %RSD | .3213434 | .7386726 | 1.041872 | .5654840 | .7163164 | .1637644 |
| #1 | .8897453 | .0219915 | .0154610 | 26.60178 | .4074687 | .1987957 |
| #2 | .8869644 | .0216701 | .0157852 | 26.54565 | .4023461 | .1992360 |
| #3 | .8926823 | .0218087 | .0156501 | 26.83026 | .4025710 | .1986001 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.3007292** | **327.3235** | **6.784681** | **115.7335** | **.3071295** | **.0127410** |
| Stddev | .0010634 | 1.3478 | .024084 | .6190 | .0004696 | .0009780 |
| %RSD | .3536101 | .4117664 | .3549813 | .5348396 | .1529032 | 7.675937 |
| #1 | .2996109 | 328.6688 | 6.775206 | 115.4424 | .3076698 | .0116509 |
| #2 | .3017275 | 325.9732 | 6.766774 | 115.3138 | .3068194 | .0130305 |
| #3 | .3008491 | 327.3284 | 6.812061 | 116.4444 | .3068992 | .0135415 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **7.765538** | **.7234866** | **2.084514** | **50.80606** | **.2022262** | **.0115230** |
| Stddev | .052394 | .0069281 | .012668 | .24876 | .0016984 | .0000414 |
| %RSD | .6747015 | .9575945 | .6077095 | .4896323 | .8398364 | .3597537 |
| #1 | 7.807929 | .7268305 | 2.098922 | 51.08846 | .2041499 | .0114772 |
| #2 | 7.781725 | .7155209 | 2.075124 | 50.61937 | .2009342 | .0115338 |
| #3 | 7.706961 | .7281085 | 2.079497 | 50.71035 | .2015946 | .0115579 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-08 Acquired: 8/19/2025 17:46:14 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0237330 | F 11.80561 | F 20.73159 | 9.906646 | .6864885 | .4372453 |
| Stddev | .0002678 | .05228 | .32484 | .037218 | .0053714 | .0006316 |
| %RSD | 1.128331 | .4428796 | 1.566890 | .3756905 | .7824505 | .1444406 |
| #1 | .0237521 | 11.80556 | 21.06904 | 9.892653 | .6876938 | .4374141 |
| #2 | .0239907 | 11.75336 | 20.42103 | 9.878452 | .6806169 | .4365465 |
| #3 | .0234562 | 11.85793 | 20.70469 | 9.948833 | .6911549 | .4377753 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.134515 |
| Stddev | .001321 |
| %RSD | .9819460 |
| #1 | -.135938 |
| #2 | -.133327 |
| #3 | -.134281 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7689.796 | 132595.3 | 15320.45 | 5929.369 | 6874.223 |
| Stddev | 6.148 | 765.1 | 43.81 | 25.782 | 1.789 |
| %RSD | .0799545 | .5770305 | .2859685 | .4348148 | .0260310 |
| #1 | 7685.307 | 131712.6 | 15305.30 | 5903.847 | 6873.502 |
| #2 | 7687.276 | 133067.9 | 15369.82 | 5955.403 | 6872.906 |
| #3 | 7696.803 | 133005.5 | 15286.22 | 5928.858 | 6876.260 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-10 Acquired: 8/19/2025 17:50:25 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2224471 | -.043091 | 1.030748 | -.001582 | -.012246 | 257.2511 |
| Stddev | .0019155 | .003538 | .003998 | .002610 | .000119 | 1.1119 |
| %RSD | .8611081 | 8.209785 | .3879083 | 164.9587 | .9719942 | .4322423 |
| #1 | .2236324 | -.046746 | 1.035016 | -.003290 | -.012176 | 257.6235 |
| #2 | .2234718 | -.039684 | 1.027088 | .001422 | -.012179 | 256.0007 |
| #3 | .2202372 | -.042843 | 1.030141 | -.002878 | -.012384 | 258.1290 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8326826 | .0240875 | .0234303 | 36.87530 | .4353565 | .2564803 |
| Stddev | .0029135 | .0000756 | .0003020 | .04637 | .0006295 | .0002334 |
| %RSD | .3498974 | .3140579 | 1.289089 | .1257559 | .1445819 | .0910179 |
| #1 | .8343766 | .0241728 | .0237713 | 36.82193 | .4353422 | .2563949 |
| #2 | .8293184 | .0240613 | .0231963 | 36.89818 | .4347342 | .2563015 |
| #3 | .8343528 | .0240285 | .0233233 | 36.90579 | .4359929 | .2567444 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3789486 | 374.1862 | 9.210670 | 133.2954 | .3813115 | .0123043 |
| Stddev | .0007302 | 1.1878 | .020013 | .4157 | .0006362 | .0001128 |
| %RSD | .1926771 | .3174243 | .2172829 | .3118675 | .1668526 | .9163669 |
| #1 | .3797209 | 372.8306 | 9.206936 | 132.8687 | .3819645 | .0124257 |
| #2 | .3782696 | 375.0444 | 9.192786 | 133.3184 | .3812763 | .0122029 |
| #3 | .3788552 | 374.6835 | 9.232287 | 133.6991 | .3806935 | .0122843 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.14086 | .8515274 | 2.289833 | 56.69835 | .2190814 | .0154524 |
| Stddev | .09238 | .0043439 | .003722 | .14309 | .0045940 | .0003248 |
| %RSD | .4172540 | .5101289 | .1625643 | .2523790 | 2.096946 | 2.101920 |
| #1 | 22.20044 | .8548373 | 2.286778 | 56.79477 | .2141324 | .0158194 |
| #2 | 22.03443 | .8531363 | 2.288741 | 56.53393 | .2199018 | .0152020 |
| #3 | 22.18769 | .8466086 | 2.293979 | 56.76633 | .2232099 | .0153358 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-10 Acquired: 8/19/2025 17:50:25 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0192834 | F 12.17585 | F 23.39325 | F 13.39258 | .8873296 | .4727223 |
| Stddev | .0007119 | .00712 | .48106 | .02131 | .0096942 | .0015674 |
| %RSD | 3.691690 | .0585001 | 2.056389 | .1591117 | 1.092514 | .3315666 |
| #1 | .0200797 | 12.18104 | 23.91666 | 13.37145 | .8922295 | .4738431 |
| #2 | .0187087 | 12.16773 | 23.29263 | 13.39222 | .8761635 | .4709312 |
| #3 | .0190619 | 12.17878 | 22.97046 | 13.41406 | .8935957 | .4733926 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.085032 |
| Stddev | .001926 |
| %RSD | 2.265137 |
| #1 | -.082915 |
| #2 | -.086680 |
| #3 | -.085501 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 8167.433 | 141185.9 | 16341.96 | 6295.107 | 6758.737 |
| Stddev | 8.341 | 162.9 | 11.44 | 27.467 | 9.310 |
| %RSD | .1021228 | .1153826 | .0700088 | .4363220 | .1377476 |
| #1 | 8158.070 | 141066.9 | 16349.07 | 6315.704 | 6748.139 |
| #2 | 8174.068 | 141371.6 | 16348.06 | 6305.696 | 6765.597 |
| #3 | 8170.161 | 141119.3 | 16328.77 | 6263.922 | 6762.475 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-12 Acquired: 8/19/2025 17:54:42 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1929912 | -.040703 | .8498719 | .0021834 | -.008343 | 204.2746 |
| Stddev | .0032614 | .002006 | .0015805 | .0051131 | .001230 | 1.0496 |
| %RSD | 1.689937 | 4.927422 | .1859672 | 234.1784 | 14.73993 | .5138005 |
| #1 | .1925163 | -.039496 | .8510920 | -.002578 | -.008873 | 205.0348 |
| #2 | .1964641 | -.039594 | .8480865 | .001541 | -.006937 | 203.0770 |
| #3 | .1899933 | -.043018 | .8504372 | .007587 | -.009220 | 204.7119 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8757505 | .0220706 | .0180275 | 36.58114 | .3650688 | .1877632 |
| Stddev | .0031634 | .0001049 | .0001012 | .03436 | .0005541 | .0001601 |
| %RSD | .3612266 | .4754854 | .5616443 | .0939168 | .1517843 | .0852434 |
| #1 | .8745258 | .0219964 | .0179179 | 36.56034 | .3652914 | .1877426 |
| #2 | .8793432 | .0221907 | .0180471 | 36.56229 | .3654770 | .1876145 |
| #3 | .8733825 | .0220248 | .0181175 | 36.62080 | .3644380 | .1879326 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3413039 | 334.3356 | 7.060116 | 104.3272 | .3344767 | .0143635 |
| Stddev | .0009354 | .4439 | .010105 | .1949 | .0003689 | .0001468 |
| %RSD | .2740728 | .1327653 | .1431313 | .1867763 | .1102924 | 1.022071 |
| #1 | .3408391 | 333.9338 | 7.052798 | 104.3392 | .3344899 | .0143979 |
| #2 | .3406919 | 334.2611 | 7.071645 | 104.1266 | .3341014 | .0142026 |
| #3 | .3423807 | 334.8121 | 7.055903 | 104.5157 | .3348389 | .0144901 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.885961 | .6750032 | 2.310159 | 47.95455 | .2496116 | .0130016 |
| Stddev | .026656 | .0041886 | .006906 | .03750 | .0036032 | .0004003 |
| %RSD | .2696299 | .6205298 | .2989425 | .0781964 | 1.443512 | 3.078857 |
| #1 | 9.893690 | .6745238 | 2.302281 | 47.93323 | .2464017 | .0134205 |
| #2 | 9.907898 | .6710749 | 2.313026 | 47.99784 | .2489241 | .0129613 |
| #3 | 9.856295 | .6794108 | 2.315170 | 47.93257 | .2535090 | .0126229 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2892-12 Acquired: 8/19/2025 17:54:42 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0234366 | F 10.97581 | F 11.96371 | 9.850284 | .9478975 | .4042914 |
| Stddev | .0013801 | .01337 | .20952 | .014774 | .0023095 | .0007650 |
| %RSD | 5.888596 | .1217808 | 1.751293 | .1499849 | .2436414 | .1892215 |
| #1 | .0244240 | 10.96856 | 12.04284 | 9.865961 | .9460765 | .4035373 |
| #2 | .0218597 | 10.99124 | 11.72615 | 9.836619 | .9504952 | .4050668 |
| #3 | .0240262 | 10.96764 | 12.12215 | 9.848273 | .9471209 | .4042701 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.117644 |
| Stddev | .000809 |
| %RSD | .6874786 |
| #1 | -.117206 |
| #2 | -.117148 |
| #3 | -.118577 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 8039.689 | 135487.1 | 15842.66 | 6097.983 | 6931.040 |
| Stddev | 6.523 | 98.9 | 14.93 | 34.370 | 5.624 |
| %RSD | .0811367 | .0729856 | .0942511 | .5636316 | .0811390 |
| #1 | 8034.861 | 135527.7 | 15853.94 | 6135.214 | 6927.314 |
| #2 | 8047.110 | 135559.3 | 15825.73 | 6091.271 | 6937.509 |
| #3 | 8037.097 | 135374.4 | 15848.30 | 6067.463 | 6928.298 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2897-01 Acquired: 8/19/2025 17:58:52 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0451486** | **-.024932** | **.0640574** | **.0020353** | **-.008219** | **70.60935** |
| Stddev | .0014494 | .001415 | .0009997 | .0000175 | .002188 | .37581 |
| %RSD | 3.210386 | 5.673688 | 1.560599 | .8583961 | 26.61619 | .5322413 |
| #1 | .0464690 | -.023304 | .0632061 | .0020240 | -.010275 | 70.42682 |
| #2 | .0453792 | -.025862 | .0651582 | .0020265 | -.005920 | 71.04157 |
| #3 | .0435977 | -.025630 | .0638077 | .0020554 | -.008463 | 70.35967 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.3197307** | **.0112729** | **.0067657** | **7.040416** | **.1494584** | **.0752971** |
| Stddev | .0023438 | .0000875 | .0000472 | .043470 | .0012456 | .0002316 |
| %RSD | .7330630 | .7759048 | .6982624 | .6174282 | .8334262 | .3075247 |
| #1 | .3170882 | .0113214 | .0067113 | 6.999915 | .1508898 | .0753062 |
| #2 | .3205458 | .0111719 | .0067906 | 7.086344 | .1486205 | .0750612 |
| #3 | .3215581 | .0113253 | .0067954 | 7.034990 | .1488649 | .0755240 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0928342** | **182.9358** | **2.591754** | **9.594424** | **.0792777** | **.0068900** |
| Stddev | .0002125 | .1560 | .012490 | .048097 | .0004271 | .0005980 |
| %RSD | .2289288 | .0852969 | .4819319 | .5013045 | .5387434 | 8.679827 |
| #1 | .0927810 | 182.9327 | 2.580268 | 9.569685 | .0790263 | .0062439 |
| #2 | .0926533 | 182.7814 | 2.605051 | 9.649856 | .0790359 | .0070019 |
| #3 | .0930683 | 183.0934 | 2.589944 | 9.563732 | .0797708 | .0074242 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.7922302** | **.2517309** | **.2385875** | **6.199457** | **.0962537** | **.0066892** |
| Stddev | .0140277 | .0010079 | .0006659 | .037895 | .0053426 | .0001071 |
| %RSD | 1.770662 | .4003684 | .2790981 | .6112601 | 5.550563 | 1.600328 |
| #1 | .7768098 | .2528779 | .2380555 | 6.156857 | .1017114 | .0068087 |
| #2 | .8042341 | .2513278 | .2393343 | 6.212101 | .0910341 | .0066568 |
| #3 | .7956466 | .2509870 | .2383726 | 6.229413 | .0960157 | .0066021 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: Q2897-01 Acquired: 8/19/2025 17:58:52 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.002119** | **2.703237** | F **10.26166** | **2.396292** | **.9964787** | **.0627636** |
| Stddev | .000438 | .020857 | .15716 | .012897 | .0111617 | .0014857 |
| %RSD | 20.68117 | .7715414 | 1.531500 | .5382046 | 1.120109 | 2.367106 |
| #1 | -.001788 | 2.705518 | 10.41363 | 2.382339 | .9842391 | .0614959 |
| #2 | -.002616 | 2.722859 | 10.27157 | 2.407776 | 1.006095 | .0623963 |
| #3 | -.001954 | 2.681333 | 10.09978 | 2.398760 | .999102 | .0643984 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **-.142870** |
| Stddev | .000342 |
| %RSD | .2392578 |
| #1 | -.143234 |
| #2 | -.142819 |
| #3 | -.142557 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **8009.415** | **139619.9** | **15246.76** | **6221.766** | **7730.233** |
| Stddev | 8.177 | 237.1 | 50.61 | 28.740 | 10.271 |
| %RSD | .1020862 | .1697867 | .3319291 | .4619241 | .1328632 |
| #1 | 8005.738 | 139389.9 | 15280.22 | 6189.250 | 7730.112 |
| #2 | 8018.784 | 139863.4 | 15188.54 | 6243.770 | 7740.563 |
| #3 | 8003.722 | 139606.3 | 15271.52 | 6232.278 | 7720.023 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV07 Acquired: 8/19/2025 18:02:55 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.093352** | **5.285378** | **4.849077** | **5.154947** | **5.130937** | **9.739275** | **9.734032** |
| Stddev | .008767 | .011256 | .003758 | .015555 | .015368 | .018860 | .062192 |
| %RSD | .1721300 | .2129658 | .0775068 | .3017570 | .2995079 | .1936462 | .6389082 |
| #1 | 5.085398 | 5.289183 | 4.850539 | 5.137327 | 5.117071 | 9.759578 | 9.755163 |
| #2 | 5.091906 | 5.294239 | 4.844808 | 5.160736 | 5.128281 | 9.722302 | 9.782905 |
| #3 | 5.102753 | 5.272713 | 4.851886 | 5.166777 | 5.147460 | 9.735946 | 9.664028 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2325641** | **2.445087** | **24.16445** | **.9899422** | **2.456529** | **1.252809** | **5.204571** |
| Stddev | .0020714 | .001474 | .07277 | .0031684 | .001130 | .000972 | .038603 |
| %RSD | .8906836 | .0602977 | .3011282 | .3200566 | .0459934 | .0775840 | .7417149 |
| #1 | .2348322 | 2.446718 | 24.23347 | .9862844 | 2.456133 | 1.251824 | 5.162319 |
| #2 | .2320878 | 2.443848 | 24.17142 | .9918362 | 2.455650 | 1.252835 | 5.237997 |
| #3 | .2307723 | 2.444695 | 24.08844 | .9917059 | 2.457803 | 1.253768 | 5.213397 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.425644** | **23.92740** | **2.447709** | **1.254957** | **24.93296** | **2.474190** | **2.528629** |
| Stddev | .012496 | .07412 | .000525 | .001264 | .24969 | .005460 | .009258 |
| %RSD | .5151558 | .3097555 | .0214635 | .1006945 | 1.001449 | .2206587 | .3661121 |
| #1 | 2.433269 | 24.01255 | 2.448084 | 1.253752 | 24.70914 | 2.478926 | 2.524670 |
| #2 | 2.432440 | 23.87735 | 2.447934 | 1.256272 | 25.20227 | 2.468219 | 2.539208 |
| #3 | 2.411223 | 23.89231 | 2.447108 | 1.254847 | 24.88746 | 2.475425 | 2.522009 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **25.21398** | **4.682735** | **5.080295** | **4.908572** | **4.941997** | **5.217996** | **4.889324** |
| Stddev | .22167 | .046981 | .008331 | .002604 | .018101 | .054090 | .016266 |
| %RSD | .8791615 | 1.003283 | .1639896 | .0530517 | .3662671 | 1.036599 | .3326739 |
| #1 | 24.96529 | 4.733071 | 5.071751 | 4.908666 | 4.957887 | 5.155780 | 4.907911 |
| #2 | 25.39081 | 4.675088 | 5.080737 | 4.911128 | 4.945812 | 5.253850 | 4.882371 |
| #3 | 25.28582 | 4.640047 | 5.088396 | 4.905922 | 4.922293 | 5.244359 | 4.877691 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCV07 Acquired: 8/19/2025 18:02:55 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **5.002412** | **4.617504** | **4.959918** |
| Stddev | .011553 | .026842 | .020607 |
| %RSD | .2309401 | .5813071 | .4154667 |
| #1 | 4.991172 | 4.624728 | 4.964858 |
| #2 | 5.001810 | 4.639995 | 4.937290 |
| #3 | 5.014254 | 4.587790 | 4.977606 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6428.052** | **110742.6** | **11928.23** | **4958.204** | **7534.060** |
| Stddev | 4.201 | 339.9 | 107.28 | 10.981 | 6.446 |
| %RSD | .0653608 | .3069546 | .8993716 | .2214624 | .0855571 |
| #1 | 6432.884 | 111120.5 | 11813.87 | 4970.880 | 7527.622 |
| #2 | 6426.011 | 110461.7 | 11944.19 | 4951.617 | 7534.043 |
| #3 | 6425.261 | 110645.6 | 12026.64 | 4952.114 | 7540.514 |

Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB07 Acquired: 8/19/2025 18:07:06 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000234** | **-.000302** | **.0002493** | **-.000551** | **.0003266** | **.0087290** | **-.006408** |
| Stddev | .000254 | .000952 | .0001028 | .002667 | .0016182 | .0091352 | .000560 |
| %RSD | 108.1871 | 315.6489 | 41.23272 | 484.1977 | 495.4626 | 104.6538 | 8.745046 |
| #1 | -.000066 | .000740 | .0003637 | -.003102 | .0017210 | .0191615 | -.007025 |
| #2 | -.000526 | -.000518 | .0001647 | .002218 | .0007064 | .0021620 | -.005930 |
| #3 | -.000111 | -.001126 | .0002194 | -.000768 | -.001448 | .0048635 | -.006268 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0001014** | **.0001399** | **-.004283** | **-.000151** | **.0002341** | **-.000279** | **-.003175** |
| Stddev | .0000639 | .0000068 | .008733 | .000045 | .0001084 | .000267 | .003068 |
| %RSD | 63.00642 | 4.874560 | 203.8952 | 30.05817 | 46.33796 | 95.84055 | 96.62311 |
| #1 | .0000750 | .0001477 | -.007615 | -.000190 | .0003095 | -.000421 | -.000891 |
| #2 | .0001743 | .0001356 | .005625 | -.000101 | .0001098 | -.000446 | -.001972 |
| #3 | .0000550 | .0001363 | -.010860 | -.000163 | .0002829 | .000029 | -.006662 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000181** | **.0008991** | **.0001200** | **-.000302** | **.1326717** | **.0005761** | **-.000633** |
| Stddev | .000349 | .0126824 | .0001370 | .000243 | .0165491 | .0005353 | .000138 |
| %RSD | 193.1529 | 1410.554 | 114.1792 | 80.34635 | 12.47375 | 92.90970 | 21.86918 |
| #1 | .000079 | .0155431 | .0001173 | -.000507 | .1143633 | .0006258 | -.000743 |
| #2 | -.000578 | -.006334 | -.000016 | -.000365 | .1370848 | .0000177 | -.000679 |
| #3 | -.000044 | -.006512 | .000258 | -.000034 | .1465669 | .0010848 | -.000477 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1312188** | **.0003630** | **.0006305** | **-.003012** | **.0001689** | **.0123017** | **.0033139** |
| Stddev | .0615908 | .0001929 | .0001116 | .000240 | .0005988 | .0048512 | .0002028 |
| %RSD | 46.93751 | 53.14264 | 17.69680 | 7.973847 | 354.5430 | 39.43493 | 6.120779 |
| #1 | .0680448 | .0002493 | .0006793 | -.003273 | .0003111 | .0087896 | .0035477 |
| #2 | .1345176 | .0005858 | .0007093 | -.002961 | -.000488 | .0178370 | .0032098 |
| #3 | .1910938 | .0002540 | .0005028 | -.002801 | .000684 | .0102785 | .0031843 |

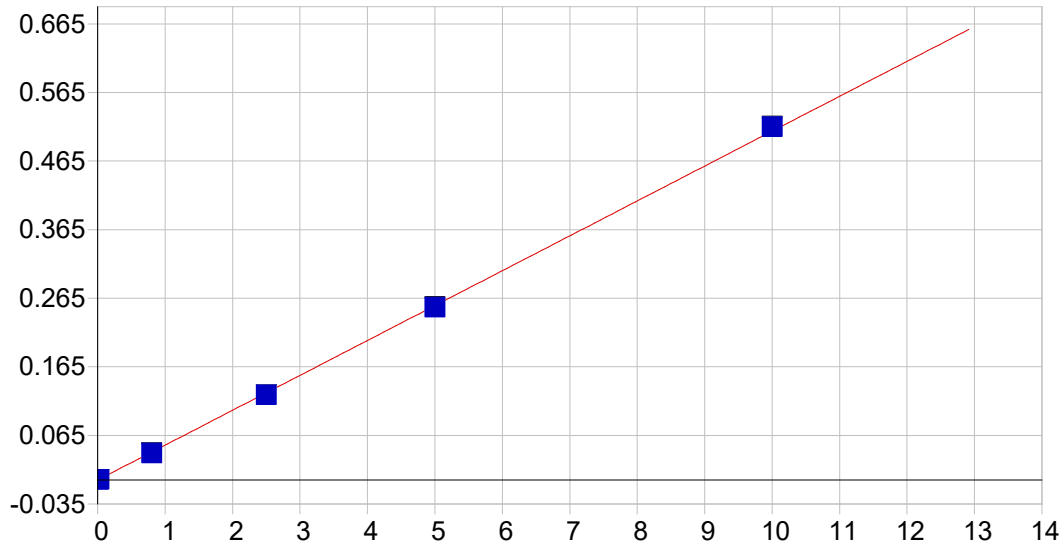
Reviewed By:jaswal
On:8/21/2025 1:53:50 PM
Inst Id :P4
LB :LB136886

Sample Name: CCB07 Acquired: 8/19/2025 18:07:06 Type: Unk
Method: 6010-200.7 NEW(v115) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **-.001153** | **-.001554** | **.0003995** |
| Stddev | .002635 | .001400 | .0000593 |
| %RSD | 228.5310 | 90.10103 | 14.83837 |
| #1 | -.002694 | -.003149 | .0004531 |
| #2 | .001890 | -.000987 | .0004095 |
| #3 | -.002655 | -.000526 | .0003358 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6811.273** | **114957.9** | **11911.64** | **5191.527** | **8650.986** |
| Stddev | 11.219 | 185.0 | 17.30 | 17.263 | 5.776 |
| %RSD | .1647070 | .1609488 | .1452501 | .3325131 | .0667690 |
| #1 | 6817.231 | 114965.8 | 11891.93 | 5206.734 | 8651.622 |
| #2 | 6818.256 | 114769.1 | 11918.67 | 5195.084 | 8656.418 |
| #3 | 6798.332 | 115138.9 | 11924.32 | 5172.763 | 8644.919 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



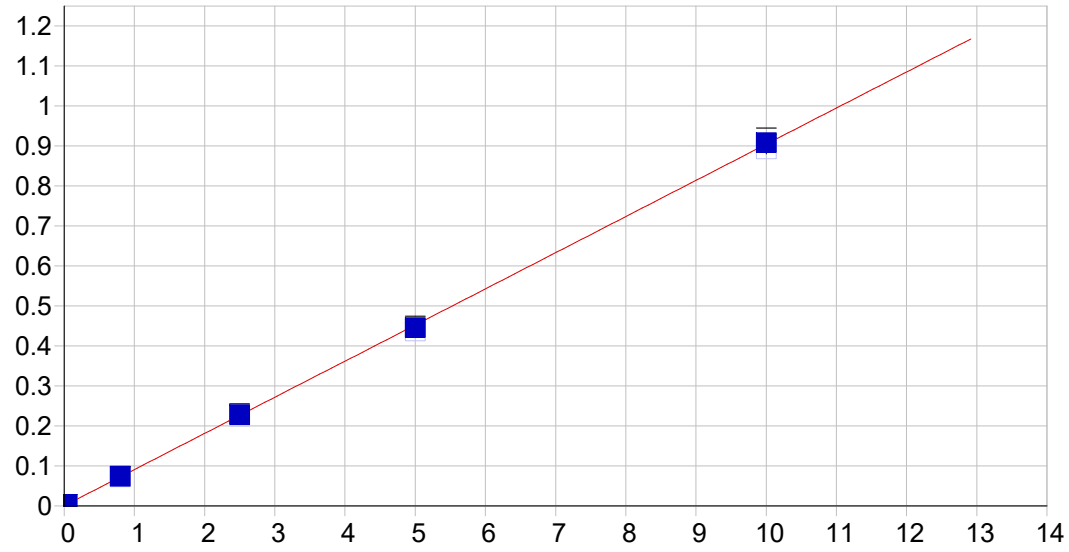

**As 189.042 {479}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000129 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.050867 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999890 | Status: | OK. |
| Std Error of Est: | 0.000018 | | |
| Predicted MDL: | 0.002090 | | |
| Predicted MQL: | 0.006968 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00013 | .000 | 1 |
| S1 | .02000 | .02119 | .001 | 5.93 | .00094 | .000 | 1 |
| S3 | 2.5000 | 2.4456 | -.054 | -2.17 | .12414 | .000 | 1 |
| S4 | 5.0000 | 4.9512 | -.049 | -.977 | .25145 | .001 | 1 |
| S5 | 10.000 | 10.126 | .126 | 1.26 | .51440 | .001 | 1 |
| S2 | .80000 | .77609 | -.024 | -2.99 | .03930 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



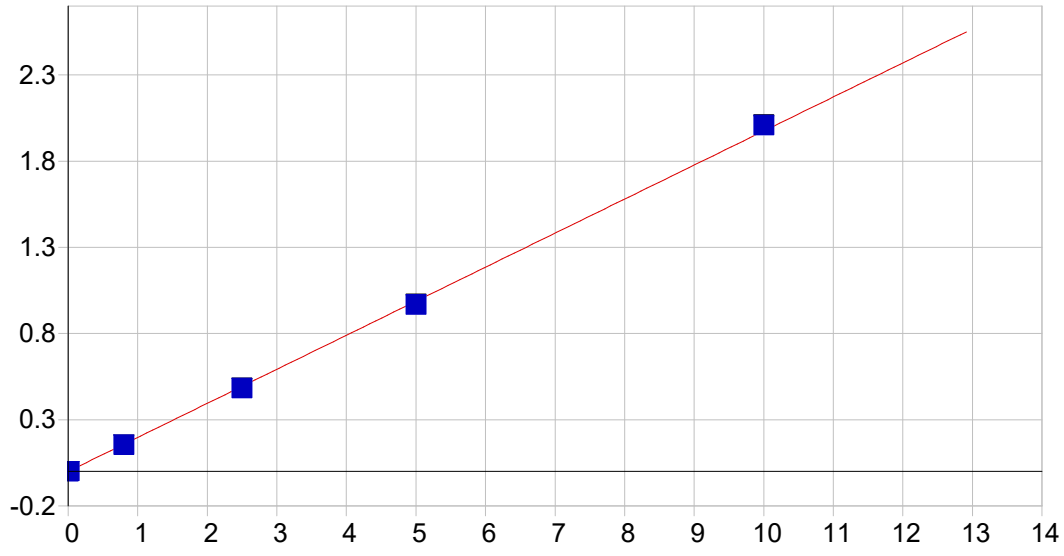

**Tl 190.856 {477}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000401 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.090402 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999947 | Status: | OK. |
| Std Error of Est: | 0.000030 | | |
| Predicted MDL: | 0.001458 | | |
| Predicted MQL: | 0.004861 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00040 | .000 | 1 |
| S1 | .04000 | .04329 | .003 | 8.22 | .00408 | .000 | 1 |
| S3 | 2.5000 | 2.5197 | .020 | .787 | .22406 | .002 | 1 |
| S4 | 5.0000 | 4.9243 | -.076 | -1.51 | .43732 | .004 | 1 |
| S5 | 10.000 | 10.044 | .044 | .444 | .89195 | .012 | 1 |
| S2 | .80000 | .80852 | .009 | 1.06 | .07217 | .001 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



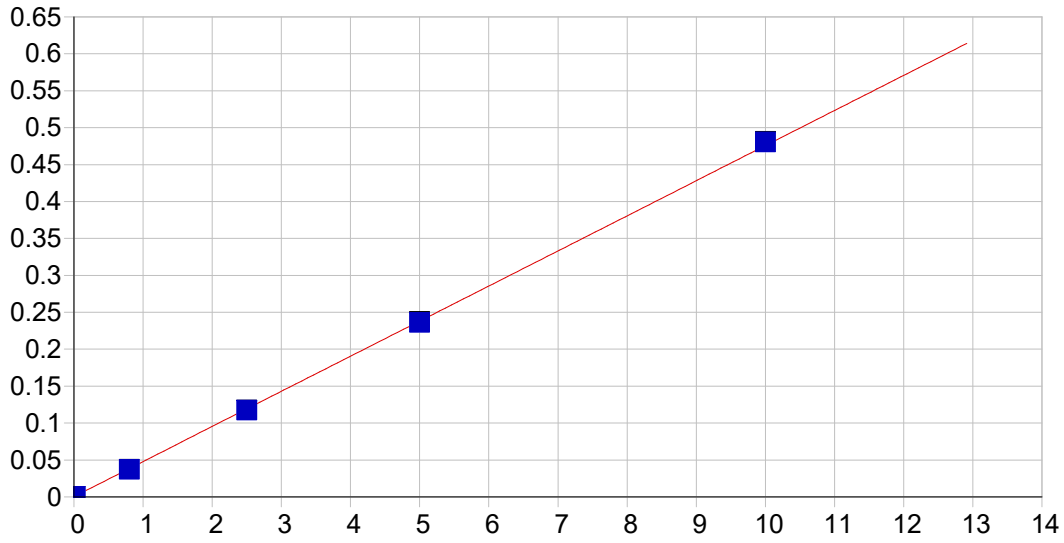

**Pb 220.353 {453}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000022 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.197506 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999823 | Status: | OK. |
| Std Error of Est: | 0.000067 | | |
| Predicted MDL: | 0.001246 | | |
| Predicted MQL: | 0.004154 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00002 | .000 | 1 |
| S1 | .01200 | .01154 | -.000 | -3.84 | .00226 | .000 | 1 |
| S3 | 2.5000 | 2.4458 | -.054 | -2.17 | .48257 | .001 | 1 |
| S4 | 5.0000 | 4.9045 | -.096 | -1.91 | .96767 | .002 | 1 |
| S5 | 10.000 | 10.171 | .171 | 1.71 | 2.0068 | .002 | 1 |
| S2 | .80000 | .77953 | -.020 | -2.56 | .15382 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



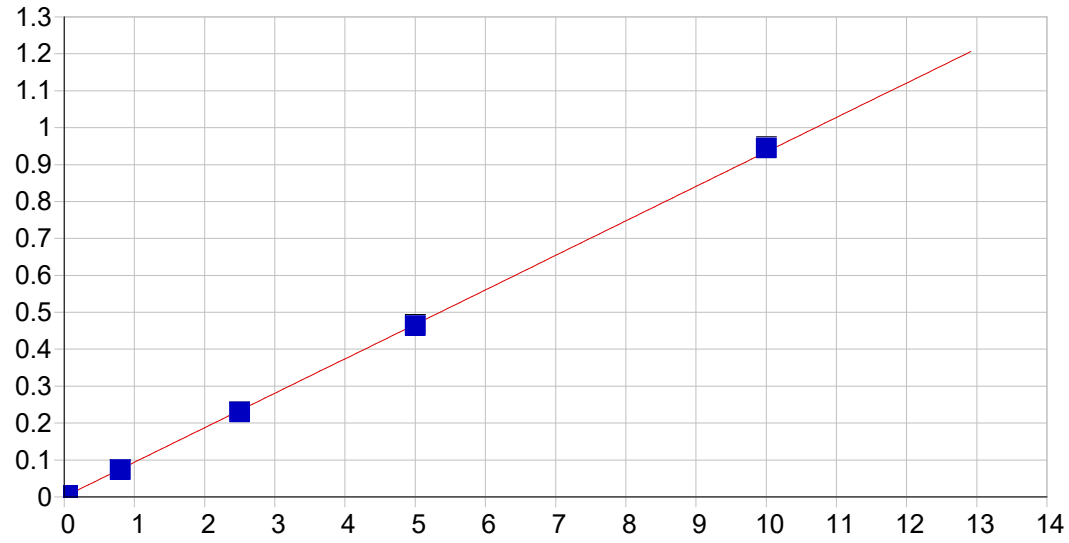

**Se 196.090 {472}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000387 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.047529 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999928 | Status: | OK. |
| Std Error of Est: | 0.000013 | | |
| Predicted MDL: | 0.002829 | | |
| Predicted MQL: | 0.009431 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00039 | .000 | 1 |
| S1 | .02000 | .01897 | -.001 | -5.13 | .00129 | .000 | 1 |
| S3 | 2.5000 | 2.4593 | -.041 | -1.63 | .11724 | .000 | 1 |
| S4 | 5.0000 | 4.9638 | -.036 | -.724 | .23625 | .001 | 1 |
| S5 | 10.000 | 10.100 | .100 | 1.00 | .48032 | .001 | 1 |
| S2 | .80000 | .77743 | -.023 | -2.82 | .03733 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



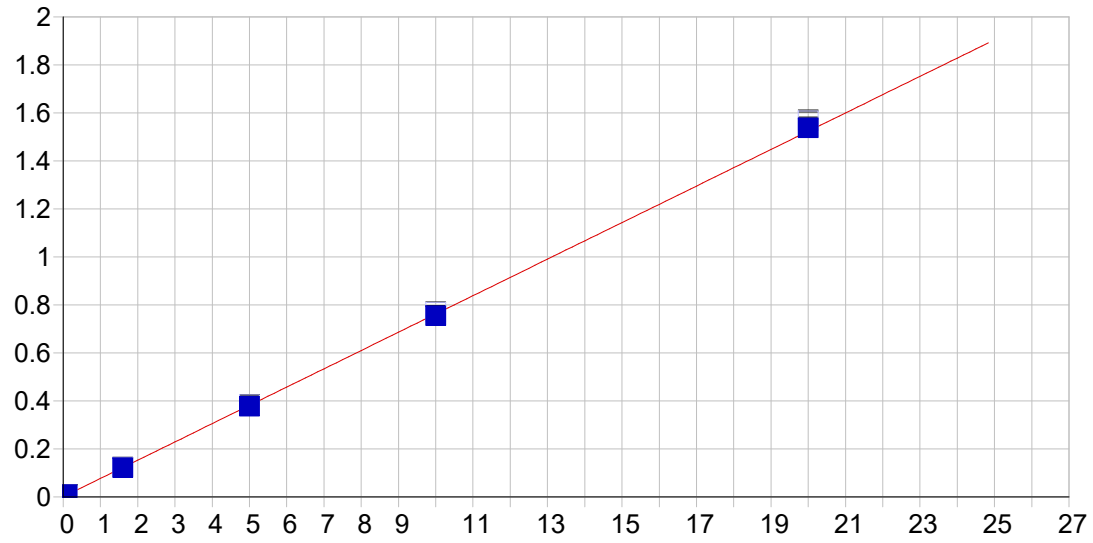

**Sb 206.833 {463}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000579 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.093354 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999921 | Status: | OK. |
| Std Error of Est: | 0.000044 | | |
| Predicted MDL: | 0.001810 | | |
| Predicted MQL: | 0.006035 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00058 | .000 | 1 |
| S1 | .05000 | .04860 | -.001 | -2.80 | .00513 | .000 | 1 |
| S3 | 2.5000 | 2.4546 | -.045 | -1.82 | .23036 | .001 | 1 |
| S4 | 5.0000 | 4.9561 | -.044 | -.878 | .46452 | .003 | 1 |
| S5 | 10.000 | 10.110 | .110 | 1.10 | .94694 | .002 | 1 |
| S2 | .80000 | .78061 | -.019 | -2.42 | .07366 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



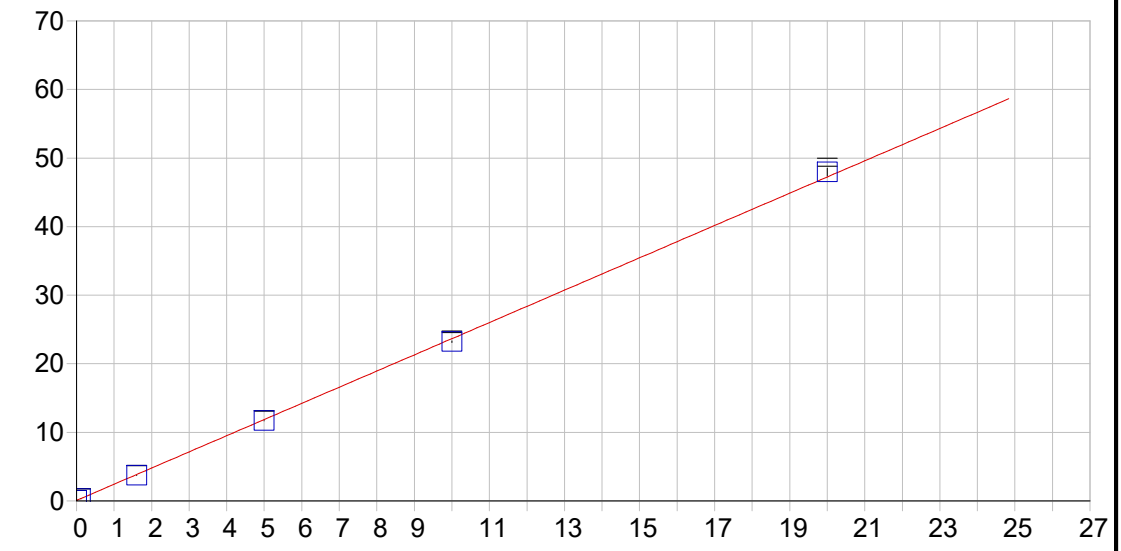

**Al 396.152 { 85}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000814 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.076146 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999948 | Status: | OK. |
| Std Error of Est: | 0.000059 | | |
| Predicted MDL: | 0.010345 | | |
| Predicted MQL: | 0.034484 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00081 | .000 | 1 |
| S1 | .10000 | .10715 | .007 | 7.15 | .00956 | .001 | 1 |
| S3 | 5.0000 | 4.9397 | -.060 | -1.21 | .38434 | .001 | 1 |
| S4 | 10.000 | 9.9013 | -.099 | -.987 | .76953 | .001 | 1 |
| S5 | 20.000 | 20.173 | .173 | .864 | 1.5664 | .004 | 1 |
| S2 | 1.6000 | 1.5787 | -.021 | -1.33 | .12339 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



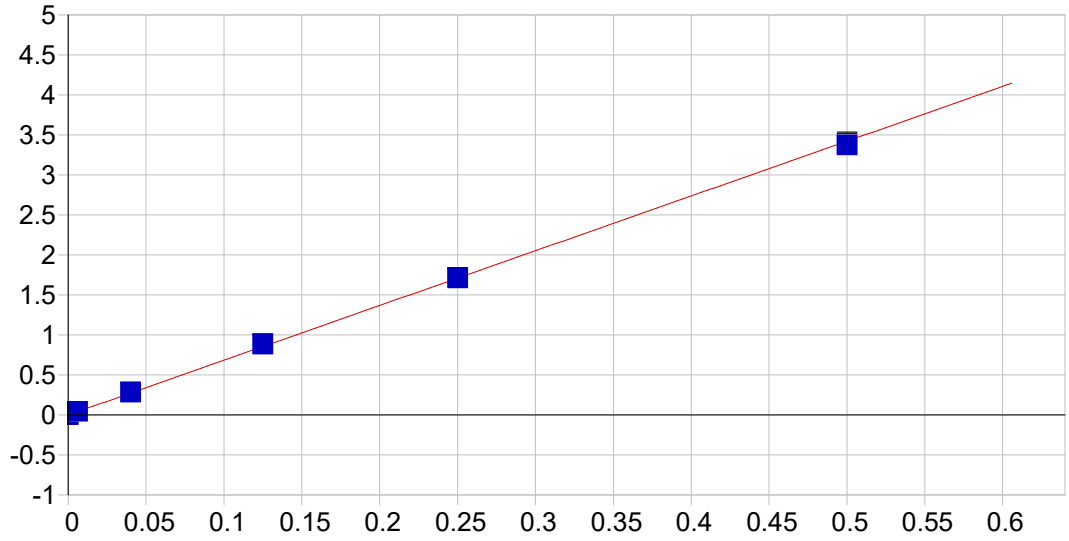

**Ba 493.409 { 68}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.076911 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.358114 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999852 | Status: | OK. |
| Std Error of Est: | 0.003007 | | |
| Predicted MDL: | 0.000957 | | |
| Predicted MQL: | 0.003188 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .07693 | .002 | 1 |
| S1 | .10000 | .09803 | -.002 | -1.97 | .30808 | .002 | 1 |
| S3 | 5.0000 | 4.9286 | -.071 | -1.43 | 11.699 | .028 | 1 |
| S4 | 10.000 | 9.8210 | -.179 | -1.79 | 23.236 | .119 | 1 |
| S5 | 20.000 | 20.307 | .307 | 1.54 | 47.963 | .583 | 1 |
| S2 | 1.6000 | 1.5453 | -.055 | -3.42 | 3.7209 | .017 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



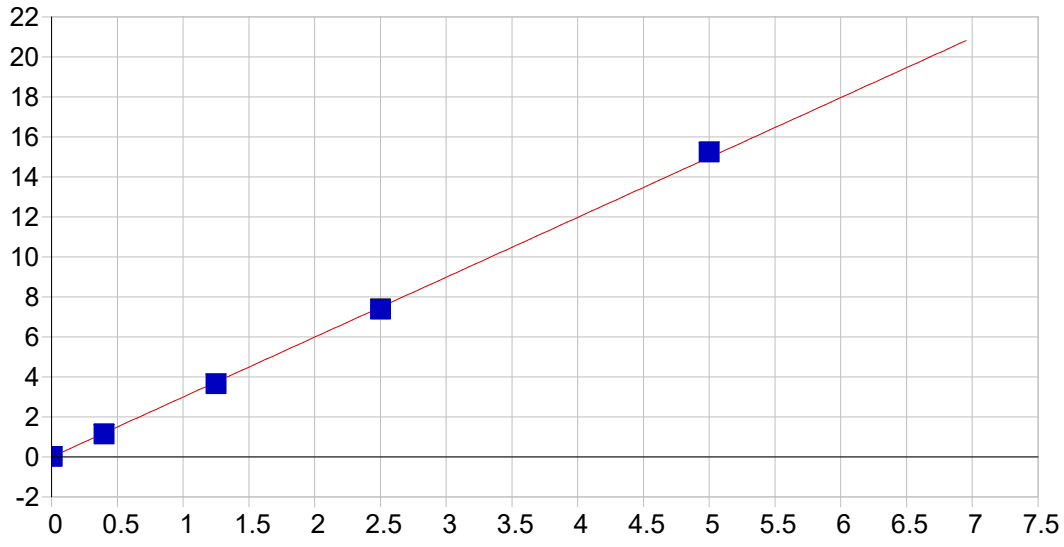

**Be 234.861 {144}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001063 | Re-Slope: | 1.000000 |
| A1 (Gain): | 6.844405 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999827 | Status: | OK. |
| Std Error of Est: | 0.000365 | | |
| Predicted MDL: | 0.000069 | | |
| Predicted MQL: | 0.000229 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00107 | .000 | 1 |
| S1 | .00600 | .00642 | .000 | 7.05 | .04259 | .000 | 1 |
| S3 | .12500 | .12942 | .004 | 3.54 | .88093 | .003 | 1 |
| S4 | .25000 | .25024 | .000 | .098 | 1.7040 | .006 | 1 |
| S5 | .50000 | .49355 | -.006 | -1.29 | 3.3616 | .035 | 1 |
| S2 | .04000 | .04136 | .001 | 3.41 | .28081 | .003 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



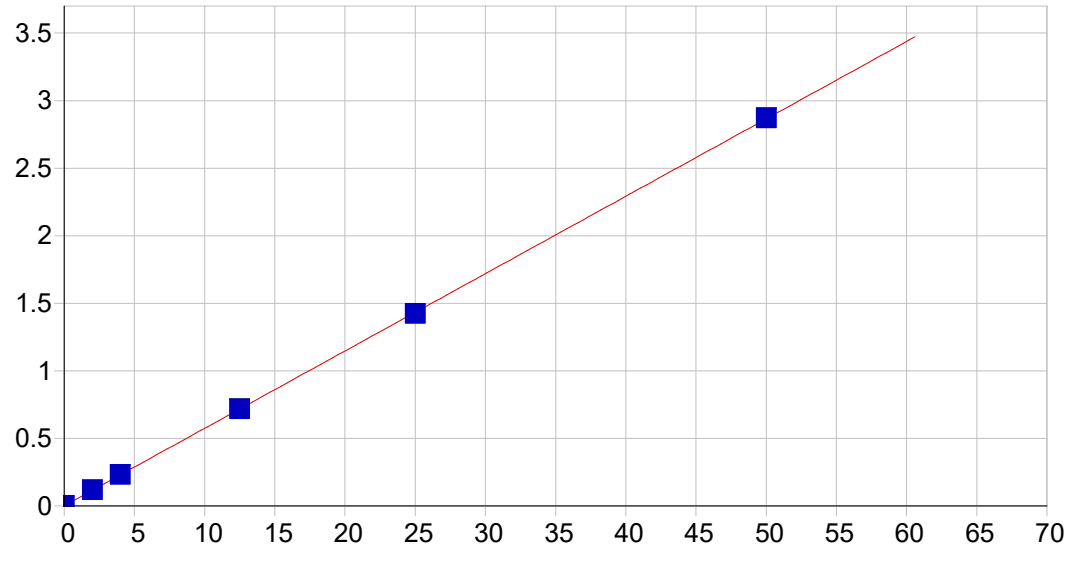

**Cd 226.502 {449}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000443 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.994412 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999785 | Status: | OK. |
| Std Error of Est: | 0.000563 | | |
| Predicted MDL: | 0.000070 | | |
| Predicted MQL: | 0.000235 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00044 | .000 | 1 |
| S1 | .00600 | .00575 | -.000 | -4.19 | .01683 | .000 | 1 |
| S3 | 1.2500 | 1.2161 | -.034 | -2.71 | 3.6437 | .001 | 1 |
| S4 | 2.5000 | 2.4642 | -.036 | -1.43 | 7.3832 | .008 | 1 |
| S5 | 5.0000 | 5.0890 | .089 | 1.78 | 15.248 | .014 | 1 |
| S2 | .40000 | .38091 | -.019 | -4.77 | 1.1409 | .001 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



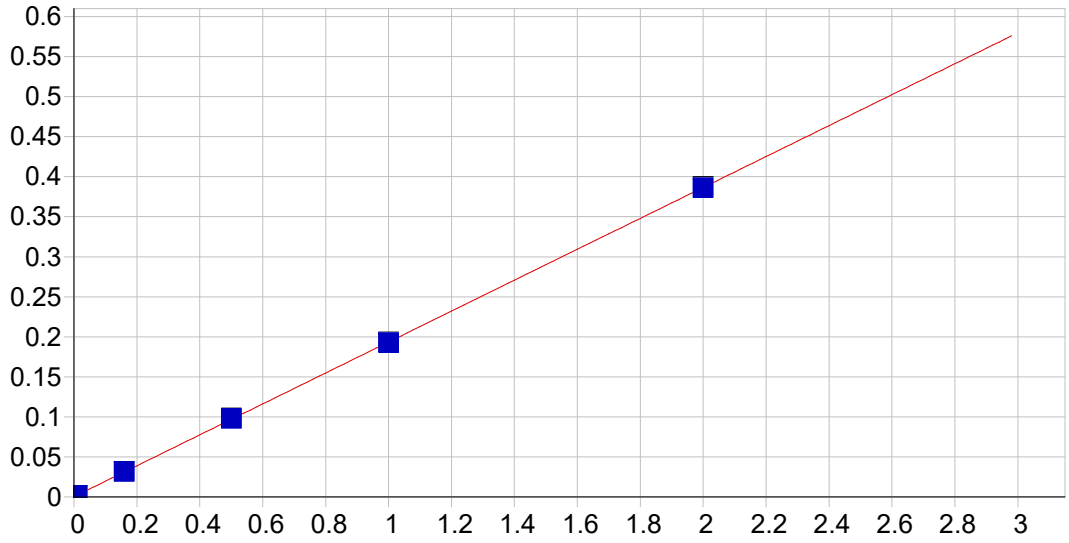

**Ca 373.690 { 90}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001477 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.057266 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999983 | Status: | OK. |
| Std Error of Est: | 0.000176 | | |
| Predicted MDL: | 0.010818 | | |
| Predicted MQL: | 0.036060 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00005 | -.000 | .000 | .00147 | .001 | 1 |
| S2 | 4.0000 | 4.0117 | .012 | .294 | .23121 | .001 | 1 |
| S3 | 12.500 | 12.520 | .020 | .161 | .71845 | .003 | 1 |
| S4 | 25.000 | 24.815 | -.185 | -.740 | 1.4225 | .001 | 1 |
| S5 | 50.000 | 50.098 | .098 | .195 | 2.8704 | .005 | 1 |
| S1 | 2.0000 | 2.0555 | .056 | 2.78 | .11919 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



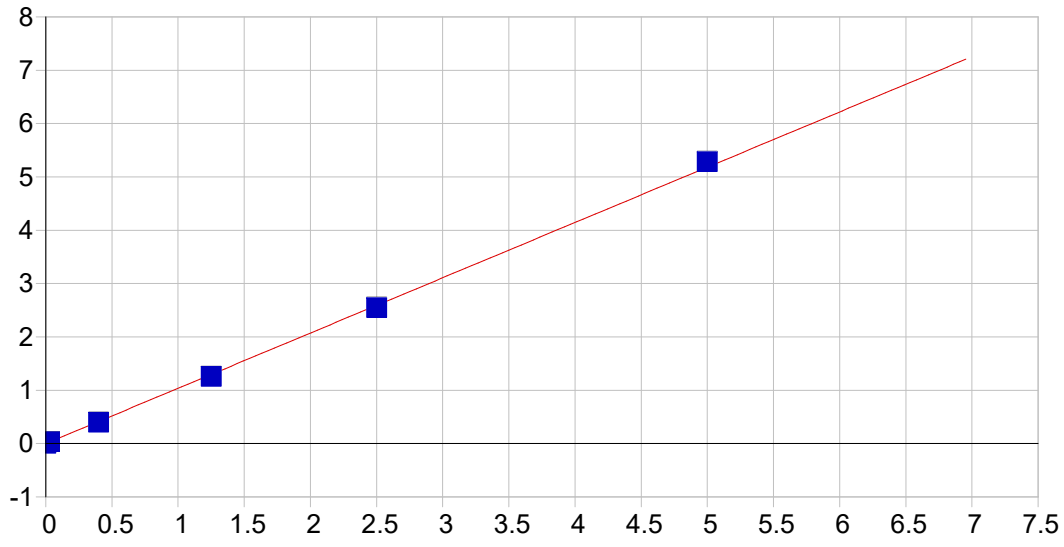

**Cr 267.716 {126}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000278 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.193160 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999984 | Status: | OK. |
| Std Error of Est: | 0.000008 | | |
| Predicted MDL: | 0.000328 | | |
| Predicted MQL: | 0.001092 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00028 | .000 | 1 |
| S1 | .01000 | .00989 | -.000 | -1.10 | .00219 | .000 | 1 |
| S3 | .50000 | .50562 | .006 | 1.12 | .09798 | .000 | 1 |
| S4 | 1.0000 | .99574 | -.004 | -.426 | .19269 | .001 | 1 |
| S5 | 2.0000 | 1.9966 | -.003 | -.168 | .38611 | .001 | 1 |
| S2 | .16000 | .16211 | .002 | 1.32 | .03160 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



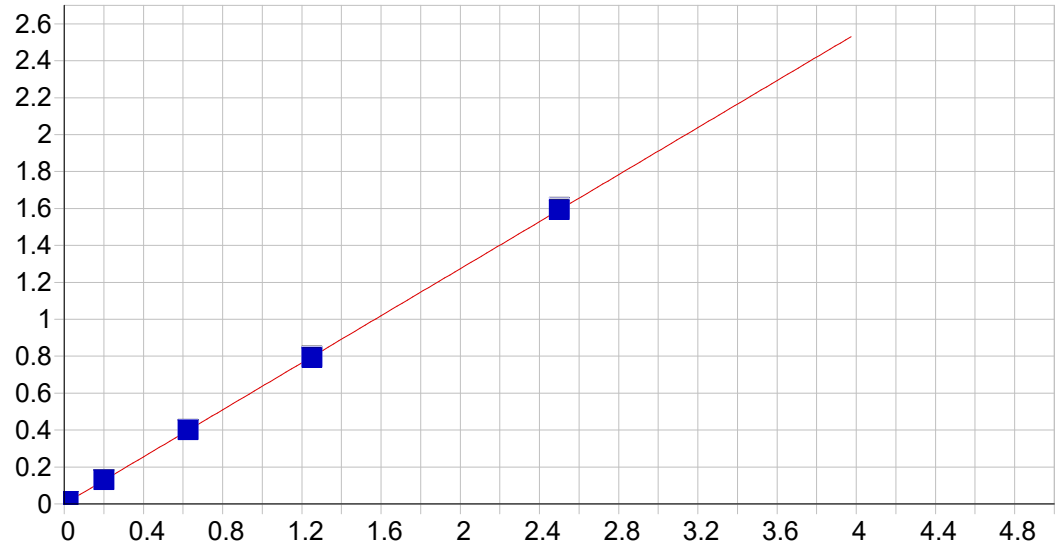

**Co 228.616 {448}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000038 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.036336 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999759 | Status: | OK. |
| Std Error of Est: | 0.000463 | | |
| Predicted MDL: | 0.000180 | | |
| Predicted MQL: | 0.000599 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00004 | .000 | 1 |
| S1 | .03000 | .02917 | -.001 | -2.76 | .03014 | .000 | 1 |
| S3 | 1.2500 | 1.2134 | -.037 | -2.92 | 1.2598 | .001 | 1 |
| S4 | 2.5000 | 2.4571 | -.043 | -1.72 | 2.5508 | .005 | 1 |
| S5 | 5.0000 | 5.0973 | .097 | 1.95 | 5.2914 | .001 | 1 |
| S2 | .40000 | .38294 | -.017 | -4.26 | .39760 | .001 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



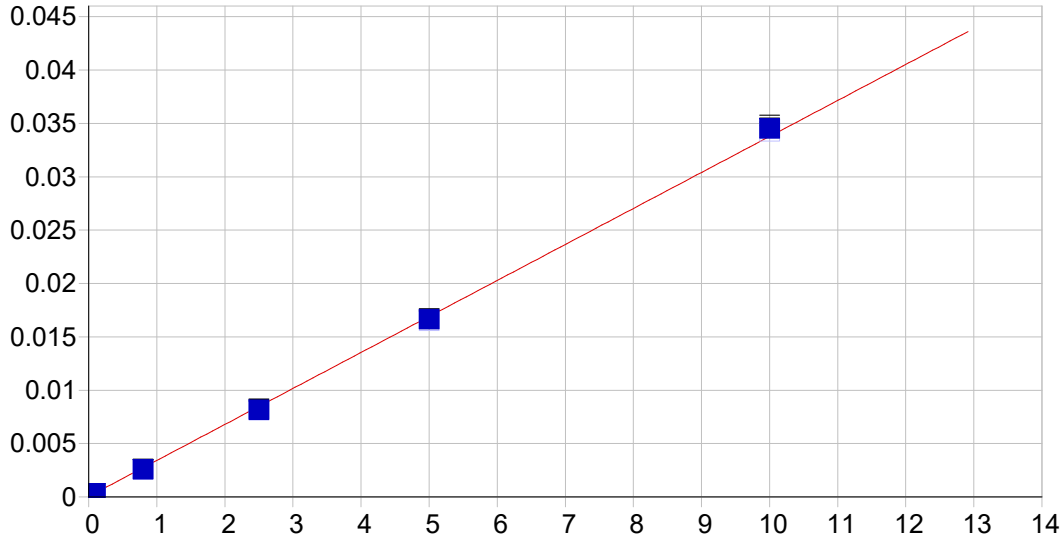

**Cu 224.700 {450}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000506 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.636701 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999987 | Status: | OK. |
| Std Error of Est: | 0.000039 | | |
| Predicted MDL: | 0.000401 | | |
| Predicted MQL: | 0.001338 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00051 | .000 | 1 |
| S1 | .02000 | .02075 | .001 | 3.75 | .01386 | .000 | 1 |
| S3 | .62500 | .62844 | .003 | .550 | .40395 | .001 | 1 |
| S4 | 1.2500 | 1.2433 | -.007 | -.539 | .79873 | .002 | 1 |
| S5 | 2.5000 | 2.4997 | -.000 | -.012 | 1.6053 | .001 | 1 |
| S2 | .20000 | .20285 | .003 | 1.42 | .13072 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



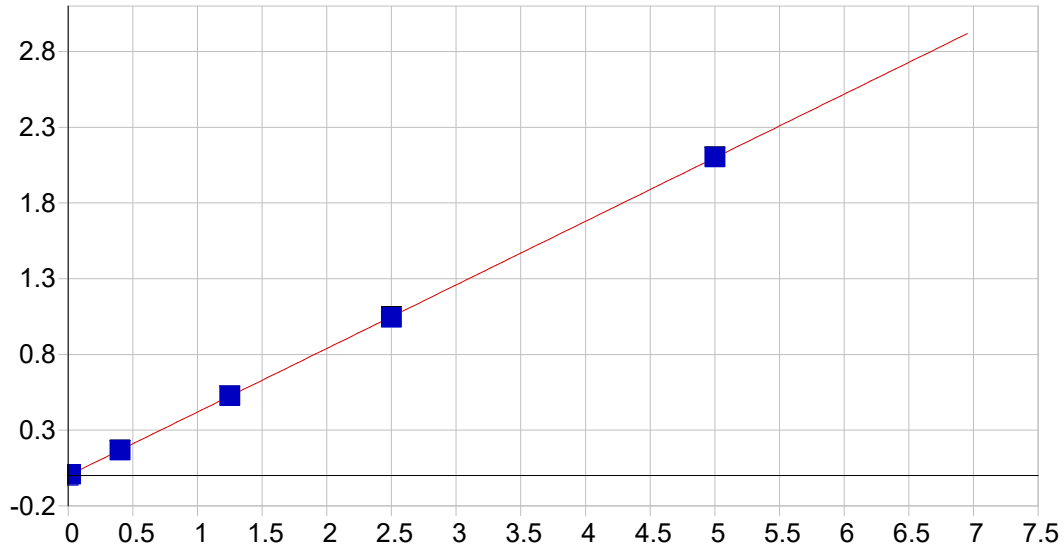

**Fe 240.488 {140}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000041 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.003373 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999660 | Status: | OK. |
| Std Error of Est: | 0.000005 | | |
| Predicted MDL: | 0.006072 | | |
| Predicted MQL: | 0.020242 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .00004 | .000 | 1 |
| S1 | .10000 | .09497 | -.005 | -5.03 | .00036 | .000 | 1 |
| S3 | 2.5000 | 2.4086 | -.091 | -3.66 | .00809 | .000 | 1 |
| S4 | 5.0000 | 4.9210 | -.079 | -1.58 | .01650 | .000 | 1 |
| S5 | 10.000 | 10.221 | .221 | 2.21 | .03423 | .000 | 1 |
| S2 | .80000 | .75468 | -.045 | -5.67 | .00256 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



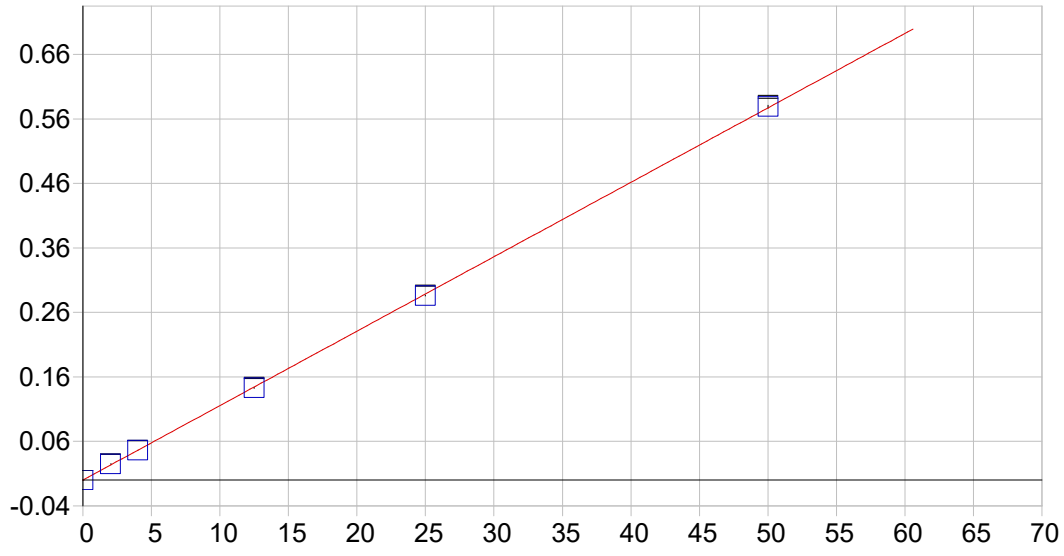

**Mn 257.610 {131}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000165 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.419705 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999986 | Status: | OK. |
| Std Error of Est: | 0.000037 | | |
| Predicted MDL: | 0.000552 | | |
| Predicted MQL: | 0.001841 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00016 | .000 | 1 |
| S1 | .02000 | .02185 | .002 | 9.24 | .00934 | .000 | 1 |
| S3 | 1.2500 | 1.2532 | .003 | .260 | .52626 | .001 | 1 |
| S4 | 2.5000 | 2.4867 | -.013 | -.531 | 1.0441 | .007 | 1 |
| S5 | 5.0000 | 5.0083 | .008 | .167 | 2.1026 | .002 | 1 |
| S2 | .40000 | .39984 | -.000 | -.041 | .16801 | .001 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



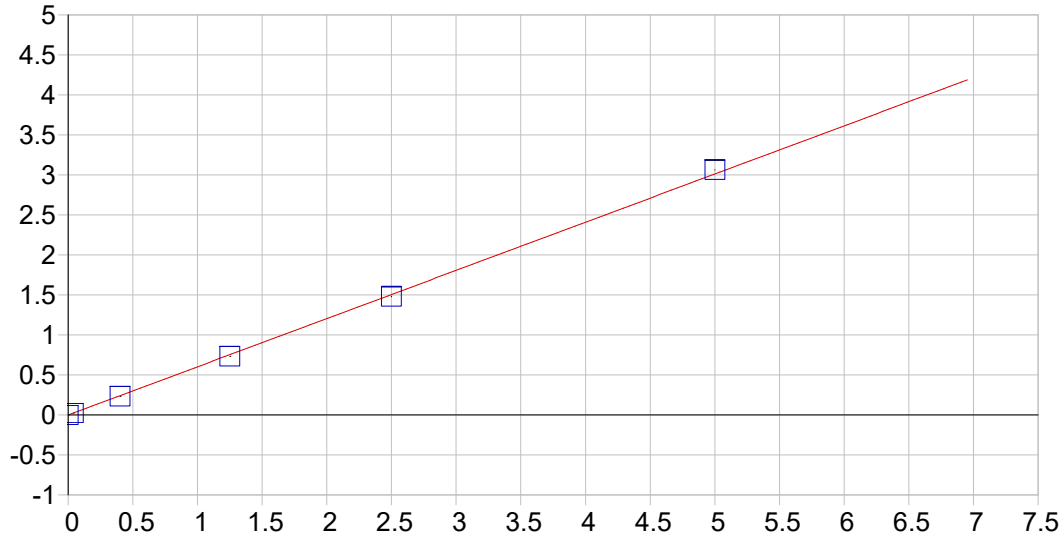

**Mg 279.079 {121}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000093 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.011541 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999920 | Status: | OK. |
| Std Error of Est: | 0.000077 | | |
| Predicted MDL: | 0.025707 | | |
| Predicted MQL: | 0.085691 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00013 | -.000 | .000 | .00009 | .000 | 1 |
| S2 | 4.0000 | 3.9973 | -.003 | -.067 | .04623 | .000 | 1 |
| S3 | 12.500 | 12.395 | -.105 | -.844 | .14314 | .001 | 1 |
| S4 | 25.000 | 24.791 | -.209 | -.835 | .28621 | .001 | 1 |
| S5 | 50.000 | 50.163 | .163 | .327 | .57904 | .002 | 1 |
| S1 | 2.0000 | 2.1534 | .153 | 7.67 | .02495 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



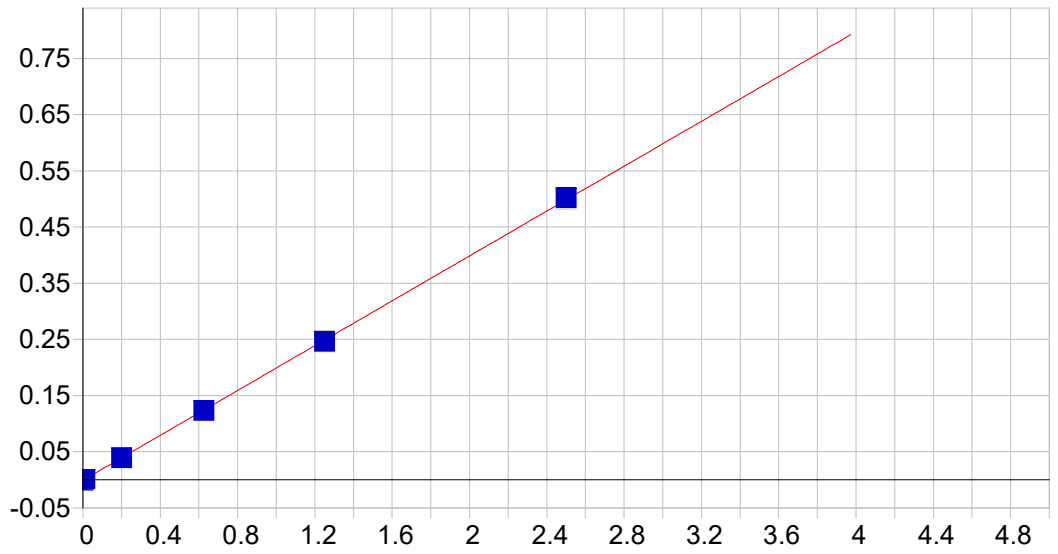

**Ni 231.604 {446}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000497 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.602308 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999812 | Status: | OK. |
| Std Error of Est: | 0.000274 | | |
| Predicted MDL: | 0.000330 | | |
| Predicted MQL: | 0.001099 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00049 | .000 | 1 |
| S1 | .04000 | .03934 | -.001 | -1.66 | .02320 | .000 | 1 |
| S3 | 1.2500 | 1.2186 | -.031 | -2.51 | .73348 | .000 | 1 |
| S4 | 2.5000 | 2.4597 | -.040 | -1.61 | 1.4810 | .003 | 1 |
| S5 | 5.0000 | 5.0866 | .087 | 1.73 | 3.0632 | .002 | 1 |
| S2 | .40000 | .38572 | -.014 | -3.57 | .23182 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



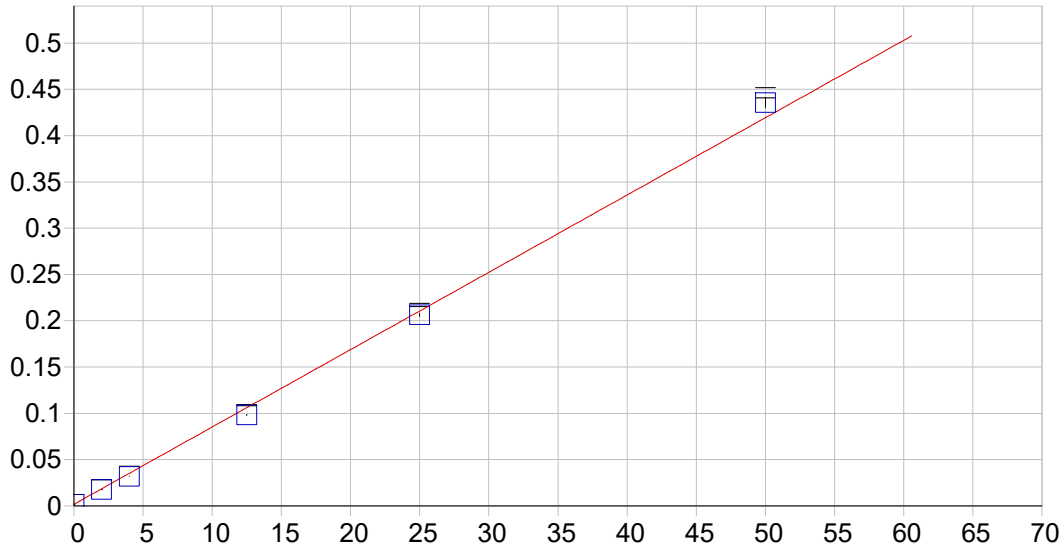

**Ag 328.068 {103}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000760 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.199696 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999969 | Status: | OK. |
| Std Error of Est: | 0.000013 | | |
| Predicted MDL: | 0.000500 | | |
| Predicted MQL: | 0.001667 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00076 | .000 | 1 |
| S1 | .01000 | .01007 | .000 | .690 | .00123 | .000 | 1 |
| S3 | .62500 | .62077 | -.004 | -.677 | .12260 | .000 | 1 |
| S4 | 1.2500 | 1.2371 | -.013 | -1.03 | .24507 | .000 | 1 |
| S5 | 2.5000 | 2.5173 | .017 | .691 | .49951 | .001 | 1 |
| S2 | .20000 | .19981 | -.000 | -.094 | .03895 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



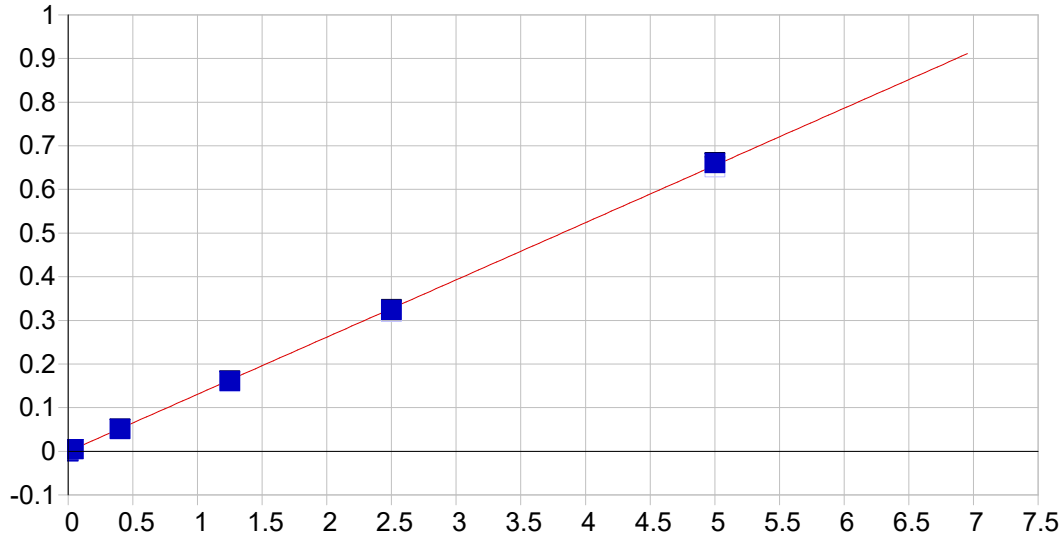

**Na 589.592 { 57}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001771 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.008353 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998919 | Status: | OK. |
| Std Error of Est: | 0.000206 | | |
| Predicted MDL: | 0.016728 | | |
| Predicted MQL: | 0.055760 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00042 | .000 | .000 | .00177 | .000 | 1 |
| S2 | 4.0000 | 3.6159 | -.384 | -9.60 | .03197 | .000 | 1 |
| S3 | 12.500 | 11.543 | -.957 | -7.66 | .09818 | .001 | 1 |
| S4 | 25.000 | 24.502 | -.498 | -1.99 | .20642 | .002 | 1 |
| S5 | 50.000 | 51.950 | 1.95 | 3.90 | .43569 | .005 | 1 |
| S1 | 2.0000 | 1.8892 | -.111 | -5.54 | .01755 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



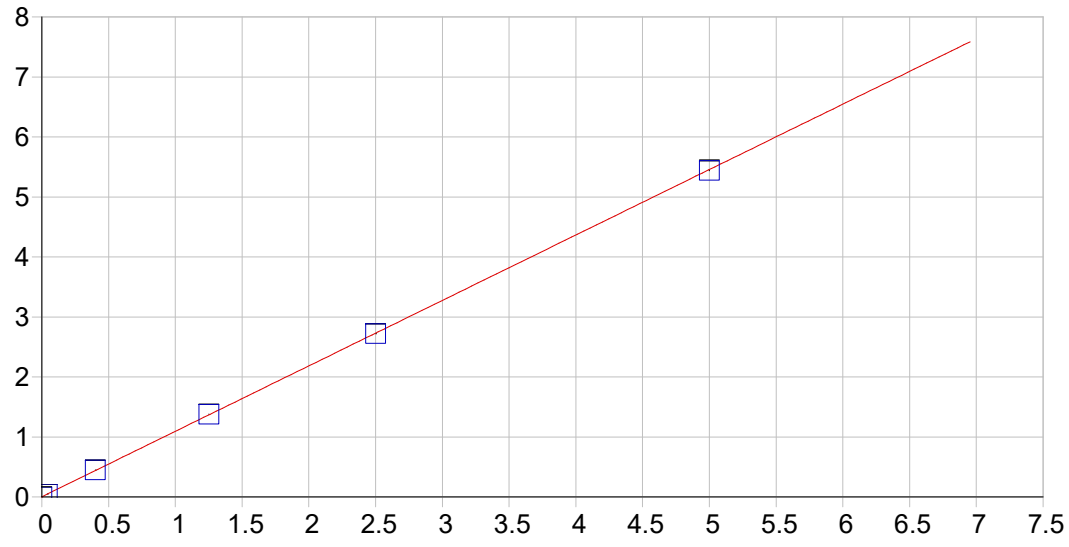

**V 292.402 {115}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000567 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.131121 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999930 | Status: | OK. |
| Std Error of Est: | 0.000036 | | |
| Predicted MDL: | 0.002671 | | |
| Predicted MQL: | 0.008904 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00057 | .000 | 1 |
| S1 | .04000 | .04344 | .003 | 8.61 | .00493 | .000 | 1 |
| S3 | 1.2500 | 1.2334 | -.017 | -1.33 | .15877 | .000 | 1 |
| S4 | 2.5000 | 2.4758 | -.024 | -.966 | .31929 | .001 | 1 |
| S5 | 5.0000 | 5.0441 | .044 | .883 | .65127 | .001 | 1 |
| S2 | .40000 | .39326 | -.007 | -1.69 | .05023 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



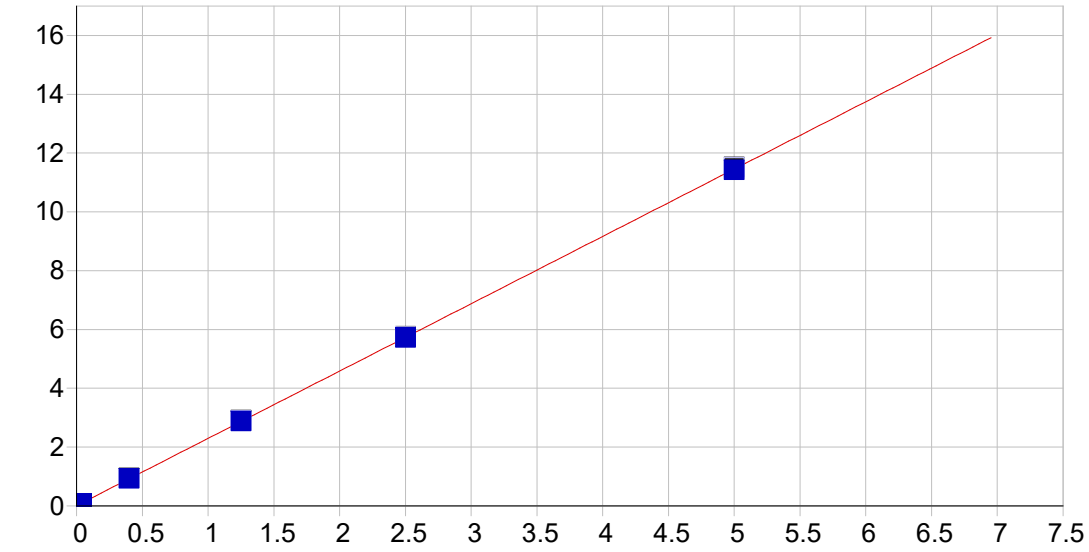

**Zn 206.200 {464}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002551 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.090652 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999981 | Status: | OK. |
| Std Error of Est: | 0.000156 | | |
| Predicted MDL: | 0.000141 | | |
| Predicted MQL: | 0.000470 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00255 | .000 | 1 |
| S1 | .04000 | .04079 | .001 | 1.99 | .04704 | .000 | 1 |
| S3 | 1.2500 | 1.2613 | .011 | .906 | 1.3782 | .001 | 1 |
| S4 | 2.5000 | 2.4918 | -.008 | -.328 | 2.7202 | .001 | 1 |
| S5 | 5.0000 | 4.9879 | -.012 | -.242 | 5.4426 | .007 | 1 |
| S2 | .40000 | .40821 | .008 | 2.05 | .44777 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



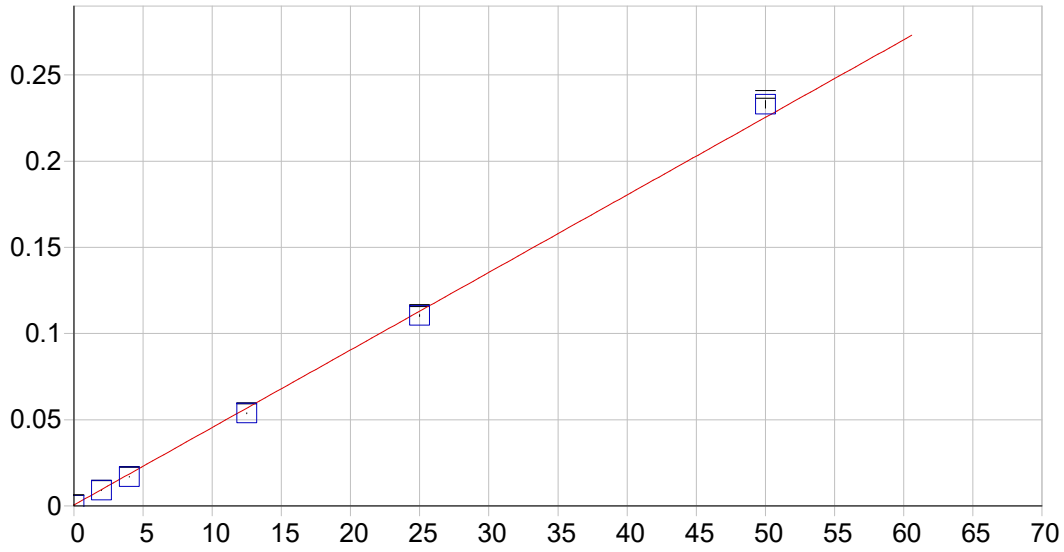

**Zn 213.856 {158}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.006729 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.289723 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999992 | Status: | OK. |
| Std Error of Est: | 0.000221 | | |
| Predicted MDL: | 0.000238 | | |
| Predicted MQL: | 0.000793 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00673 | .000 | 1 |
| S1 | .04000 | .04074 | .001 | 1.85 | .10065 | .001 | 1 |
| S3 | 1.2500 | 1.2584 | .008 | .673 | 2.9081 | .011 | 1 |
| S4 | 2.5000 | 2.4959 | -.004 | -.164 | 5.7615 | .011 | 1 |
| S5 | 5.0000 | 4.9901 | -.010 | -.198 | 11.512 | .018 | 1 |
| S2 | .40000 | .40485 | .005 | 1.21 | .94010 | .003 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



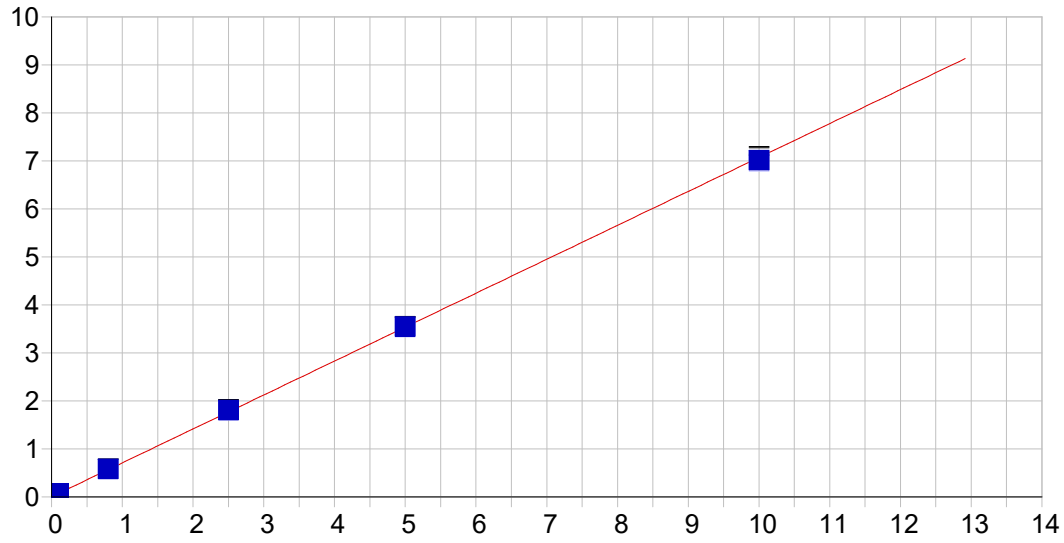

**K 766.490 { 44}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000534 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.004498 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999234 | Status: | OK. |
| Std Error of Est: | 0.000093 | | |
| Predicted MDL: | 0.037470 | | |
| Predicted MQL: | 0.124899 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00037 | .000 | .000 | .00054 | .000 | 1 |
| S2 | 4.0000 | 3.6367 | -.363 | -9.08 | .01689 | .000 | 1 |
| S3 | 12.500 | 11.835 | -.665 | -5.32 | .05376 | .000 | 1 |
| S4 | 25.000 | 24.440 | -.560 | -2.24 | .11045 | .001 | 1 |
| S5 | 50.000 | 51.691 | 1.69 | 3.38 | .23302 | .002 | 1 |
| S1 | 2.0000 | 1.8976 | -.102 | -5.12 | .00907 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



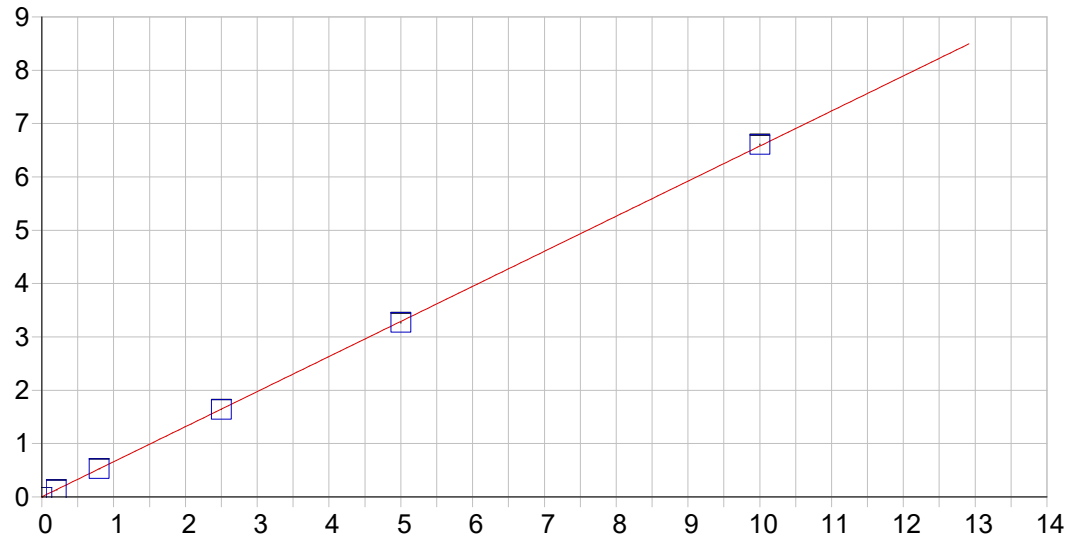

**B 249.678 {135}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002531 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.706876 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999937 | Status: | OK. |
| Std Error of Est: | 0.000414 | | |
| Predicted MDL: | 0.000716 | | |
| Predicted MQL: | 0.002386 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00253 | .000 | 1 |
| S1 | .10000 | .10218 | .002 | 2.18 | .07434 | .000 | 1 |
| S3 | 2.5000 | 2.5549 | .055 | 2.20 | 1.8021 | .010 | 1 |
| S4 | 5.0000 | 5.0111 | .011 | .221 | 3.5320 | .006 | 1 |
| S5 | 10.000 | 9.9161 | -.084 | -.839 | 6.9865 | .081 | 1 |
| S2 | .80000 | .81580 | .016 | 1.97 | .57716 | .006 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



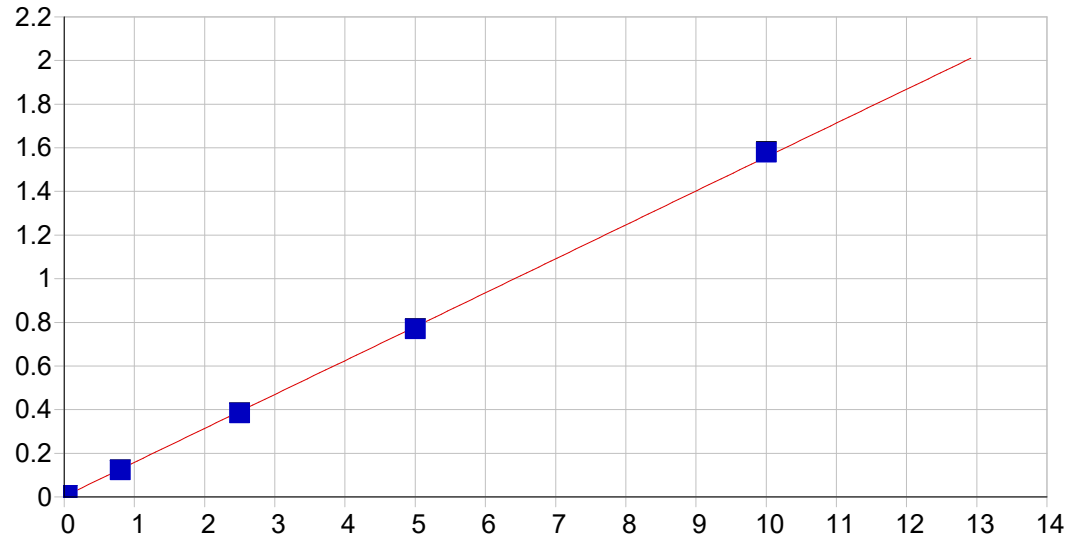

**Mo 202.030 {467}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000553 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.657844 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999988 | Status: | OK. |
| Std Error of Est: | 0.000238 | | |
| Predicted MDL: | 0.000246 | | |
| Predicted MQL: | 0.000821 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00055 | .000 | 1 |
| S1 | .20000 | .20271 | .003 | 1.35 | .13390 | .000 | 1 |
| S3 | 2.5000 | 2.4911 | -.009 | -.356 | 1.6393 | .002 | 1 |
| S4 | 5.0000 | 4.9672 | -.033 | -.656 | 3.2682 | .010 | 1 |
| S5 | 10.000 | 10.039 | .039 | .392 | 6.6048 | .013 | 1 |
| S2 | .80000 | .79977 | -.000 | -.028 | .52668 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



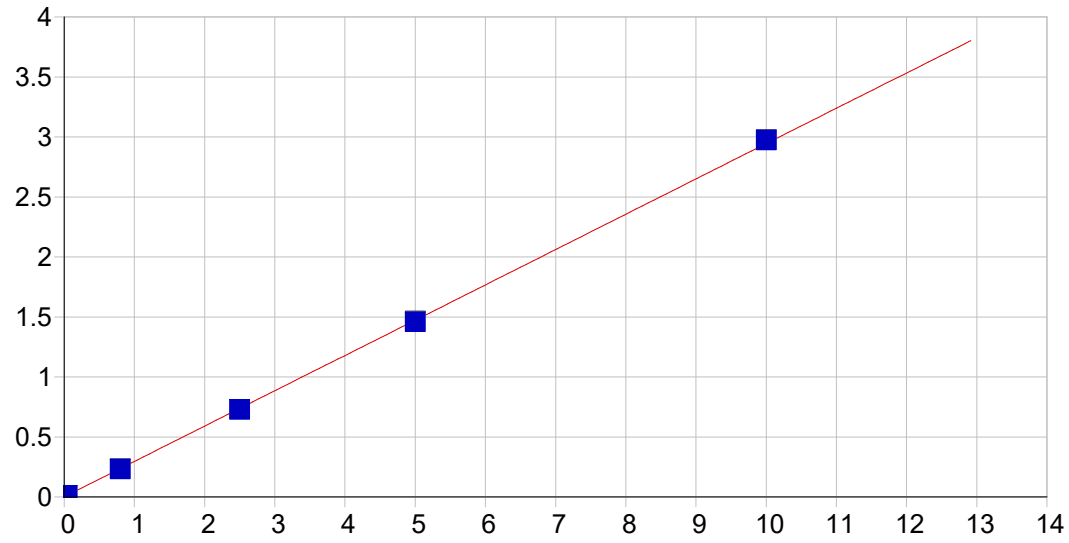

**Sn 189.989 {478}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002779 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.155472 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999865 | Status: | OK. |
| Std Error of Est: | 0.000085 | | |
| Predicted MDL: | 0.000580 | | |
| Predicted MQL: | 0.001935 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .00278 | .000 | 1 |
| S1 | .04000 | .03566 | -.004 | -10.9 | .00832 | .000 | 1 |
| S3 | 2.5000 | 2.4574 | -.043 | -1.71 | .38443 | .000 | 1 |
| S4 | 5.0000 | 4.9328 | -.067 | -1.34 | .76889 | .001 | 1 |
| S5 | 10.000 | 10.141 | .141 | 1.41 | 1.5778 | .003 | 1 |
| S2 | .80000 | .77358 | -.026 | -3.30 | .12292 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



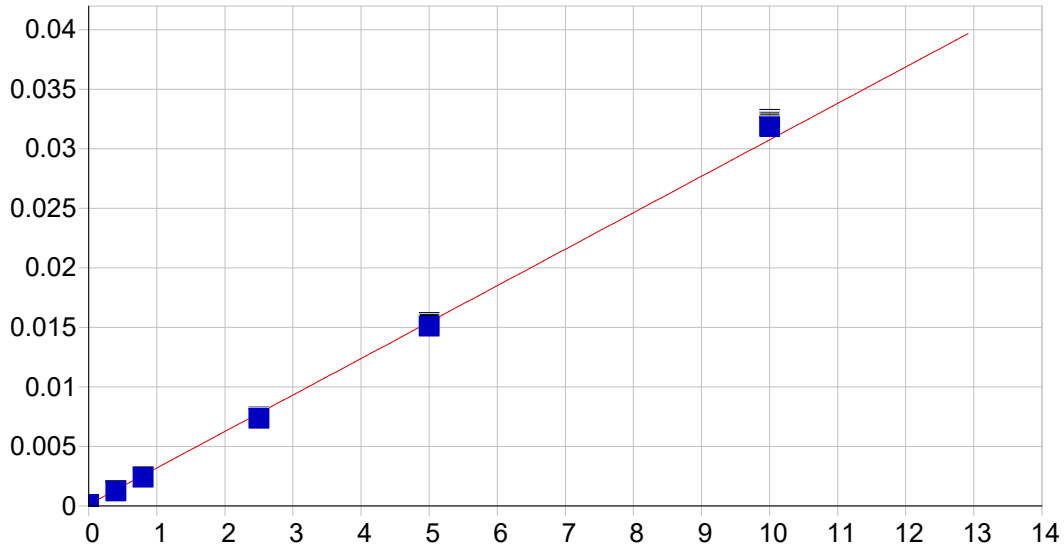

**Ti 336.121 {100}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001423 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.294263 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999932 | Status: | OK. |
| Std Error of Est: | 0.000114 | | |
| Predicted MDL: | 0.001529 | | |
| Predicted MQL: | 0.005097 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00142 | .000 | 1 |
| S1 | .04000 | .03790 | -.002 | -5.25 | .01257 | .000 | 1 |
| S3 | 2.5000 | 2.4673 | -.033 | -1.31 | .72718 | .000 | 1 |
| S4 | 5.0000 | 4.9501 | -.050 | -.998 | 1.4575 | .005 | 1 |
| S5 | 10.000 | 10.103 | .103 | 1.03 | 2.9732 | .000 | 1 |
| S2 | .80000 | .78202 | -.018 | -2.25 | .23146 | .001 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



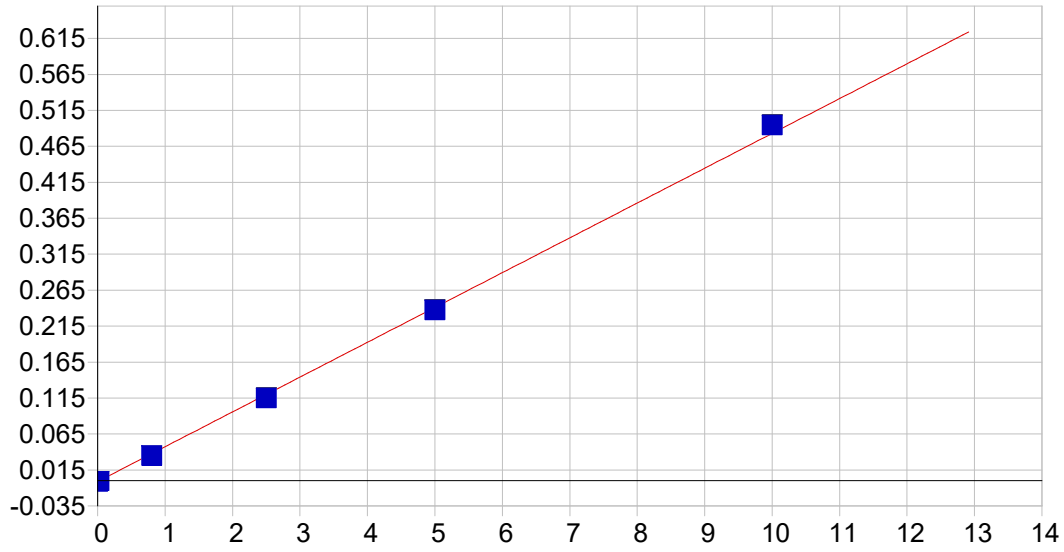

**Si 288.158 {117}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000127 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.003063 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999136 | Status: | OK. |
| Std Error of Est: | 0.000014 | | |
| Predicted MDL: | 0.011970 | | |
| Predicted MQL: | 0.039900 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00009 | .000 | .000 | .00013 | .000 | 1 |
| S1 | .40000 | .35894 | -.041 | -10.3 | .00123 | .000 | 1 |
| S3 | 2.5000 | 2.3532 | -.147 | -5.87 | .00745 | .000 | 1 |
| S4 | 5.0000 | 4.8858 | -.114 | -2.28 | .01532 | .000 | 1 |
| S5 | 10.000 | 10.363 | .363 | 3.63 | .03233 | .000 | 1 |
| S2 | .80000 | .73882 | -.061 | -7.65 | .00243 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



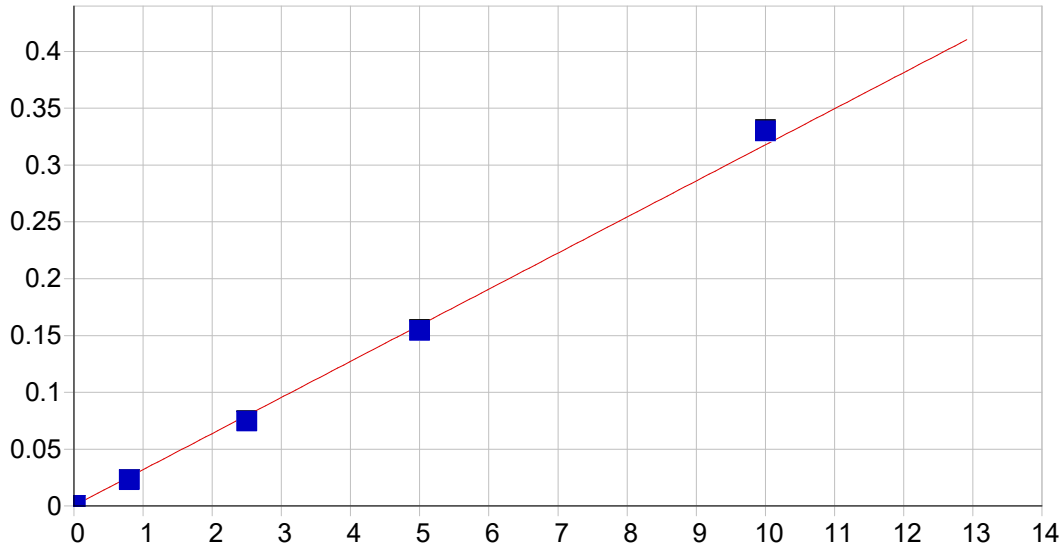

**P 177.495 {490}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001117 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.048404 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999565 | Status: | OK. |
| Std Error of Est: | 0.000033 | | |
| Predicted MDL: | 0.001558 | | |
| Predicted MQL: | 0.005193 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | -.00112 | .000 | 1 |
| S1 | .02000 | .01654 | -.003 | -17.3 | -.00032 | .000 | 1 |
| S3 | 2.5000 | 2.3954 | -.105 | -4.19 | .11481 | .000 | 1 |
| S4 | 5.0000 | 4.9292 | -.071 | -1.42 | .23744 | .001 | 1 |
| S5 | 10.000 | 10.238 | .238 | 2.38 | .49435 | .001 | 1 |
| S2 | .80000 | .74122 | -.059 | -7.35 | .03475 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



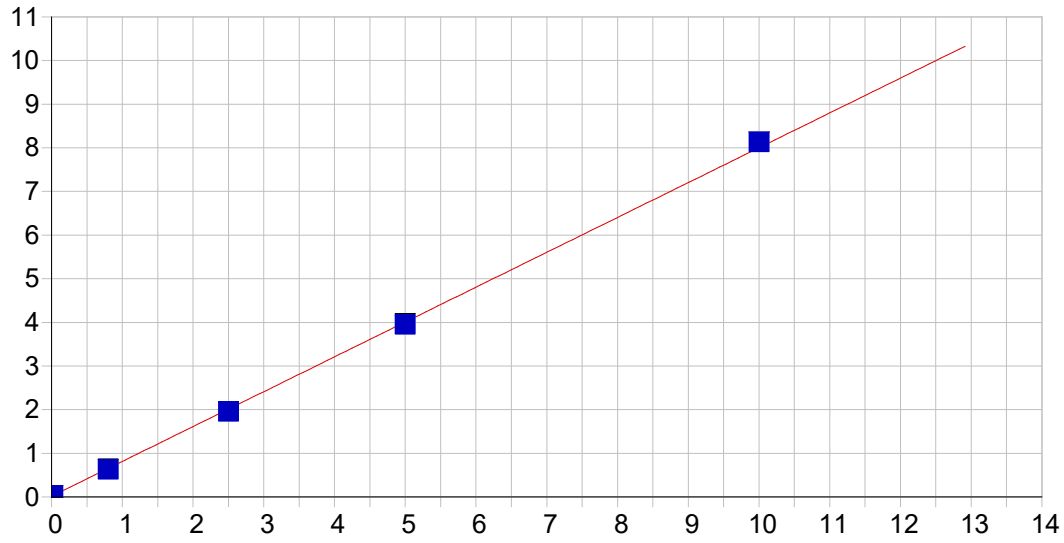

**S 182.034 {485}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000180 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.031767 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998977 | Status: | OK. |
| Std Error of Est: | 0.000034 | | |
| Predicted MDL: | 0.002598 | | |
| Predicted MQL: | 0.008659 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00018 | .000 | 1 |
| S1 | .02000 | .01932 | -.001 | -3.41 | .00077 | .000 | 1 |
| S3 | 2.5000 | 2.3411 | -.159 | -6.36 | .07434 | .000 | 1 |
| S4 | 5.0000 | 4.8578 | -.142 | -2.84 | .15409 | .001 | 1 |
| S5 | 10.000 | 10.384 | .384 | 3.84 | .32922 | .001 | 1 |
| S2 | .80000 | .71790 | -.082 | -10.3 | .02292 | .000 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



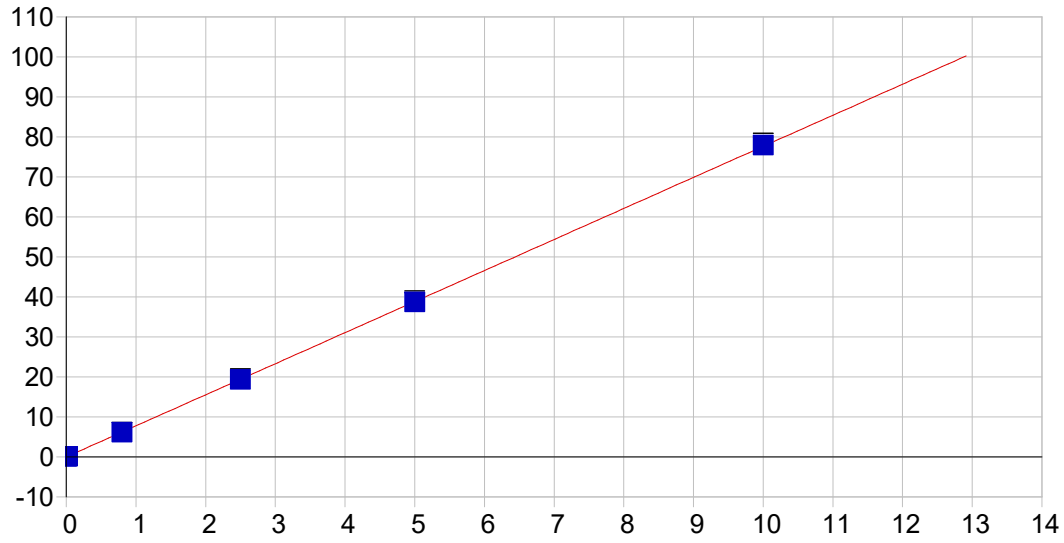

**Li 670.784 { 50}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.015049 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.798600 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999800 | Status: | OK. |
| Std Error of Est: | 0.000375 | | |
| Predicted MDL: | 0.001808 | | |
| Predicted MQL: | 0.006028 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .01505 | .001 | 1 |
| S5 | 10.000 | 10.168 | .168 | 1.68 | 8.1417 | .004 | 1 |
| S4 | 5.0000 | 4.9299 | -.070 | -1.40 | 3.9553 | .019 | 1 |
| S3 | 2.5000 | 2.4328 | -.067 | -2.69 | 1.9595 | .001 | 1 |
| S1 | .02000 | .01587 | -.004 | -20.6 | .02800 | .001 | 1 |
| S2 | .80000 | .77343 | -.027 | -3.32 | .63322 | .003 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898



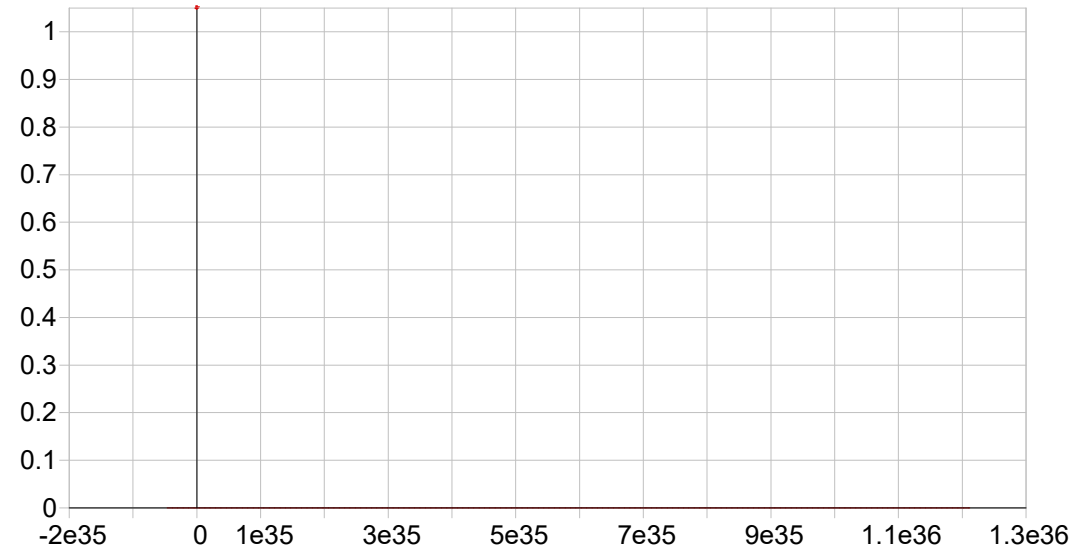

**Sr 407.771 { 83}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 13:04:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000116 | Re-Slope: | 1.000000 |
| A1 (Gain): | 7.764139 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999991 | Status: | OK. |
| Std Error of Est: | 0.000771 | | |
| Predicted MDL: | 0.000098 | | |
| Predicted MQL: | 0.000327 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00011 | .000 | 1 |
| S1 | .02000 | .01979 | -.000 | -1.07 | .15424 | .001 | 1 |
| S3 | 2.5000 | 2.4935 | -.007 | -.261 | 19.378 | .176 | 1 |
| S4 | 5.0000 | 4.9855 | -.014 | -.289 | 38.745 | .255 | 1 |
| S5 | 10.000 | 10.033 | .033 | .326 | 77.969 | .484 | 1 |
| S2 | .80000 | .78864 | -.011 | -1.42 | 6.1289 | .024 | 1 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

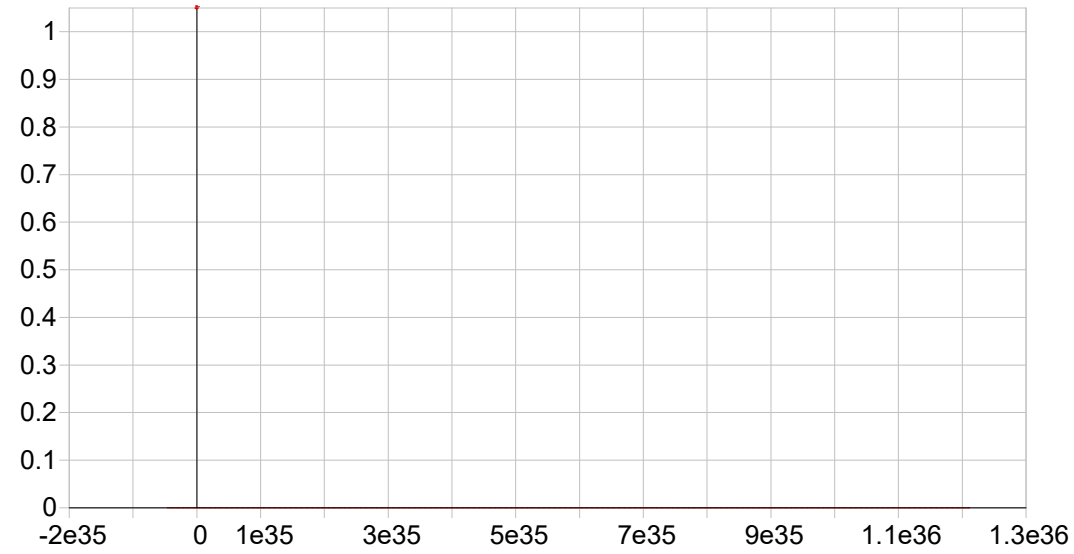



**Y 224.306 {450}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/20/2025 12:36:45 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.000000 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.000000 | Status: | Warning Zero Gain |
| Std Error of Est: | 0.000000 | | |
| Predicted MDL: | n/a | | |
| Predicted MQL: | n/a | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|




**Y 360.073 { 94}***

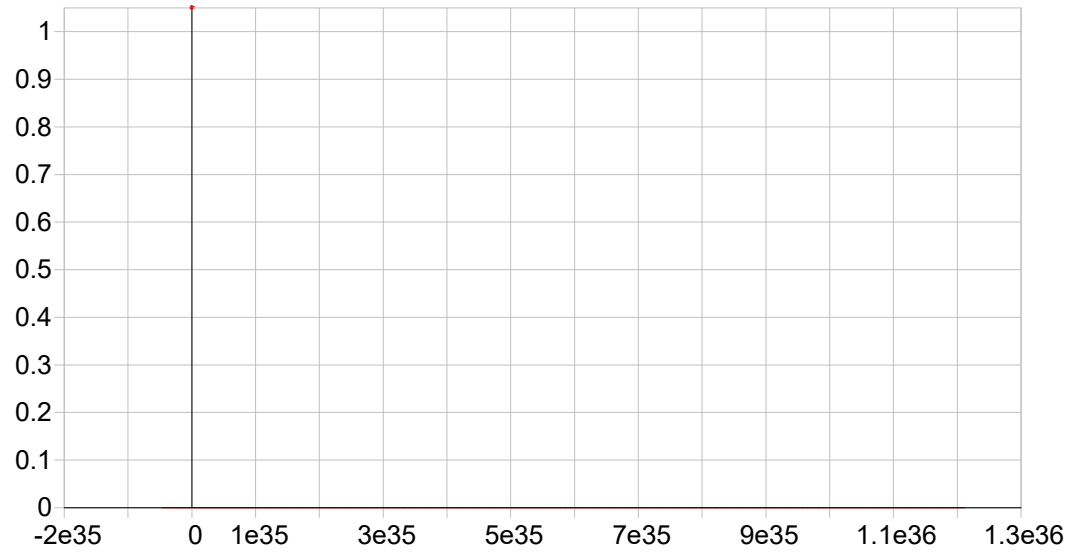
| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.000000 | Y-int: | 0.000000 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

| | | | | | | |
|---|---|---|---|---|---|---|
| A2 (Curvature): | 0.000000 | | | | | |
| n (Exponent): | 1.000000 | | | | | |
| Correlation: | 0.000000 | | Status: | Warning | Zero Gain | |
| Std Error of Est: | 0.000000 | | | | | |
| Predicted MDL: | n/a | | | | | |
| Predicted MQL: | n/a | | | | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|

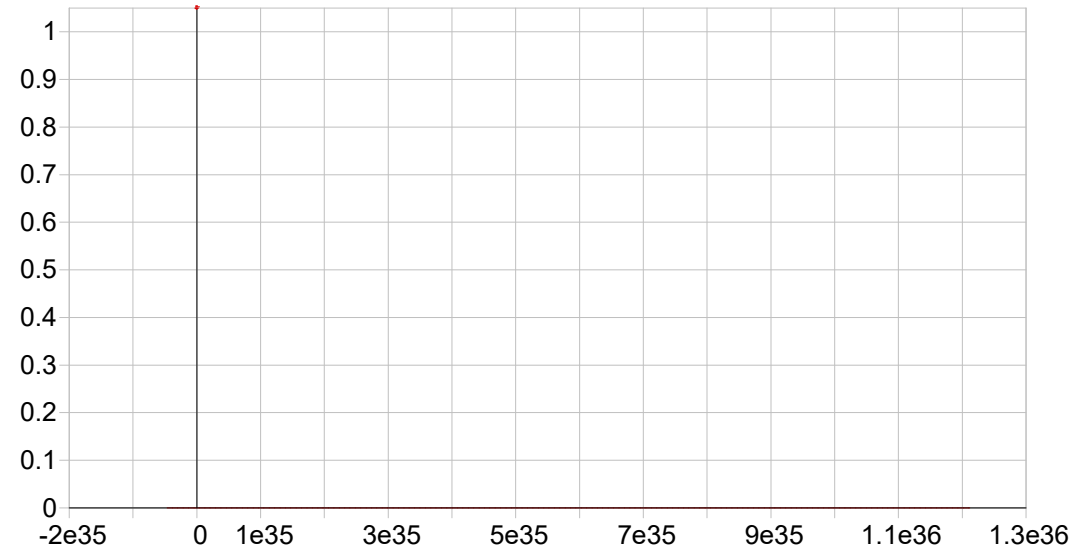



**Y 371.030 { 91}***

| | | | | | | |
|---|---|---|---|---|---|---|
| Date of Fit: | <not fit> | | Type of Fit: | Linear | Weighting: | 1/Conc |
| A0 (Offset): | | 0.000000 | | Re-Slope: | 1.000000 | |
| A1 (Gain): | | 0.000000 | | Y-int: | 0.000000 | |
| A2 (Curvature): | | 0.000000 | | | | |
| n (Exponent): | | 1.000000 | | | | |
| Correlation: | | 0.000000 | | Status: | Warning | Zero Gain |
| Std Error of Est: | | 0.000000 | | | | |
| Predicted MDL: | | n/a | | | | |
| Predicted MQL: | | n/a | | | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|

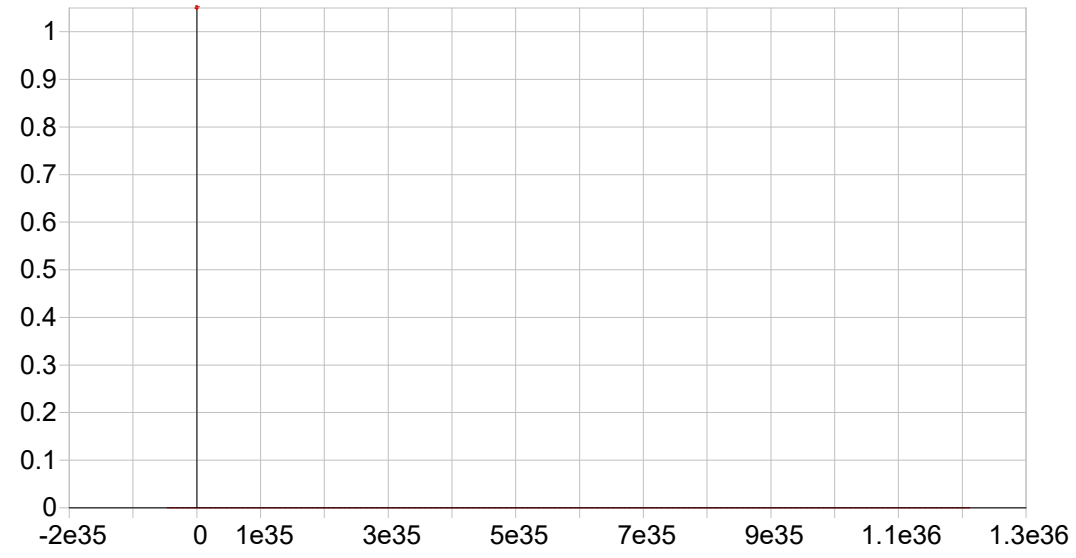
Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898




**Y 224.306 {150}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000 | | Re-Slope: | 1.000000 | |
| A1 (Gain): | 0.000000 | | Y-int: | 0.000000 | |
| A2 (Curvature): | 0.000000 | | | | |
| n (Exponent): | 1.000000 | | | | |
| Correlation: | 0.000000 | | Status: | Warning | Zero Gain |
| Std Error of Est: | 0.000000 | | | | |
| Predicted MDL: | n/a | | | | |
| Predicted MQL: | n/a | | | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|




**In 230.606 {446}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000 | | Re-Slope: | 1.000000 | |
| A1 (Gain): | 0.000000 | | Y-int: | 0.000000 | |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A2 (Curvature): | | 0.000000 | | | | | |
| n (Exponent): | | 1.000000 | | | | | |
| Correlation: | | 0.000000 | | Status: | Warning | Zero Gain | |
| Std Error of Est: | | 0.000000 | | | | | |
| Predicted MDL: | | n/a | | | | | |
| Predicted MQL: | | n/a | | | | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S0 Acquired: 8/20/2025 12:38:48 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **-.00013** | **.00040** | **.00002** | **.00039** | **.00058** | **.00081** | **.07693** | **-.00107** |
| Stddev | .00008 | .00001 | .00007 | .00006 | .00010 | .00015 | .00168 | .00010 |
| %RSD | 60.388 | 2.2998 | 311.73 | 15.475 | 17.431 | 18.474 | 2.1875 | 9.5596 |
| #1 | -.00005 | .00041 | .00003 | .00032 | .00070 | .00067 | .07816 | -.00115 |
| #2 | -.00014 | .00041 | .00009 | .00043 | .00053 | .00097 | .07501 | -.00096 |
| #3 | -.00020 | .00039 | -.00005 | .00042 | .00051 | .00081 | .07761 | -.00110 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **-.00044** | **.00147** | **.00028** | **.00004** | **.00051** | **.00004** | **.00016** | **.00009** |
| Stddev | .00016 | .00055 | .00004 | .00022 | .00013 | .00003 | .00022 | .00014 |
| %RSD | 36.062 | 37.213 | 14.390 | 538.51 | 26.640 | 70.542 | 131.87 | 147.08 |
| #1 | -.00062 | .00087 | .00028 | -.00021 | .00035 | .00007 | .00041 | .00024 |
| #2 | -.00036 | .00161 | .00024 | .00015 | .00060 | .00001 | .00001 | -.00003 |
| #3 | -.00034 | .00194 | .00032 | .00019 | .00056 | .00005 | .00007 | .00007 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **-.00049** | **-.00076** | **.00177** | **-.00057** | **.00673** | **.00054** | **.00253** | **.00055** |
| Stddev | .00015 | .00008 | .00007 | .00013 | .00018 | .00019 | .00008 | .00008 |
| %RSD | 31.085 | 10.266 | 4.0198 | 23.332 | 2.7392 | 34.950 | 3.1769 | 14.516 |
| #1 | -.00033 | -.00085 | .00185 | -.00052 | .00653 | .00060 | .00244 | .00057 |
| #2 | -.00063 | -.00070 | .00172 | -.00072 | .00689 | .00032 | .00255 | .00062 |
| #3 | -.00053 | -.00073 | .00175 | -.00046 | .00676 | .00068 | .00259 | .00046 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.00278** | **.00142** | **.00013** | **-.00112** | **.00018** | **.01505** | **-.00011** |
| Stddev | .00013 | .00047 | .00002 | .00008 | .00010 | .00052 | .00025 |
| %RSD | 4.8420 | 32.875 | 14.234 | 7.1108 | 57.111 | 3.4843 | 224.70 |
| #1 | .00271 | .00127 | .00011 | -.00114 | .00024 | .01564 | -.00012 |
| #2 | .00269 | .00105 | .00014 | -.00118 | .00024 | .01464 | -.00036 |
| #3 | .00294 | .00195 | .00013 | -.00103 | .00006 | .01487 | .00014 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S0 Acquired: 8/20/2025 12:38:48 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6256.0 | 107060. | 10471. | 4891.9 | 7868.1 |
| Stddev | 11.4 | 156. | 38. | 2.7 | 2.0 |
| %RSD | .18205 | .14572 | .36071 | .05620 | .02491 |
| #1 | 6258.4 | 107010. | 10460. | 4890.6 | 7870.2 |
| #2 | 6265.9 | 106930. | 10440. | 4890.1 | 7866.4 |
| #3 | 6243.5 | 107240. | 10513. | 4895.1 | 7867.8 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S1 Acquired: 8/20/2025 12:43:11 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.00094** | **.00408** | **.00226** | **.00129** | **.00513** | **.00956** | **.30808** | **.04259** |
| Stddev | .00000 | .00005 | .00010 | .00009 | .00005 | .00068 | .00204 | .00032 |
| %RSD | .39114 | 1.2908 | 4.5381 | 6.7381 | 1.0657 | 7.1080 | .66320 | .75609 |
| #1 | .00094 | .00405 | .00232 | .00121 | .00514 | .01012 | .30594 | .04294 |
| #2 | .00094 | .00406 | .00231 | .00138 | .00507 | .00881 | .30830 | .04230 |
| #3 | .00095 | .00414 | .00214 | .00128 | .00517 | .00976 | .31001 | .04255 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.01683** | **.11919** | **.00219** | **.03014** | **.01386** | **.00036** | **.00934** | **.02495** |
| Stddev | .00014 | .00013 | .00005 | .00014 | .00016 | .00001 | .00029 | .00003 |
| %RSD | .81582 | .11044 | 2.3671 | .45375 | 1.1687 | 2.1638 | 3.1363 | .13914 |
| #1 | .01698 | .11904 | .00223 | .03029 | .01389 | .00035 | .00900 | .02494 |
| #2 | .01679 | .11929 | .00213 | .03010 | .01369 | .00036 | .00950 | .02492 |
| #3 | .01672 | .11924 | .00221 | .03003 | .01401 | .00037 | .00951 | .02499 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.02320** | **.00123** | **.01755** | **.00493** | **.10065** | **.00907** | **.07434** | **.13390** |
| Stddev | .00006 | .00011 | .00007 | .00007 | .00078 | .00008 | .00038 | .00026 |
| %RSD | .24518 | 8.5252 | .41613 | 1.5133 | .77800 | .92000 | .51331 | .19167 |
| #1 | .02326 | .00115 | .01750 | .00485 | .10076 | .00898 | .07440 | .13374 |
| #2 | .02314 | .00135 | .01752 | .00499 | .09982 | .00915 | .07469 | .13377 |
| #3 | .02319 | .00120 | .01763 | .00496 | .10137 | .00907 | .07393 | .13420 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.00832** | **.01257** | **.00123** | **-.00032** | **.00077** | **.02800** | **.15424** |
| Stddev | .00012 | .00019 | .00005 | .00006 | .00004 | .00102 | .00056 |
| %RSD | 1.4615 | 1.5266 | 4.2022 | 18.894 | 5.8318 | 3.6505 | .36262 |
| #1 | .00818 | .01272 | .00124 | -.00025 | .00071 | .02728 | .15430 |
| #2 | .00842 | .01235 | .00117 | -.00036 | .00079 | .02756 | .15478 |
| #3 | .00835 | .01263 | .00127 | -.00034 | .00080 | .02917 | .15366 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S1 Acquired: 8/20/2025 12:43:11 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6288.6 | 103260. | 10558. | 4846.4 | 7760.8 |
| Stddev | 5.5 | 41. | 9. | 8.1 | 4.2 |
| %RSD | .08681 | .04013 | .08575 | .16767 | .05425 |
| #1 | 6292.9 | 103260. | 10552. | 4855.8 | 7758.2 |
| #2 | 6290.6 | 103300. | 10554. | 4842.5 | 7765.6 |
| #3 | 6282.5 | 103210. | 10569. | 4841.0 | 7758.5 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S2 Acquired: 8/20/2025 12:47:33 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.03930** | **.07217** | **.15382** | **.03733** | **.07366** | **.12339** | **3.7209** | **.28081** |
| Stddev | .00012 | .00056 | .00043 | .00004 | .00014 | .00038 | .0167 | .00296 |
| %RSD | .31377 | .77381 | .27987 | .11783 | .18701 | .30783 | .44967 | 1.0543 |
| #1 | .03945 | .07186 | .15346 | .03729 | .07366 | .12295 | 3.7020 | .27871 |
| #2 | .03925 | .07184 | .15371 | .03732 | .07379 | .12356 | 3.7339 | .28420 |
| #3 | .03922 | .07282 | .15430 | .03737 | .07352 | .12365 | 3.7267 | .27953 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **1.1409** | **.23121** | **.03160** | **.39760** | **.13072** | **.00256** | **.16801** | **.04623** |
| Stddev | .0011 | .00083 | .00013 | .00053 | .00036 | .00003 | .00058 | .00030 |
| %RSD | .09387 | .35801 | .41697 | .13338 | .27835 | 1.0021 | .34439 | .64684 |
| #1 | 1.1397 | .23214 | .03164 | .39748 | .13112 | .00258 | .16735 | .04588 |
| #2 | 1.1416 | .23094 | .03172 | .39818 | .13041 | .00253 | .16844 | .04641 |
| #3 | 1.1415 | .23056 | .03146 | .39714 | .13063 | .00258 | .16825 | .04639 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.23182** | **.03895** | **.03197** | **.05023** | **.94010** | **.01689** | **.57716** | **.52668** |
| Stddev | .00042 | .00008 | .00024 | .00030 | .00303 | .00010 | .00554 | .00043 |
| %RSD | .18110 | .20615 | .74421 | .60279 | .32236 | .59621 | .96001 | .08215 |
| #1 | .23134 | .03893 | .03193 | .05033 | .94220 | .01678 | .57455 | .52696 |
| #2 | .23203 | .03888 | .03176 | .05048 | .94148 | .01690 | .58352 | .52618 |
| #3 | .23210 | .03904 | .03223 | .04989 | .93663 | .01699 | .57340 | .52690 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.12292** | **.23146** | **.00243** | **.03475** | **.02292** | **.63322** | **6.1289** |
| Stddev | .00021 | .00117 | .00002 | .00016 | .00006 | .00258 | .0238 |
| %RSD | .16682 | .50355 | .66322 | .45917 | .25294 | .40703 | .38838 |
| #1 | .12316 | .23014 | .00241 | .03486 | .02287 | .63027 | 6.1043 |
| #2 | .12283 | .23188 | .00244 | .03457 | .02298 | .63502 | 6.1518 |
| #3 | .12278 | .23236 | .00243 | .03483 | .02291 | .63438 | 6.1307 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S2 Acquired: 8/20/2025 12:47:33 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6221.8 | 106160. | 10665. | 4878.6 | 7568.0 |
| Stddev | 7.9 | 243. | 88. | 24.0 | 4.3 |
| %RSD | .12652 | .22849 | .82897 | .49157 | .05644 |
| #1 | 6213.6 | 105880. | 10714. | 4862.9 | 7566.9 |
| #2 | 6222.5 | 106270. | 10563. | 4866.6 | 7564.4 |
| #3 | 6229.3 | 106320. | 10718. | 4906.2 | 7572.7 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S3 Acquired: 8/20/2025 12:51:37 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .12414 | .22406 | .48257 | .11724 | .23036 | .38434 | 11.699 | .88093 |
| Stddev | .00036 | .00246 | .00067 | .00036 | .00053 | .00133 | .028 | .00269 |
| %RSD | .28659 | 1.0998 | .13841 | .30712 | .22821 | .34724 | .24005 | .30565 |
| #1 | .12430 | .22378 | .48334 | .11735 | .23043 | .38500 | 11.715 | .88279 |
| #2 | .12373 | .22175 | .48224 | .11684 | .22981 | .38280 | 11.715 | .87784 |
| #3 | .12438 | .22666 | .48213 | .11754 | .23085 | .38521 | 11.667 | .88216 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3.6437 | .71845 | .09798 | 1.2598 | .40395 | .00809 | .52626 | .14314 |
| Stddev | .0010 | .00267 | .00047 | .0011 | .00060 | .00009 | .00062 | .00104 |
| %RSD | .02891 | .37094 | .48285 | .08543 | .14838 | 1.1123 | .11784 | .72381 |
| #1 | 3.6429 | .71875 | .09751 | 1.2596 | .40463 | .00804 | .52696 | .14288 |
| #2 | 3.6433 | .71565 | .09846 | 1.2588 | .40351 | .00820 | .52605 | .14226 |
| #3 | 3.6449 | .72096 | .09797 | 1.2609 | .40370 | .00804 | .52577 | .14428 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .73348 | .12260 | .09818 | .15877 | 2.9081 | .05376 | 1.8021 | 1.6393 |
| Stddev | .00026 | .00027 | .00065 | .00010 | .0107 | .00024 | .0102 | .0018 |
| %RSD | .03526 | .22014 | .66446 | .06017 | .36846 | .45132 | .56690 | .10917 |
| #1 | .73321 | .12289 | .09771 | .15871 | 2.9199 | .05358 | 1.8066 | 1.6386 |
| #2 | .73351 | .12236 | .09893 | .15872 | 2.8991 | .05404 | 1.7905 | 1.6380 |
| #3 | .73372 | .12255 | .09791 | .15888 | 2.9052 | .05367 | 1.8094 | 1.6414 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .38443 | .72718 | .00745 | .11481 | .07434 | 1.9595 | 19.378 |
| Stddev | .00037 | .00035 | .00003 | .00044 | .00031 | .0010 | .176 |
| %RSD | .09605 | .04848 | .38465 | .38389 | .41730 | .04964 | .90983 |
| #1 | .38401 | .72758 | .00742 | .11461 | .07411 | 1.9606 | 19.370 |
| #2 | .38471 | .72692 | .00747 | .11450 | .07422 | 1.9587 | 19.206 |
| #3 | .38458 | .72704 | .00747 | .11531 | .07470 | 1.9591 | 19.558 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S3 Acquired: 8/20/2025 12:51:37 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6120.5 | 104150. | 10584. | 4786.4 | 7247.1 |
| Stddev | 10.3 | 362. | 66. | 7.8 | 14.3 |
| %RSD | .16844 | .34724 | .62212 | .16357 | .19774 |
| #1 | 6132.4 | 104540. | 10585. | 4782.8 | 7263.6 |
| #2 | 6113.7 | 104070. | 10650. | 4781.1 | 7238.7 |
| #3 | 6115.5 | 103830. | 10518. | 4795.4 | 7238.9 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S4 Acquired: 8/20/2025 12:55:41 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .25145 | .43732 | .96767 | .23625 | .46452 | .76953 | 23.236 | 1.7040 |
| Stddev | .00083 | .00391 | .00213 | .00095 | .00260 | .00055 | .119 | .0061 |
| %RSD | .32844 | .89314 | .21965 | .40153 | .55869 | .07175 | .51294 | .35888 |
| #1 | .25085 | .43646 | .96522 | .23574 | .46213 | .76994 | 23.342 | 1.7006 |
| #2 | .25110 | .43391 | .96874 | .23566 | .46417 | .76976 | 23.107 | 1.7111 |
| #3 | .25239 | .44158 | .96905 | .23734 | .46728 | .76890 | 23.259 | 1.7005 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7.3832 | 1.4225 | .19269 | 2.5508 | .79873 | .01650 | 1.0441 | .28621 |
| Stddev | .0078 | .0008 | .00060 | .0049 | .00159 | .00007 | .0069 | .00069 |
| %RSD | .10507 | .05922 | .31132 | .19226 | .19935 | .44395 | .66183 | .24262 |
| #1 | 7.3755 | 1.4226 | .19226 | 2.5461 | .79720 | .01647 | 1.0414 | .28617 |
| #2 | 7.3831 | 1.4234 | .19338 | 2.5505 | .79859 | .01644 | 1.0389 | .28693 |
| #3 | 7.3910 | 1.4217 | .19244 | 2.5559 | .80038 | .01658 | 1.0519 | .28554 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.4810 | .24507 | .20642 | .31929 | 5.7615 | .11045 | 3.5320 | 3.2682 |
| Stddev | .0033 | .00030 | .00169 | .00109 | .0105 | .00060 | .0063 | .0097 |
| %RSD | .22215 | .12081 | .81671 | .34022 | .18285 | .54704 | .17821 | .29687 |
| #1 | 1.4780 | .24473 | .20579 | .31868 | 5.7734 | .11025 | 3.5247 | 3.2604 |
| #2 | 1.4806 | .24524 | .20515 | .32054 | 5.7578 | .10998 | 3.5358 | 3.2651 |
| #3 | 1.4845 | .24523 | .20834 | .31864 | 5.7533 | .11113 | 3.5354 | 3.2791 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .76889 | 1.4575 | .01532 | .23744 | .15409 | 3.9553 | 38.745 |
| Stddev | .00140 | .0053 | .00008 | .00058 | .00075 | .0191 | .255 |
| %RSD | .18244 | .36647 | .53672 | .24260 | .48750 | .48184 | .65902 |
| #1 | .76729 | 1.4552 | .01524 | .23698 | .15389 | 3.9498 | 38.461 |
| #2 | .76954 | 1.4537 | .01532 | .23725 | .15346 | 3.9395 | 38.955 |
| #3 | .76986 | 1.4636 | .01541 | .23808 | .15492 | 3.9765 | 38.820 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S4 Acquired: 8/20/2025 12:55:41 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6038.0** | **104170.** | **10843.** | **4728.7** | **7004.4** |
| Stddev | 13.1 | 183. | 29. | 12.1 | 13.4 |
| %RSD | .21639 | .17548 | .27071 | .25494 | .19064 |
| | | | | | |
| #1 | 6053.0 | 104220. | 10840. | 4719.8 | 7019.8 |
| #2 | 6032.3 | 103970. | 10815. | 4723.9 | 6997.4 |
| #3 | 6028.8 | 104320. | 10873. | 4742.4 | 6996.0 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S5 Acquired: 8/20/2025 12:59:53 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **.51440** | **.89195** | **2.0068** | **.48032** | **.94694** | **1.5664** | **47.963** | **3.3616** |
| Stddev | .00118 | .01179 | .0021 | .00097 | .00245 | .0039 | .583 | .0350 |
| %RSD | .22869 | 1.3215 | .10465 | .20148 | .25913 | .24684 | 1.2147 | 1.0398 |
| #1 | .51492 | .90555 | 2.0086 | .48062 | .94543 | 1.5627 | 47.593 | 3.3327 |
| #2 | .51305 | .88467 | 2.0073 | .47924 | .94561 | 1.5661 | 47.663 | 3.3518 |
| #3 | .51522 | .88563 | 2.0044 | .48111 | .94977 | 1.5704 | 48.635 | 3.4005 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **15.248** | **2.8704** | **.38611** | **5.2914** | **1.6053** | **.03423** | **2.1026** | **.57904** |
| Stddev | .014 | .0051 | .00139 | .0014 | .0011 | .00034 | .0021 | .00219 |
| %RSD | .08958 | .17630 | .35932 | .02658 | .07045 | .99373 | .10192 | .37833 |
| #1 | 15.263 | 2.8657 | .38754 | 5.2924 | 1.6049 | .03451 | 2.1002 | .57738 |
| #2 | 15.246 | 2.8697 | .38478 | 5.2920 | 1.6045 | .03433 | 2.1041 | .57821 |
| #3 | 15.235 | 2.8757 | .38600 | 5.2898 | 1.6066 | .03385 | 2.1035 | .58152 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **3.0632** | **.49951** | **.43569** | **.65127** | **11.512** | **.23302** | **6.9865** | **6.6048** |
| Stddev | .0016 | .00065 | .00549 | .00123 | .018 | .00219 | .0812 | .0128 |
| %RSD | .05236 | .12928 | 1.2603 | .18928 | .15411 | .93845 | 1.1621 | .19441 |
| #1 | 3.0647 | .49982 | .44012 | .65012 | 11.532 | .23460 | 6.9058 | 6.6047 |
| #2 | 3.0634 | .49877 | .43740 | .65111 | 11.507 | .23393 | 6.9854 | 6.5920 |
| #3 | 3.0615 | .49994 | .42955 | .65257 | 11.498 | .23052 | 7.0682 | 6.6177 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **1.5778** | **2.9732** | **.03233** | **.49435** | **.32922** | **8.1417** | **77.969** |
| Stddev | .0030 | .0002 | .00015 | .00054 | .00122 | .0036 | .484 |
| %RSD | .18799 | .00661 | .47217 | .10999 | .36967 | .04467 | .62037 |
| #1 | 1.5811 | 2.9732 | .03244 | .49496 | .33051 | 8.1404 | 78.517 |
| #2 | 1.5767 | 2.9730 | .03239 | .49393 | .32810 | 8.1458 | 77.601 |
| #3 | 1.5755 | 2.9734 | .03216 | .49415 | .32905 | 8.1388 | 77.789 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: S5 Acquired: 8/20/2025 12:59:53 Type: Cal
Method: 6010-200.7 NEW(v122) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **5897.1** | **102290.** | **10903.** | **4616.5** | **6637.0** |
| Stddev | 7.6 | 279. | 86. | 22.0 | 10.8 |
| %RSD | .12859 | .27238 | .78778 | .47731 | .16217 |
| | | | | | |
| #1 | 5893.3 | 101980. | 10979. | 4593.7 | 6624.8 |
| #2 | 5905.9 | 102360. | 10921. | 4617.9 | 6641.0 |
| #3 | 5892.2 | 102520. | 10810. | 4637.7 | 6645.2 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICV01 Acquired: 8/20/2025 13:04:03 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **3.950731** | **3.920598** | **3.974574** | **3.988234** | **4.062391** | **7.804015** |
| Stddev | .012953 | .025265 | .001029 | .006994 | .003972 | .018181 |
| %RSD | .3278645 | .6444272 | .0258883 | .1753772 | .0977785 | .2329716 |
| #1 | 3.963563 | 3.949437 | 3.974273 | 3.995734 | 4.064701 | 7.783229 |
| #2 | 3.937660 | 3.902360 | 3.975720 | 3.981888 | 4.057804 | 7.811854 |
| #3 | 3.950970 | 3.909997 | 3.973730 | 3.987081 | 4.064667 | 7.816962 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **7.744888** | **.2172733** | **1.956807** | **19.40919** | **.8087891** | **1.973282** |
| Stddev | .085747 | .0017318 | .000969 | .09296 | .0014401 | .001584 |
| %RSD | 1.107147 | .7970799 | .0495091 | .4789259 | .1780562 | .0802600 |
| #1 | 7.657758 | .2167542 | 1.955755 | 19.31665 | .8099856 | 1.971475 |
| #2 | 7.829182 | .2158603 | 1.957006 | 19.40838 | .8091909 | 1.973940 |
| #3 | 7.747724 | .2192053 | 1.957661 | 19.50255 | .8071908 | 1.974430 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.010912** | **3.974810** | **1.946811** | **19.35609** | **1.970252** | **1.012755** |
| Stddev | .001531 | .019732 | .008587 | .10116 | .002545 | .001388 |
| %RSD | .1514003 | .4964357 | .4410961 | .5226034 | .1291902 | .1370900 |
| #1 | 1.011530 | 3.966218 | 1.939272 | 19.28622 | 1.967386 | 1.013667 |
| #2 | 1.012038 | 3.997382 | 1.945002 | 19.30995 | 1.971121 | 1.011157 |
| #3 | 1.009170 | 3.960830 | 1.956159 | 19.47208 | 1.972249 | 1.013441 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **18.90335** | **1.944991** | **2.011997** | **19.55215** | **4.067550** | **4.022571** |
| Stddev | .07866 | .006542 | .003451 | .08650 | .034637 | .002428 |
| %RSD | .4161237 | .3363651 | .1715026 | .4423855 | .8515486 | .0603651 |
| #1 | 18.89300 | 1.937590 | 2.011575 | 19.51031 | 4.057411 | 4.023661 |
| #2 | 18.98668 | 1.947382 | 2.015639 | 19.65161 | 4.039113 | 4.019789 |
| #3 | 18.83038 | 1.950002 | 2.008776 | 19.49453 | 4.106125 | 4.024263 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICV01 Acquired: 8/20/2025 13:04:03 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **3.945727** | **3.903723** | **3.974838** | F **.0057284** | F **.0245904** | F **-.006851** |
| Stddev | .004362 | .016584 | .011996 | .0013709 | .0036556 | .000496 |
| %RSD | .1105399 | .4248305 | .3018079 | 23.93233 | 14.86599 | 7.234621 |
| #1 | 3.943969 | 3.886660 | 3.973836 | .0054845 | .0277725 | -.006961 |
| #2 | 3.942518 | 3.904726 | 3.987303 | .0072049 | .0254012 | -.006309 |
| #3 | 3.950693 | 3.919783 | 3.963373 | .0044957 | .0205974 | -.007282 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F **-.003297** |
| Stddev | .000055 |
| %RSD | 1.671764 |
| #1 | -.003290 |
| #2 | -.003356 |
| #3 | -.003246 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6202.883** | **105390.3** | **11232.78** | **4807.705** | **7286.035** |
| Stddev | 4.773 | 200.8 | 74.19 | 23.017 | 5.314 |
| %RSD | .0769476 | .1904876 | .6604819 | .4787460 | .0729272 |
| #1 | 6201.303 | 105499.5 | 11288.17 | 4828.098 | 7291.296 |
| #2 | 6199.100 | 105158.6 | 11261.67 | 4782.749 | 7280.670 |
| #3 | 6208.246 | 105512.8 | 11148.48 | 4812.269 | 7286.138 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: LLICV01 Acquired: 8/20/2025 13:17:31 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0200107** | **.0411097** | **.0119706** | **.0212397** | **.0492522** | **.1053737** |
| Stddev | .0022923 | .0005427 | .0005698 | .0018497 | .0003157 | .0038232 |
| %RSD | 11.45525 | 1.320225 | 4.759637 | 8.708558 | .6409471 | 3.628226 |
| #1 | .0174006 | .0417152 | .0114279 | .0191933 | .0488979 | .1033249 |
| #2 | .0216966 | .0409471 | .0119198 | .0217335 | .0495035 | .1030115 |
| #3 | .0209348 | .0406669 | .0125641 | .0227924 | .0493553 | .1097847 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0976588** | **.0061540** | **.0056018** | **2.047333** | **.0097031** | **.0286729** |
| Stddev | .0014044 | .0000792 | .0001158 | .016194 | .0001417 | .0001689 |
| %RSD | 1.438090 | 1.287239 | 2.067117 | .7909659 | 1.459822 | .5892104 |
| #1 | .0973850 | .0061359 | .0055195 | 2.065112 | .0095396 | .0284834 |
| #2 | .0964115 | .0060854 | .0057342 | 2.033426 | .0097897 | .0287277 |
| #3 | .0991800 | .0062407 | .0055515 | 2.043461 | .0097799 | .0288078 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0207980** | **.1033674** | **.0218540** | **2.155935** | **.0390527** | **.0103994** |
| Stddev | .0001176 | .0057768 | .0002935 | .031849 | .0000175 | .0006435 |
| %RSD | .5656076 | 5.588596 | 1.342902 | 1.477270 | .0447705 | 6.187764 |
| #1 | .0207209 | .1083285 | .0221143 | 2.185223 | .0390485 | .0111424 |
| #2 | .0207397 | .0970253 | .0219117 | 2.160552 | .0390719 | .0100291 |
| #3 | .0209334 | .1047484 | .0215360 | 2.122030 | .0390377 | .0100267 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.909510** | **.0426471** | **.0411891** | **1.869549** | **.1064304** | **.2031291** |
| Stddev | .022319 | .0008816 | .0002913 | .019244 | .0008663 | .0003000 |
| %RSD | 1.168850 | 2.067308 | .7072536 | 1.029333 | .8139810 | .1476951 |
| #1 | 1.917715 | .0419069 | .0414481 | 1.849539 | .1061721 | .2030183 |
| #2 | 1.926566 | .0424120 | .0408737 | 1.871184 | .1057226 | .2034688 |
| #3 | 1.884250 | .0436225 | .0412456 | 1.887923 | .1073965 | .2029003 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: LLICV01 Acquired: 8/20/2025 13:17:31 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0355182 | .0388954 | .3711363 | .0189682 | .0193628 | F .0134595 |
| Stddev | .0002852 | .0007959 | .0097743 | .0007702 | .0010373 | .0013635 |
| %RSD | .8029484 | 2.046203 | 2.633615 | 4.060685 | 5.357171 | 10.13007 |
| #1 | .0353767 | .0391426 | .3701338 | .0181532 | .0181688 | .0144424 |
| #2 | .0353314 | .0380052 | .3813732 | .0190674 | .0198776 | .0119029 |
| #3 | .0358465 | .0395383 | .3619019 | .0196840 | .0200420 | .0140331 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0200263 |
| Stddev | .0000728 |
| %RSD | .3636608 |
| #1 | .0200747 |
| #2 | .0200617 |
| #3 | .0199426 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6386.956 | 108649.9 | 11292.05 | 4961.248 | 7967.511 |
| Stddev | 6.732 | 417.8 | 46.30 | 29.767 | 5.108 |
| %RSD | .1054091 | .3844988 | .4100346 | .5999900 | .0641129 |
| #1 | 6387.811 | 108791.1 | 11329.07 | 4995.144 | 7965.509 |
| #2 | 6379.837 | 108179.8 | 11306.95 | 4949.235 | 7973.317 |
| #3 | 6393.220 | 108978.7 | 11240.14 | 4939.364 | 7963.707 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICB01 Acquired: 8/20/2025 13:21:46 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000166** | **-.000089** | **.0010528** | **-.001771** | **-.000082** | **.0029640** | **-.002077** |
| Stddev | .001607 | .000744 | .0008031 | .002630 | .001076 | .0049400 | .000893 |
| %RSD | 970.2941 | 836.9244 | 76.28670 | 148.4820 | 1315.732 | 166.6676 | 42.99912 |
| #1 | -.001397 | -.000740 | .0016527 | -.001202 | .001155 | .0042995 | -.003105 |
| #2 | .001653 | -.000249 | .0013653 | -.004639 | -.000800 | .0070989 | -.001501 |
| #3 | -.000752 | .000722 | .0001404 | .000527 | -.000601 | -.002506 | -.001624 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000046** | **-.000020** | **.0016710** | **-.000547** | **-.000009** | **-.000258** | **-.007395** |
| Stddev | .000018 | .000070 | .0045873 | .000348 | .000152 | .000191 | .001356 |
| %RSD | 38.66540 | 360.5021 | 274.5153 | 63.59398 | 1655.631 | 74.06555 | 18.33697 |
| #1 | -.000027 | -.000055 | -.000861 | -.000655 | .000135 | -.000143 | -.008960 |
| #2 | -.000063 | .000062 | .006966 | -.000827 | .000006 | -.000153 | -.006621 |
| #3 | -.000047 | -.000066 | -.001092 | -.000158 | -.000169 | -.000479 | -.006603 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0004335** | **-.006360** | **.0000091** | **.0000255** | **-.035463** | **.0036999** | **-.000755** |
| Stddev | .0002584 | .017742 | .0002647 | .0002194 | .004277 | .0016218 | .000094 |
| %RSD | 59.60625 | 278.9611 | 2899.825 | 859.9056 | 12.05975 | 43.83429 | 12.39713 |
| #1 | .0002802 | -.020922 | -.000171 | -.000150 | -.038845 | .0055710 | -.000650 |
| #2 | .0007319 | -.011558 | .000313 | .000271 | -.036888 | .0028322 | -.000831 |
| #3 | .0002885 | .013400 | -.000115 | -.000045 | -.030655 | .0026966 | -.000783 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.105212** | **.0040936** | **-.000076** | **-.001627** | **-.000604** | **-.003766** | **.0001058** |
| Stddev | .009079 | .0005114 | .000135 | .000398 | .000727 | .009187 | .0003945 |
| %RSD | 8.628946 | 12.49187 | 178.4348 | 24.48537 | 120.3116 | 243.9477 | 373.0690 |
| #1 | -.104829 | .0041891 | -.000149 | -.001313 | -.000693 | .006554 | .0002912 |
| #2 | -.096331 | .0035412 | .000080 | -.001493 | .000163 | -.011051 | .0003734 |
| #3 | -.114476 | .0045505 | -.000159 | -.002075 | -.001282 | -.006801 | -.000347 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICB01 Acquired: 8/20/2025 13:21:46 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000476 | -.008176 | .0000061 |
| Stddev | .000687 | .000607 | .0000470 |
| %RSD | 144.2895 | 7.429008 | 772.1921 |
| #1 | .000280 | -.007867 | -.000038 |
| #2 | -.001062 | -.008876 | .000000 |
| #3 | -.000646 | -.007785 | .000056 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6347.340 | 109311.0 | 11227.89 | 4920.485 | 8061.962 |
| Stddev | 7.405 | 151.8 | 65.78 | 13.718 | 4.808 |
| %RSD | .1166621 | .1388490 | .5858550 | .2787954 | .0596417 |
| #1 | 6355.068 | 109446.6 | 11292.41 | 4924.738 | 8061.489 |
| #2 | 6340.307 | 109339.4 | 11230.34 | 4931.573 | 8066.990 |
| #3 | 6346.645 | 109147.0 | 11160.92 | 4905.144 | 8057.408 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CRI01 Acquired: 8/20/2025 13:26:14 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0213815** | **.0432944** | **.0124471** | **.0217557** | **.0505973** | **.0979956** |
| Stddev | .0011286 | .0011525 | .0003071 | .0016274 | .0008812 | .0116763 |
| %RSD | 5.278342 | 2.661938 | 2.467198 | 7.480298 | 1.741571 | 11.91511 |
| #1 | .0205293 | .0446159 | .0126638 | .0228905 | .0514821 | .0845914 |
| #2 | .0226615 | .0427694 | .0125819 | .0198912 | .0505900 | .1034396 |
| #3 | .0209538 | .0424979 | .0120957 | .0224854 | .0497198 | .1059557 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0981940** | **.0063008** | **.0057193** | **2.052222** | **.0098876** | **.0291382** |
| Stddev | .0007610 | .0000480 | .0000854 | .003652 | .0002277 | .0000107 |
| %RSD | .7750146 | .7619377 | 1.492893 | .1779316 | 2.302493 | .0366701 |
| #1 | .0973223 | .0063105 | .0057666 | 2.056267 | .0101063 | .0291282 |
| #2 | .0987260 | .0062487 | .0056208 | 2.051228 | .0099045 | .0291370 |
| #3 | .0985337 | .0063432 | .0057706 | 2.049169 | .0096519 | .0291494 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0208905** | **.0952394** | **.0218861** | **2.161923** | **.0393962** | **.0099478** |
| Stddev | .0002241 | .0053007 | .0002632 | .015644 | .0000495 | .0001713 |
| %RSD | 1.072782 | 5.565644 | 1.202503 | .7236194 | .1256376 | 1.721661 |
| #1 | .0211436 | .0891191 | .0221872 | 2.144475 | .0393594 | .0097504 |
| #2 | .0208103 | .0983600 | .0217000 | 2.174697 | .0394525 | .0100360 |
| #3 | .0207175 | .0982391 | .0217710 | 2.166598 | .0393767 | .0100570 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.913876** | **.0426488** | **.0414916** | **1.830847** | **.1039878** | **.2052171** |
| Stddev | .027515 | .0011267 | .0003169 | .017310 | .0003659 | .0006594 |
| %RSD | 1.437661 | 2.641855 | .7638961 | .9454402 | .3519016 | .3213038 |
| #1 | 1.945627 | .0416100 | .0417806 | 1.816906 | .1039925 | .2059771 |
| #2 | 1.898976 | .0424899 | .0411527 | 1.825414 | .1036196 | .2048772 |
| #3 | 1.897024 | .0438465 | .0415416 | 1.850221 | .1043514 | .2047971 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CRI01 Acquired: 8/20/2025 13:26:14 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0357864 | .0387948 | .3705346 | .0192278 | .0187247 | F .0135697 |
| Stddev | .0003665 | .0006269 | .0080232 | .0016092 | .0010086 | .0007256 |
| %RSD | 1.024224 | 1.616051 | 2.165312 | 8.369103 | 5.386356 | 5.347544 |
| #1 | .0355742 | .0380930 | .3612711 | .0182099 | .0176206 | .0143790 |
| #2 | .0362096 | .0392996 | .3752784 | .0210830 | .0189558 | .0133531 |
| #3 | .0355753 | .0389917 | .3750544 | .0183905 | .0195977 | .0129770 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0201501 |
| Stddev | .0000742 |
| %RSD | .3682824 |
| #1 | .0201371 |
| #2 | .0200833 |
| #3 | .0202300 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6335.484 | 107334.8 | 11198.77 | 4877.106 | 7900.565 |
| Stddev | 8.088 | 52.0 | 27.39 | 8.986 | 9.449 |
| %RSD | .1276570 | .0484224 | .2445436 | .1842535 | .1195961 |
| #1 | 6344.043 | 107292.2 | 11197.57 | 4866.742 | 7910.142 |
| #2 | 6334.440 | 107319.4 | 11226.74 | 4881.843 | 7900.303 |
| #3 | 6327.969 | 107392.7 | 11172.01 | 4882.733 | 7891.250 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICSA01 Acquired: 8/20/2025 13:30:28 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0107216 | -.003611 | -.003403 | -.000169 | -.001474 | 246.5307 |
| Stddev | .0004316 | .001265 | .002130 | .002652 | .001054 | .3989 |
| %RSD | 4.025648 | 35.02748 | 62.59588 | 1565.457 | 71.52046 | .1618055 |
| #1 | .0108416 | -.002430 | -.005770 | -.002209 | -.002684 | 246.6604 |
| #2 | .0102427 | -.003456 | -.001640 | -.001128 | -.000750 | 246.8486 |
| #3 | .0110805 | -.004945 | -.002799 | .002829 | -.000988 | 246.0831 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0018143 | .0015005 | .0023415 | 233.3394 | .0599638 | .0016905 |
| Stddev | .0008732 | .0001040 | .0001051 | .2845 | .0001321 | .0001875 |
| %RSD | 48.12966 | 6.929601 | 4.486729 | .1219164 | .2202745 | 11.08894 |
| #1 | .0010339 | .0015950 | .0024545 | 233.4850 | .0599354 | .0017910 |
| #2 | .0016517 | .0015174 | .0022468 | 233.5216 | .0598482 | .0014742 |
| #3 | .0027574 | .0013891 | .0023232 | 233.0116 | .0601077 | .0018061 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0046995 | 99.16501 | .0089009 | 248.6924 | .0061990 | .0020872 |
| Stddev | .0000193 | .43535 | .0002551 | .3369 | .0004365 | .0002045 |
| %RSD | .4112696 | .4390185 | 2.865629 | .1354769 | 7.041207 | 9.798253 |
| #1 | .0047191 | 99.01029 | .0091745 | 248.7741 | .0066729 | .0019076 |
| #2 | .0046805 | 98.82815 | .0086696 | 248.9809 | .0061110 | .0020443 |
| #3 | .0046990 | 99.65659 | .0088587 | 248.3221 | .0058133 | .0023098 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0740643 | .0050139 | .0019908 | .0847051 | .0514203 | .0009541 |
| Stddev | .0140620 | .0037738 | .0001134 | .0250065 | .0025518 | .0001798 |
| %RSD | 18.98616 | 75.26568 | 5.694587 | 29.52179 | 4.962550 | 18.84429 |
| #1 | .0643956 | .0042865 | .0019002 | .0623229 | .0516546 | .0007533 |
| #2 | .0676015 | .0090984 | .0019544 | .0800975 | .0487594 | .0011001 |
| #3 | .0901958 | .0016568 | .0021179 | .1116950 | .0538468 | .0010089 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICSA01 Acquired: 8/20/2025 13:30:28 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.004166 | -.005658 | .0189780 | .0076384 | -.009131 | F -.032952 |
| Stddev | .000469 | .000829 | .0028752 | .0010715 | .002754 | .000496 |
| %RSD | 11.26661 | 14.65115 | 15.15038 | 14.02788 | 30.16249 | 1.503871 |
| #1 | -.003852 | -.004764 | .0189357 | .0064145 | -.011709 | -.033471 |
| #2 | -.003940 | -.006401 | .0218741 | .0084074 | -.009455 | -.032900 |
| #3 | -.004705 | -.005810 | .0161241 | .0080935 | -.006229 | -.032484 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0019887 |
| Stddev | .0007777 |
| %RSD | 39.10438 |
| #1 | .0024173 |
| #2 | .0024577 |
| #3 | .0010910 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 5644.727 | 95345.32 | 10819.40 | 4366.562 | 6297.248 |
| Stddev | 8.228 | 63.48 | 43.27 | 6.059 | 8.715 |
| %RSD | .1457697 | .0665764 | .3998944 | .1387694 | .1383997 |
| #1 | 5637.158 | 95365.60 | 10814.66 | 4373.198 | 6287.246 |
| #2 | 5653.485 | 95396.18 | 10778.70 | 4361.324 | 6303.214 |
| #3 | 5643.537 | 95274.18 | 10864.84 | 4365.164 | 6301.282 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICSAB01 Acquired: 8/20/2025 13:34:39 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1085343** | **.0990293** | **.0384338** | **.0474153** | **.5870785** | **249.6700** |
| Stddev | .0013678 | .0026180 | .0016519 | .0005988 | .0017569 | .3746 |
| %RSD | 1.260256 | 2.643683 | 4.298047 | 1.262972 | .2992648 | .1500303 |
| #1 | .1089890 | .0984171 | .0365367 | .0467713 | .5867579 | 249.3455 |
| #2 | .1069970 | .1018991 | .0392106 | .0475194 | .5855039 | 249.5846 |
| #3 | .1096168 | .0967716 | .0395542 | .0479553 | .5889736 | 250.0799 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.4747686** | **.4818464** | **.9632126** | **235.7419** | **.5525261** | **.4842859** |
| Stddev | .0023796 | .0020221 | .0007682 | .6963 | .0016127 | .0009506 |
| %RSD | .5012041 | .4196467 | .0797541 | .2953645 | .2918739 | .1962857 |
| #1 | .4720303 | .4799381 | .9626167 | 235.0556 | .5507626 | .4838479 |
| #2 | .4759413 | .4816355 | .9629414 | 235.7222 | .5528900 | .4836333 |
| #3 | .4763343 | .4839656 | .9640796 | 236.4478 | .5539258 | .4853766 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.4747409** | **100.7582** | **.4760143** | **251.3987** | **.9640116** | **.2120207** |
| Stddev | .0010399 | .2690 | .0016252 | .5196 | .0009756 | .0003700 |
| %RSD | .2190497 | .2670058 | .3414127 | .2066654 | .1011997 | .1745308 |
| #1 | .4745463 | 100.4518 | .4744097 | 250.8823 | .9634459 | .2124457 |
| #2 | .4738121 | 100.9555 | .4776593 | 251.3924 | .9634508 | .2117703 |
| #3 | .4758644 | 100.8674 | .4759737 | 251.9213 | .9651381 | .2118461 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0271386** | **.4749297** | **1.024479** | **-.189415** | F **.0534853** | F **.0012380** |
| Stddev | .0112917 | .0022120 | .001557 | .048561 | .0011568 | .0001367 |
| %RSD | 41.60747 | .4657574 | .1519840 | 25.63735 | 2.162735 | 11.04160 |
| #1 | .0168923 | .4723859 | 1.022991 | -.144150 | .0540408 | .0011275 |
| #2 | .0392448 | .4760023 | 1.024349 | -.183386 | .0521556 | .0013909 |
| #3 | .0252787 | .4764010 | 1.026097 | -.240709 | .0542596 | .0011957 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICSAB01 Acquired: 8/20/2025 13:34:39 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F -.004788 | F -.007886 | F .0105158 | F .0096879 | F .0009868 | F -.035570 |
| Stddev | .000443 | .000624 | .0071533 | .0003182 | .0044355 | .001057 |
| %RSD | 9.257119 | 7.913767 | 68.02391 | 3.284411 | 449.5057 | 2.970692 |
| #1 | -.005250 | -.008142 | .0172925 | .0094155 | -.001178 | -.034888 |
| #2 | -.004366 | -.007175 | .0030377 | .0100376 | -.001950 | -.036787 |
| #3 | -.004749 | -.008341 | .0112172 | .0096105 | .006089 | -.035035 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .0011171 |
| Stddev | .0003300 |
| %RSD | 29.54104 |
| #1 | .0007538 |
| #2 | .0013982 |
| #3 | .0011992 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 5578.489 | 95302.34 | 10910.31 | 4331.233 | 6233.546 |
| Stddev | 8.370 | 220.61 | 39.72 | 19.860 | 7.291 |
| %RSD | .1500441 | .2314816 | .3640588 | .4585399 | .1169715 |
| #1 | 5575.347 | 95530.30 | 10949.61 | 4326.142 | 6234.966 |
| #2 | 5587.975 | 95286.81 | 10911.16 | 4353.144 | 6240.023 |
| #3 | 5572.144 | 95089.91 | 10870.18 | 4314.414 | 6225.649 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICSADLX20 Acquired: 8/20/2025 13:38:43 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0010520 | .0000161 | -.000096 | .0016678 | -.000214 | 11.86645 | -.001788 |
| Stddev | .0019184 | .0013632 | .000206 | .0020880 | .000791 | .01416 | .000837 |
| %RSD | 182.3610 | 8447.124 | 214.5676 | 125.2007 | 369.1609 | .1193592 | 46.78531 |
| #1 | .0030160 | -.000901 | .000078 | .0012021 | -.000689 | 11.87504 | -.000877 |
| #2 | .0009574 | -.000633 | -.000323 | .0039493 | .000698 | 11.85010 | -.001964 |
| #3 | -.000817 | .001583 | -.000043 | -.000148 | -.000652 | 11.87421 | -.002522 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001351 | .0001001 | 11.69763 | .0025204 | .0000328 | .0003611 | 4.592607 |
| Stddev | .0000475 | .0000511 | .00862 | .0002533 | .0000664 | .0002667 | .024054 |
| %RSD | 35.12214 | 51.00681 | .0736723 | 10.05052 | 202.4445 | 73.87592 | .5237568 |
| #1 | .0001367 | .0001034 | 11.70054 | .0028129 | -.000044 | .0000854 | 4.620111 |
| #2 | .0000869 | .0001494 | 11.70441 | .0023761 | .000074 | .0003798 | 4.582208 |
| #3 | .0001818 | .0000474 | 11.68793 | .0023723 | .000068 | .0006179 | 4.575502 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0007187 | 12.21834 | .0001521 | .0003802 | -.102598 | .0042989 | -.000684 |
| Stddev | .0002330 | .03431 | .0000616 | .0002764 | .005999 | .0014602 | .000030 |
| %RSD | 32.41995 | .2808383 | 40.47928 | 72.70600 | 5.847426 | 33.96622 | 4.350195 |
| #1 | .0004614 | 12.24632 | .0001823 | .0000857 | -.097763 | .0032605 | -.000687 |
| #2 | .0007792 | 12.18005 | .0001927 | .0006341 | -.100720 | .0059685 | -.000653 |
| #3 | .0009154 | 12.22866 | .0000813 | .0004208 | -.109312 | .0036677 | -.000712 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.341534 | .0020643 | .0000687 | -.002580 | -.001489 | .0003705 | .0004246 |
| Stddev | .047032 | .0003562 | .0001808 | .000667 | .000740 | .0048153 | .0007496 |
| %RSD | 13.77070 | 17.25734 | 263.0247 | 25.86054 | 49.66271 | 1299.507 | 176.5437 |
| #1 | -.317731 | .0021619 | -.000090 | -.002355 | -.001399 | -.000925 | -.000343 |
| #2 | -.395709 | .0023616 | .000266 | -.002054 | -.002269 | .005701 | .000463 |
| #3 | -.311162 | .0016694 | .000030 | -.003330 | -.000799 | -.003664 | .001154 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICSADLX20 Acquired: 8/20/2025 13:38:43 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **-.002129** | **-.010749** | **.0003012** |
| Stddev | .001180 | .001532 | .0001000 |
| %RSD | 55.40977 | 14.25604 | 33.18642 |
| | | | |
| #1 | -.002137 | -.012303 | .0002141 |
| #2 | -.003305 | -.010703 | .0004104 |
| #3 | -.000946 | -.009240 | .0002793 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6206.252** | **106968.2** | **11111.82** | **4833.306** | **7633.684** |
| Stddev | 7.826 | 282.4 | 53.29 | 26.309 | 5.908 |
| %RSD | .1261053 | .2640229 | .4795835 | .5443228 | .0773940 |
| | | | | | |
| #1 | 6197.586 | 106643.1 | 11108.64 | 4809.406 | 7631.705 |
| #2 | 6208.366 | 107108.1 | 11166.64 | 4861.496 | 7629.019 |
| #3 | 6212.804 | 107153.3 | 11060.20 | 4829.017 | 7640.327 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICSABDLX20 Acquired: 8/20/2025 13:42:59 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0050447 | .0058553 | .0020430 | .0013526 | .0280631 | 12.17426 | .0218190 |
| Stddev | .0009747 | .0000813 | .0007122 | .0005265 | .0009026 | .01973 | .0011566 |
| %RSD | 19.32070 | 1.388024 | 34.85947 | 38.91971 | 3.216319 | .1620339 | 5.301005 |
| #1 | .0055310 | .0059460 | .0019186 | .0016940 | .0281525 | 12.16089 | .0204925 |
| #2 | .0039225 | .0057890 | .0028092 | .0007464 | .0271191 | 12.19692 | .0226167 |
| #3 | .0056805 | .0058310 | .0014012 | .0016176 | .0289177 | 12.16498 | .0223477 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0242346 | .0453717 | 12.01291 | .0268346 | .0229340 | .0240977 | 4.825151 |
| Stddev | .0000538 | .0000516 | .01778 | .0002201 | .0000242 | .0003365 | .010133 |
| %RSD | .2218626 | .1136552 | .1480250 | .8203407 | .1053315 | 1.396561 | .2100093 |
| #1 | .0241911 | .0454278 | 11.99240 | .0266827 | .0229579 | .0238512 | 4.813911 |
| #2 | .0242947 | .0453610 | 12.02408 | .0267339 | .0229096 | .0244811 | 4.833588 |
| #3 | .0242179 | .0453264 | 12.02224 | .0270870 | .0229344 | .0239608 | 4.827954 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0244269 | 12.52539 | .0460076 | .0095155 | -.100478 | .0281114 | .0489873 |
| Stddev | .0002449 | .01397 | .0001602 | .0001183 | .009425 | .0013010 | .0000952 |
| %RSD | 1.002754 | .1115497 | .3482032 | 1.243124 | 9.380200 | 4.627937 | .1943583 |
| #1 | .0241927 | 12.50939 | .0459151 | .0093940 | -.092182 | .0296090 | .0490967 |
| #2 | .0244066 | 12.53154 | .0461926 | .0095222 | -.110726 | .0274641 | .0489232 |
| #3 | .0246814 | 12.53523 | .0459152 | .0096303 | -.098525 | .0272610 | .0489421 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.307211 | .0014851 | .0001010 | -.003112 | -.001201 | -.002797 | .0002037 |
| Stddev | .026706 | .0000448 | .0001131 | .000343 | .000739 | .004629 | .0006533 |
| %RSD | 8.692877 | 3.017691 | 112.0217 | 11.01580 | 61.51830 | 165.4719 | 320.7817 |
| #1 | -.310119 | .0014335 | .0001355 | -.002875 | -.000585 | -.001553 | .0007788 |
| #2 | -.279171 | .0015072 | -.000025 | -.003505 | -.002021 | .001082 | .0003389 |
| #3 | -.332344 | .0015146 | .000193 | -.002957 | -.000998 | -.007921 | -.000507 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: ICSABDLX20 Acquired: 8/20/2025 13:42:59 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **-.001005** | **-.011257** | **.0002360** |
| Stddev | .000617 | .001247 | .0000251 |
| %RSD | 61.40195 | 11.07298 | 10.63282 |
| #1 | -.001521 | -.012687 | .0002650 |
| #2 | -.001173 | -.010400 | .0002212 |
| #3 | -.000321 | -.010685 | .0002219 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6224.420** | **106486.8** | **11282.08** | **4820.977** | **7649.068** |
| Stddev | 7.788 | 342.7 | 79.12 | 13.781 | 10.711 |
| %RSD | .1251157 | .3218071 | .7012924 | .2858621 | .1400303 |
| #1 | 6231.787 | 106882.4 | 11373.18 | 4821.136 | 7660.545 |
| #2 | 6225.204 | 106298.6 | 11230.51 | 4807.118 | 7647.320 |
| #3 | 6216.270 | 106279.6 | 11242.55 | 4834.679 | 7639.338 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCV01 Acquired: 8/20/2025 13:47:11 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **4.982209** | **4.974882** | **4.900644** | **5.008231** | **4.981173** | **9.924865** | **9.806624** |
| Stddev | .008849 | .066959 | .012002 | .002014 | .006120 | .016351 | .116245 |
| %RSD | .1776078 | 1.345945 | .2449006 | .0402064 | .1228699 | .1647493 | 1.185372 |
| #1 | 4.978075 | 4.991822 | 4.900251 | 5.010540 | 4.978145 | 9.929908 | 9.940241 |
| #2 | 4.992368 | 5.031743 | 4.888844 | 5.007317 | 4.988217 | 9.906587 | 9.728742 |
| #3 | 4.976184 | 4.901079 | 4.912837 | 5.006837 | 4.977157 | 9.938101 | 9.750887 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2462164** | **2.470373** | **24.77337** | **1.008736** | **2.462184** | **1.247200** | **5.015588** |
| Stddev | .0009505 | .005344 | .04476 | .002523 | .004267 | .000611 | .042987 |
| %RSD | .3860476 | .2163333 | .1806966 | .2501634 | .1732863 | .0490136 | .8570610 |
| #1 | .2454827 | 2.470151 | 24.80261 | 1.010048 | 2.460922 | 1.247286 | 5.047000 |
| #2 | .2458762 | 2.465143 | 24.72183 | 1.005826 | 2.458690 | 1.246550 | 5.033166 |
| #3 | .2472902 | 2.475824 | 24.79566 | 1.010332 | 2.466939 | 1.247764 | 4.966598 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.467940** | **24.67880** | **2.463563** | **1.243869** | **24.99949** | **2.483950** | **2.524049** |
| Stddev | .007180 | .09081 | .005660 | .000547 | .20795 | .003431 | .002577 |
| %RSD | .2909318 | .3679612 | .2297316 | .0439547 | .8317992 | .1381142 | .1020943 |
| #1 | 2.474264 | 24.76272 | 2.463418 | 1.243947 | 25.08831 | 2.485710 | 2.521287 |
| #2 | 2.469422 | 24.58239 | 2.457978 | 1.243287 | 25.14827 | 2.479997 | 2.524474 |
| #3 | 2.460135 | 24.69127 | 2.469294 | 1.244372 | 24.76188 | 2.486144 | 2.526388 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **24.82432** | **4.896276** | **5.007942** | **4.938841** | **4.942733** | **5.028054** | **4.917674** |
| Stddev | .15653 | .022706 | .004623 | .008222 | .008914 | .012319 | .007907 |
| %RSD | .6305517 | .4637321 | .0923206 | .1664725 | .1803436 | .2450114 | .1607863 |
| #1 | 24.91581 | 4.873144 | 5.009712 | 4.944931 | 4.946766 | 5.037317 | 4.926328 |
| #2 | 24.91358 | 4.897157 | 5.011419 | 4.929488 | 4.948918 | 5.032772 | 4.915864 |
| #3 | 24.64358 | 4.918529 | 5.002695 | 4.942102 | 4.932516 | 5.014073 | 4.910828 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCV01 Acquired: 8/20/2025 13:47:11 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **4.880336** | **4.910950** | **4.981938** |
| Stddev | .014535 | .019555 | .048481 |
| %RSD | .2978221 | .3981925 | .9731410 |
| #1 | 4.875734 | 4.920778 | 4.946473 |
| #2 | 4.896615 | 4.923640 | 4.962159 |
| #3 | 4.868659 | 4.888430 | 5.037182 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6039.484** | **103441.3** | **11067.21** | **4659.752** | **7021.969** |
| Stddev | 3.664 | 10.7 | 43.03 | 14.747 | 5.798 |
| %RSD | .0606646 | .0103594 | .3888206 | .3164762 | .0825728 |
| #1 | 6039.213 | 103430.4 | 11100.83 | 4673.266 | 7022.441 |
| #2 | 6035.964 | 103441.7 | 11082.08 | 4661.969 | 7027.517 |
| #3 | 6043.276 | 103451.8 | 11018.72 | 4644.023 | 7015.950 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCB01 Acquired: 8/20/2025 13:51:22 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0031211** | **.0002393** | **-.000613** | **.0012661** | **.0000124** | **.0032407** | **-.002109** |
| Stddev | .0005517 | .0003417 | .000880 | .0016052 | .0007010 | .0040605 | .000279 |
| %RSD | 17.67679 | 142.7630 | 143.6995 | 126.7763 | 5649.787 | 125.2971 | 13.22749 |
| #1 | .0026528 | .0004406 | -.000149 | .0027064 | -.000690 | .0027355 | -.002191 |
| #2 | .0037293 | .0004326 | -.001628 | -.000464 | .000016 | -.000544 | -.002338 |
| #3 | .0029811 | -.000155 | -.000061 | .001556 | .000712 | .007530 | -.001799 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000033** | **-.000019** | **.0076088** | **-.000358** | **-.000065** | **-.000253** | **-.001411** |
| Stddev | .000065 | .000062 | .0080637 | .000226 | .000113 | .000022 | .002909 |
| %RSD | 196.5634 | 334.5723 | 105.9785 | 63.24584 | 175.5915 | 8.881910 | 206.1850 |
| #1 | -.000052 | .000047 | .0168942 | -.000167 | .000024 | -.000227 | -.004153 |
| #2 | -.000087 | -.000077 | .0023671 | -.000298 | -.000193 | -.000268 | -.001721 |
| #3 | .000039 | -.000026 | .0035650 | -.000608 | -.000025 | -.000264 | .001641 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0003500** | **-.013399** | **.0000418** | **.0003118** | **-.092431** | **.0031382** | **-.000450** |
| Stddev | .0005090 | .020421 | .0001219 | .0004490 | .015235 | .0018229 | .000267 |
| %RSD | 145.4450 | 152.4120 | 291.6309 | 144.0331 | 16.48211 | 58.08671 | 59.40967 |
| #1 | .0001679 | -.023359 | .0001509 | .0000841 | -.109180 | .0021889 | -.000262 |
| #2 | .0009250 | .010091 | -.000090 | .0008290 | -.088714 | .0052398 | -.000756 |
| #3 | -.000043 | -.026928 | .000064 | .0000221 | -.079399 | .0019859 | -.000332 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.329523** | **.0049995** | **.0002195** | **-.001419** | **-.000795** | **.0007522** | **.0017190** |
| Stddev | .010472 | .0008820 | .0001580 | .000537 | .000848 | .0051997 | .0007114 |
| %RSD | 3.178050 | 17.64197 | 71.96556 | 37.85443 | 106.6507 | 691.2833 | 41.38790 |
| #1 | -.326194 | .0060162 | .0003371 | -.002014 | .000160 | .0004100 | .0011565 |
| #2 | -.321120 | .0045433 | .0000400 | -.000971 | -.001086 | .0061145 | .0025187 |
| #3 | -.341256 | .0044390 | .0002815 | -.001272 | -.001460 | -.004268 | .0014817 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCB01 Acquired: 8/20/2025 13:51:22 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0009326 | -.008267 | .0000330 |
| Stddev | .0011053 | .000736 | .0000253 |
| %RSD | 118.5219 | 8.907452 | 76.68498 |
| #1 | .0016004 | -.008913 | .0000542 |
| #2 | -.000343 | -.007465 | .0000399 |
| #3 | .001541 | -.008423 | .0000050 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6357.856 | 106960.5 | 11368.33 | 4832.067 | 8062.234 |
| Stddev | 4.940 | 442.7 | 16.83 | 23.000 | 3.524 |
| %RSD | .0776927 | .4138661 | .1480167 | .4759880 | .0437097 |
| #1 | 6353.786 | 107369.3 | 11352.00 | 4841.715 | 8060.793 |
| #2 | 6363.352 | 107021.9 | 11385.62 | 4848.672 | 8059.660 |
| #3 | 6356.430 | 106490.3 | 11367.38 | 4805.815 | 8066.251 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: LR-1 Acquired: 8/20/2025 13:55:41 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.002853** | **.0092239** | **.0123243** | **-.015435** | **.0152064** | **.1346766** | **-.014022** |
| Stddev | .002774 | .0034874 | .0027590 | .003027 | .0047058 | .0127261 | .000780 |
| %RSD | 97.23952 | 37.80791 | 22.38683 | 19.61083 | 30.94595 | 9.449411 | 5.561343 |
| #1 | -.003250 | .0073318 | .0154358 | -.015341 | .0143655 | .1239467 | -.014723 |
| #2 | -.005406 | .0070915 | .0113610 | -.012456 | .0202759 | .1487367 | -.014162 |
| #3 | .000099 | .0132483 | .0101761 | -.018508 | .0109778 | .1313464 | -.013182 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0001265** | **.0004411** | **2116.212** | **.0114847** | **-.000354** | **.0026692** | **.4317345** |
| Stddev | .0000368 | .0001135 | 12.958 | .0001392 | .000214 | .0010111 | .0058454 |
| %RSD | 29.06406 | 25.72773 | .6123233 | 1.211895 | 60.41775 | 37.87940 | 1.353943 |
| #1 | .0001378 | .0003809 | 2102.609 | .0114208 | -.000598 | .0020170 | .4364228 |
| #2 | .0000854 | .0005719 | 2117.617 | .0116444 | -.000265 | .0021566 | .4335957 |
| #3 | .0001563 | .0003703 | 2128.411 | .0113890 | -.000199 | .0038339 | .4251851 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0135153** | **2141.241** | **.0087689** | **-.001825** | **2520.792** | **.0077642** | **.0466987** |
| Stddev | .0006013 | 15.331 | .0002582 | .000387 | 24.351 | .0031000 | .0006747 |
| %RSD | 4.449286 | .7159669 | 2.944066 | 21.18501 | .9660159 | 39.92750 | 1.444717 |
| #1 | .0130945 | 2124.080 | .0088375 | -.001558 | 2542.754 | .0106540 | .0474777 |
| #2 | .0132473 | 2146.062 | .0089858 | -.001649 | 2525.017 | .0044898 | .0463110 |
| #3 | .0142040 | 2153.582 | .0084834 | -.002269 | 2494.604 | .0081487 | .0463074 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **6.883755** | **.0107534** | **.0027068** | **-.015081** | **-.098087** | **-.023129** | **.0141968** |
| Stddev | .362972 | .0007183 | .0003425 | .000144 | .003424 | .008926 | .0025440 |
| %RSD | 5.272884 | 6.679850 | 12.65201 | .9538060 | 3.490312 | 38.59274 | 17.91940 |
| #1 | 6.478402 | .0115807 | .0030937 | -.014976 | -.100736 | -.032521 | .0135523 |
| #2 | 6.994151 | .0103914 | .0025840 | -.015022 | -.094221 | -.014757 | .0170010 |
| #3 | 7.178713 | .0102882 | .0024427 | -.015245 | -.099304 | -.022108 | .0120370 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: LR-1 Acquired: 8/20/2025 13:55:41 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1963370 | -.324070 | .0588717 |
| Stddev | .0049202 | .000471 | .0001388 |
| %RSD | 2.505976 | .1454296 | .2358250 |
| #1 | .1949565 | -.323526 | .0588982 |
| #2 | .2018000 | -.324322 | .0587215 |
| #3 | .1922546 | -.324362 | .0589953 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3883.147 | 70369.92 | 10109.58 | 2992.139 | 4123.195 |
| Stddev | 6.468 | 146.55 | 73.97 | 4.038 | 8.856 |
| %RSD | .1665625 | .2082513 | .7316507 | .1349410 | .2147796 |
| #1 | 3885.543 | 70470.97 | 10175.32 | 2991.604 | 4128.673 |
| #2 | 3888.076 | 70201.85 | 10123.94 | 2988.394 | 4127.934 |
| #3 | 3875.823 | 70436.94 | 10029.49 | 2996.417 | 4112.978 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: LR-2 Acquired: 8/20/2025 14:00:20 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2336146 | -.368988 | -.129733 | -.002700 | -.159858 | 1916.710 | .0216716 |
| Stddev | .0023697 | .004984 | .007806 | .012855 | .008941 | 15.670 | .0005496 |
| %RSD | 1.014370 | 1.350717 | 6.017060 | 476.1469 | 5.593255 | .8175370 | 2.536032 |
| #1 | .2343658 | -.370251 | -.126148 | .009558 | -.168349 | 1900.512 | .0213002 |
| #2 | .2309603 | -.363494 | -.138688 | -.001578 | -.160698 | 1931.792 | .0214117 |
| #3 | .2355176 | -.373219 | -.124363 | -.016079 | -.150526 | 1917.826 | .0223030 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0425345 | .1441347 | ^ ***** | -.045888 | .0882619 | .1573745 | 2788.900 |
| Stddev | .0005407 | .0029395 | ----- | .000908 | .0002522 | .0179528 | 29.370 |
| %RSD | 1.271288 | 2.039440 | ----- | 1.977950 | .2857296 | 11.40772 | 1.053116 |
| #1 | .0419123 | .1407597 | 12.90992 | -.046897 | .0884143 | .1367041 | 2822.458 |
| #2 | .0427997 | .1461356 | ^ ----- | -.045138 | .0884006 | .1690717 | 2767.876 |
| #3 | .0428914 | .1455086 | 13.00495 | -.045630 | .0879708 | .1663476 | 2776.365 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.184732 | 1.048704 | .0591209 | ^ ***** | 2.655464 | .0503486 | .1059880 |
| Stddev | .002093 | .019614 | .0009403 | ----- | .013176 | .0029510 | .0026301 |
| %RSD | 1.132733 | 1.870261 | 1.590422 | ----- | .4961940 | 5.861064 | 2.481500 |
| #1 | -.185195 | 1.059862 | .0601641 | ^ ----- | 2.666212 | .0492254 | .1037242 |
| #2 | -.186554 | 1.060194 | .0583387 | ^ ----- | 2.640764 | .0481242 | .1053666 |
| #3 | -.182447 | 1.026058 | .0588599 | ^ ----- | 2.659415 | .0536962 | .1088731 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1846.272 | ^ ***** | -.015848 | .0240792 | .0028031 | .5038142 | .1197687 |
| Stddev | 14.222 | ----- | .001001 | .0047301 | .0009499 | .0034730 | .0081434 |
| %RSD | .7703240 | ----- | 6.315408 | 19.64380 | 33.88778 | .6893386 | 6.799262 |
| #1 | 1862.005 | ^ ----- | -.016036 | .0211151 | .0020622 | .5065167 | .1105587 |
| #2 | 1834.327 | ^ ----- | -.014767 | .0215883 | .0024730 | .4998970 | .1260160 |
| #3 | 1842.485 | ^ ----- | -.016742 | .0295342 | .0038740 | .5050288 | .1227313 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: LR-2 Acquired: 8/20/2025 14:00:20 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.410218 | k .2777913 | -2.67327 |
| Stddev | .011119 | .0020199 | .02818 |
| %RSD | 2.710587 | .7271196 | 1.054089 |
| | | | |
| #1 | -.420683 | .2801178 | -2.70547 |
| #2 | -.398543 | k .2764855 | -2.65311 |
| #3 | -.411429 | .2767706 | -2.66122 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 4862.378 | 81073.85 | 10536.38 | 3699.208 | 4112.073 |
| Stddev | 8.453 | 173.45 | 84.16 | 19.077 | 4.493 |
| %RSD | .1738422 | .2139433 | .7987834 | .5157021 | .1092709 |
| | | | | | |
| #1 | 4867.088 | 81112.44 | 10633.28 | 3697.630 | 4115.731 |
| #2 | 4867.427 | 81224.75 | 10494.44 | 3719.025 | 4113.431 |
| #3 | 4852.619 | 80884.35 | 10481.44 | 3680.969 | 4107.057 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: LR-3 Acquired: 8/20/2025 14:04:48 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0962229** | **.0088544** | **224.4396** | **-.000482** | **.1152296** | **.1229048** | **-.001407** |
| Stddev | .0022896 | .0008476 | .6747 | .001475 | .0039150 | .0054409 | .001283 |
| %RSD | 2.379454 | 9.572620 | .3006163 | 305.8871 | 3.397582 | 4.426953 | 91.17262 |
| #1 | .0940906 | .0079012 | 225.2052 | -.001646 | .1181705 | .1276408 | -.001330 |
| #2 | .0986426 | .0095233 | 223.9321 | -.000978 | .1107858 | .1241118 | -.002726 |
| #3 | .0959356 | .0091386 | 224.1814 | .001177 | .1167324 | .1169617 | -.000164 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.004556** | **-.001671** | **.2431928** | **23.83954** | **.0060383** | **52.50632** | **.1312486** |
| Stddev | .000042 | .000025 | .0013855 | .08663 | .0000882 | .06715 | .0095435 |
| %RSD | .9129819 | 1.516196 | .5697313 | .3634071 | 1.460276 | .1278957 | 7.271343 |
| #1 | -.004510 | -.001689 | .2441342 | 23.88440 | .0059959 | 52.57645 | .1400258 |
| #2 | -.004565 | -.001642 | .2438425 | 23.89455 | .0061397 | 52.44261 | .1326305 |
| #3 | -.004592 | -.001682 | .2416018 | 23.73968 | .0059793 | 52.49990 | .1210894 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **48.21645** | **-.183298** | **23.42704** | **.0048770** | **.1823358** | **-.034120** | **29.44924** |
| Stddev | .28891 | .015704 | .03088 | .0002649 | .0151045 | .001922 | .08379 |
| %RSD | .5991912 | 8.567633 | .1318114 | 5.430573 | 8.283910 | 5.632387 | .2845281 |
| #1 | 48.48607 | -.181108 | 23.45547 | .0047550 | .1650538 | -.034046 | 29.52016 |
| #2 | 48.25179 | -.199982 | 23.39419 | .0051809 | .1930129 | -.032237 | 29.47079 |
| #3 | 47.91150 | -.168804 | 23.43147 | .0046952 | .1889407 | -.036078 | 29.35678 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.4318858** | **.0045906** | **-.014111** | **-.011844** | **-.043680** | **-.131864** | **.1281622** |
| Stddev | .0522918 | .0005194 | .000244 | .000467 | .000474 | .009712 | .0020233 |
| %RSD | 12.10778 | 11.31332 | 1.730309 | 3.940125 | 1.084624 | 7.364818 | 1.578718 |
| #1 | .3729772 | .0045312 | -.013831 | -.012378 | -.043586 | -.142216 | .1299240 |
| #2 | .4728190 | .0051371 | -.014276 | -.011642 | -.044194 | -.130420 | .1286102 |
| #3 | .4498612 | .0041035 | -.014228 | -.011513 | -.043261 | -.122955 | .1259525 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: LR-3 Acquired: 8/20/2025 14:04:48 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0527295 | -.006484 | .0004198 |
| Stddev | .0014280 | .002378 | .0000524 |
| %RSD | 2.708127 | 36.67345 | 12.48682 |
| #1 | .0535626 | -.003781 | .0004704 |
| #2 | .0510806 | -.008254 | .0003657 |
| #3 | .0535453 | -.007415 | .0004233 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 5964.477 | 109010.9 | 11304.33 | 4723.982 | 7714.965 |
| Stddev | 21.506 | 558.8 | 47.65 | 12.294 | 24.456 |
| %RSD | .3605672 | .5125818 | .4215280 | .2602557 | .3170005 |
| #1 | 5942.698 | 108811.6 | 11249.57 | 4734.782 | 7691.607 |
| #2 | 5965.035 | 108579.0 | 11336.41 | 4710.602 | 7712.898 |
| #3 | 5985.699 | 109641.9 | 11327.00 | 4726.562 | 7740.389 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02 Acquired: 8/20/2025 14:09:42 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2048661 | -.020961 | 1.390924 | .0077696 | -.013187 | 193.8884 |
| Stddev | .0013170 | .002997 | .002810 | .0006708 | .003071 | 1.6631 |
| %RSD | .6428576 | 14.29906 | .2020590 | 8.633169 | 23.28823 | .8577479 |
| #1 | .2044200 | -.023953 | 1.394060 | .0078841 | -.016620 | 194.0971 |
| #2 | .2063483 | -.017959 | 1.390077 | .0070490 | -.012243 | 192.1309 |
| #3 | .2038301 | -.020969 | 1.388634 | .0083757 | -.010699 | 195.4374 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9628243 | .0170110 | .0235429 | 35.30456 | .3868533 | .1958166 |
| Stddev | .0009143 | .0000632 | .0000688 | .02908 | .0016695 | .0000986 |
| %RSD | .0949589 | .3715875 | .2922498 | .0823627 | .4315619 | .0503429 |
| #1 | .9620578 | .0169652 | .0236065 | 35.28120 | .3884503 | .1958060 |
| #2 | .9638362 | .0169848 | .0234698 | 35.33713 | .3869900 | .1959201 |
| #3 | .9625788 | .0170831 | .0235524 | 35.29537 | .3851197 | .1957238 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8536550 | 338.6152 | 8.193195 | 92.84369 | .3323223 | .0114016 |
| Stddev | .0010906 | .4289 | .008354 | .12414 | .0004562 | .0002751 |
| %RSD | .1277618 | .1266604 | .1019627 | .1337057 | .1372601 | 2.412506 |
| #1 | .8526582 | 339.0269 | 8.185500 | 92.94321 | .3327973 | .0114275 |
| #2 | .8548199 | 338.6478 | 8.202080 | 92.70459 | .3322817 | .0111146 |
| #3 | .8534868 | 338.1709 | 8.192005 | 92.88327 | .3318877 | .0116629 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.932406 | .6902276 | 2.321387 | 35.63925 | .2367685 | .0174825 |
| Stddev | .002292 | .0011755 | .006634 | .09851 | .0007571 | .0002924 |
| %RSD | .0330625 | .1703047 | .2857686 | .2764150 | .3197772 | 1.672802 |
| #1 | 6.934045 | .6901592 | 2.324478 | 35.72814 | .2358949 | .0173990 |
| #2 | 6.929787 | .6890878 | 2.325911 | 35.65629 | .2372344 | .0172409 |
| #3 | 6.933387 | .6914358 | 2.313772 | 35.53334 | .2371763 | .0178076 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02 Acquired: 8/20/2025 14:09:42 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0262144 | 9.088549 | F 11.35298 | 8.713168 | 2.093306 | .3701813 |
| Stddev | .0001974 | .004281 | .06328 | .003655 | .010555 | .0002229 |
| %RSD | .7531024 | .0471017 | .5573946 | .0419478 | .5042073 | .0602138 |
| #1 | .0260613 | 9.092557 | 11.39278 | 8.716849 | 2.105455 | .3704385 |
| #2 | .0264372 | 9.089051 | 11.38614 | 8.713116 | 2.086393 | .3700590 |
| #3 | .0261447 | 9.084039 | 11.28000 | 8.709540 | 2.088069 | .3700462 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.092323 |
| Stddev | .000259 |
| %RSD | .2808283 |
| #1 | -.092556 |
| #2 | -.092044 |
| #3 | -.092368 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7476.478 | 128672.2 | 15210.67 | 5734.075 | 6421.353 |
| Stddev | 10.089 | 522.1 | 33.40 | 39.844 | 9.087 |
| %RSD | .1349414 | .4057981 | .2196125 | .6948718 | .1415107 |
| #1 | 7471.758 | 128098.8 | 15173.79 | 5694.300 | 6411.249 |
| #2 | 7469.614 | 128797.4 | 15219.31 | 5733.935 | 6423.956 |
| #3 | 7488.061 | 129120.3 | 15238.90 | 5773.988 | 6428.855 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02DUP Acquired: 8/20/2025 14:15:13 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2064987 | -.022467 | 1.385831 | .0042857 | -.014141 | 195.6674 |
| Stddev | .0019947 | .003546 | .002579 | .0037909 | .000274 | 1.3594 |
| %RSD | .9659759 | 15.78178 | .1861087 | 88.45383 | 1.935830 | .6947677 |
| #1 | .2048682 | -.023369 | 1.386594 | .0015493 | -.013828 | 194.4526 |
| #2 | .2087229 | -.018558 | 1.382957 | .0086127 | -.014260 | 195.4139 |
| #3 | .2059051 | -.025475 | 1.387943 | .0026951 | -.014335 | 197.1358 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9662049 | .0170096 | .0233193 | 35.33301 | .3887274 | .1954963 |
| Stddev | .0029377 | .0000895 | .0002238 | .05246 | .0016806 | .0005277 |
| %RSD | .3040421 | .5264878 | .9597977 | .1484606 | .4323432 | .2699152 |
| #1 | .9641206 | .0170749 | .0234955 | 35.27365 | .3903318 | .1957560 |
| #2 | .9695647 | .0169075 | .0230675 | 35.37311 | .3888706 | .1948891 |
| #3 | .9649293 | .0170464 | .0233950 | 35.35228 | .3869797 | .1958438 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8482489 | 340.9807 | 8.205715 | 92.76648 | .3319744 | .0116429 |
| Stddev | .0012365 | 1.6692 | .007028 | .15643 | .0006493 | .0000815 |
| %RSD | .1457701 | .4895209 | .0856527 | .1686310 | .1955781 | .6996383 |
| #1 | .8493983 | 339.5430 | 8.197605 | 92.60324 | .3316245 | .0116625 |
| #2 | .8469407 | 342.8113 | 8.210035 | 92.78113 | .3315752 | .0117129 |
| #3 | .8484079 | 340.5877 | 8.209505 | 92.91507 | .3327236 | .0115535 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.979227 | .6932141 | 2.334690 | 35.79366 | .2530418 | .0173184 |
| Stddev | .073666 | .0029391 | .001958 | .28652 | .0067387 | .0001828 |
| %RSD | 1.055508 | .4239868 | .0838764 | .8004643 | 2.663097 | 1.055693 |
| #1 | 6.907123 | .6948640 | 2.334062 | 35.60439 | .2492482 | .0174785 |
| #2 | 7.054362 | .6898207 | 2.336885 | 36.12329 | .2608222 | .0173576 |
| #3 | 6.976195 | .6949575 | 2.333122 | 35.65329 | .2490550 | .0171192 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02DUP Acquired: 8/20/2025 14:15:13 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0264233 | 9.103807 | F 11.37325 | 8.764164 | 2.092588 | .3713261 |
| Stddev | .0013502 | .019089 | .06805 | .031474 | .014919 | .0011727 |
| %RSD | 5.109976 | .2096838 | .5983693 | .3591252 | .7129317 | .3158237 |
| #1 | .0248732 | 9.092425 | 11.29658 | 8.755339 | 2.085674 | .3700794 |
| #2 | .0270535 | 9.125846 | 11.42651 | 8.738044 | 2.082380 | .3714914 |
| #3 | .0273433 | 9.093151 | 11.39666 | 8.799109 | 2.109709 | .3724073 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.094391 |
| Stddev | .000797 |
| %RSD | .8443527 |
| #1 | -.093695 |
| #2 | -.095261 |
| #3 | -.094218 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7508.741 | 127822.0 | 15191.75 | 5711.719 | 6451.386 |
| Stddev | 10.343 | 430.0 | 37.90 | 27.840 | 7.331 |
| %RSD | .1377405 | .3363943 | .2494777 | .4874122 | .1136273 |
| #1 | 7520.046 | 127965.1 | 15152.14 | 5711.849 | 6459.334 |
| #2 | 7499.754 | 127338.7 | 15227.67 | 5683.815 | 6449.933 |
| #3 | 7506.423 | 128162.2 | 15195.42 | 5739.494 | 6444.890 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02MS Acquired: 8/20/2025 14:23:25 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.8375885** | **1.968027** | **2.524403** | **1.560339** | **.1876213** | **220.7237** |
| Stddev | .0028986 | .023585 | .003959 | .003120 | .0027111 | .8697 |
| %RSD | .3460639 | 1.198406 | .1568121 | .1999384 | 1.444968 | .3940315 |
| #1 | .8405856 | 1.983515 | 2.522682 | 1.563262 | .1890543 | 219.7679 |
| #2 | .8347997 | 1.940883 | 2.521596 | 1.557054 | .1893152 | 220.9347 |
| #3 | .8373801 | 1.979682 | 2.528931 | 1.560701 | .1844945 | 221.4685 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.251939** | **.1686884** | **.2344521** | **40.03896** | **.7346454** | **.4134228** |
| Stddev | .007134 | .0013880 | .0002904 | .13216 | .0025962 | .0007532 |
| %RSD | .5698523 | .8228426 | .1238837 | .3300763 | .3533997 | .1821893 |
| #1 | 1.244684 | .1670914 | .2342510 | 39.91161 | .7330328 | .4129824 |
| #2 | 1.252187 | .1693687 | .2343202 | 40.02982 | .7332630 | .4129934 |
| #3 | 1.258946 | .1696050 | .2347851 | 40.17545 | .7376403 | .4142925 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6365308** | **342.0404** | **8.256953** | **107.5364** | **.8843806** | **.0735351** |
| Stddev | .0006000 | 1.2277 | .049335 | .3484 | .0010063 | .0006350 |
| %RSD | .0942599 | .3589395 | .5974981 | .3239554 | .1137892 | .8635963 |
| #1 | .6360410 | 342.1362 | 8.210105 | 107.2630 | .8838967 | .0740371 |
| #2 | .6372001 | 340.7676 | 8.252308 | 107.4176 | .8855375 | .0728212 |
| #3 | .6363514 | 343.2175 | 8.308446 | 107.9286 | .8837077 | .0737471 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **10.14914** | **.9678536** | **2.624146** | **55.74369** | **.4151518** | **.3361824** |
| Stddev | .02359 | .0063598 | .002300 | .12086 | .0063510 | .0005428 |
| %RSD | .2324284 | .6571011 | .0876435 | .2168049 | 1.529804 | .1614715 |
| #1 | 10.15287 | .9637258 | 2.626512 | 55.69497 | .4212581 | .3356427 |
| #2 | 10.12391 | .9646576 | 2.621918 | 55.65481 | .4085815 | .3361761 |
| #3 | 10.17065 | .9751775 | 2.624008 | 55.88131 | .4156159 | .3367284 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02MS Acquired: 8/20/2025 14:23:25 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7222629 | F 11.25956 | F 12.22122 | F 15.90150 | 2.135907 | .6128346 |
| Stddev | .0023544 | .05172 | .05124 | .02695 | .003741 | .0028524 |
| %RSD | .3259692 | .4593524 | .4192421 | .1694696 | .1751429 | .4654428 |
| #1 | .7220149 | 11.21741 | 12.27839 | 15.92081 | 2.137425 | .6097156 |
| #2 | .7200423 | 11.24399 | 12.20583 | 15.87071 | 2.131646 | .6134775 |
| #3 | .7247314 | 11.31728 | 12.17945 | 15.91298 | 2.138651 | .6153106 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0823944 |
| Stddev | .0021762 |
| %RSD | 2.641239 |
| #1 | .0798854 |
| #2 | .0835274 |
| #3 | .0837704 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7528.231 | 129849.1 | 15192.09 | 5769.563 | 6319.371 |
| Stddev | 5.478 | 279.9 | 114.32 | 4.511 | 3.143 |
| %RSD | .0727668 | .2155715 | .7524927 | .0781808 | .0497333 |
| #1 | 7527.947 | 130141.2 | 15321.01 | 5764.706 | 6319.554 |
| #2 | 7522.901 | 129823.0 | 15152.22 | 5773.620 | 6316.141 |
| #3 | 7533.846 | 129583.2 | 15103.05 | 5770.363 | 6322.418 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02MSD Acquired: 8/20/2025 14:27:28 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.8417563** | **1.938457** | **2.534799** | **1.537513** | **.1793907** | **223.2255** |
| Stddev | .0024605 | .037017 | .004635 | .002183 | .0008653 | 2.0142 |
| %RSD | .2923067 | 1.909600 | .1828363 | .1419846 | .4823811 | .9023260 |
| #1 | .8398327 | 1.980873 | 2.530064 | 1.540033 | .1797096 | 223.5286 |
| #2 | .8409073 | 1.921820 | 2.539326 | 1.536194 | .1784111 | 221.0769 |
| #3 | .8445289 | 1.912677 | 2.535007 | 1.536311 | .1800513 | 225.0710 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.250926** | **.1656916** | **.2347031** | **40.17379** | **.7314897** | **.4205492** |
| Stddev | .006507 | .0009292 | .0003529 | .09213 | .0027438 | .0004887 |
| %RSD | .5201927 | .5608185 | .1503598 | .2293209 | .3750994 | .1161956 |
| #1 | 1.248599 | .1646966 | .2345715 | 40.07415 | .7338578 | .4201653 |
| #2 | 1.258277 | .1665368 | .2351029 | 40.25588 | .7284829 | .4203829 |
| #3 | 1.245902 | .1658413 | .2344349 | 40.19135 | .7321284 | .4210993 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6299674** | **348.9118** | **8.295371** | **100.7823** | **.9105036** | **.0729152** |
| Stddev | .0024795 | 1.7894 | .030255 | .3795 | .0017048 | .0005123 |
| %RSD | .3935971 | .5128562 | .3647255 | .3765675 | .1872423 | .7025561 |
| #1 | .6275063 | 350.8611 | 8.265309 | 100.4014 | .9090166 | .0734877 |
| #2 | .6299310 | 347.3436 | 8.325816 | 100.7851 | .9123643 | .0725000 |
| #3 | .6324650 | 348.5306 | 8.294989 | 101.1604 | .9101300 | .0727580 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **9.951618** | **.9550917** | **2.665477** | **50.09854** | **.4220437** | **.3305565** |
| Stddev | .074688 | .0011110 | .007495 | .37901 | .0106968 | .0006461 |
| %RSD | .7505098 | .1163294 | .2811763 | .7565253 | 2.534530 | .1954594 |
| #1 | 10.03731 | .9563034 | 2.662221 | 50.53549 | .4325864 | .3309314 |
| #2 | 9.91717 | .9548506 | 2.674049 | 49.90135 | .4111991 | .3298105 |
| #3 | 9.90038 | .9541209 | 2.660161 | 49.85879 | .4223455 | .3309277 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02MSD Acquired: 8/20/2025 14:27:28 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7158128 | F 10.51572 | 9.867020 | F 16.17619 | 2.342128 | .5831440 |
| Stddev | .0024995 | .01783 | .105925 | .06258 | .005426 | .0029802 |
| %RSD | .3491894 | .1695726 | 1.073526 | .3868792 | .2316616 | .5110498 |
| #1 | .7186905 | 10.49814 | 9.969282 | 16.22307 | 2.345327 | .5810570 |
| #2 | .7145657 | 10.53379 | 9.757777 | 16.10513 | 2.335864 | .5865571 |
| #3 | .7141821 | 10.51522 | 9.874001 | 16.20038 | 2.345195 | .5818180 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0758663 |
| Stddev | .0028175 |
| %RSD | 3.713736 |
| #1 | .0733332 |
| #2 | .0789008 |
| #3 | .0753650 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7631.020 | 131251.8 | 15482.12 | 5840.786 | 6337.835 |
| Stddev | 10.556 | 430.5 | 98.62 | 4.416 | 10.888 |
| %RSD | .1383318 | .3280257 | .6370010 | .0756089 | .1717898 |
| #1 | 7634.827 | 130870.7 | 15595.88 | 5842.615 | 6350.407 |
| #2 | 7639.144 | 131718.8 | 15429.71 | 5835.749 | 6331.647 |
| #3 | 7619.088 | 131165.9 | 15420.77 | 5843.993 | 6331.451 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02A Acquired: 8/20/2025 14:31:30 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8108756 | 1.860993 | 2.287975 | 1.512771 | .5943811 | 191.8246 |
| Stddev | .0028123 | .028447 | .002351 | .006173 | .0008449 | 3.5189 |
| %RSD | .3468231 | 1.528565 | .1027537 | .4080340 | .1421491 | 1.834421 |
| #1 | .8079156 | 1.888503 | 2.285742 | 1.518792 | .5951504 | 188.3079 |
| #2 | .8135122 | 1.831694 | 2.287756 | 1.506457 | .5945160 | 195.3456 |
| #3 | .8111989 | 1.862782 | 2.290429 | 1.513062 | .5934768 | 191.8202 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.098907 | .1608942 | .2176169 | 35.58813 | .6922371 | .3908026 |
| Stddev | .007795 | .0005901 | .0003226 | .15579 | .0011401 | .0008311 |
| %RSD | .7093014 | .3667558 | .1482487 | .4377483 | .1647040 | .2126724 |
| #1 | 1.100273 | .1602208 | .2176875 | 35.54227 | .6910951 | .3905985 |
| #2 | 1.090519 | .1611411 | .2172648 | 35.46043 | .6933754 | .3900925 |
| #3 | 1.105928 | .1613208 | .2178983 | 35.76170 | .6922409 | .3917167 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.053362 | 338.5843 | 8.227334 | 93.22776 | .8195785 | .0727969 |
| Stddev | .001286 | 2.9146 | .056958 | .38451 | .0005076 | .0015711 |
| %RSD | .1221276 | .8608197 | .6923077 | .4124427 | .0619374 | 2.158122 |
| #1 | 1.052394 | 340.0548 | 8.219142 | 92.87939 | .8190792 | .0739112 |
| #2 | 1.054822 | 335.2274 | 8.174915 | 93.16355 | .8195621 | .0710000 |
| #3 | 1.052871 | 340.4707 | 8.287945 | 93.64033 | .8200941 | .0734795 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.265395 | .9061653 | 2.456981 | 43.45782 | .4395870 | .3248953 |
| Stddev | .115855 | .0054693 | .002830 | .30576 | .0102166 | .0003544 |
| %RSD | 1.250401 | .6035692 | .1151818 | .7035718 | 2.324137 | .1090894 |
| #1 | 9.345751 | .9024614 | 2.453879 | 43.70097 | .4444628 | .3251846 |
| #2 | 9.132591 | .9035873 | 2.457644 | 43.11456 | .4278460 | .3245000 |
| #3 | 9.317842 | .9124472 | 2.459421 | 43.55795 | .4464523 | .3250015 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02A  Acquired: 8/20/2025 14:31:30  Type: Unk
Method: 6010-200.7 NEW(v122)  Mode: CONC  Corr. Factor: 1.000000
User: Jaswal  Custom ID1:  Custom ID2:  Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6935053** | **9.111678** | F **11.83901** | F **14.12949** | **2.034842** | **.5206410** |
| Stddev | .0014316 | .042075 | .02004 | .05014 | .011280 | .0024309 |
| %RSD | .2064309 | .4617686 | .1692777 | .3548907 | .5543353 | .4669108 |
| #1 | .6938920 | 9.112871 | 11.85695 | 14.16961 | 2.046377 | .5204568 |
| #2 | .6919201 | 9.069019 | 11.84269 | 14.07327 | 2.023836 | .5183075 |
| #3 | .6947038 | 9.153144 | 11.81738 | 14.14557 | 2.034315 | .5231588 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.0559738** |
| Stddev | .0010723 |
| %RSD | 1.915784 |
| #1 | .0547424 |
| #2 | .0564778 |
| #3 | .0567014 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **7490.812** | **126749.5** | **15069.15** | **5699.320** | **6465.583** |
| Stddev | 4.714 | 216.7 | 96.21 | 16.442 | 3.188 |
| %RSD | .0629308 | .1709930 | .6384466 | .2884933 | .0493066 |
| #1 | 7491.138 | 126892.5 | 15179.10 | 5710.592 | 6467.468 |
| #2 | 7495.355 | 126855.8 | 15027.93 | 5706.914 | 6467.380 |
| #3 | 7485.943 | 126500.2 | 15000.42 | 5680.453 | 6461.903 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCV02 Acquired: 8/20/2025 14:39:41 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **4.964567** | **5.052485** | **4.857183** | **5.008876** | **4.992450** | **9.853631** | **9.762197** |
| Stddev | .017600 | .064552 | .004039 | .008603 | .004335 | .001565 | .165075 |
| %RSD | .3545113 | 1.277638 | .0831629 | .1717563 | .0868384 | .0158803 | 1.690960 |
| #1 | 4.968811 | 5.099510 | 4.855090 | 5.004967 | 4.991985 | 9.855427 | 9.671726 |
| #2 | 4.979657 | 5.079058 | 4.861839 | 5.018739 | 4.988366 | 9.852561 | 9.662136 |
| #3 | 4.945233 | 4.978888 | 4.854619 | 5.002921 | 4.996999 | 9.852905 | 9.952728 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2433466** | **2.448582** | **24.48854** | **1.002469** | **2.444131** | **1.243195** | **5.062771** |
| Stddev | .0013145 | .004403 | .01853 | .002293 | .002878 | .000708 | .013589 |
| %RSD | .5401744 | .1798078 | .0756520 | .2287347 | .1177417 | .0569395 | .2684173 |
| #1 | .2424801 | 2.444543 | 24.48975 | 1.004541 | 2.440809 | 1.243226 | 5.057789 |
| #2 | .2427006 | 2.453275 | 24.46944 | 1.000005 | 2.445848 | 1.243886 | 5.078148 |
| #3 | .2448591 | 2.447929 | 24.50643 | 1.002862 | 2.445737 | 1.242472 | 5.052375 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.439007** | **24.24725** | **2.447154** | **1.250457** | **25.18476** | **2.461153** | **2.506119** |
| Stddev | .006061 | .08114 | .003704 | .000693 | .17526 | .009819 | .005150 |
| %RSD | .2484998 | .3346398 | .1513721 | .0554566 | .6958999 | .3989662 | .2054972 |
| #1 | 2.442138 | 24.20155 | 2.442879 | 1.249706 | 25.37121 | 2.456513 | 2.503547 |
| #2 | 2.432021 | 24.19926 | 2.449400 | 1.251073 | 25.15967 | 2.454515 | 2.512048 |
| #3 | 2.442862 | 24.34093 | 2.449185 | 1.250592 | 25.02339 | 2.472433 | 2.502762 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **25.28372** | **4.844309** | **5.029153** | **4.906165** | **4.921247** | **5.067349** | **4.847495** |
| Stddev | .05178 | .027141 | .007588 | .016789 | .011916 | .013425 | .023157 |
| %RSD | .2048042 | .5602758 | .1508766 | .3421954 | .2421347 | .2649300 | .4777146 |
| #1 | 25.33426 | 4.819189 | 5.033029 | 4.900817 | 4.927186 | 5.052466 | 4.858489 |
| #2 | 25.28613 | 4.840638 | 5.034020 | 4.924976 | 4.907529 | 5.071033 | 4.863108 |
| #3 | 25.23078 | 4.873099 | 5.020410 | 4.892702 | 4.929027 | 5.078546 | 4.820889 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCV02 Acquired: 8/20/2025 14:39:41 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **4.832470** | **4.832344** | **4.957914** |
| Stddev | .030122 | .016084 | .027552 |
| %RSD | .6233330 | .3328327 | .5557199 |
| #1 | 4.843428 | 4.849872 | 4.929499 |
| #2 | 4.855578 | 4.818264 | 4.984513 |
| #3 | 4.798402 | 4.828895 | 4.959729 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6102.014** | **103882.7** | **11360.20** | **4665.742** | **7129.425** |
| Stddev | 6.103 | 172.3 | 34.49 | 10.442 | 5.915 |
| %RSD | .1000143 | .1658827 | .3036377 | .2238035 | .0829676 |
| #1 | 6097.905 | 103683.9 | 11367.89 | 4659.221 | 7129.538 |
| #2 | 6099.111 | 103976.2 | 11390.20 | 4660.219 | 7123.454 |
| #3 | 6109.027 | 103988.1 | 11322.51 | 4677.786 | 7135.283 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCB02 Acquired: 8/20/2025 14:43:52 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000870** | **.0001037** | **-.000200** | **-.001250** | **-.001598** | **-.000178** | **-.003024** |
| Stddev | .000970 | .0015160 | .000769 | .000883 | .001778 | .004958 | .000924 |
| %RSD | 111.5564 | 1461.711 | 385.2148 | 70.63132 | 111.2521 | 2791.889 | 30.55272 |
| #1 | -.000750 | .0011761 | -.000049 | -.000259 | -.003646 | -.000690 | -.003526 |
| #2 | -.001894 | -.001631 | -.001033 | -.001539 | -.000713 | .005017 | -.003589 |
| #3 | .000035 | .000766 | .000483 | -.001951 | -.000437 | -.004860 | -.001958 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000029** | **.0000325** | **.0061993** | **-.000354** | **-.000141** | **-.000198** | **.0004676** |
| Stddev | .000013 | .0000375 | .0020178 | .000278 | .000167 | .000130 | .0078024 |
| %RSD | 44.82549 | 115.1586 | 32.54910 | 78.47689 | 118.8237 | 65.71668 | 1668.790 |
| #1 | -.000044 | .0000623 | .0072461 | -.000459 | .000010 | -.000068 | -.003288 |
| #2 | -.000019 | -.000010 | .0038732 | -.000039 | -.000320 | -.000197 | .009438 |
| #3 | -.000024 | .000045 | .0074786 | -.000563 | -.000112 | -.000328 | -.004747 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0002879** | **-.011116** | **-.000178** | **.0001549** | **.0075663** | **.0033587** | **-.000816** |
| Stddev | .0001752 | .015300 | .000028 | .0003545 | .0063204 | .0007568 | .000147 |
| %RSD | 60.86263 | 137.6334 | 15.46286 | 228.8040 | 83.53415 | 22.53232 | 18.05782 |
| #1 | .0001190 | -.018076 | -.000208 | -.000187 | .0002785 | .0031169 | -.000831 |
| #2 | .0002759 | .006426 | -.000153 | .000521 | .0108718 | .0027524 | -.000955 |
| #3 | .0004688 | -.021699 | -.000174 | .000131 | .0115484 | .0042069 | -.000662 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.095337** | **.0042111** | **.0003254** | **-.001987** | **-.000114** | **.0020744** | **.0011428** |
| Stddev | .022569 | .0005014 | .0001607 | .000798 | .001729 | .0121540 | .0002445 |
| %RSD | 23.67270 | 11.90763 | 49.38017 | 40.15983 | 1523.566 | 585.8987 | 21.39387 |
| #1 | -.093552 | .0047825 | .0002764 | -.001806 | .001175 | .0161035 | .0014045 |
| #2 | -.118745 | .0040063 | .0001950 | -.002860 | -.002079 | -.004611 | .0011039 |
| #3 | -.073714 | .0038445 | .0005049 | -.001295 | .000564 | -.005269 | .0009201 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCB02 Acquired: 8/20/2025 14:43:52 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0013555 | -.007083 | -.000014 |
| Stddev | .0016010 | .002149 | .000036 |
| %RSD | 118.1122 | 30.34337 | 262.2772 |
| #1 | .0021899 | -.004972 | -.000024 |
| #2 | -.000490 | -.009268 | -.000043 |
| #3 | .002367 | -.007008 | .000026 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6379.986 | 109751.6 | 11461.98 | 4931.758 | 8123.485 |
| Stddev | 10.597 | 524.6 | 17.36 | 33.093 | 6.727 |
| %RSD | .1660960 | .4779930 | .1514477 | .6710172 | .0828074 |
| #1 | 6391.417 | 110055.6 | 11480.51 | 4922.723 | 8128.195 |
| #2 | 6378.050 | 110053.3 | 11459.34 | 4968.430 | 8115.781 |
| #3 | 6370.490 | 109145.8 | 11446.09 | 4904.121 | 8126.480 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: PB169301BL Acquired: 8/20/2025 14:48:10 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000512** | **.0005984** | **.0002162** | **.0001640** | **-.001332** | **.0041184** | **-.002732** |
| Stddev | .000904 | .0007365 | .0003527 | .0014074 | .001527 | .0043359 | .000653 |
| %RSD | 176.5278 | 123.0761 | 163.1555 | 858.2136 | 114.6627 | 105.2805 | 23.90910 |
| #1 | -.001339 | -.000220 | -.000182 | .0015675 | -.003035 | .0068469 | -.002027 |
| #2 | -.000649 | .000806 | .000490 | -.001247 | -.000879 | .0063895 | -.003316 |
| #3 | .000453 | .001209 | .000340 | .000172 | -.000083 | -.000881 | -.002852 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000052** | **.0000089** | **.0053283** | **-.000441** | **-.000188** | **-.000433** | **-.008146** |
| Stddev | .000025 | .0000627 | .0130869 | .000088 | .000258 | .000125 | .004304 |
| %RSD | 47.33789 | 703.6047 | 245.6116 | 19.87641 | 137.5223 | 28.92646 | 52.83844 |
| #1 | -.000047 | -.000060 | .0001684 | -.000360 | .000073 | -.000543 | -.012113 |
| #2 | -.000079 | .000023 | -.004392 | -.000429 | -.000194 | -.000297 | -.003569 |
| #3 | -.000030 | .000063 | .020209 | -.000534 | -.000443 | -.000459 | -.008757 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0001910** | **-.020747** | **-.000253** | **.0004080** | **-.040079** | **.0017530** | **-.000977** |
| Stddev | .0001400 | .024722 | .000153 | .0000510 | .006985 | .0017333 | .000137 |
| %RSD | 73.31978 | 119.1599 | 60.63881 | 12.49093 | 17.42694 | 98.87546 | 14.05983 |
| #1 | .0002410 | -.028858 | -.000190 | .0003741 | -.048139 | .0014901 | -.000865 |
| #2 | .0002992 | -.040395 | -.000141 | .0004666 | -.035795 | .0001662 | -.001131 |
| #3 | .0000328 | .007012 | -.000427 | .0003834 | -.036303 | .0036028 | -.000937 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.162401** | **.0012839** | **-.000084** | **-.002225** | **-.000325** | **-.001854** | **.0011973** |
| Stddev | .011563 | .0000476 | .000064 | .000407 | .001064 | .007550 | .0016794 |
| %RSD | 7.120206 | 3.706104 | 75.81630 | 18.28511 | 326.9986 | 407.1772 | 140.2694 |
| #1 | -.175382 | .0012364 | -.000133 | -.002560 | -.000250 | .002803 | .0006720 |
| #2 | -.158616 | .0012837 | -.000108 | -.002344 | .000699 | .002199 | -.000157 |
| #3 | -.153204 | .0013316 | -.000012 | -.001772 | -.001425 | -.010565 | .003076 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: PB169301BL Acquired: 8/20/2025 14:48:10 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0006611 | -.008043 | -.000015 |
| Stddev | .0002200 | .000327 | .000074 |
| %RSD | 33.27169 | 4.071978 | 504.5244 |
| #1 | .0006856 | -.008134 | .000061 |
| #2 | .0004299 | -.007679 | -.000019 |
| #3 | .0008678 | -.008314 | -.000086 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6320.415 | 109572.3 | 11248.50 | 4860.195 | 8047.716 |
| Stddev | 9.991 | 281.4 | 28.07 | 23.381 | 1.485 |
| %RSD | .1580827 | .2568565 | .2495625 | .4810683 | .0184482 |
| #1 | 6321.533 | 109397.7 | 11243.14 | 4844.548 | 8049.297 |
| #2 | 6329.801 | 109422.3 | 11223.49 | 4848.966 | 8046.352 |
| #3 | 6309.912 | 109897.0 | 11278.86 | 4887.072 | 8047.500 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: PB169301BS Acquired: 8/20/2025 14:52:29 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.7684913** | **1.980923** | **.9336362** | **1.954503** | **.7922616** | **1.952506** | **.1874326** |
| Stddev | .0025386 | .051431 | .0013655 | .006795 | .0026346 | .009570 | .0020050 |
| %RSD | .3303372 | 2.596328 | .1462506 | .3476416 | .3325418 | .4901408 | 1.069725 |
| #1 | .7661622 | 1.950930 | .9330835 | 1.949012 | .7892747 | 1.963392 | .1894203 |
| #2 | .7681145 | 2.040310 | .9326338 | 1.962102 | .7932548 | 1.948708 | .1874668 |
| #3 | .7711973 | 1.951529 | .9351914 | 1.952396 | .7942552 | 1.945417 | .1854108 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1990020** | **.1865071** | **1.009493** | **.4004236** | **.1907414** | **.3034701** | **2.909883** |
| Stddev | .0013718 | .0000346 | .011883 | .0018303 | .0000968 | .0011253 | .024360 |
| %RSD | .6893482 | .0185629 | 1.177078 | .4570959 | .0507365 | .3708169 | .8371564 |
| #1 | .1987371 | .1865057 | 1.022971 | .4022070 | .1907083 | .3022125 | 2.935410 |
| #2 | .2004869 | .1864733 | 1.000530 | .4005140 | .1906656 | .3038158 | 2.907354 |
| #3 | .1977819 | .1865425 | 1.004979 | .3985497 | .1908504 | .3043821 | 2.886887 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1968728** | **1.959029** | **.4800866** | **.0738567** | **2.710051** | **.2944111** | **.2060566** |
| Stddev | .0018721 | .007295 | .0011867 | .0002524 | .028079 | .0033072 | .0006019 |
| %RSD | .9509188 | .3724000 | .2471860 | .3418135 | 1.036097 | 1.123310 | .2920999 |
| #1 | .1986452 | 1.951609 | .4789766 | .0739244 | 2.728314 | .2926990 | .2064864 |
| #2 | .1970584 | 1.959286 | .4799460 | .0735773 | 2.677719 | .2982232 | .2063146 |
| #3 | .1949148 | 1.966193 | .4813374 | .0740684 | 2.724121 | .2923109 | .2053687 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **9.290000** | **.2912877** | **.4024715** | **.6621054** | **.1896803** | **.8794658** | **5.385195** |
| Stddev | .063737 | .0021189 | .0003489 | .0007888 | .0012136 | .0184618 | .012892 |
| %RSD | .6860869 | .7274266 | .0866835 | .1191408 | .6397934 | 2.099208 | .2394046 |
| #1 | 9.318228 | .2910155 | .4020700 | .6616427 | .1910149 | .8684890 | 5.382895 |
| #2 | 9.217023 | .2935296 | .4026436 | .6616572 | .1893827 | .8691279 | 5.399083 |
| #3 | 9.334749 | .2893181 | .4027008 | .6630162 | .1886432 | .9007805 | 5.373608 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: PB169301BS Acquired: 8/20/2025 14:52:29 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0016548 | .1895921 | .1899373 |
| Stddev | .0021219 | .0011275 | .0013408 |
| %RSD | 128.2336 | .5946786 | .7058988 |
| #1 | -.000634 | .1890860 | .1914291 |
| #2 | .002042 | .1908840 | .1895498 |
| #3 | .003556 | .1888065 | .1888329 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6278.664 | 108318.0 | 11332.72 | 4830.578 | 7758.809 |
| Stddev | 19.563 | 67.0 | 52.82 | 12.674 | 19.136 |
| %RSD | .3115795 | .0618832 | .4660908 | .2623607 | .2466299 |
| #1 | 6292.885 | 108328.7 | 11337.06 | 4816.528 | 7769.078 |
| #2 | 6286.754 | 108378.9 | 11277.86 | 4841.148 | 7770.618 |
| #3 | 6256.354 | 108246.2 | 11383.23 | 4834.058 | 7736.731 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02LX5 Acquired: 8/20/2025 14:56:29 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0479101 | -.002099 | .2735407 | -.000172 | -.005051 | 46.48324 | .2246085 |
| Stddev | .0007099 | .001504 | .0006603 | .003263 | .001455 | .02357 | .0020585 |
| %RSD | 1.481637 | 71.64357 | .2414074 | 1900.245 | 28.80723 | .0506990 | .9164705 |
| #1 | .0484457 | -.002089 | .2727803 | .003181 | -.006697 | 46.50259 | .2234609 |
| #2 | .0481796 | -.003608 | .2738715 | -.003336 | -.003938 | 46.49015 | .2269850 |
| #3 | .0471049 | -.000600 | .2739702 | -.000360 | -.004517 | 46.45700 | .2233797 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0043514 | .0029067 | 8.762137 | .0937841 | .0364012 | .2175413 | 77.79362 |
| Stddev | .0001071 | .0000220 | .022002 | .0001024 | .0001639 | .0003553 | .28013 |
| %RSD | 2.460812 | .7567434 | .2511017 | .1091972 | .4503169 | .1633298 | .3600896 |
| #1 | .0044666 | .0029226 | 8.759774 | .0936660 | .0363954 | .2175916 | 77.58140 |
| #2 | .0042549 | .0029159 | 8.785225 | .0938467 | .0362403 | .2171636 | 78.11114 |
| #3 | .0043327 | .0028816 | 8.741412 | .0938398 | .0365680 | .2178688 | 77.68833 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.017588 | 22.91832 | .0639905 | .0016993 | 1.445761 | .1702877 | .5639462 |
| Stddev | .009691 | .07553 | .0005386 | .0003372 | .034582 | .0022352 | .0002866 |
| %RSD | .4803464 | .3295745 | .8417159 | 19.84203 | 2.391940 | 1.312571 | .0508267 |
| #1 | 2.014133 | 23.00421 | .0634592 | .0013103 | 1.407361 | .1678399 | .5641475 |
| #2 | 2.028533 | 22.86224 | .0645361 | .0019078 | 1.474446 | .1722201 | .5640731 |
| #3 | 2.010097 | 22.88852 | .0639761 | .0018798 | 1.455477 | .1708032 | .5636181 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.513086 | .0315946 | .0039236 | .0029807 | 2.194960 | 2.459324 | 1.630483 |
| Stddev | .011295 | .0009975 | .0000839 | .0006425 | .012986 | .016213 | .005250 |
| %RSD | .1503372 | 3.157256 | 2.137600 | 21.55434 | .5916373 | .6592410 | .3219789 |
| #1 | 7.500045 | .0311923 | .0039063 | .0036243 | 2.188577 | 2.442674 | 1.624476 |
| #2 | 7.519431 | .0327305 | .0040148 | .0023393 | 2.209902 | 2.460238 | 1.632781 |
| #3 | 7.519782 | .0308612 | .0038498 | .0029785 | 2.186400 | 2.475061 | 1.634192 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2892-02LX5 Acquired: 8/20/2025 14:56:29 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .3785300 | .0791288 | -.018822 |
| Stddev | .0020709 | .0023328 | .000104 |
| %RSD | .5471010 | 2.948049 | .5537915 |
| #1 | .3772029 | .0767113 | -.018743 |
| #2 | .3774709 | .0813664 | -.018782 |
| #3 | .3809163 | .0793088 | -.018940 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6500.665 | 112070.4 | 12119.69 | 5033.124 | 7338.356 |
| Stddev | 5.025 | 72.5 | 22.20 | 14.018 | 8.171 |
| %RSD | .0773000 | .0646822 | .1831882 | .2785131 | .1113420 |
| #1 | 6496.699 | 112007.8 | 12094.08 | 5016.965 | 7335.592 |
| #2 | 6506.316 | 112149.8 | 12133.47 | 5040.392 | 7347.550 |
| #3 | 6498.979 | 112053.6 | 12131.51 | 5042.016 | 7331.926 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-04 Acquired: 8/20/2025 15:00:34 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0374491 | .0024814 | .0354177 | -.004809 | -.004759 | 49.63469 |
| Stddev | .0023460 | .0009634 | .0015182 | .000870 | .000437 | .04192 |
| %RSD | 6.264420 | 38.82661 | 4.286529 | 18.09084 | 9.183934 | .0844661 |
| #1 | .0388301 | .0015390 | .0356603 | -.005631 | -.004288 | 49.59154 |
| #2 | .0347404 | .0024406 | .0368001 | -.003898 | -.004840 | 49.67527 |
| #3 | .0387768 | .0034646 | .0337929 | -.004900 | -.005151 | 49.63726 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0599800 | .0126183 | .0084234 | 103.8756 | .0532410 | .0918263 |
| Stddev | .0006249 | .0000710 | .0000173 | .1339 | .0002110 | .0002651 |
| %RSD | 1.041849 | .5628421 | .2057390 | .1289378 | .3963007 | .2887073 |
| #1 | .0606887 | .0125798 | .0084432 | 103.8686 | .0532648 | .0916303 |
| #2 | .0597434 | .0127003 | .0084113 | 104.0129 | .0530191 | .0921279 |
| #3 | .0595080 | .0125748 | .0084156 | 103.7453 | .0534391 | .0917206 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1169761 | 47.09003 | 5.038371 | 20.19779 | .0527505 | .0007198 |
| Stddev | .0001268 | .13510 | .011751 | .03417 | .0001707 | .0004160 |
| %RSD | .1084240 | .2869016 | .2332394 | .1691874 | .3235463 | 57.79089 |
| #1 | .1170068 | 47.24556 | 5.046349 | 20.19482 | .0527482 | .0010890 |
| #2 | .1168367 | 47.00184 | 5.043887 | 20.23335 | .0525809 | .0002691 |
| #3 | .1170848 | 47.02268 | 5.024876 | 20.16520 | .0529222 | .0008012 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.74846 | .4482502 | 3.978617 | 23.88313 | .5507732 | -.000911 |
| Stddev | .06493 | .0018786 | .013899 | .15001 | .0013712 | .000099 |
| %RSD | .5092966 | .4191027 | .3493443 | .6280867 | .2489510 | 10.91826 |
| #1 | 12.81781 | .4462591 | 3.977289 | 24.05506 | .5501715 | -.000982 |
| #2 | 12.73843 | .4499914 | 3.965430 | 23.77895 | .5523424 | -.000797 |
| #3 | 12.68913 | .4484999 | 3.993133 | 23.81538 | .5498059 | -.000953 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-04 Acquired: 8/20/2025 15:00:34 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.016795 | .0031398 | 8.318259 | F 36.32405 | F 401.6404 | -.025979 |
| Stddev | .000431 | .0004974 | .036005 | .15810 | 2.1034 | .000285 |
| %RSD | 2.565097 | 15.84129 | .4328436 | .4352535 | .5237025 | 1.096912 |
| #1 | -.016435 | .0025702 | 8.345978 | 36.44555 | 401.9242 | -.026308 |
| #2 | -.017272 | .0034884 | 8.277565 | 36.14530 | 399.4096 | -.025833 |
| #3 | -.016677 | .0033607 | 8.331235 | 36.38130 | 403.5875 | -.025798 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .6234871 |
| Stddev | .0026206 |
| %RSD | .4203083 |
| #1 | .6258613 |
| #2 | .6239249 |
| #3 | .6206753 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 8408.621 | 144268.8 | 16160.61 | 6395.816 | 7097.325 |
| Stddev | 5.556 | 292.5 | 27.37 | 40.784 | 9.656 |
| %RSD | .0660711 | .2027285 | .1693758 | .6376623 | .1360543 |
| #1 | 8410.018 | 144186.1 | 16191.25 | 6415.043 | 7107.187 |
| #2 | 8402.501 | 144593.7 | 16138.58 | 6423.431 | 7087.888 |
| #3 | 8413.346 | 144026.5 | 16151.99 | 6348.972 | 7096.901 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05 Acquired: 8/20/2025 15:04:36 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0618296** | **-.040852** | **.0237567** | **-.000692** | **-.020938** | **40.21758** |
| Stddev | .0025021 | .003141 | .0017041 | .003170 | .000382 | .03206 |
| %RSD | 4.046676 | 7.689195 | 7.173020 | 457.8564 | 1.826130 | .0797280 |
| #1 | .0646554 | -.039388 | .0256563 | .002824 | -.020573 | 40.25452 |
| #2 | .0609377 | -.038710 | .0232510 | -.003331 | -.020907 | 40.20128 |
| #3 | .0598958 | -.044458 | .0223626 | -.001570 | -.021336 | 40.19694 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0530809** | **.0144082** | **.0198173** | **89.53644** | **.3489483** | **.1223010** |
| Stddev | .0005416 | .0000327 | .0001365 | .04732 | .0006833 | .0001751 |
| %RSD | 1.020382 | .2271999 | .6888698 | .0528520 | .1958052 | .1431786 |
| #1 | .0533728 | .0143928 | .0198804 | 89.54276 | .3489395 | .1224905 |
| #2 | .0524559 | .0144458 | .0196606 | 89.58029 | .3482694 | .1221451 |
| #3 | .0534139 | .0143860 | .0199108 | 89.48628 | .3496359 | .1222676 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.3864758** | **313.8214** | **5.092060** | **16.28130** | **.5480729** | **.0069192** |
| Stddev | .0007853 | .2666 | .012575 | .02431 | .0003389 | .0003604 |
| %RSD | .2032017 | .0849635 | .2469500 | .1493241 | .0618307 | 5.209319 |
| #1 | .3873517 | 313.5138 | 5.078587 | 16.26497 | .5478858 | .0065058 |
| #2 | .3858347 | 313.9632 | 5.103485 | 16.26970 | .5484640 | .0070839 |
| #3 | .3862409 | 313.9872 | 5.094110 | 16.30924 | .5478688 | .0071679 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **9.288948** | **.3913326** | **3.321910** | **19.80967** | **.4943762** | **.0008525** |
| Stddev | .025718 | .0027687 | .008520 | .05292 | .0034067 | .0000599 |
| %RSD | .2768613 | .7075013 | .2564706 | .2671584 | .6890934 | 7.027032 |
| #1 | 9.286787 | .3940251 | 3.320250 | 19.75478 | .4975986 | .0009157 |
| #2 | 9.315678 | .3914792 | 3.331138 | 19.86038 | .4908111 | .0007964 |
| #3 | 9.264380 | .3884936 | 3.314343 | 19.81385 | .4947190 | .0008456 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05 Acquired: 8/20/2025 15:04:36 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.014927 | -.002497 | 8.633685 | F 21.41018 | F 372.7321 | .0033166 |
| Stddev | .000806 | .000312 | .018826 | .20394 | 2.9891 | .0013157 |
| %RSD | 5.397512 | 12.50741 | .2180515 | .9525405 | .8019468 | 39.67094 |
| | | | | | | |
| #1 | -.015856 | -.002202 | 8.626899 | 21.63163 | 375.0189 | .0040414 |
| #2 | -.014491 | -.002824 | 8.619192 | 21.36880 | 373.8276 | .0041105 |
| #3 | -.014432 | -.002465 | 8.654963 | 21.23009 | 369.3498 | .0017978 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2712377 |
| Stddev | .0009336 |
| %RSD | .3442177 |
| | |
| #1 | .2704546 |
| #2 | .2722709 |
| #3 | .2709875 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7785.835 | 136976.1 | 15437.59 | 5988.558 | 6939.559 |
| Stddev | 4.550 | 71.4 | 11.59 | 5.159 | 9.303 |
| %RSD | .0584355 | .0521081 | .0750955 | .0861433 | .1340560 |
| | | | | | |
| #1 | 7790.834 | 137016.2 | 15439.77 | 5985.796 | 6929.744 |
| #2 | 7784.732 | 137018.4 | 15425.06 | 5985.368 | 6940.685 |
| #3 | 7781.938 | 136893.7 | 15447.94 | 5994.510 | 6948.248 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05DUP Acquired: 8/20/2025 15:08:39 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0662286** | **-.043817** | **.0211924** | **-.000678** | **-.020922** | **41.01495** |
| Stddev | .0008329 | .002390 | .0020857 | .003098 | .001166 | .09471 |
| %RSD | 1.257572 | 5.453834 | 9.841643 | 456.6317 | 5.573481 | .2309195 |
| #1 | .0671903 | -.041147 | .0223946 | -.003590 | -.022187 | 41.11568 |
| #2 | .0657444 | -.045756 | .0187841 | .002577 | -.019890 | 40.92770 |
| #3 | .0657511 | -.044548 | .0223986 | -.001023 | -.020690 | 41.00148 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0541724** | **.0145885** | **.0180552** | **91.29210** | **.3641794** | **.1259697** |
| Stddev | .0005631 | .0000202 | .0001277 | .13240 | .0011040 | .0002882 |
| %RSD | 1.039529 | .1382530 | .7070093 | .1450308 | .3031585 | .2288244 |
| #1 | .0546862 | .0146117 | .0179748 | 91.42387 | .3652973 | .1261982 |
| #2 | .0542606 | .0145791 | .0179884 | 91.15908 | .3630898 | .1260651 |
| #3 | .0535704 | .0145747 | .0182023 | 91.29335 | .3641510 | .1256459 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.3828499** | **338.3039** | **5.215679** | **16.64974** | **.5652697** | **.0113173** |
| Stddev | .0001639 | 1.2835 | .016288 | .01313 | .0016860 | .0006610 |
| %RSD | .0428171 | .3793804 | .3122818 | .0788554 | .2982629 | 5.840774 |
| #1 | .3829685 | 337.4819 | 5.221953 | 16.66197 | .5644453 | .0108747 |
| #2 | .3829184 | 337.6470 | 5.197187 | 16.63586 | .5641546 | .0110001 |
| #3 | .3826629 | 339.7829 | 5.227896 | 16.65139 | .5672093 | .0120771 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **10.08873** | **.3981231** | **3.484399** | **21.37595** | **.6179963** | **.0010211** |
| Stddev | .05667 | .0014055 | .007300 | .07078 | .0073246 | .0002785 |
| %RSD | .5617596 | .3530293 | .2094956 | .3311290 | 1.185210 | 27.27528 |
| #1 | 10.04509 | .3995322 | 3.476660 | 21.31578 | .6106870 | .0010620 |
| #2 | 10.06831 | .3967212 | 3.485375 | 21.35814 | .6179657 | .0012769 |
| #3 | 10.15278 | .3981160 | 3.491161 | 21.45394 | .6253360 | .0007244 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05DUP Acquired: 8/20/2025 15:08:39 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.014151 | -.002251 | 9.343312 | F 22.05654 | F 382.2240 | .0040880 |
| Stddev | .000193 | .000904 | .027577 | .12550 | 2.6196 | .0013131 |
| %RSD | 1.366016 | 40.15356 | .2951520 | .5689815 | .6853578 | 32.12052 |
| #1 | -.014083 | -.002109 | 9.311632 | 21.93639 | 379.4445 | .0030592 |
| #2 | -.014000 | -.003217 | 9.361938 | 22.04644 | 382.5804 | .0055669 |
| #3 | -.014369 | -.001426 | 9.356366 | 22.18678 | 384.6472 | .0036378 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2588158 |
| Stddev | .0010341 |
| %RSD | .3995406 |
| #1 | .2589704 |
| #2 | .2577131 |
| #3 | .2597638 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7889.838 | 129998.9 | 15519.90 | 5843.422 | 6960.644 |
| Stddev | 5.491 | 180.0 | 39.84 | 22.997 | 5.788 |
| %RSD | .0695944 | .1384475 | .2566937 | .3935467 | .0831503 |
| #1 | 7894.413 | 130188.5 | 15474.20 | 5866.089 | 6964.296 |
| #2 | 7891.353 | 129977.9 | 15538.17 | 5844.067 | 6963.666 |
| #3 | 7883.749 | 129830.4 | 15547.32 | 5820.109 | 6953.971 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05A Acquired: 8/20/2025 15:24:51 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6863638** | **1.871445** | **.9497124** | **1.599349** | **.5881448** | **41.40286** |
| Stddev | .0025814 | .063999 | .0029276 | .008016 | .0023923 | .08952 |
| %RSD | .3760931 | 3.419748 | .3082619 | .5012204 | .4067555 | .2162122 |
| #1 | .6884797 | 1.813673 | .9515626 | 1.594475 | .5902588 | 41.42642 |
| #2 | .6834877 | 1.860424 | .9463371 | 1.594971 | .5886279 | 41.30392 |
| #3 | .6871238 | 1.940239 | .9512374 | 1.608601 | .5855479 | 41.47824 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2031786** | **.1602716** | **.2126609** | **89.70706** | **.6499333** | **.3179470** |
| Stddev | .0007649 | .0007444 | .0005703 | .25213 | .0014352 | .0007208 |
| %RSD | .3764759 | .4644583 | .2681511 | .2810597 | .2208244 | .2267010 |
| #1 | .2040610 | .1602095 | .2127099 | 89.88403 | .6505388 | .3186595 |
| #2 | .2027043 | .1595602 | .2120677 | 89.41837 | .6509665 | .3172182 |
| #3 | .2027704 | .1610451 | .2132050 | 89.81877 | .6482945 | .3179632 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6067831** | **314.1422** | **5.213352** | **17.71171** | **1.032700** | **.0661234** |
| Stddev | .0023005 | 1.3134 | .014283 | .05178 | .002761 | .0003071 |
| %RSD | .3791340 | .4181027 | .2739620 | .2923486 | .2673624 | .4644743 |
| #1 | .6064052 | 315.1531 | 5.228108 | 17.69573 | 1.034363 | .0664778 |
| #2 | .6046950 | 314.6159 | 5.199596 | 17.66980 | 1.029513 | .0659340 |
| #3 | .6092492 | 312.6576 | 5.212352 | 17.76960 | 1.034225 | .0659585 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **11.70917** | **.6178813** | **3.431938** | **27.67394** | **.6931137** | **.3112344** |
| Stddev | .08878 | .0000299 | .002855 | .22513 | .0034773 | .0003289 |
| %RSD | .7582194 | .0048441 | .0831873 | .8134940 | .5016890 | .1056748 |
| #1 | 11.76613 | .6179112 | 3.428944 | 27.81925 | .6914893 | .3109923 |
| #2 | 11.75451 | .6178813 | 3.434630 | 27.78795 | .6971059 | .3111020 |
| #3 | 11.60688 | .6178513 | 3.432241 | 27.41462 | .6907460 | .3116088 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05A Acquired: 8/20/2025 15:24:51 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6457911 | .1391467 | 9.346867 | F 26.49448 | F 371.4874 | .1599798 |
| Stddev | .0003232 | .0011171 | .013998 | .12668 | 2.5867 | .0009338 |
| %RSD | .0500433 | .8028427 | .1497621 | .4781278 | .6963115 | .5837034 |
| #1 | .6456357 | .1400948 | 9.357166 | 26.37518 | 368.9210 | .1609311 |
| #2 | .6461626 | .1394301 | 9.352505 | 26.48083 | 371.4473 | .1590645 |
| #3 | .6455750 | .1379151 | 9.330929 | 26.62743 | 374.0939 | .1599437 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4190822 |
| Stddev | .0020308 |
| %RSD | .4845751 |
| #1 | .4214265 |
| #2 | .4179596 |
| #3 | .4178606 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7720.995 | 134923.5 | 15197.19 | 5924.117 | 6879.307 |
| Stddev | 4.629 | 251.6 | 112.37 | 14.590 | 5.089 |
| %RSD | .0599493 | .1864813 | .7393938 | .2462883 | .0739758 |
| #1 | 7717.762 | 135008.6 | 15228.88 | 5939.887 | 6875.461 |
| #2 | 7718.926 | 135121.5 | 15290.30 | 5911.098 | 6877.383 |
| #3 | 7726.297 | 134640.3 | 15072.38 | 5921.366 | 6885.078 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05LX5 Acquired: 8/20/2025 15:32:55 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0135485** | **-.009150** | **.0026915** | **-.002226** | **-.004604** | **9.393418** |
| Stddev | .0007143 | .000563 | .0005206 | .001842 | .001640 | .012634 |
| %RSD | 5.272274 | 6.153851 | 19.34346 | 82.73713 | 35.61836 | .1345031 |
| #1 | .0142446 | -.009245 | .0023762 | -.000130 | -.005933 | 9.393183 |
| #2 | .0128173 | -.009660 | .0024058 | -.002962 | -.005107 | 9.406167 |
| #3 | .0135835 | -.008546 | .0032924 | -.003585 | -.002771 | 9.380902 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0088529** | **.0035086** | **.0023784** | **21.37225** | **.0826845** | **.0227449** |
| Stddev | .0006732 | .0000406 | .0000562 | .08721 | .0000937 | .0000702 |
| %RSD | 7.604819 | 1.156571 | 2.363196 | .4080307 | .1132875 | .3086072 |
| #1 | .0094691 | .0034623 | .0023648 | 21.32960 | .0827909 | .0227338 |
| #2 | .0089552 | .0035380 | .0023304 | 21.47258 | .0826145 | .0228200 |
| #3 | .0081343 | .0035255 | .0024402 | 21.31459 | .0826481 | .0226809 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0943574** | **72.26772** | **1.228556** | **3.921377** | **.1035735** | **.0009685** |
| Stddev | .0003092 | .14668 | .006659 | .019227 | .0006122 | .0003771 |
| %RSD | .3277326 | .2029666 | .5420591 | .4903131 | .5910286 | 38.93487 |
| #1 | .0940376 | 72.17125 | 1.221941 | 3.903218 | .1030951 | .0007700 |
| #2 | .0943796 | 72.43652 | 1.235259 | 3.941519 | .1033620 | .0014033 |
| #3 | .0946549 | 72.19540 | 1.228468 | 3.919394 | .1042633 | .0007321 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.011276** | **.0950435** | **.7863928** | **4.331546** | **.1104885** | **.0001098** |
| Stddev | .018200 | .0008414 | .0027023 | .034781 | .0004366 | .0002338 |
| %RSD | .9048923 | .8853051 | .3436359 | .8029635 | .3951150 | 212.8182 |
| #1 | 1.990327 | .0958296 | .7837157 | 4.291407 | .1102455 | .0002032 |
| #2 | 2.020294 | .0951451 | .7891196 | 4.352789 | .1102275 | .0002825 |
| #3 | 2.023205 | .0941560 | .7863431 | 4.350441 | .1109925 | -.000156 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05LX5 Acquired: 8/20/2025 15:32:55 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.006194** | **-.000765** | **1.904185** | **4.127167** | F **74.81011** | **-.005126** |
| Stddev | .000527 | .000748 | .008275 | .012455 | .29734 | .000407 |
| %RSD | 8.510592 | 97.77066 | .4345568 | .3017691 | .3974635 | 7.947507 |
| #1 | -.005615 | -.000230 | 1.896282 | 4.124697 | 74.57163 | -.004717 |
| #2 | -.006319 | -.001620 | 1.912787 | 4.116132 | 74.71543 | -.005532 |
| #3 | -.006647 | -.000445 | 1.903485 | 4.140671 | 75.14326 | -.005129 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.0641938** |
| Stddev | .0003594 |
| %RSD | .5598663 |
| #1 | .0638420 |
| #2 | .0645604 |
| #3 | .0641789 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6614.529** | **114346.3** | **12210.35** | **5093.877** | **7600.690** |
| Stddev | 11.254 | 237.7 | 53.44 | 26.403 | 18.425 |
| %RSD | .1701375 | .2079038 | .4376973 | .5183266 | .2424126 |
| #1 | 6615.973 | 114316.3 | 12232.15 | 5115.902 | 7599.221 |
| #2 | 6624.992 | 114125.0 | 12149.45 | 5064.608 | 7619.805 |
| #3 | 6602.624 | 114597.6 | 12249.45 | 5101.122 | 7583.043 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05MS Acquired: 8/20/2025 15:37:08 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6726270** | **1.845047** | **.9337112** | **1.570809** | **.5779820** | **40.75386** |
| Stddev | .0024548 | .011935 | .0042532 | .001767 | .0006438 | .03216 |
| %RSD | .3649623 | .6468763 | .4555140 | .1125001 | .1113886 | .0789076 |
| #1 | .6700929 | 1.858693 | .9311813 | 1.572413 | .5777453 | 40.76362 |
| #2 | .6727941 | 1.836551 | .9386216 | 1.568915 | .5774901 | 40.71796 |
| #3 | .6749941 | 1.839898 | .9313307 | 1.571098 | .5787107 | 40.78001 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1997316** | **.1589324** | **.2086217** | **88.54608** | **.6409163** | **.3121346** |
| Stddev | .0009338 | .0005866 | .0004314 | .19094 | .0009293 | .0007512 |
| %RSD | .4675193 | .3690539 | .2068072 | .2156417 | .1449994 | .2406815 |
| #1 | .2008023 | .1590056 | .2082223 | 88.68661 | .6419607 | .3117709 |
| #2 | .1993063 | .1583127 | .2090793 | 88.32868 | .6401805 | .3129985 |
| #3 | .1990862 | .1594789 | .2085636 | 88.62294 | .6406078 | .3116345 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.5975749** | **309.6065** | **5.167896** | **17.45689** | **1.013517** | **.0647819** |
| Stddev | .0020769 | .8252 | .022284 | .03346 | .000728 | .0003562 |
| %RSD | .3475610 | .2665410 | .4311913 | .1916751 | .0718393 | .5498946 |
| #1 | .5952824 | 310.5416 | 5.189143 | 17.46184 | 1.013081 | .0651740 |
| #2 | .5981114 | 308.9800 | 5.144704 | 17.42123 | 1.014358 | .0644781 |
| #3 | .5993310 | 309.2980 | 5.169840 | 17.48760 | 1.013113 | .0646936 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **11.54634** | **.6048524** | **3.388758** | **27.34417** | **.6817065** | **.3068142** |
| Stddev | .07575 | .0023288 | .004846 | .15309 | .0049026 | .0008455 |
| %RSD | .6560436 | .3850181 | .1429980 | .5598590 | .7191724 | .2755620 |
| #1 | 11.63301 | .6064328 | 3.383675 | 27.52071 | .6845748 | .3064445 |
| #2 | 11.49281 | .6021781 | 3.393326 | 27.26364 | .6760456 | .3062166 |
| #3 | 11.51319 | .6059465 | 3.389273 | 27.24816 | .6844992 | .3077816 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05MS Acquired: 8/20/2025 15:37:08 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6342748 | .1381742 | 9.121811 | F 25.98300 | F 365.2993 | .1576257 |
| Stddev | .0019948 | .0004007 | .023678 | .05367 | .1826 | .0004896 |
| %RSD | .3145069 | .2899942 | .2595771 | .2065560 | .0499856 | .3105921 |
| #1 | .6323350 | .1385945 | 9.131672 | 25.97889 | 365.2186 | .1573855 |
| #2 | .6363205 | .1381316 | 9.138965 | 26.03860 | 365.5084 | .1573026 |
| #3 | .6341688 | .1377965 | 9.094796 | 25.93150 | 365.1710 | .1581889 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4170627 |
| Stddev | .0029015 |
| %RSD | .6956975 |
| #1 | .4199347 |
| #2 | .4141325 |
| #3 | .4171208 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7830.919 | 136868.9 | 15339.37 | 6024.676 | 7002.897 |
| Stddev | 13.972 | 393.9 | 50.77 | 8.636 | 6.182 |
| %RSD | .1784239 | .2877826 | .3309677 | .1433506 | .0882793 |
| #1 | 7837.167 | 136425.2 | 15292.39 | 6014.880 | 7009.982 |
| #2 | 7840.676 | 137004.0 | 15393.23 | 6031.190 | 6998.601 |
| #3 | 7814.912 | 137177.4 | 15332.49 | 6027.958 | 7000.107 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05MSD Acquired: 8/20/2025 15:41:10 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6673061 | 1.739634 | .9389860 | 1.547024 | .5757149 | 43.46283 |
| Stddev | .0040457 | .101634 | .0018501 | .009273 | .0019681 | .01427 |
| %RSD | .6062689 | 5.842253 | .1970351 | .5994140 | .3418573 | .0328306 |
| #1 | .6719011 | 1.815890 | .9406761 | 1.557625 | .5734499 | 43.46360 |
| #2 | .6657381 | 1.778761 | .9392725 | 1.543030 | .5770076 | 43.47670 |
| #3 | .6642792 | 1.624252 | .9370093 | 1.540417 | .5766873 | 43.44819 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2015113 | .1566737 | .2120683 | 94.22648 | .6598351 | .3242728 |
| Stddev | .0006691 | .0004818 | .0000830 | .15317 | .0011123 | .0003850 |
| %RSD | .3320497 | .3075384 | .0391360 | .1625524 | .1685657 | .1187171 |
| #1 | .2022786 | .1568822 | .2121578 | 94.39388 | .6589470 | .3245857 |
| #2 | .2012063 | .1561228 | .2120530 | 94.09335 | .6610826 | .3238430 |
| #3 | .2010491 | .1570163 | .2119939 | 94.19222 | .6594757 | .3243898 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6183534 | 330.5122 | 5.471058 | 18.46637 | 1.064386 | .0645027 |
| Stddev | .0009495 | .4872 | .015594 | .06738 | .001832 | .0005531 |
| %RSD | .1535573 | .1474156 | .2850360 | .3648743 | .1721474 | .8574740 |
| #1 | .6194314 | 330.8995 | 5.487829 | 18.42076 | 1.063017 | .0650522 |
| #2 | .6176411 | 330.6719 | 5.456995 | 18.43459 | 1.063673 | .0639461 |
| #3 | .6179879 | 329.9651 | 5.468349 | 18.54376 | 1.066468 | .0645100 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.24330 | .6265696 | 3.610456 | 28.67076 | .7143507 | .3056113 |
| Stddev | .04637 | .0016496 | .005768 | .17532 | .0036939 | .0008125 |
| %RSD | .3787450 | .2632713 | .1597496 | .6114919 | .5171001 | .2658474 |
| #1 | 12.28973 | .6284736 | 3.603803 | 28.79604 | .7112012 | .3064079 |
| #2 | 12.24319 | .6256621 | 3.613540 | 28.74584 | .7184165 | .3056420 |
| #3 | 12.19699 | .6255730 | 3.614027 | 28.47040 | .7134343 | .3047839 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2818-05MSD  Acquired: 8/20/2025 15:41:10  Type: Unk
Method: 6010-200.7 NEW(v122)  Mode: CONC  Corr. Factor: 1.000000
User: Jaswal  Custom ID1:  Custom ID2:  Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6473065 | .1369292 | 9.860299 | F 27.67274 | F 388.3373 | .1556508 |
| Stddev | .0033595 | .0007815 | .039766 | .11456 | 4.7329 | .0013275 |
| %RSD | .5189998 | .5706928 | .4032971 | .4139677 | 1.218772 | .8528392 |
| #1 | .6511844 | .1377880 | 9.845671 | 27.79480 | 393.1753 | .1565397 |
| #2 | .6454559 | .1362600 | 9.905308 | 27.65587 | 388.1197 | .1562877 |
| #3 | .6452792 | .1367396 | 9.829919 | 27.56755 | 383.7170 | .1541249 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4290572 |
| Stddev | .0035688 |
| %RSD | .8317668 |
| #1 | .4331416 |
| #2 | .4274886 |
| #3 | .4265414 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 7799.453 | 136397.1 | 15422.75 | 5947.031 | 6818.817 |
| Stddev | 2.293 | 339.9 | 45.36 | 24.775 | 2.433 |
| %RSD | .0294032 | .2491956 | .2940905 | .4165975 | .0356833 |
| #1 | 7797.315 | 136764.1 | 15454.11 | 5975.613 | 6821.465 |
| #2 | 7799.170 | 136093.1 | 15443.41 | 5933.795 | 6818.306 |
| #3 | 7801.875 | 136334.1 | 15370.74 | 5931.685 | 6816.680 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCV03 Acquired: 8/20/2025 15:45:09 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.007315** | **4.778010** | **4.898519** | **5.053180** | **5.033378** | **9.769302** | **9.556323** |
| Stddev | .010077 | .026492 | .007823 | .017798 | .010632 | .025840 | .135770 |
| %RSD | .2012431 | .5544476 | .1597050 | .3522129 | .2112397 | .2644984 | 1.420739 |
| #1 | 4.996677 | 4.755865 | 4.897502 | 5.037057 | 5.023168 | 9.799130 | 9.598682 |
| #2 | 5.016716 | 4.807358 | 4.891253 | 5.072278 | 5.044388 | 9.755047 | 9.665864 |
| #3 | 5.008553 | 4.770806 | 4.906800 | 5.050206 | 5.032577 | 9.753731 | 9.404423 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2505592** | **2.467868** | **24.09964** | **1.019062** | **2.461485** | **1.250662** | **4.950934** |
| Stddev | .0007802 | .002283 | .00553 | .001425 | .003081 | .000308 | .014454 |
| %RSD | .3113993 | .0925031 | .0229490 | .1397956 | .1251831 | .0245960 | .2919468 |
| #1 | .2511229 | 2.467792 | 24.09612 | 1.017714 | 2.462015 | 1.250307 | 4.943711 |
| #2 | .2496687 | 2.465623 | 24.10601 | 1.018920 | 2.458174 | 1.250855 | 4.967576 |
| #3 | .2508860 | 2.470187 | 24.09678 | 1.020552 | 2.464268 | 1.250824 | 4.941515 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.387289** | **24.11324** | **2.468693** | **1.259497** | **22.89269** | **2.441554** | **2.527550** |
| Stddev | .007264 | .05789 | .003597 | .004041 | .12277 | .003667 | .009641 |
| %RSD | .3042618 | .2400629 | .1457156 | .3208770 | .5362830 | .1501724 | .3814482 |
| #1 | 2.378902 | 24.17819 | 2.467179 | 1.255572 | 22.79233 | 2.437381 | 2.516418 |
| #2 | 2.391402 | 24.09447 | 2.466101 | 1.259274 | 23.02958 | 2.443022 | 2.532959 |
| #3 | 2.391562 | 24.06707 | 2.472800 | 1.263646 | 22.85615 | 2.444259 | 2.533272 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **24.47144** | **4.941882** | **5.051217** | **4.929315** | **4.821648** | **5.100357** | **4.920614** |
| Stddev | .15441 | .009886 | .004678 | .001229 | .005878 | .008548 | .006496 |
| %RSD | .6309987 | .2000518 | .0926033 | .0249233 | .1219162 | .1676025 | .1320201 |
| #1 | 24.30968 | 4.947399 | 5.048621 | 4.928000 | 4.824635 | 5.094847 | 4.916989 |
| #2 | 24.61728 | 4.930469 | 5.056616 | 4.929512 | 4.825432 | 5.110205 | 4.916740 |
| #3 | 24.48736 | 4.947779 | 5.048413 | 4.930434 | 4.814875 | 5.096021 | 4.928114 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCV03 Acquired: 8/20/2025 15:45:09 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **5.040846** | **4.592629** | **4.856853** |
| Stddev | .016904 | .010175 | .063749 |
| %RSD | .3353316 | .2215449 | 1.312559 |
| #1 | 5.052083 | 4.591751 | 4.816865 |
| #2 | 5.049050 | 4.603214 | 4.823325 |
| #3 | 5.021407 | 4.582922 | 4.930370 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6028.447** | **102176.7** | **11052.98** | **4591.252** | **7044.908** |
| Stddev | 6.235 | 109.0 | 34.10 | 24.983 | 17.590 |
| %RSD | .1034311 | .1066596 | .3085487 | .5441442 | .2496774 |
| #1 | 6031.783 | 102286.9 | 11034.00 | 4608.224 | 7046.695 |
| #2 | 6032.303 | 102069.0 | 11092.35 | 4602.967 | 7061.535 |
| #3 | 6021.253 | 102174.1 | 11032.59 | 4562.564 | 7026.493 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCB03 Acquired: 8/20/2025 15:49:22 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0015874** | **-.000061** | **.0000524** | **-.001239** | **-.000664** | **.0022425** |
| Stddev | .0004672 | .001417 | .0010224 | .000892 | .001747 | .0026051 |
| %RSD | 29.43364 | 2311.634 | 1951.715 | 71.99534 | 263.0574 | 116.1669 |
| #1 | .0015993 | -.001678 | .0009828 | -.002244 | -.000459 | .0051700 |
| #2 | .0011143 | .000963 | .0002166 | -.000931 | -.002504 | .0001796 |
| #3 | .0020485 | .000532 | -.001042 | -.000541 | .000971 | .0013781 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.003035** | **-.000055** | **.0000109** | **.0010063** | **-.000450** | **-.000036** |
| Stddev | .000756 | .000034 | .0000346 | .0037528 | .000329 | .000125 |
| %RSD | 24.90666 | 62.02063 | 317.5191 | 372.9301 | 73.13871 | 344.2550 |
| #1 | -.003447 | -.000026 | .0000266 | -.003180 | -.000622 | .000094 |
| #2 | -.003495 | -.000093 | -.000029 | .002131 | -.000658 | -.000048 |
| #3 | -.002163 | -.000047 | .000035 | .004068 | -.000071 | -.000155 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000319** | **.0002328** | **.0009010** | **-.028058** | **-.000193** | **.0004199** |
| Stddev | .000192 | .0052018 | .0002303 | .010000 | .000184 | .0004708 |
| %RSD | 60.28900 | 2234.065 | 25.56345 | 35.63969 | 95.22368 | 112.1235 |
| #1 | -.000540 | -.002343 | .0006540 | -.018539 | -.000253 | .0004599 |
| #2 | -.000201 | .006220 | .0009390 | -.038478 | .000013 | .0008694 |
| #3 | -.000214 | -.003178 | .0011099 | -.027157 | -.000339 | -.000070 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0276476** | **.0026750** | **-.000641** | **.1422258** | **.0044476** | **.0002299** |
| Stddev | .0345698 | .0031535 | .000077 | .0590281 | .0004811 | .0001696 |
| %RSD | 125.0370 | 117.8879 | 11.99404 | 41.50307 | 10.81746 | 73.78596 |
| #1 | -.009529 | -.000615 | -.000594 | .0794544 | .0047592 | .0000345 |
| #2 | .058826 | .005672 | -.000599 | .1506088 | .0038935 | .0003389 |
| #3 | .033646 | .002968 | -.000730 | .1966142 | .0046901 | .0003162 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCB03 Acquired: 8/20/2025 15:49:22 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002017 | .0002648 | .1044758 | .0004228 | F .0901592 | -.007389 |
| Stddev | .000487 | .0008356 | .1388919 | .0001374 | .0049594 | .000417 |
| %RSD | 24.15179 | 315.5334 | 132.9416 | 32.50715 | 5.500670 | 5.637733 |
| #1 | -.002158 | -.000698 | .0273287 | .0003924 | .0947773 | -.006909 |
| #2 | -.002418 | .000799 | .2648164 | .0005729 | .0907827 | -.007622 |
| #3 | -.001475 | .000694 | .0212825 | .0003031 | .0849176 | -.007638 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0001177 |
| Stddev | .0001203 |
| %RSD | 102.1705 |
| #1 | .0000830 |
| #2 | .0000186 |
| #3 | .0002515 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6342.990 | 109512.0 | 11217.58 | 4861.381 | 8083.949 |
| Stddev | 15.347 | 264.6 | 23.17 | 6.047 | 19.245 |
| %RSD | .2419473 | .2416445 | .2065673 | .1243956 | .2380648 |
| #1 | 6349.728 | 109706.5 | 11200.56 | 4863.301 | 8085.695 |
| #2 | 6325.427 | 109210.7 | 11243.97 | 4854.607 | 8063.891 |
| #3 | 6353.815 | 109618.9 | 11208.21 | 4866.235 | 8102.262 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: PB169303BL Acquired: 8/20/2025 15:53:41 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0005820** | **-.000799** | **-.000566** | **-.000593** | **-.000809** | **-.004698** |
| Stddev | .0013260 | .000269 | .000940 | .002766 | .000777 | .010529 |
| %RSD | 227.8522 | 33.68139 | 166.2372 | 466.1851 | 96.03710 | 224.1190 |
| #1 | .0013407 | -.000839 | -.001624 | .002465 | -.001693 | -.007248 |
| #2 | .0013544 | -.001045 | -.000246 | -.001325 | -.000228 | -.013719 |
| #3 | -.000949 | -.000512 | .000173 | -.002920 | -.000507 | .006872 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.003160** | **-.000052** | **-.000005** | **-.000035** | **-.000520** | **-.000091** |
| Stddev | .001215 | .000026 | .000030 | .008641 | .000253 | .000050 |
| %RSD | 38.44752 | 49.36426 | 651.7586 | 24637.61 | 48.58443 | 55.43980 |
| #1 | -.002694 | -.000078 | .000002 | .009813 | -.000693 | -.000125 |
| #2 | -.002248 | -.000049 | -.000037 | -.003570 | -.000637 | -.000114 |
| #3 | -.004539 | -.000028 | .000022 | -.006349 | -.000230 | -.000033 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000263** | **-.002318** | **.0002111** | **-.004866** | **-.000057** | **.0005426** |
| Stddev | .000176 | .002186 | .0005137 | .007237 | .000153 | .0002733 |
| %RSD | 67.17161 | 94.29892 | 243.3850 | 148.7168 | 268.2482 | 50.36511 |
| #1 | -.000453 | -.000721 | .0006305 | -.004473 | .000087 | .0008575 |
| #2 | -.000105 | -.004810 | .0003646 | .002166 | -.000218 | .0003666 |
| #3 | -.000230 | -.001424 | -.000362 | -.012291 | -.000040 | .0004038 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0071618** | **.0021764** | **-.000972** | **.0811552** | **.0015383** | **-.000012** |
| Stddev | .0195120 | .0007432 | .000227 | .0431357 | .0002746 | .000109 |
| %RSD | 272.4444 | 34.14765 | 23.32373 | 53.15210 | 17.85411 | 891.0586 |
| #1 | -.008616 | .0014673 | -.000777 | .0528566 | .0012634 | -.000130 |
| #2 | .001122 | .0029495 | -.000919 | .0598070 | .0015388 | .000009 |
| #3 | .028980 | .0021125 | -.001221 | .1308022 | .0018127 | .000084 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: PB169303BL Acquired: 8/20/2025 15:53:41 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.002120** | **-.000182** | **.0018828** | **.0004238** | F **.0603502** | **-.007666** |
| Stddev | .000135 | .000374 | .0055760 | .0009469 | .0032289 | .001580 |
| %RSD | 6.357853 | 205.3478 | 296.1562 | 223.4402 | 5.350267 | 20.61355 |
| #1 | -.002261 | .000082 | .0017761 | .0003583 | .0632991 | -.007583 |
| #2 | -.002108 | -.000610 | -.003639 | .0014017 | .0608516 | -.009285 |
| #3 | -.001992 | -.000018 | .007511 | -.000489 | .0569000 | -.006128 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **-.000006** |
| Stddev | .000038 |
| %RSD | 642.7489 |
| #1 | -.000000 |
| #2 | .000029 |
| #3 | -.000046 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6356.387** | **110216.7** | **11330.99** | **4897.193** | **8086.713** |
| Stddev | 8.422 | 348.5 | 15.85 | 23.053 | 7.543 |
| %RSD | .1324981 | .3161819 | .1398793 | .4707371 | .0932725 |
| #1 | 6362.107 | 110322.2 | 11318.46 | 4906.962 | 8082.081 |
| #2 | 6360.338 | 109827.7 | 11348.80 | 4870.864 | 8095.416 |
| #3 | 6346.715 | 110500.3 | 11325.70 | 4913.752 | 8082.641 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: PB169303BS Acquired: 8/20/2025 15:58:00 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.7798616** | **1.974867** | **.9469622** | **1.982125** | **.7794342** | **2.004153** |
| Stddev | .0053502 | .099028 | .0017656 | .014804 | .0026546 | .002157 |
| %RSD | .6860489 | 5.014418 | .1864453 | .7468996 | .3405841 | .1076183 |
| #1 | .7753933 | 2.017820 | .9489527 | 1.978655 | .7763702 | 2.001900 |
| #2 | .7784011 | 1.861615 | .9463486 | 1.969364 | .7808898 | 2.006199 |
| #3 | .7857905 | 2.045167 | .9455853 | 1.998357 | .7810426 | 2.004358 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1912461** | **.2028442** | **.1895678** | **1.026760** | **.4100419** | **.1936529** |
| Stddev | .0010053 | .0002549 | .0001851 | .009401 | .0002601 | .0004632 |
| %RSD | .5256382 | .1256595 | .0976172 | .9156428 | .0634425 | .2392070 |
| #1 | .1900959 | .2027380 | .1896671 | 1.036095 | .4103421 | .1941162 |
| #2 | .1916861 | .2026596 | .1893543 | 1.026891 | .4098829 | .1931898 |
| #3 | .1919564 | .2031350 | .1896821 | 1.017294 | .4099007 | .1936526 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.3093409** | **3.031308** | **.2005006** | **1.975678** | **.4880593** | **.0753505** |
| Stddev | .0006230 | .003746 | .0004824 | .008792 | .0002194 | .0005121 |
| %RSD | .2013991 | .1235680 | .2405766 | .4450207 | .0449610 | .6796316 |
| #1 | .3091382 | 3.035356 | .2003552 | 1.965605 | .4883048 | .0758048 |
| #2 | .3088446 | 3.030602 | .2001076 | 1.979612 | .4878822 | .0754512 |
| #3 | .3100401 | 3.027966 | .2010389 | 1.981815 | .4879909 | .0747955 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.823797** | **.2988580** | **.2108897** | **9.751599** | **.2959665** | **.3946253** |
| Stddev | .021281 | .0022179 | .0006185 | .050237 | .0003373 | .0016380 |
| %RSD | .7536132 | .7421119 | .2932907 | .5151682 | .1139797 | .4150690 |
| #1 | 2.808557 | .2984484 | .2113294 | 9.702931 | .2963273 | .3940772 |
| #2 | 2.814725 | .3012521 | .2111573 | 9.748595 | .2959130 | .3933316 |
| #3 | 2.848111 | .2968735 | .2101824 | 9.803271 | .2956590 | .3964670 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: PB169303BS Acquired: 8/20/2025 15:58:00 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6492152 | .1861974 | .8994007 | 5.460416 | F .0484551 | .1922401 |
| Stddev | .0029627 | .0010339 | .0087382 | .036771 | .0010335 | .0019145 |
| %RSD | .4563505 | .5552658 | .9715603 | .6734021 | 2.132861 | .9958756 |
| #1 | .6495628 | .1851898 | .8905121 | 5.439017 | .0479657 | .1900329 |
| #2 | .6460940 | .1861468 | .9079803 | 5.439357 | .0477572 | .1932377 |
| #3 | .6519887 | .1872557 | .8997095 | 5.502875 | .0496424 | .1934498 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1930608 |
| Stddev | .0004906 |
| %RSD | .2541253 |
| #1 | .1925280 |
| #2 | .1934939 |
| #3 | .1931606 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6287.492 | 106218.8 | 11293.34 | 4809.793 | 7752.446 |
| Stddev | 4.095 | 216.9 | 27.50 | 3.425 | 9.527 |
| %RSD | .0651303 | .2042409 | .2434805 | .0712124 | .1228864 |
| #1 | 6287.471 | 106330.7 | 11292.10 | 4808.314 | 7745.768 |
| #2 | 6283.407 | 106356.9 | 11321.43 | 4807.355 | 7748.215 |
| #3 | 6291.597 | 105968.7 | 11266.48 | 4813.709 | 7763.355 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-01 Acquired: 8/20/2025 16:02:00 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.001433** | **-.001988** | **.0050607** | **.0014664** | **-.000549** | **.0478653** | **.0011208** |
| Stddev | .001213 | .001036 | .0012155 | .0021843 | .001164 | .0031199 | .0007738 |
| %RSD | 84.63479 | 52.10172 | 24.01855 | 148.9605 | 211.9729 | 6.518091 | 69.04092 |
| #1 | -.002831 | -.001683 | .0054060 | .0010964 | -.000070 | .0446973 | .0020076 |
| #2 | -.000657 | -.001139 | .0060662 | -.000509 | .000299 | .0509348 | .0007729 |
| #3 | -.000812 | -.003142 | .0037099 | .003812 | -.001876 | .0479638 | .0005820 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000114** | **.0000179** | **3.795015** | **-.000107** | **.0060428** | **.0142734** | **1.131198** |
| Stddev | .000054 | .0000518 | .004171 | .000067 | .0001944 | .0003103 | .003647 |
| %RSD | 47.11084 | 289.7730 | .1099030 | 62.63434 | 3.217745 | 2.174199 | .3223714 |
| #1 | -.000062 | .0000497 | 3.793764 | -.000169 | .0058183 | .0143836 | 1.127088 |
| #2 | -.000170 | -.000042 | 3.799668 | -.000117 | .0061572 | .0139230 | 1.132461 |
| #3 | -.000111 | .000046 | 3.791612 | -.000036 | .0061529 | .0145136 | 1.134045 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0157154** | **1.469035** | **.0072678** | **.0001355** | **12.08933** | **.0027760** | **.0295800** |
| Stddev | .0002710 | .026786 | .0000596 | .0001698 | .07262 | .0013825 | .0002687 |
| %RSD | 1.724446 | 1.823389 | .8203985 | 125.2978 | .6006847 | 49.80158 | .9085336 |
| #1 | .0160086 | 1.499854 | .0073364 | .0000140 | 12.03673 | .0011796 | .0298834 |
| #2 | .0156633 | 1.451357 | .0072286 | .0003295 | 12.05908 | .0035684 | .0294847 |
| #3 | .0154742 | 1.455893 | .0072383 | .0000630 | 12.17219 | .0035799 | .0293719 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.5267241** | **.0083004** | **.0005060** | **-.016282** | **-.000545** | **5.324327** | **.0065369** |
| Stddev | .0260761 | .0005183 | .0001457 | .000484 | .000899 | .029524 | .0007317 |
| %RSD | 4.950623 | 6.243821 | 28.78929 | 2.972322 | 165.0278 | .5545109 | 11.19304 |
| #1 | .5231359 | .0077139 | .0004151 | -.016707 | -.000092 | 5.321795 | .0071526 |
| #2 | .5544086 | .0084903 | .0004289 | -.015755 | -.001581 | 5.296151 | .0067301 |
| #3 | .5026280 | .0086968 | .0006741 | -.016384 | .000037 | 5.355035 | .0057280 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-01 Acquired: 8/20/2025 16:02:00 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **4.695664** | **-.013335** | **.0194870** |
| Stddev | .018475 | .000721 | .0001230 |
| %RSD | .3934534 | 5.407682 | .6311082 |
| | | | |
| #1 | 4.681231 | -.013363 | .0194128 |
| #2 | 4.689275 | -.012601 | .0196290 |
| #3 | 4.716486 | -.014042 | .0194193 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6358.851** | **110617.5** | **11494.03** | **4859.150** | **7961.357** |
| Stddev | 10.944 | 449.6 | 55.35 | 10.890 | 9.099 |
| %RSD | .1720989 | .4064529 | .4815779 | .2241212 | .1142909 |
| | | | | | |
| #1 | 6346.216 | 110687.6 | 11448.93 | 4846.624 | 7954.162 |
| #2 | 6365.307 | 111027.9 | 11477.36 | 4864.444 | 7971.585 |
| #3 | 6365.031 | 110136.9 | 11555.80 | 4866.381 | 7958.324 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02 Acquired: 8/20/2025 16:06:17 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.002823** | **-.000943** | **.0016932** | **.0012803** | **.0010497** | **.0539177** | **-.000764** |
| Stddev | .000720 | .000702 | .0005488 | .0008144 | .0007496 | .0050546 | .000586 |
| %RSD | 25.50487 | 74.47204 | 32.41362 | 63.61062 | 71.40827 | 9.374695 | 76.65511 |
| #1 | -.002982 | -.000715 | .0018592 | .0003528 | .0007045 | .0545539 | -.000574 |
| #2 | -.003450 | -.001731 | .0010805 | .0016099 | .0005350 | .0586242 | -.001422 |
| #3 | -.002037 | -.000383 | .0021398 | .0018783 | .0019098 | .0485752 | -.000297 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000107** | **.0000530** | **4.088617** | **-.000148** | **.0065447** | **.0045239** | **.1070616** |
| Stddev | .000042 | .0000843 | .015247 | .000153 | .0000543 | .0002662 | .0025056 |
| %RSD | 39.49229 | 159.1160 | .3729214 | 103.6171 | .8303515 | 5.885021 | 2.340374 |
| #1 | -.000060 | .0001502 | 4.097027 | .000029 | .0065303 | .0042194 | .1076434 |
| #2 | -.000143 | .0000002 | 4.071017 | -.000228 | .0064990 | .0046393 | .1043163 |
| #3 | -.000118 | .0000085 | 4.097808 | -.000246 | .0066048 | .0047129 | .1092252 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0188846** | **1.607884** | **.0072994** | **.0001705** | **12.15598** | **.0022121** | **.0282346** |
| Stddev | .0004392 | .021055 | .0001525 | .0004759 | .01565 | .0026766 | .0002215 |
| %RSD | 2.325710 | 1.309478 | 2.089759 | 279.1181 | .1287808 | 120.9989 | .7846182 |
| #1 | .0190640 | 1.624250 | .0071436 | -.000008 | 12.16061 | .0006189 | .0283594 |
| #2 | .0183840 | 1.584131 | .0074484 | -.000191 | 12.16880 | .0053022 | .0283655 |
| #3 | .0192056 | 1.615271 | .0073063 | .000710 | 12.13853 | .0007151 | .0279788 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.6315239** | **.0079561** | **.0004042** | **-.015770** | **.0007541** | **5.608318** | **.0083677** |
| Stddev | .0052933 | .0003093 | .0001087 | .000153 | .0010240 | .008702 | .0015004 |
| %RSD | .8381811 | 3.887578 | 26.90046 | .9689758 | 135.7835 | .1551586 | 17.93060 |
| #1 | .6262729 | .0076218 | .0003316 | -.015936 | -.000395 | 5.615877 | .0100999 |
| #2 | .6314403 | .0082321 | .0005293 | -.015636 | .001086 | 5.610271 | .0075301 |
| #3 | .6368585 | .0080143 | .0003518 | -.015737 | .001571 | 5.598805 | .0074731 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02 Acquired: 8/20/2025 16:06:17 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **5.121587** | **-.015099** | **.0220459** |
| Stddev | .032560 | .000790 | .0001085 |
| %RSD | .6357381 | 5.231298 | .4920469 |
| #1 | 5.095039 | -.015954 | .0221401 |
| #2 | 5.157917 | -.014397 | .0219273 |
| #3 | 5.111806 | -.014947 | .0220703 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6352.649** | **110934.0** | **11306.74** | **4866.629** | **7936.678** |
| Stddev | 4.191 | 100.7 | 34.02 | 11.301 | 2.743 |
| %RSD | .0659660 | .0907577 | .3008982 | .2322065 | .0345613 |
| #1 | 6349.265 | 111050.2 | 11294.00 | 4853.644 | 7938.859 |
| #2 | 6357.336 | 110872.7 | 11345.29 | 4874.241 | 7937.577 |
| #3 | 6351.344 | 110879.3 | 11280.93 | 4872.001 | 7933.599 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02DUP Acquired: 8/20/2025 16:10:34 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.001543** | **-.001578** | **.0021606** | **.0019649** | **.0012934** | **.0551826** | **.0002673** |
| Stddev | .000553 | .000829 | .0009206 | .0009593 | .0006149 | .0102380 | .0006829 |
| %RSD | 35.81337 | 52.52526 | 42.60599 | 48.82261 | 47.54194 | 18.55293 | 255.4772 |
| #1 | -.001137 | -.002299 | .0010977 | .0009271 | .0018686 | .0669744 | -.000335 |
| #2 | -.002173 | -.000672 | .0026984 | .0028191 | .0013663 | .0485579 | .001009 |
| #3 | -.001320 | -.001762 | .0026858 | .0021484 | .0006453 | .0500154 | .000128 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000150** | **.0000196** | **4.370477** | **.0019269** | **.0068983** | **.0048716** | **.1257415** |
| Stddev | .000057 | .0000653 | .005116 | .0000913 | .0001532 | .0001482 | .0040744 |
| %RSD | 38.44892 | 333.4741 | .1170509 | 4.740971 | 2.221399 | 3.041132 | 3.240296 |
| #1 | -.000178 | -.000018 | 4.371577 | .0020290 | .0067213 | .0048318 | .1210523 |
| #2 | -.000187 | -.000019 | 4.364901 | .0018530 | .0069891 | .0050356 | .1284169 |
| #3 | -.000083 | .000095 | 4.374954 | .0018986 | .0069843 | .0047475 | .1277552 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0270532** | **1.682501** | **.0080591** | **-.000074** | **13.52001** | **.0038388** | **.0294606** |
| Stddev | .0005082 | .012638 | .0002588 | .000159 | .03292 | .0016597 | .0002484 |
| %RSD | 1.878440 | .7511149 | 3.211664 | 216.1354 | .2434589 | 43.23539 | .8430958 |
| #1 | .0268363 | 1.677552 | .0081331 | -.000213 | 13.54999 | .0019804 | .0296228 |
| #2 | .0276339 | 1.696864 | .0077713 | -.000108 | 13.52526 | .0051735 | .0291746 |
| #3 | .0266895 | 1.673086 | .0082729 | .000100 | 13.48479 | .0043625 | .0295843 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.7025677** | **.0075995** | **.0003818** | **-.014933** | **.0001462** | **6.054510** | **.0100178** |
| Stddev | .0044231 | .0008804 | .0002393 | .000069 | .0010588 | .015620 | .0002053 |
| %RSD | .6295553 | 11.58548 | 62.67160 | .4600935 | 724.3841 | .2579864 | 2.049035 |
| #1 | .6974771 | .0070535 | .0003747 | -.014855 | -.000819 | 6.039633 | .0101788 |
| #2 | .7054707 | .0071298 | .0006245 | -.014982 | -.000021 | 6.053117 | .0100878 |
| #3 | .7047554 | .0086152 | .0001461 | -.014963 | .001278 | 6.070779 | .0097866 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02DUP Acquired: 8/20/2025 16:10:34 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **5.385817** | **-.013578** | **.0234303** |
| Stddev | .016927 | .002137 | .0000236 |
| %RSD | .3142966 | 15.73585 | .1008071 |
| #1 | 5.366277 | -.011655 | .0234164 |
| #2 | 5.395153 | -.015878 | .0234576 |
| #3 | 5.396021 | -.013200 | .0234169 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6275.253** | **108693.6** | **11358.40** | **4788.673** | **7841.135** |
| Stddev | 10.767 | 129.7 | 37.12 | 5.322 | 13.041 |
| %RSD | .1715767 | .1193006 | .3268370 | .1111372 | .1663183 |
| #1 | 6276.438 | 108784.8 | 11371.68 | 4783.219 | 7847.262 |
| #2 | 6285.379 | 108545.2 | 11316.46 | 4793.852 | 7849.983 |
| #3 | 6263.943 | 108750.9 | 11387.05 | 4788.949 | 7826.158 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02LX5 Acquired: 8/20/2025 16:14:49 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0003588 | -.000824 | .0002896 | .0006237 | -.002461 | .0080431 | -.002197 |
| Stddev | .0013000 | .001593 | .0013521 | .0011632 | .000983 | .0053918 | .000425 |
| %RSD | 362.3775 | 193.2966 | 466.8769 | 186.4973 | 39.95971 | 67.03610 | 19.32320 |
| #1 | .0001212 | .000983 | -.001168 | -.000591 | -.001996 | .0037075 | -.002654 |
| #2 | -.000806 | -.001429 | .000534 | .001728 | -.003591 | .0140804 | -.001815 |
| #3 | .001761 | -.002026 | .001503 | .000734 | -.001796 | .0063414 | -.002122 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000034 | -.000014 | .9088734 | -.000292 | .0013520 | .0008614 | .0253596 |
| Stddev | .000030 | .000025 | .0038764 | .000574 | .0000247 | .0002354 | .0026288 |
| %RSD | 89.42252 | 182.0867 | .4265004 | 196.6533 | 1.827672 | 27.32871 | 10.36603 |
| #1 | -.000052 | .000002 | .9109827 | .000358 | .0013257 | .0007172 | .0276231 |
| #2 | .000001 | -.000001 | .9112377 | -.000504 | .0013556 | .0007340 | .0224763 |
| #3 | -.000051 | -.000043 | .9043998 | -.000730 | .0013747 | .0011330 | .0259794 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0048388 | .3493109 | .0015208 | .0003621 | 2.733006 | .0019844 | .0051514 |
| Stddev | .0003588 | .0275183 | .0002104 | .0001311 | .008256 | .0014662 | .0001225 |
| %RSD | 7.415815 | 7.877878 | 13.83543 | 36.20012 | .3020666 | 73.88310 | 2.377746 |
| #1 | .0052188 | .3198406 | .0012786 | .0004915 | 2.741942 | .0036701 | .0050142 |
| #2 | .0047918 | .3537561 | .0016585 | .0002294 | 2.731411 | .0012781 | .0051903 |
| #3 | .0045057 | .3743360 | .0016253 | .0003653 | 2.725664 | .0010052 | .0052497 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0504125 | .0011808 | .0001052 | -.005237 | .0002152 | 1.245364 | .0021566 |
| Stddev | .0322807 | .0006472 | .0000925 | .000254 | .0011422 | .008436 | .0004046 |
| %RSD | 64.03302 | 54.80838 | 87.93960 | 4.845903 | 530.7985 | .6774324 | 18.75887 |
| #1 | .0151228 | .0009137 | .0000201 | -.005072 | -.000015 | 1.235730 | .0022959 |
| #2 | .0576642 | .0019188 | .0002036 | -.005109 | -.000794 | 1.248935 | .0017008 |
| #3 | .0784505 | .0007099 | .0000917 | -.005529 | .001455 | 1.251428 | .0024732 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02LX5 Acquired: 8/20/2025 16:14:49 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.157389 | -.009482 | .0048856 |
| Stddev | .017981 | .000605 | .0000518 |
| %RSD | 1.553623 | 6.382258 | 1.059569 |
| #1 | 1.173868 | -.010102 | .0049427 |
| #2 | 1.160088 | -.009450 | .0048417 |
| #3 | 1.138210 | -.008893 | .0048725 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6383.128 | 110168.2 | 11333.06 | 4865.322 | 8025.918 |
| Stddev | 4.125 | 203.3 | 27.32 | 13.346 | 7.907 |
| %RSD | .0646279 | .1845797 | .2410943 | .2743148 | .0985160 |
| #1 | 6382.656 | 109974.7 | 11325.72 | 4850.001 | 8034.968 |
| #2 | 6379.259 | 110149.8 | 11310.16 | 4871.542 | 8020.348 |
| #3 | 6387.469 | 110380.2 | 11363.30 | 4874.423 | 8022.439 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02MS Acquired: 8/20/2025 16:19:08 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7381503 | 1.821396 | .8694930 | 1.822598 | .7427555 | 1.938088 | .1831413 |
| Stddev | .0024113 | .018842 | .0016154 | .006549 | .0019948 | .006166 | .0006972 |
| %RSD | .3266706 | 1.034461 | .1857826 | .3593220 | .2685736 | .3181293 | .3806798 |
| #1 | .7408611 | 1.842636 | .8706346 | 1.820178 | .7438749 | 1.937784 | .1838385 |
| #2 | .7362443 | 1.806694 | .8676447 | 1.817604 | .7404524 | 1.944400 | .1831414 |
| #3 | .7373456 | 1.814858 | .8701996 | 1.830013 | .7439393 | 1.932079 | .1824441 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1830952 | .1758302 | 5.088816 | .3913895 | .1895926 | .2909710 | 2.901044 |
| Stddev | .0007606 | .0000919 | .007178 | .0012957 | .0003332 | .0008872 | .011535 |
| %RSD | .4154141 | .0522772 | .1410511 | .3310489 | .1757424 | .3049152 | .3976298 |
| #1 | .1835672 | .1757900 | 5.090882 | .3928571 | .1892490 | .2911148 | 2.897610 |
| #2 | .1835007 | .1757653 | 5.094735 | .3904037 | .1896147 | .2917775 | 2.891614 |
| #3 | .1822178 | .1759354 | 5.080832 | .3909078 | .1899143 | .2900207 | 2.913906 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2144788 | 3.496864 | .4621975 | .0675169 | 15.67888 | .2856271 | .2237178 |
| Stddev | .0010070 | .022904 | .0004117 | .0010096 | .02853 | .0011684 | .0002990 |
| %RSD | .4694934 | .6549966 | .0890790 | 1.495341 | .1819455 | .4090676 | .1336373 |
| #1 | .2144481 | 3.519695 | .4626605 | .0682812 | 15.67973 | .2862626 | .2240479 |
| #2 | .2155007 | 3.497010 | .4618725 | .0678972 | 15.64994 | .2842787 | .2236401 |
| #3 | .2134875 | 3.473887 | .4620594 | .0663724 | 15.70698 | .2863401 | .2234653 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.662278 | .2578335 | .4038248 | .6163397 | .1820259 | 6.610523 | 4.990816 |
| Stddev | .019151 | .0002256 | .0006623 | .0006190 | .0012805 | .019146 | .013740 |
| %RSD | .1982084 | .0874857 | .1640124 | .1004310 | .7034666 | .2896291 | .2753131 |
| #1 | 9.684275 | .2580556 | .4039580 | .6162129 | .1817381 | 6.617767 | 5.006680 |
| #2 | 9.649315 | .2578401 | .4031059 | .6157940 | .1834258 | 6.588812 | 4.983039 |
| #3 | 9.653243 | .2576046 | .4044103 | .6170123 | .1809138 | 6.624990 | 4.982727 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02MS Acquired: 8/20/2025 16:19:08 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **5.314715** | **.1708354** | **.2031649** |
| Stddev | .010725 | .0017882 | .0005100 |
| %RSD | .2017936 | 1.046746 | .2510153 |
| | | | |
| #1 | 5.318828 | .1690576 | .2036452 |
| #2 | 5.302543 | .1726338 | .2032197 |
| #3 | 5.322775 | .1708147 | .2026297 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6301.008** | **110127.4** | **11446.45** | **4818.440** | **7773.372** |
| Stddev | 4.567 | 384.5 | 60.27 | 10.832 | 15.547 |
| %RSD | .0724876 | .3491261 | .5265094 | .2247935 | .1999979 |
| | | | | | |
| #1 | 6306.038 | 109697.1 | 11389.95 | 4830.754 | 7789.603 |
| #2 | 6299.868 | 110437.1 | 11439.50 | 4814.177 | 7771.897 |
| #3 | 6297.119 | 110248.1 | 11509.88 | 4810.388 | 7758.615 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02MSD Acquired: 8/20/2025 16:23:07 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7227484 | 1.765213 | .8443304 | 1.782994 | .7312795 | 1.866827 | .1794753 |
| Stddev | .0021720 | .018219 | .0016320 | .001567 | .0009255 | .014119 | .0017119 |
| %RSD | .3005244 | 1.032092 | .1932876 | .0879136 | .1265589 | .7563152 | .9538520 |
| #1 | .7204580 | 1.753966 | .8436017 | 1.781461 | .7313534 | 1.867348 | .1788673 |
| #2 | .7230086 | 1.786233 | .8431897 | 1.782929 | .7303192 | 1.852455 | .1781503 |
| #3 | .7247786 | 1.755441 | .8461998 | 1.784593 | .7321658 | 1.880679 | .1814082 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1779364 | .1712299 | 4.968939 | .3808537 | .1839677 | .2833374 | 2.832392 |
| Stddev | .0013018 | .0001881 | .012276 | .0009708 | .0002961 | .0000993 | .010671 |
| %RSD | .7315964 | .1098266 | .2470608 | .2548940 | .1609248 | .0350319 | .3767513 |
| #1 | .1772673 | .1710209 | 4.961742 | .3818830 | .1836868 | .2832494 | 2.844290 |
| #2 | .1771053 | .1712836 | 4.961961 | .3807238 | .1839395 | .2834450 | 2.823669 |
| #3 | .1794367 | .1713853 | 4.983114 | .3799545 | .1842769 | .2833178 | 2.829217 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2137651 | 3.377922 | .4490855 | .0656672 | 15.38241 | .2796133 | .2166814 |
| Stddev | .0008954 | .030384 | .0007474 | .0003264 | .09998 | .0009016 | .0004378 |
| %RSD | .4188731 | .8994829 | .1664296 | .4970803 | .6499784 | .3224364 | .2020315 |
| #1 | .2129597 | 3.390472 | .4484833 | .0657264 | 15.47316 | .2804142 | .2165803 |
| #2 | .2136065 | 3.343273 | .4488512 | .0653152 | 15.39886 | .2797887 | .2171608 |
| #3 | .2147293 | 3.400019 | .4499220 | .0659599 | 15.27523 | .2786369 | .2163030 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.479602 | .2508619 | .3976607 | .6026003 | .1788256 | 6.483940 | 4.845965 |
| Stddev | .043562 | .0023958 | .0006273 | .0016788 | .0011702 | .008493 | .012389 |
| %RSD | .4595331 | .9550417 | .1577417 | .2785907 | .6544047 | .1309893 | .2556458 |
| #1 | 9.529406 | .2490576 | .3972876 | .6010129 | .1784296 | 6.488388 | 4.833763 |
| #2 | 9.460806 | .2499478 | .3973095 | .6024304 | .1779047 | 6.489286 | 4.845600 |
| #3 | 9.448593 | .2535802 | .3983849 | .6043576 | .1801425 | 6.474147 | 4.858532 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02MSD Acquired: 8/20/2025 16:23:07 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.158675 | .1659085 | .1977870 |
| Stddev | .018870 | .0005969 | .0009633 |
| %RSD | .3657831 | .3597685 | .4870199 |
| #1 | 5.137000 | .1652217 | .1985331 |
| #2 | 5.167593 | .1663017 | .1966996 |
| #3 | 5.171433 | .1662021 | .1981284 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6291.687 | 110416.0 | 11497.21 | 4858.928 | 7772.396 |
| Stddev | 9.087 | 293.6 | 54.48 | 35.074 | 15.153 |
| %RSD | .1444224 | .2659372 | .4738461 | .7218516 | .1949545 |
| #1 | 6289.609 | 110194.5 | 11514.58 | 4819.802 | 7778.304 |
| #2 | 6301.633 | 110304.4 | 11540.88 | 4869.428 | 7783.704 |
| #3 | 6283.820 | 110749.0 | 11436.16 | 4887.552 | 7755.179 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02A Acquired: 8/20/2025 16:27:04 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7772262 | 1.971551 | .9133421 | 1.930501 | .7815287 | 2.044403 | .1937596 |
| Stddev | .0025544 | .027109 | .0028797 | .003379 | .0011183 | .005014 | .0018717 |
| %RSD | .3286527 | 1.375019 | .3152870 | .1750327 | .1430888 | .2452639 | .9659927 |
| #1 | .7775245 | 1.978779 | .9121524 | 1.933439 | .7824329 | 2.043816 | .1921772 |
| #2 | .7796183 | 1.994315 | .9112478 | 1.931256 | .7818750 | 2.049684 | .1958256 |
| #3 | .7745358 | 1.941561 | .9166259 | 1.926808 | .7802782 | 2.039708 | .1932759 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1911850 | .1852388 | 5.154899 | .4130848 | .1984734 | .3060373 | 3.144183 |
| Stddev | .0007185 | .0003139 | .005109 | .0019482 | .0004404 | .0005831 | .016994 |
| %RSD | .3758225 | .1694426 | .0991042 | .4716214 | .2218711 | .1905458 | .5405000 |
| #1 | .1911651 | .1849097 | 5.159502 | .4113393 | .1979701 | .3053783 | 3.124957 |
| #2 | .1919132 | .1852719 | 5.155791 | .4151866 | .1986628 | .3064868 | 3.157199 |
| #3 | .1904766 | .1855348 | 5.149402 | .4127286 | .1987875 | .3062466 | 3.150393 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2174879 | 3.575599 | .4866599 | .0694288 | 16.31972 | .3033517 | .2365926 |
| Stddev | .0005552 | .019045 | .0009990 | .0005089 | .11918 | .0005511 | .0012808 |
| %RSD | .2552661 | .5326365 | .2052727 | .7329025 | .7303059 | .1816578 | .5413615 |
| #1 | .2168861 | 3.566701 | .4856951 | .0690466 | 16.18704 | .3033464 | .2357932 |
| #2 | .2175974 | 3.562631 | .4865947 | .0700064 | 16.41769 | .3039054 | .2380699 |
| #3 | .2179802 | 3.597464 | .4876898 | .0692335 | 16.35444 | .3028033 | .2359146 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.41536 | .2710821 | .4230092 | .6435876 | .1885016 | 6.910515 | 5.260383 |
| Stddev | .06581 | .0012433 | .0002475 | .0002327 | .0009449 | .017234 | .006137 |
| %RSD | .6318935 | .4586512 | .0584991 | .0361625 | .5012434 | .2493871 | .1166699 |
| #1 | 10.34042 | .2715180 | .4232033 | .6438427 | .1874625 | 6.900567 | 5.253802 |
| #2 | 10.46377 | .2720487 | .4227306 | .6433868 | .1893092 | 6.900563 | 5.265950 |
| #3 | 10.44188 | .2696795 | .4230937 | .6435332 | .1887330 | 6.930415 | 5.261396 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2881-02A Acquired: 8/20/2025 16:27:04 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.224338 | .1816664 | .2138239 |
| Stddev | .016341 | .0007488 | .0006127 |
| %RSD | .3127797 | .4121793 | .2865486 |
| #1 | 5.239369 | .1810667 | .2131628 |
| #2 | 5.226700 | .1814268 | .2143727 |
| #3 | 5.206945 | .1825056 | .2139363 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6272.888 | 107502.4 | 11509.41 | 4800.024 | 7748.698 |
| Stddev | .967 | 242.3 | 26.09 | 21.625 | 3.881 |
| %RSD | .0154097 | .2253991 | .2266839 | .4505234 | .0500904 |
| #1 | 6273.814 | 107767.9 | 11510.33 | 4806.736 | 7751.722 |
| #2 | 6271.886 | 107293.3 | 11482.86 | 4775.839 | 7744.321 |
| #3 | 6272.964 | 107446.0 | 11535.02 | 4817.498 | 7750.050 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2814-01 Acquired: 8/20/2025 16:31:02 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0003099** | **-.001713** | **.0069933** | **.0016998** | **.0034726** | **.9349769** |
| Stddev | .0020081 | .000719 | .0001246 | .0012500 | .0009081 | .0053510 |
| %RSD | 648.0577 | 41.97522 | 1.782004 | 73.54042 | 26.14939 | .5723117 |
| #1 | -.001566 | -.002534 | .0068965 | .0007034 | .0041191 | .9374555 |
| #2 | .000067 | -.001404 | .0069496 | .0012936 | .0024344 | .9288360 |
| #3 | .002428 | -.001199 | .0071339 | .0031025 | .0038642 | .9386392 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0741388** | **-.000074** | **.0001957** | **45.03411** | **.0061468** | **.0001160** |
| Stddev | .0010403 | .000019 | .0000723 | .11692 | .0001317 | .0001109 |
| %RSD | 1.403225 | 25.53618 | 36.94868 | .2596183 | 2.142728 | 95.52886 |
| #1 | .0746063 | -.000064 | .0002716 | 44.94114 | .0062031 | -.000010 |
| #2 | .0748632 | -.000096 | .0001276 | 45.16537 | .0062410 | .000159 |
| #3 | .0729467 | -.000063 | .0001880 | 44.99583 | .0059963 | .000199 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0073040** | **1.924042** | **.0359256** | **25.45586** | **.0018767** | **.0001393** |
| Stddev | .0002487 | .020286 | .0008708 | .04056 | .0003226 | .0003008 |
| %RSD | 3.405356 | 1.054348 | 2.423970 | .1593501 | 17.19157 | 216.0049 |
| #1 | .0071206 | 1.904775 | .0356153 | 25.48047 | .0020683 | .0002120 |
| #2 | .0072044 | 1.922138 | .0369090 | 25.47806 | .0015042 | .0003970 |
| #3 | .0075871 | 1.945213 | .0352524 | 25.40904 | .0020576 | -.000191 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **137.7688** | **.0078666** | **.0320256** | **27.30660** | **.1727379** | **.0035157** |
| Stddev | .5903 | .0022332 | .0002403 | .05721 | .0005493 | .0001008 |
| %RSD | .4284916 | 28.38821 | .7502223 | .2095226 | .3180228 | 2.867879 |
| #1 | 137.0872 | .0053061 | .0322701 | 27.26546 | .1732227 | .0034148 |
| #2 | 138.1205 | .0094112 | .0320168 | 27.28239 | .1728498 | .0036164 |
| #3 | 138.0985 | .0088825 | .0317898 | 27.37193 | .1721413 | .0035159 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2814-01 Acquired: 8/20/2025 16:31:02 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.015055** | **.0338486** | F **13.25954** | **1.042958** | **4.270758** | **-.018078** |
| Stddev | .000653 | .0007611 | .09573 | .004133 | .015688 | .001364 |
| %RSD | 4.337140 | 2.248625 | .7219387 | .3963227 | .3673405 | 7.544353 |
| #1 | -.015498 | .0344688 | 13.17594 | 1.047665 | 4.283735 | -.019591 |
| #2 | -.014305 | .0329992 | 13.23872 | 1.039921 | 4.275215 | -.017703 |
| #3 | -.015363 | .0340777 | 13.36396 | 1.041287 | 4.253323 | -.016941 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.3749724** |
| Stddev | .0021097 |
| %RSD | .5626317 |
| #1 | .3746567 |
| #2 | .3772221 |
| #3 | .3730383 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **5916.784** | **102117.4** | **11088.09** | **4549.645** | **6989.462** |
| Stddev | 2.038 | 390.8 | 30.82 | 37.027 | 7.259 |
| %RSD | .0344427 | .3826650 | .2779487 | .8138476 | .1038561 |
| #1 | 5914.661 | 102200.8 | 11068.85 | 4553.487 | 6983.826 |
| #2 | 5916.966 | 102459.8 | 11071.78 | 4584.601 | 6997.653 |
| #3 | 5918.725 | 101691.7 | 11123.64 | 4510.846 | 6986.906 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCV04 Acquired: 8/20/2025 16:35:17 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.052088** | **5.148766** | **4.929721** | **5.091073** | **5.052871** | **9.867562** | **9.767982** |
| Stddev | .028574 | .104411 | .028974 | .033635 | .026837 | .009533 | .076229 |
| %RSD | .5655956 | 2.027882 | .5877312 | .6606675 | .5311224 | .0966125 | .7803998 |
| #1 | 5.037864 | 5.083242 | 4.902991 | 5.079414 | 5.033532 | 9.856588 | 9.774234 |
| #2 | 5.084983 | 5.269173 | 4.960510 | 5.128986 | 5.083510 | 9.873803 | 9.840892 |
| #3 | 5.033417 | 5.093883 | 4.925662 | 5.064819 | 5.041571 | 9.872294 | 9.688819 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2471579** | **2.484598** | **24.59102** | **1.005860** | **2.476198** | **1.255739** | **4.977099** |
| Stddev | .0006800 | .013485 | .02104 | .000886 | .011949 | .006329 | .008757 |
| %RSD | .2751229 | .5427621 | .0855675 | .0881111 | .4825549 | .5039929 | .1759395 |
| #1 | .2466057 | 2.471157 | 24.60851 | 1.005061 | 2.464175 | 1.249711 | 4.986569 |
| #2 | .2469506 | 2.498127 | 24.56767 | 1.005706 | 2.488072 | 1.262331 | 4.969296 |
| #3 | .2479174 | 2.484509 | 24.59690 | 1.006813 | 2.476347 | 1.255174 | 4.975432 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.431889** | **24.54368** | **2.483240** | **1.249076** | **23.81423** | **2.473984** | **2.525421** |
| Stddev | .009780 | .05496 | .013927 | .000733 | .20270 | .004768 | .006206 |
| %RSD | .4021734 | .2239394 | .5608305 | .0586825 | .8511738 | .1927429 | .2457283 |
| #1 | 2.441377 | 24.50180 | 2.468943 | 1.249574 | 24.04814 | 2.477534 | 2.531160 |
| #2 | 2.421841 | 24.52331 | 2.496764 | 1.249418 | 23.69024 | 2.468564 | 2.526266 |
| #3 | 2.432450 | 24.60592 | 2.484013 | 1.248234 | 23.70430 | 2.475853 | 2.518836 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **24.79694** | **4.919787** | **5.084770** | **4.987489** | **4.897649** | **4.976035** | **4.960306** |
| Stddev | .04728 | .016763 | .027188 | .027146 | .012934 | .014692 | .039215 |
| %RSD | .1906687 | .3407213 | .5346932 | .5442742 | .2640941 | .2952561 | .7905677 |
| #1 | 24.82207 | 4.904878 | 5.065353 | 4.967446 | 4.912249 | 4.961618 | 4.936060 |
| #2 | 24.74240 | 4.916552 | 5.115843 | 5.018382 | 4.887624 | 4.975500 | 5.005548 |
| #3 | 24.82634 | 4.937932 | 5.073116 | 4.976641 | 4.893073 | 4.990987 | 4.939310 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCV04 Acquired: 8/20/2025 16:35:17 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **4.981653** | **4.747346** | **4.920480** |
| Stddev | .031923 | .017030 | .059266 |
| %RSD | .6408097 | .3587166 | 1.204467 |
| #1 | 4.963136 | 4.760944 | 4.866735 |
| #2 | 5.018514 | 4.728246 | 4.910663 |
| #3 | 4.963309 | 4.752850 | 4.984041 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6061.915** | **105522.1** | **11297.17** | **4721.360** | **7064.292** |
| Stddev | 29.066 | 34.8 | 28.12 | 22.732 | 34.586 |
| %RSD | .4794921 | .0329835 | .2488683 | .4814802 | .4895915 |
| #1 | 6085.412 | 105539.6 | 11326.12 | 4704.912 | 7098.864 |
| #2 | 6029.411 | 105544.6 | 11295.41 | 4711.867 | 7029.692 |
| #3 | 6070.920 | 105482.0 | 11269.97 | 4747.300 | 7064.321 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCB04 Acquired: 8/20/2025 16:39:28 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000475** | **-.000495** | **.0004625** | **.0003753** | **-.000974** | **.0030327** |
| Stddev | .001609 | .001268 | .0005123 | .0006468 | .000610 | .0057079 |
| %RSD | 339.1047 | 256.4340 | 110.7598 | 172.3694 | 62.64853 | 188.2141 |
| #1 | -.001572 | .000824 | -.000046 | -.000182 | -.001255 | -.002824 |
| #2 | -.001224 | -.000603 | .000978 | .000223 | -.000274 | .003342 |
| #3 | .001373 | -.001705 | .000456 | .001085 | -.001393 | .008580 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.003118** | **-.000085** | **.0000228** | **.0042483** | **-.000544** | **-.000107** |
| Stddev | .000984 | .000037 | .0000489 | .0046477 | .000246 | .000095 |
| %RSD | 31.55861 | 43.60070 | 214.2145 | 109.4017 | 45.14507 | 88.88505 |
| #1 | -.002441 | -.000113 | .0000601 | .0001642 | -.000729 | .000002 |
| #2 | -.004246 | -.000043 | .0000409 | .0093055 | -.000265 | -.000154 |
| #3 | -.002666 | -.000099 | -.000033 | .0032752 | -.000638 | -.000171 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000327** | **-.006028** | **.0005548** | **-.010587** | **.0002811** | **.0004798** |
| Stddev | .000295 | .000899 | .0000212 | .015219 | .0001224 | .0001382 |
| %RSD | 90.04151 | 14.90723 | 3.822983 | 143.7452 | 43.54965 | 28.79566 |
| #1 | -.000621 | -.005025 | .0005425 | .005981 | .0001918 | .0003925 |
| #2 | -.000330 | -.006761 | .0005793 | -.013798 | .0002310 | .0006391 |
| #3 | -.000031 | -.006299 | .0005425 | -.023944 | .0004207 | .0004078 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0285990** | **.0032238** | **-.000221** | **.0805686** | **.0043257** | **.0002796** |
| Stddev | .0169256 | .0006119 | .000039 | .0641514 | .0005309 | .0002561 |
| %RSD | 59.18249 | 18.98036 | 17.84852 | 79.62328 | 12.27303 | 91.59690 |
| #1 | .0090615 | .0027189 | -.000217 | .0079081 | .0040711 | .0004177 |
| #2 | .0379299 | .0039043 | -.000184 | .1044195 | .0039702 | -.000016 |
| #3 | .0388055 | .0030482 | -.000263 | .1293783 | .0049360 | .000437 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCB04 Acquired: 8/20/2025 16:39:28 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.001875** | **-.000442** | **.0121152** | **-.000014** | F **.0261418** | **-.007019** |
| Stddev | .000434 | .000568 | .0063614 | .000789 | .0015133 | .001009 |
| %RSD | 23.12934 | 128.4322 | 52.50764 | 5788.459 | 5.788680 | 14.37808 |
| #1 | -.001564 | -.000553 | .0050403 | -.000501 | .0274876 | -.008140 |
| #2 | -.001690 | -.000947 | .0173634 | .000897 | .0264341 | -.006734 |
| #3 | -.002371 | .000173 | .0139420 | -.000437 | .0245037 | -.006182 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.0000980** |
| Stddev | .0000489 |
| %RSD | 49.87574 |
| #1 | .0001278 |
| #2 | .0000416 |
| #3 | .0001246 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6354.006** | **109665.6** | **11034.70** | **4873.821** | **8076.835** |
| Stddev | 5.138 | 240.7 | 28.04 | 21.776 | 5.518 |
| %RSD | .0808630 | .2194679 | .2540960 | .4467899 | .0683227 |
| #1 | 6359.906 | 109924.2 | 11049.74 | 4875.058 | 8083.199 |
| #2 | 6351.597 | 109624.4 | 11002.35 | 4851.453 | 8073.926 |
| #3 | 6350.515 | 109448.2 | 11052.01 | 4894.952 | 8073.380 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2814-03 Acquired: 8/20/2025 16:43:47 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0217787 | -.002187 | .0522537 | .0047643 | .0033479 | 18.62827 |
| Stddev | .0012250 | .000371 | .0012258 | .0028328 | .0015860 | .01717 |
| %RSD | 5.624740 | 16.94136 | 2.345957 | 59.46007 | 47.37332 | .0921862 |
| #1 | .0215734 | -.001784 | .0514911 | .0077082 | .0028093 | 18.63118 |
| #2 | .0206694 | -.002512 | .0536677 | .0020575 | .0021014 | 18.60983 |
| #3 | .0230934 | -.002265 | .0516022 | .0045271 | .0051331 | 18.64381 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0611836 | .0008127 | .0009804 | 35.81063 | .0310581 | .0043343 |
| Stddev | .0004068 | .0000540 | .0000342 | .06646 | .0000744 | .0000633 |
| %RSD | .6648312 | 6.643176 | 3.486950 | .1855903 | .2395923 | 1.460605 |
| #1 | .0610170 | .0008610 | .0009789 | 35.82103 | .0310321 | .0043489 |
| #2 | .0608865 | .0008225 | .0009469 | 35.73958 | .0310002 | .0042650 |
| #3 | .0616472 | .0007544 | .0010153 | 35.87128 | .0311420 | .0043891 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0418878 | 16.38794 | .2572641 | 14.33233 | .0142630 | .0010630 |
| Stddev | .0004163 | .15977 | .0010044 | .02389 | .0003204 | .0002525 |
| %RSD | .9938887 | .9748981 | .3904084 | .1666735 | 2.246108 | 23.75231 |
| #1 | .0419050 | 16.32893 | .2570829 | 14.33953 | .0143748 | .0007795 |
| #2 | .0414632 | 16.26606 | .2563627 | 14.30567 | .0145125 | .0011455 |
| #3 | .0422953 | 16.56881 | .2583467 | 14.35179 | .0139017 | .0012638 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 79.12875 | .0395913 | .1673440 | 9.478936 | .1586491 | .0032422 |
| Stddev | .52962 | .0032372 | .0002775 | .047854 | .0008597 | .0001458 |
| %RSD | .6693183 | 8.176524 | .1658256 | .5048434 | .5418674 | 4.497027 |
| #1 | 78.89477 | .0406129 | .1672213 | 9.444424 | .1592237 | .0032523 |
| #2 | 78.75642 | .0421944 | .1676617 | 9.458819 | .1590629 | .0033826 |
| #3 | 79.73507 | .0359665 | .1671490 | 9.533564 | .1576608 | .0030915 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2814-03 Acquired: 8/20/2025 16:43:47 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.014757 | .6024015 | F 23.55158 | 2.694794 | 5.044351 | -.005808 |
| Stddev | .000371 | .0020721 | .22807 | .011641 | .029716 | .001414 |
| %RSD | 2.517228 | .3439740 | .9684060 | .4319755 | .5890905 | 24.34889 |
| #1 | -.015183 | .6039902 | 23.48367 | 2.707926 | 5.075757 | -.005748 |
| #2 | -.014501 | .6000578 | 23.36518 | 2.685743 | 5.040616 | -.007252 |
| #3 | -.014586 | .6031566 | 23.80590 | 2.690713 | 5.016679 | -.004425 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1506185 |
| Stddev | .0002558 |
| %RSD | .1698271 |
| #1 | .1507725 |
| #2 | .1503232 |
| #3 | .1507597 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6067.221 | 103732.4 | 11153.23 | 4664.505 | 7151.557 |
| Stddev | 10.232 | 153.0 | 57.84 | 10.476 | 16.761 |
| %RSD | .1686489 | .1475357 | .5185860 | .2245920 | .2343672 |
| #1 | 6055.408 | 103619.5 | 11106.45 | 4676.570 | 7132.228 |
| #2 | 6073.343 | 103906.6 | 11135.34 | 4659.235 | 7160.370 |
| #3 | 6072.911 | 103671.2 | 11217.90 | 4657.711 | 7162.072 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2814-22 Acquired: 8/20/2025 16:47:55 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0006515** | **-.001398** | **.0003394** | **.0020946** | **.0033435** | **.0398809** |
| Stddev | .0016170 | .001002 | .0011691 | .0023535 | .0025587 | .0079037 |
| %RSD | 248.2096 | 71.68796 | 344.4583 | 112.3589 | 76.52804 | 19.81829 |
| #1 | .0001495 | -.002367 | -.000958 | .0042156 | .0061952 | .0463774 |
| #2 | .0024600 | -.001462 | .000666 | -.000437 | .0012483 | .0310815 |
| #3 | -.000655 | -.000366 | .001310 | .002505 | .0025871 | .0421837 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0550895** | **-.000151** | **.0000666** | **41.40174** | **.0008411** | **-.000396** |
| Stddev | .0008912 | .000021 | .0000198 | .13302 | .0002417 | .000106 |
| %RSD | 1.617737 | 13.66315 | 29.72916 | .3212860 | 28.73187 | 26.71268 |
| #1 | .0548555 | -.000173 | .0000455 | 41.43924 | .0007862 | -.000492 |
| #2 | .0560743 | -.000131 | .0000695 | 41.51198 | .0011055 | -.000414 |
| #3 | .0543386 | -.000149 | .0000847 | 41.25399 | .0006316 | -.000283 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0104719** | **.0349873** | **.0080960** | **23.60127** | **.0007293** | **.0000161** |
| Stddev | .0001022 | .0050762 | .0002424 | .10353 | .0001640 | .0002092 |
| %RSD | .9758884 | 14.50867 | 2.993900 | .4386532 | 22.48670 | 1299.438 |
| #1 | .0105473 | .0300437 | .0079287 | 23.56984 | .0005570 | .0002360 |
| #2 | .0105129 | .0347318 | .0079852 | 23.71687 | .0007474 | -.000181 |
| #3 | .0103556 | .0401864 | .0083739 | 23.51710 | .0008835 | -.000007 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **130.8633** | **.0057501** | **.0237107** | **25.29151** | **.1708207** | **.0024760** |
| Stddev | .3246 | .0005209 | .0001070 | .07742 | .0006139 | .0001987 |
| %RSD | .2480456 | 9.058455 | .4512061 | .3061138 | .3594007 | 8.024982 |
| #1 | 130.5347 | .0053389 | .0237212 | 25.21590 | .1709224 | .0025249 |
| #2 | 131.1838 | .0055756 | .0235988 | 25.28799 | .1713774 | .0026457 |
| #3 | 130.8713 | .0063358 | .0238120 | 25.37063 | .1701622 | .0022574 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2814-22 Acquired: 8/20/2025 16:47:55 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.016537** | **-.000873** | F **11.23132** | **.8053637** | **4.226290** | **-.017609** |
| Stddev | .000315 | .000310 | .01485 | .0022384 | .012424 | .000825 |
| %RSD | 1.904163 | 35.51178 | .1322156 | .2779303 | .2939591 | 4.686739 |
| #1 | -.016817 | -.000873 | 11.21590 | .8074264 | 4.231392 | -.018016 |
| #2 | -.016196 | -.000563 | 11.23254 | .8029836 | 4.212128 | -.016659 |
| #3 | -.016598 | -.001184 | 11.24552 | .8056811 | 4.235350 | -.018151 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.3447642** |
| Stddev | .0014678 |
| %RSD | .4257410 |
| #1 | .3447916 |
| #2 | .3462181 |
| #3 | .3432829 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **5958.082** | **103380.0** | **11158.81** | **4630.086** | **6993.512** |
| Stddev | 2.589 | 76.2 | 60.06 | 6.640 | 12.041 |
| %RSD | .0434509 | .0737014 | .5382620 | .1434004 | .1721712 |
| #1 | 5956.779 | 103365.4 | 11131.08 | 4637.752 | 7000.150 |
| #2 | 5961.064 | 103312.1 | 11117.62 | 4626.360 | 7000.773 |
| #3 | 5956.404 | 103462.4 | 11227.73 | 4626.147 | 6979.613 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2814-23 Acquired: 8/20/2025 16:52:09 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0031780** | **-.000543** | **.0127019** | **.0017224** | **.0027934** | **.5956646** | **.0213885** |
| Stddev | .0012436 | .001511 | .0005470 | .0014119 | .0001096 | .0058991 | .0005848 |
| %RSD | 39.13105 | 278.0610 | 4.306127 | 81.97038 | 3.924341 | .9903367 | 2.734134 |
| #1 | .0022392 | .000901 | .0132677 | .0003610 | .0026967 | .5971445 | .0212370 |
| #2 | .0027065 | -.000419 | .0121760 | .0031798 | .0027710 | .5891665 | .0220341 |
| #3 | .0045884 | -.002112 | .0126619 | .0016265 | .0029125 | .6006829 | .0208943 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000153** | **.0003280** | **39.52109** | **.0019792** | **-.000070** | **.1470114** | **.0777607** |
| Stddev | .000110 | .0000931 | .09068 | .0001296 | .000121 | .0001889 | .0015244 |
| %RSD | 71.86977 | 28.38891 | .2294377 | 6.545728 | 172.2442 | .1285177 | 1.960305 |
| #1 | -.000027 | .0002414 | 39.42235 | .0018305 | .000069 | .1468537 | .0764047 |
| #2 | -.000203 | .0003161 | 39.60062 | .0020395 | -.000130 | .1472208 | .0794106 |
| #3 | -.000229 | .0004265 | 39.54031 | .0020676 | -.000149 | .1469597 | .0774669 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0405737** | **14.70714** | **.0022815** | **.0002129** | **91.98060** | **.0092889** | **.0397045** |
| Stddev | .0000877 | .06583 | .0002573 | .0002194 | .44853 | .0026365 | .0001454 |
| %RSD | .2161606 | .4476058 | 11.27826 | 103.0672 | .4876401 | 28.38384 | .3660732 |
| #1 | .0406712 | 14.66637 | .0025144 | .0001495 | 92.41278 | .0064243 | .0396070 |
| #2 | .0405012 | 14.67197 | .0023249 | .0000322 | 92.01167 | .0098283 | .0398716 |
| #3 | .0405485 | 14.78309 | .0020053 | .0004571 | 91.51733 | .0116140 | .0396349 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **9.526774** | **.1872066** | **.0019461** | **-.015969** | **-.000272** | **9.880860** | **1.082686** |
| Stddev | .029000 | .0012185 | .0000645 | .000603 | .001280 | .037928 | .001901 |
| %RSD | .3044000 | .6508742 | 3.313597 | 3.775579 | 471.1032 | .3838540 | .1755364 |
| #1 | 9.551317 | .1858422 | .0020086 | -.016429 | .000662 | 9.913010 | 1.082995 |
| #2 | 9.534231 | .1875909 | .0019500 | -.015286 | -.001731 | 9.890541 | 1.084413 |
| #3 | 9.494774 | .1881865 | .0018798 | -.016191 | .000253 | 9.839030 | 1.080650 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2814-23 Acquired: 8/20/2025 16:52:09 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **5.915526** | **-.020449** | **.1806446** |
| Stddev | .005216 | .001201 | .0003039 |
| %RSD | .0881830 | 5.873059 | .1682565 |
| #1 | 5.921390 | -.019148 | .1804433 |
| #2 | 5.911402 | -.020683 | .1809943 |
| #3 | 5.913785 | -.021516 | .1804963 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6082.023** | **104271.4** | **11184.74** | **4692.837** | **7226.191** |
| Stddev | 8.508 | 248.6 | 68.88 | 13.115 | 6.167 |
| %RSD | .1398893 | .2384248 | .6158633 | .2794786 | .0853476 |
| #1 | 6090.919 | 104490.6 | 11264.22 | 4682.141 | 7228.445 |
| #2 | 6081.184 | 104001.3 | 11147.55 | 4707.470 | 7230.914 |
| #3 | 6073.965 | 104322.3 | 11142.45 | 4688.901 | 7219.213 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2815-20 Acquired: 8/20/2025 16:56:22 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0240717** | **-.004490** | **.1050691** | **.0062142** | **.0042926** | **25.91292** |
| Stddev | .0015378 | .001692 | .0004962 | .0014585 | .0010301 | .04843 |
| %RSD | 6.388344 | 37.69443 | .4723099 | 23.46994 | 23.99594 | .1869104 |
| #1 | .0248835 | -.002537 | .1056391 | .0045533 | .0048868 | 25.95910 |
| #2 | .0250335 | -.005537 | .1048354 | .0068034 | .0031032 | 25.86251 |
| #3 | .0222981 | -.005395 | .1047329 | .0072859 | .0048877 | 25.91717 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.1216148** | **.0056817** | **.0024382** | **75.65848** | **.0773608** | **.0091066** |
| Stddev | .0003682 | .0000836 | .0000515 | .14927 | .0000395 | .0001123 |
| %RSD | .3027734 | 1.470776 | 2.113135 | .1972980 | .0511008 | 1.232943 |
| #1 | .1217900 | .0056176 | .0023905 | 75.64952 | .0773153 | .0089849 |
| #2 | .1211917 | .0056514 | .0024928 | 75.51389 | .0773861 | .0091287 |
| #3 | .1218627 | .0057762 | .0024312 | 75.81203 | .0773811 | .0092061 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0617113** | **31.05451** | **.3208699** | **12.22032** | **.0316383** | **.0016056** |
| Stddev | .0003485 | .07197 | .0003441 | .03171 | .0004852 | .0002736 |
| %RSD | .5646754 | .2317540 | .1072315 | .2595234 | 1.533437 | 17.04149 |
| #1 | .0613377 | 31.09540 | .3212195 | 12.24290 | .0316211 | .0019191 |
| #2 | .0617687 | 31.09672 | .3208587 | 12.18406 | .0321318 | .0014145 |
| #3 | .0620275 | 30.97141 | .3205316 | 12.23400 | .0311619 | .0014833 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **28.28671** | **.0714547** | **.3735011** | **9.621208** | **.1025343** | **.0069589** |
| Stddev | .01340 | .0021693 | .0004103 | .035363 | .0009337 | .0003439 |
| %RSD | .0473865 | 3.035930 | .1098442 | .3675539 | .9105862 | 4.941988 |
| #1 | 28.27152 | .0696277 | .3730539 | 9.610661 | .1015958 | .0072680 |
| #2 | 28.29175 | .0738522 | .3735894 | 9.660644 | .1034630 | .0070203 |
| #3 | 28.29686 | .0708840 | .3738601 | 9.592318 | .1025441 | .0065885 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2815-20 Acquired: 8/20/2025 16:56:22 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.015361 | .7881832 | F 39.20197 | 2.197841 | F 10.17426 | .0132221 |
| Stddev | .000397 | .0027773 | .09751 | .003568 | .02965 | .0008892 |
| %RSD | 2.584713 | .3523728 | .2487442 | .1623387 | .2914617 | 6.724840 |
| #1 | -.015130 | .7909940 | 39.12325 | 2.195843 | 10.19217 | .0122189 |
| #2 | -.015133 | .7881148 | 39.31105 | 2.201961 | 10.19058 | .0139132 |
| #3 | -.015819 | .7854406 | 39.17161 | 2.195720 | 10.14003 | .0135341 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .3852554 |
| Stddev | .0012630 |
| %RSD | .3278316 |
| #1 | .3866239 |
| #2 | .3841347 |
| #3 | .3850076 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 6099.968 | 105625.7 | 11361.48 | 4748.695 | 7154.251 |
| Stddev | 6.440 | 55.4 | 45.72 | 5.916 | .325 |
| %RSD | .1055724 | .0524587 | .4024289 | .1245752 | .0045475 |
| #1 | 6101.776 | 105593.2 | 11313.95 | 4751.833 | 7153.888 |
| #2 | 6105.311 | 105594.3 | 11405.15 | 4741.872 | 7154.350 |
| #3 | 6092.818 | 105689.7 | 11365.33 | 4752.381 | 7154.516 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2815-25 Acquired: 8/20/2025 17:00:28 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0058836** | **-.001055** | **.0002186** | **.0001954** | **.0024374** | **.1262662** |
| Stddev | .0012157 | .001265 | .0005671 | .0041941 | .0011454 | .0090185 |
| %RSD | 20.66303 | 119.9217 | 259.4402 | 2146.542 | 46.99383 | 7.142422 |
| #1 | .0071009 | -.001550 | .0008580 | -.000862 | .0016503 | .1309976 |
| #2 | .0046694 | .000383 | .0000213 | .004817 | .0037515 | .1158667 |
| #3 | .0058805 | -.001998 | -.000224 | -.003369 | .0019104 | .1319345 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0209617** | **-.000135** | **.0001088** | **66.50006** | **.0009846** | **.0004793** |
| Stddev | .0003347 | .000054 | .0000336 | .11722 | .0002215 | .0001243 |
| %RSD | 1.596756 | 39.96709 | 30.93630 | .1762691 | 22.49940 | 25.94232 |
| #1 | .0211664 | -.000145 | .0001071 | 66.53802 | .0007967 | .0003507 |
| #2 | .0211432 | -.000183 | .0001433 | 66.36856 | .0012288 | .0004883 |
| #3 | .0205754 | -.000076 | .0000760 | 66.59359 | .0009281 | .0005989 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0138930** | **.0300416** | **.0897540** | **8.230929** | **.0024788** | **.0003303** |
| Stddev | .0004775 | .0023279 | .0006162 | .023740 | .0004416 | .0004360 |
| %RSD | 3.437006 | 7.748876 | .6865588 | .2884279 | 17.81394 | 131.9935 |
| #1 | .0133448 | .0274444 | .0890528 | 8.236806 | .0029594 | -.000103 |
| #2 | .0142183 | .0307401 | .0900000 | 8.204802 | .0023864 | .000324 |
| #3 | .0141159 | .0319403 | .0902093 | 8.251179 | .0020908 | .000769 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **25.44803** | **.0157602** | **.0365656** | **6.965964** | **.1218824** | **.0038590** |
| Stddev | .17904 | .0021922 | .0001638 | .072938 | .0004097 | .0001841 |
| %RSD | .7035357 | 13.90944 | .4479004 | 1.047057 | .3361066 | 4.771125 |
| #1 | 25.36247 | .0170400 | .0367459 | 6.901429 | .1221950 | .0040088 |
| #2 | 25.32782 | .0170117 | .0365248 | 6.951365 | .1214187 | .0036534 |
| #3 | 25.65379 | .0132290 | .0364261 | 7.045096 | .1220335 | .0039147 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: Q2815-25 Acquired: 8/20/2025 17:00:28 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.016698** | **-.001836** | F **16.14529** | **.4084977** | **5.515582** | **-.024173** |
| Stddev | .000057 | .000611 | .08663 | .0033430 | .060824 | .001715 |
| %RSD | .3387573 | 33.25001 | .5365384 | .8183603 | 1.102768 | 7.093131 |
| #1 | -.016633 | -.001355 | 16.08211 | .4047193 | 5.445443 | -.022756 |
| #2 | -.016738 | -.001630 | 16.10973 | .4110712 | 5.547483 | -.023685 |
| #3 | -.016722 | -.002523 | 16.24404 | .4097025 | 5.553819 | -.026079 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.3562528** |
| Stddev | .0009313 |
| %RSD | .2614224 |
| #1 | .3564914 |
| #2 | .3552253 |
| #3 | .3570415 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6151.012** | **107170.6** | **11282.90** | **4742.015** | **7429.871** |
| Stddev | 7.113 | 399.3 | 36.74 | 22.808 | 3.811 |
| %RSD | .1156348 | .3726115 | .3256614 | .4809698 | .0512996 |
| #1 | 6158.783 | 107298.2 | 11255.59 | 4766.012 | 7432.298 |
| #2 | 6144.824 | 107490.5 | 11324.67 | 4739.413 | 7431.837 |
| #3 | 6149.428 | 106723.0 | 11268.44 | 4720.620 | 7425.478 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: PB169301TB Acquired: 8/20/2025 17:04:42 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.002140** | **-.001250** | **.0008032** | **.0014581** | **.0004702** | **-.013752** | **-.003300** |
| Stddev | .001071 | .000804 | .0005481 | .0012925 | .0014639 | .005334 | .000372 |
| %RSD | 50.03515 | 64.30374 | 68.24121 | 88.64141 | 311.3647 | 38.78631 | 11.28297 |
| #1 | -.003358 | -.001119 | .0012188 | .0000447 | -.001169 | -.012961 | -.003384 |
| #2 | -.001351 | -.000520 | .0001820 | .0017499 | .001649 | -.019437 | -.002893 |
| #3 | -.001710 | -.002112 | .0010088 | .0025797 | .000930 | -.008858 | -.003623 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000093** | **-.000005** | **.0016975** | **-.000679** | **-.000106** | **-.000152** | **-.000509** |
| Stddev | .000047 | .000017 | .0074158 | .000358 | .000108 | .000350 | .005122 |
| %RSD | 50.65583 | 327.6591 | 436.8704 | 52.70615 | 102.2487 | 230.1489 | 1005.423 |
| #1 | -.000114 | -.000014 | .0089619 | -.001061 | -.000060 | .000241 | .002765 |
| #2 | -.000039 | .000014 | .0019916 | -.000626 | -.000028 | -.000428 | -.006412 |
| #3 | -.000127 | -.000016 | -.005861 | -.000351 | -.000229 | -.000269 | .002119 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0014885** | **-.012566** | **-.000165** | **.0002311** | **-.191429** | **.0043945** | **-.000369** |
| Stddev | .0000681 | .010595 | .000031 | .0001654 | .004220 | .0027393 | .000225 |
| %RSD | 4.574451 | 84.31291 | 18.63026 | 71.53502 | 2.204614 | 62.33442 | 61.04630 |
| #1 | .0015011 | -.006447 | -.000198 | .0000806 | -.195980 | .0040026 | -.000135 |
| #2 | .0014150 | -.006452 | -.000136 | .0004081 | -.190665 | .0018723 | -.000585 |
| #3 | .0015495 | -.024800 | -.000162 | .0002047 | -.187644 | .0073086 | -.000388 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.397097** | **-.000078** | **.0000427** | **-.016517** | **-.000429** | **-.014704** | **.0009953** |
| Stddev | .023022 | .000462 | .0001684 | .000110 | .001027 | .014869 | .0013485 |
| %RSD | 5.797574 | 590.6855 | 394.4523 | .6636453 | 239.3351 | 101.1245 | 135.4834 |
| #1 | -.371180 | .000388 | .0001483 | -.016413 | .000288 | -.031610 | -.000556 |
| #2 | -.415180 | -.000535 | -.000152 | -.016506 | .000030 | -.008850 | .001885 |
| #3 | -.404930 | -.000087 | .000131 | -.016632 | -.001605 | -.003652 | .001657 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: PB169301TB Acquired: 8/20/2025 17:04:42 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **8.566890** | **-.015333** | **.0000072** |
| Stddev | .049563 | .000507 | .0000736 |
| %RSD | .5785464 | 3.308806 | 1020.177 |
| | | | |
| #1 | 8.622732 | -.015600 | -.000068 |
| #2 | 8.528116 | -.014748 | .000011 |
| #3 | 8.549823 | -.015652 | .000079 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6597.152** | **110848.8** | **11773.42** | **4989.496** | **8460.050** |
| Stddev | 4.562 | 574.3 | 14.53 | 39.595 | 5.307 |
| %RSD | .0691480 | .5181226 | .1234219 | .7935734 | .0627282 |
| | | | | | |
| #1 | 6600.783 | 110216.4 | 11784.77 | 4946.367 | 8457.917 |
| #2 | 6598.642 | 111337.9 | 11778.45 | 5024.202 | 8466.091 |
| #3 | 6592.032 | 110992.1 | 11757.05 | 4997.919 | 8456.141 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCV05 Acquired: 8/20/2025 17:09:00 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **4.988917** | **5.029429** | **4.916765** | **5.024130** | **4.991234** | **9.860197** | **9.693877** |
| Stddev | .003750 | .077790 | .004643 | .006462 | .004655 | .003628 | .042120 |
| %RSD | .0751569 | 1.546704 | .0944369 | .1286136 | .0932570 | .0367982 | .4344978 |
| #1 | 4.992738 | 5.112878 | 4.912991 | 5.031589 | 4.994913 | 9.856724 | 9.692168 |
| #2 | 4.985243 | 5.016491 | 4.915353 | 5.020240 | 4.986001 | 9.863963 | 9.736825 |
| #3 | 4.988770 | 4.958919 | 4.921950 | 5.020561 | 4.992788 | 9.859905 | 9.652638 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.2513909** | **2.482989** | **24.46243** | **1.014986** | **2.472796** | **1.250606** | **4.927202** |
| Stddev | .0007661 | .002488 | .03839 | .000765 | .001847 | .000960 | .015556 |
| %RSD | .3047537 | .1002198 | .1569367 | .0753798 | .0746812 | .0767732 | .3157175 |
| #1 | .2520476 | 2.480432 | 24.50632 | 1.014144 | 2.470703 | 1.250095 | 4.922266 |
| #2 | .2515759 | 2.485403 | 24.43507 | 1.015639 | 2.474197 | 1.250009 | 4.914713 |
| #3 | .2505492 | 2.483131 | 24.44590 | 1.015176 | 2.473486 | 1.251713 | 4.944628 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **2.424829** | **24.50149** | **2.476442** | **1.252056** | **23.43871** | **2.464836** | **2.536996** |
| Stddev | .009388 | .06595 | .001739 | .000659 | .12198 | .006901 | .005363 |
| %RSD | .3871571 | .2691594 | .0702350 | .0526625 | .5204122 | .2799598 | .2114015 |
| #1 | 2.433315 | 24.53719 | 2.474889 | 1.252058 | 23.45075 | 2.463899 | 2.539427 |
| #2 | 2.414745 | 24.54189 | 2.478321 | 1.252714 | 23.31116 | 2.458453 | 2.530848 |
| #3 | 2.426427 | 24.42539 | 2.476115 | 1.251395 | 23.55422 | 2.472158 | 2.540713 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **24.56762** | **4.969698** | **5.062463** | **4.972081** | **4.863941** | **4.944930** | **4.926962** |
| Stddev | .14711 | .014236 | .006158 | .004472 | .017382 | .024485 | .013487 |
| %RSD | .5988119 | .2864519 | .1216357 | .0899426 | .3573747 | .4951587 | .2737313 |
| #1 | 24.50309 | 4.985986 | 5.069142 | 4.971147 | 4.874870 | 4.916657 | 4.935613 |
| #2 | 24.46379 | 4.963474 | 5.057012 | 4.976946 | 4.843896 | 4.958988 | 4.933851 |
| #3 | 24.73597 | 4.959634 | 5.061234 | 4.968149 | 4.873055 | 4.959144 | 4.911422 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCV05 Acquired: 8/20/2025 17:09:00 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | **4.904548** | **4.694384** | **4.893141** |
| Stddev | .017494 | .016981 | .049015 |
| %RSD | .3566819 | .3617283 | 1.001711 |
| | | | |
| #1 | 4.917940 | 4.701498 | 4.849565 |
| #2 | 4.910948 | 4.675003 | 4.883651 |
| #3 | 4.884755 | 4.706650 | 4.946207 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6089.243** | **103617.1** | **11027.01** | **4664.715** | **7085.665** |
| Stddev | 16.745 | 95.7 | 38.12 | 10.953 | 18.971 |
| %RSD | .2749988 | .0923446 | .3456809 | .2348115 | .2677329 |
| | | | | | |
| #1 | 6104.387 | 103654.4 | 10992.83 | 4652.615 | 7107.140 |
| #2 | 6092.084 | 103508.4 | 11020.09 | 4667.578 | 7078.665 |
| #3 | 6071.260 | 103688.5 | 11068.12 | 4673.953 | 7071.188 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCB05 Acquired: 8/20/2025 17:13:12 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.001061** | **.0005517** | **.0006540** | **-.001009** | **-.000680** | **-.001434** |
| Stddev | .001299 | .0000901 | .0001803 | .002349 | .000483 | .004206 |
| %RSD | 122.3911 | 16.34103 | 27.57635 | 232.6600 | 70.99688 | 293.3022 |
| #1 | .000304 | .0005192 | .0004589 | .001220 | -.000123 | .003124 |
| #2 | -.002281 | .0004823 | .0006886 | -.000787 | -.000979 | -.002262 |
| #3 | -.001207 | .0006536 | .0008146 | -.003461 | -.000938 | -.005164 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.001389** | **-.000027** | **.0000408** | **.0011462** | **-.000185** | **-.000076** |
| Stddev | .001125 | .000017 | .0000147 | .0108421 | .000209 | .000146 |
| %RSD | 81.01107 | 62.78884 | 36.15193 | 945.9365 | 113.0787 | 192.5595 |
| #1 | -.002007 | -.000014 | .0000486 | -.008317 | -.000424 | -.000238 |
| #2 | -.000090 | -.000046 | .0000238 | .012976 | -.000096 | .000044 |
| #3 | -.002070 | -.000020 | .0000500 | -.001220 | -.000035 | -.000033 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.000446** | **-.007317** | **.0004652** | **-.017445** | **-.000045** | **.0004840** |
| Stddev | .000238 | .003837 | .0003689 | .021745 | .000160 | .0004534 |
| %RSD | 53.25139 | 52.44711 | 79.31561 | 124.6503 | 354.1563 | 93.67346 |
| #1 | -.000511 | -.008843 | .0002057 | -.003474 | -.000161 | .0005708 |
| #2 | -.000645 | -.010156 | .0008875 | -.042499 | .000138 | .0008878 |
| #3 | -.000183 | -.002951 | .0003022 | -.006362 | -.000112 | -.000006 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **.0521629** | **.0035252** | **-.000923** | **.0756746** | **.0042506** | **.0004999** |
| Stddev | .0204943 | .0015340 | .000080 | .0847813 | .0008001 | .0000891 |
| %RSD | 39.28907 | 43.51478 | 8.678222 | 112.0339 | 18.82268 | 17.81669 |
| #1 | .0288777 | .0040969 | -.000879 | -.018798 | .0051587 | .0005538 |
| #2 | .0674617 | .0046911 | -.001015 | .100684 | .0036496 | .0005488 |
| #3 | .0601493 | .0017874 | -.000875 | .145138 | .0039434 | .0003971 |

Reviewed By:MOHAN
On:8/21/2025 5:53:36 PM
Inst Id :P4
LB :LB136898

Sample Name: CCB05 Acquired: 8/20/2025 17:13:12 Type: Unk
Method: 6010-200.7 NEW(v122) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **-.002010** | **-.001117** | **.0123610** | **.0007288** | F **.0202850** | **-.006745** |
| Stddev | .000321 | .000551 | .0120712 | .0015597 | .0023101 | .000834 |
| %RSD | 15.95860 | 49.34322 | 97.65569 | 214.0016 | 11.38815 | 12.36637 |
| #1 | -.002335 | -.000564 | .0111450 | -.000872 | .0204553 | -.007399 |
| #2 | -.002003 | -.001122 | .0009438 | .000814 | .0225053 | -.007030 |
| #3 | -.001693 | -.001666 | .0249942 | .002244 | .0178945 | -.005806 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | **.0002383** |
| Stddev | .0000270 |
| %RSD | 11.33842 |
| #1 | .0002694 |
| #2 | .0002254 |
| #3 | .0002202 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | **6308.810** | **108487.6** | **11182.78** | **4828.382** | **8044.106** |
| Stddev | 7.383 | 131.2 | 24.69 | 27.032 | 5.948 |
| %RSD | .1170238 | .1208976 | .2207726 | .5598560 | .0739380 |
| #1 | 6301.884 | 108595.8 | 11210.83 | 4807.391 | 8048.012 |
| #2 | 6307.968 | 108341.7 | 11164.35 | 4818.869 | 8047.045 |
| #3 | 6316.577 | 108525.1 | 11173.16 | 4858.884 | 8037.261 |

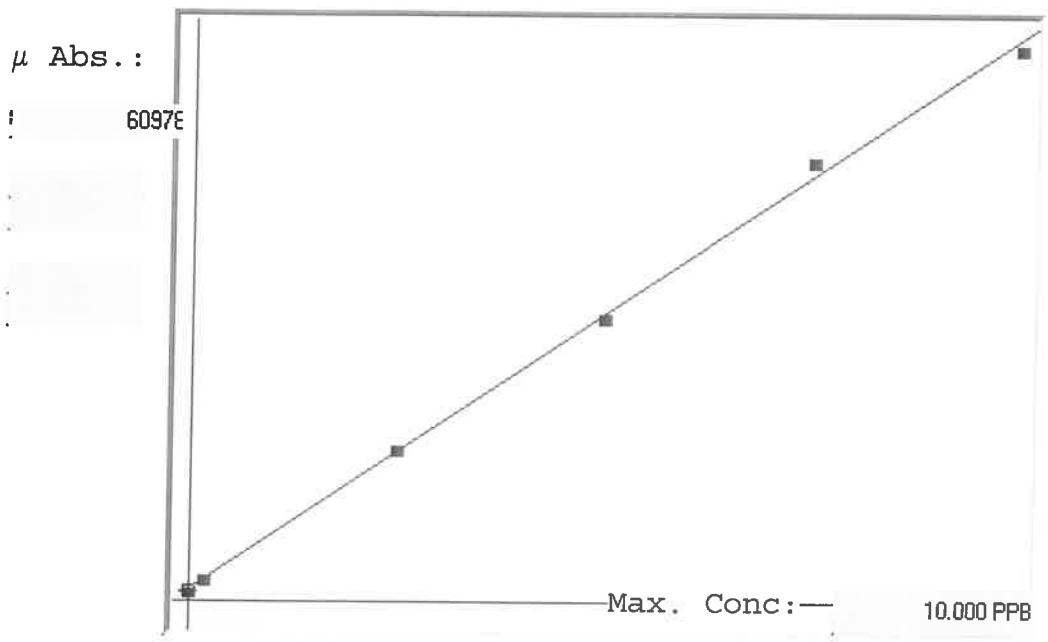
Reviewed By:jaswal
On:8/19/2025 3:22:34 PM
Inst Id :CV1
LB :LB136873

LB136873

7471B

INSTRUMENT ID: CV1

Linear




A= 0.0000e+000

B= 1.6447e-004

C= -2.1614e-001

Rho= 0.9992906

Accept=Accepted

| Std ID | Conc. | Calc. | Dev. | Mean | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | % D |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.000 | -0.039 | -0.039 | 1079 | 0.000 | 1079 | | | | | — |
| 0.2 | 0.200 | 0.197 | -0.003 | 2510 | 0.0 % | 2510 | | | | | -2 |
| 2.5 | 2.500 | 2.527 | 0.027 | 16680 | 0.0 % | 16680 | | | | | 1 |
| 5.0 | 5.000 | 4.931 | -0.069 | 31293 | 0.0 % | 31293 | | | | | -1 |
| 7.5 | 7.500 | 7.772 | 0.272 | 48567 | 0.0 % | 48567 | | | | | 4 |
| 10.0 | 10.000 | 9.813 | -0.187 | 60978 | 0.0 % | 60978 | | | | | -2 |

Reviewed By:jaswal
On:8/19/2025 3:22:34 PM
Inst Id :CV1
LB :LB136873

# LB136873 INSTRUMENT ID : CV1

Method: 7471B Operator: Admin Date of Analysis: 19 Aug 2025 10:58:08

| Type | Sample ID | Extended ID | Conc | µ Abs | Units | Type | Stnd Conc | Method | Date |
|---|---|---|---|---|---|---|---|---|---|
| S | 0.0 - 1 | 50 | - | 1079 | PPB | Std | 0.00000 | 7471B | 19 Aug 2025 11:29:12 |
| S | 0.2 - 1 | 50.2 | - | 2510 | PPB | Std | 0.20000 | 7471B | 19 Aug 2025 11:31:29 |
| S | 2.5 - 1 | 52.5 | - | 16680 | PPB | Std | 2.50000 | 7471B | 19 Aug 2025 11:33:46 |
| S | 5.0 - 1 | 55 | - | 31293 | PPB | Std | 5.00000 | 7471B | 19 Aug 2025 11:36:03 |
| S | 7.5 - 1 | 57.5 | - | 48567 | PPB | Std | 7.50000 | 7471B | 19 Aug 2025 11:38:22 |
| S | 10.0 - 1 | 51 | - | 60978 | PPB | Std | 10.00000 | 7471B | 19 Aug 2025 11:40:39 |
| U | ICV22 - 1 | ICV22 | 3.8610 | 24790 | PPB | SMPL | | -7471B | 19 Aug 2025 11:44:26 |
| U | ICB22 - 1 | ICB22 | 0.0059 | 1350 | PPB | SMPL | | -7471B | 19 Aug 2025 11:46:44 |
| U | CCV68 - 1 | CCV68 | 4.9328 | 31307 | PPB | SMPL | | -7471B | 19 Aug 2025 11:49:01 |
| U | CCB68 - 1 | CCB68 | -0.0214 | 1184 | PPB | SMPL | | -7471B | 19 Aug 2025 11:51:17 |
| U | CRA - 1 | CRA | 0.1694 | 2344 | PPB | SMPL | | -7471B | 19 Aug 2025 11:53:36 |
| U | HighStd - 1 | HighStd | 9.8116 | 60971 | PPB | SMPL | | -7471B | 19 Aug 2025 11:55:50 |
| U | ChkStd - 1 | ChkStd | 7.6993 | 48128 | PPB | SMPL | | -7471B | 19 Aug 2025 11:58:06 |
| U | PB169292BS - 1 | PB169292BS | 3.3498 | 21682 | PPB | SMPL | | -7471B | 19 Aug 2025 12:05:58 |
| U | Q2892-02 - 1 | 1-FLOOR-NORTH-EAST-CONRNER-BACK-A | 0.6182 | 5073 | PPB | SMPL | | -7471B | 19 Aug 2025 12:08:15 |
| U | Q2892-04 - 1 | 1-FLOOR-DRILL-B-BACK | 1.0442 | 7663 | PPB | SMPL | | -7471B | 19 Aug 2025 12:10:37 |
| U | Q2892-06 - 1 | BACK-1-FLOOR-CENTER-MIDDLE-C | 0.2940 | 3102 | PPB | SMPL | | -7471B | 19 Aug 2025 12:12:58 |
| U | Q2892-08 - 1 | 3-FLOOR-NORTH-D | 0.0633 | 1699 | PPB | SMPL | | -7471B | 19 Aug 2025 12:15:17 |
| U | Q2892-10 - 1 | 3-FLOOR-SOUTH-E | 1.0050 | 7425 | PPB | SMPL | | -7471B | 19 Aug 2025 12:17:34 |
| U | CCV69 - 1 | CCV69 | 4.8883 | 31036 | PPB | SMPL | | -7471B | 19 Aug 2025 12:19:50 |
| U | CCB69 - 1 | CCB69 | -0.0704 | 886 | PPB | SMPL | | -7471B | 19 Aug 2025 12:22:06 |
| U | Q2892-12 - 1 | FRONT-1-FLOOR-F | 1.0468 | 7679 | PPB | SMPL | | -7471B | 19 Aug 2025 12:24:24 |
| U | Q2897-01 - 1 | HD-02-08182025 | 0.3672 | 3547 | PPB | SMPL | | -7471B | 19 Aug 2025 12:33:25 |
| U | Q2897-01DUP - 1 | HD-02-08182025DUP | 0.4069 | 3788 | PPB | SMPL | | -7471B | 19 Aug 2025 12:39:21 |
| U | Q2897-01MS - 1 | HD-02-08182025MS | 3.9363 | 25248 | PPB | SMPL | | -7471B | 19 Aug 2025 12:41:38 |
| U | Q2897-01MSD - 1 | HD-02-08182025MSD | 3.9645 | 25419 | PPB | SMPL | | -7471B | 19 Aug 2025 12:43:55 |
| U | PB69292BL - 1 | PBS | -0.0222 | 1179 | PPB | SMPL | | -7471B | 19 Aug 2025 12:49:03 |
| U | Q2897-01LX5 - 1 | | -0.1454 | 430 | PPB | SMPL | | -7471B | 19 Aug 2025 12:51:20 |
| U | Q2897-01A - 1 | | 4.1755 | 26702 | PPB | SMPL | | -7471B | 19 Aug 2025 12:53:37 |
| U | CCV70 - 1 | CCV70 | 4.6754 | 29742 | PPB | SMPL | | -7471B | 19 Aug 2025 12:55:55 |
| U | CCB70 - 1 | CCB70 | -0.0790 | 834 | PPB | SMPL | | -7471B | 19 Aug 2025 12:58:13 |

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

PB169304

**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 #5 2. N/A

**Start Digest Date:** 08/19/2025 **Time :** 10:05 **Temp :** 97 °C

**End Digest Date:** 08/19/2025 **Time :** 12:10 **Temp :** 98 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** MET-DIG. #5

**Dig Technician Signature:** SLG.

**Supervisor Signature:**

**Temp :** 1. 96°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| LFS-1 | 1.00 | M6180 |
| LFS-2 | 1.00 | M6181 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| Conc. HNO3 | 5.00 | M6158 |
| 1:1 HNO3 | 10.00 | MP864041 |
| 30% H2O2 | 3.00 | M6170 |
| Conc. HCL | 10.00 | M6151 |
| 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 |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK#5 CELL#35 97C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 08/19/25 13:10 | SLG metdig | metals lab |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Soil/Sludge Metals Preparation Sheet**

**PB169304**

| Lab Sample ID | Client Sample ID | pH | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| PB169304BL | PBS304 | N/A | 2.00 | 100 | Colorless | Colorless | Fine | N/A | N/A | 1 |
| PB169304BS | LCS304 | N/A | 2.00 | 100 | Colorless | Colorless | Fine | N/A | M6180,M6181 | 2 |
| Q2891-01 | BARRICADE | N/A | 2.22 | 100 | Brown | Yellow | Medium | N/A | N/A | 3 |
| Q2891-02 | WALL-1 | N/A | 2.40 | 100 | Brown | Yellow | Medium | N/A | N/A | 4 |
| Q2891-02MS | WALL-1MS | N/A | 2.14 | 100 | Brown | Yellow | Medium | N/A | M6180,M6181M6180,M6181 | 6 |
| Q2891-02MSD | WALL-1MSD | N/A | 2.26 | 100 | Brown | Yellow | Medium | N/A | M6180,M6181 | 7 |
| Q2891-02DUP | WALL-1DUP | N/A | 2.04 | 100 | Brown | Yellow | Medium | N/A | N/A | 5 |
| Q2891-03 | WALL-2 | N/A | 2.28 | 100 | Brown | Yellow | Medium | N/A | N/A | 8 |
| Q2891-04 | WALL-3 | N/A | 2.49 | 100 | Brown | Yellow | Medium | N/A | N/A | 9 |
| Q2892-02 | 1-FLOOR-NORTH-EAST-CORNER-BACK-A | N/A | 2.12 | 100 | Brown | Yellow | Medium | N/A | N/A | 10 |
| Q2892-04 | 1-FLOOR-DRILL-B-BACK | N/A | 2.10 | 100 | Brown | Yellow | Medium | N/A | N/A | 11 |
| Q2892-06 | BACK-1-FLOOR-CENTER-MIDDLE-C | N/A | 2.26 | 100 | Brown | Yellow | Medium | N/A | N/A | 12 |
| Q2892-08 | 3-FLOOR-NORTH-D | N/A | 2.20 | 100 | Brown | Yellow | Medium | N/A | N/A | 13 |
| Q2892-10 | 3-FLOOR-SOUTH-E | N/A | 2.22 | 100 | Brown | Yellow | Medium | N/A | N/A | 14 |
| Q2892-12 | FRONT-1-FLOOR-F | N/A | 2.40 | 100 | Brown | Yellow | Medium | N/A | N/A | 15 |
| Q2897-01 | HD-02-08182025 | N/A | 2.10 | 100 | Brown | Yellow | Medium | N/A | N/A | 16 |

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** PB169304 **WorkList ID :** 191347 **Department :** Digestion **Date :** 08-19-2025 09:35:48

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2891-01 | BARRICADE | Solid | Metals Group3 | Cool 4 deg C | PSEG03 | D31 | 08/15/2025 | 6010D |
| Q2891-02 | WALL-1 | Solid | Metals Group3 | Cool 4 deg C | PSEG03 | D31 | 08/15/2025 | 6010D |
| Q2891-03 | WALL-2 | Solid | Metals Group3 | Cool 4 deg C | PSEG03 | D31 | 08/15/2025 | 6010D |
| Q2891-04 | WALL-3 | Solid | Metals Group3 | Cool 4 deg C | PSEG03 | D31 | 08/15/2025 | 6010D |
| Q2892-02 | 1ST-FLOOR-NORTH-EAST-CC | Solid | Metals ICP-TAL | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 6010D |
| Q2892-04 | 1ST-FLOOR-DRILL-B-BACK | Solid | Metals ICP-TAL | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 6010D |
| Q2892-06 | BACK-1-FLOOR-CENTER-MIDI | Solid | Metals ICP-TAL | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 6010D |
| Q2892-08 | 3-FLOOR-NORTH-D | Solid | Metals ICP-TAL | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 6010D |
| Q2892-10 | 3-FLOOR-SOUTH-E | Solid | Metals ICP-TAL | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 6010D |
| Q2892-12 | FRONT-1-FLOOR-F | Solid | Metals ICP-TAL | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 6010D |
| Q2897-01 | HD-02-08182025 | Solid | Metals ICP-TAL | Cool 4 deg C | PSEG05 | D21 | 08/18/2025 | 6010D |

**Date/Time** 08/19/25 09:50

**Raw Sample Received by:** SLS met dig

**Raw Sample Relinquished by:** CP cm



**Date/Time** 08/19/25 10:50

**Raw Sample Received by:** CP CSM

**Raw Sample Relinquished by:** SLS met dig

Alliance TECHNICAL GROUP

**Soil/Sludge Mercury Preparation Sheet**

PB169292

**SOP ID :** M7471B-Mercury-19

**SDG No :** N/A

**Matrix :** SOIL

**Pippete ID:** HG A

**Balance ID :** M SC-3

**Filter paper ID :** N/A

**pH Strip ID :** N/A

**Hood ID :** #1

**Block ID:** 1. HG HOT BLOCK#3 2. N/A

**Start Digest Date:** 08/18/2025 **Time :** 15:05 **Temp :** 95 °C

**End Digest Date:** 08/18/2025 **Time :** 15:35 **Temp :** 95 °C

**Digestion tube ID:** M5595

**Block thermometer ID:** HG-DIG#3

**Dig Technician Signature:** MB

**Supervisor Signature:** M

**Temp :** 1. 95°C 2. N/A

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| ICV | 30mL | MP86821 |
| CCV | 30mL | MP86823 |
| CRA | 30mL | MP86825 |
| Blank Spike | 0.48mL | MP86814 |
| Matrix Spike | 0.48mL | MP86814 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| AQUA REGIA | 1.5mL | MP86827 |
| KMnO4 (5%) | 4.5mL | MP85893 |
| Hydroxylamine HCL (12%) | 2.0mL | MP86830 |
| 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 | MP86815 |
| 0.05 ppb | S0.05 | N/A | N/A |
| 0.2 ppb | S0.2 | 30mL | MP86816 |
| 2.5 ppb | S2.5 | 30mL | MP86817 |
| 5.0 ppb | S5.0 | 30mL | MP86818 |
| 7.5 ppb | S7.5 | 30mL | MP86819 |
| 10.0 ppb | S10.0 | 30mL | MP86820 |
| ICV | ICV | 30mL | MP86821 |
| ICB | ICB | 30mL | MP86822 |
| CCV | CCV | 30mL | MP86823 |
| CCB | CCB | 30mL | MP86824 |
| CRI | CRI | 30mL | MP86825 |
| CHK STD | CHK STD | 30mL | MP86826 |

**Extraction Conformance/Non-Conformance Comments:**

N/A

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 8/18/25 @ 16:20 | MB - Dig. Lab | MB - prep lab |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

## Soil/Sludge Mercury Preparation Sheet

# PB169292

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Comment | Prep Pos |
|---|---|---|---|---|---|---|
| PB169292BL | PBS292 | 0.50 | 35 | N/A | N/A | 1-1 |
| PB169292BS | LCS292 | 0.50 | 35 | N/A | MP86814 | 2 |
| Q2892-02 | 1ST-FLOOR-NORTH-EAST-CONRNER-BACK-A | 0.52 | 35 | N/A | N/A | 3 |
| Q2892-04 | 1ST-FLOOR-DRILL-B-BACK | 0.57 | 35 | N/A | N/A | 4 |
| Q2892-06 | BACK-1-FLOOR-CENTER-MIDDLE-C | 0.57 | 35 | N/A | N/A | 5 |
| Q2892-08 | 3-FLOOR-NORTH-D | 0.50 | 35 | N/A | N/A | 6 |
| Q2892-10 | 3-FLOOR-SOUTH-E | 0.53 | 35 | N/A | N/A | 7 |
| Q2892-12 | FRONT-1-FLOOR-F | 0.56 | 35 | N/A | N/A | 8 |
| Q2897-01 | HD-02-08182025 | 0.53 | 35 | N/A | N/A | 9 |
| Q2897-01MS | HD-02-08182025MS | 0.57 | 35 | N/A | MP86814 | 11 |
| Q2897-01MSD | HD-02-08182025MSD | 0.57 | 35 | N/A | MP86814 | 12 |
| Q2897-01DUP | HD-02-08182025DUP | 0.56 | 35 | N/A | N/A | 10 |

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** PB169292 **WorkList ID :** 191334 **Department :** Digestion **Date :** 08-18-2025 14:43:39

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2892-02 | 1ST-FLOOR-NORTH-EAST-CC | Solid | Mercury | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 7471B |
| Q2892-04 | 1ST-FLOOR-DRILL-B-BACK | Solid | Mercury | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 7471B |
| Q2892-06 | BACK-1-FLOOR-CENTER-MIDI | Solid | Mercury | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 7471B |
| Q2892-08 | 3-FLOOR-NORTH-D | Solid | Mercury | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 7471B |
| Q2892-10 | 3-FLOOR-SOUTH-E | Solid | Mercury | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 7471B |
| Q2892-12 | FRONT-1-FLOOR-F | Solid | Mercury | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | 7471B |
| Q2897-01 | HD-02-08182025 | Solid | Mercury | Cool 4 deg C | PSEG05 | D21 | 08/18/2025 | 7471B |

**Date/Time** 08/18/25 14:58
**Raw Sample Received by:** Signature
**Raw Sample Relinquished by:** CP Cam



**Date/Time** 08/18/25 15:50
**Raw Sample Received by:** CP Cam
**Raw Sample Relinquished by:** Signature

# PERCENT SOLID

**Supervisor:** rubina
**Analyst:** jignesh
**Date:** 8/19/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:00
**In Date:** 08/18/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:25
**Out Date:** 08/19/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB136862

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q2891-01 | BARRICADE | 1 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | STONE SAMPLE, 100% SOLIDS |
| Q2891-02 | WALL-1 | 2 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Concreate sample |
| Q2891-03 | WALL-2 | 3 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | STONE SAMPLE, 100% SOLIDS |
| Q2891-04 | WALL-3 | 4 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | STONE SAMPLE, 100% SOLIDS |
| Q2892-01 | 1ST-FLOOR-NORTH-EAST-CONRNER-BACK-A | 5 | 1.18 | 10.03 | 11.21 | 10.19 | 89.8 | |
| Q2892-02 | 1ST-FLOOR-NORTH-EAST-CONRNER-BACK-A | 6 | 1.16 | 9.97 | 11.13 | 10.22 | 90.9 | |
| Q2892-03 | 1ST-FLOOR-DRILL-B-BACK | 7 | 1.19 | 10.43 | 11.62 | 10.54 | 89.6 | |
| Q2892-04 | 1ST-FLOOR-DRILL-B-BACK | 8 | 1.16 | 10.39 | 11.55 | 10.48 | 89.7 | |
| Q2892-05 | BACK-1-FLOOR-CENTER-MIDDLE-C | 9 | 1.18 | 10.41 | 11.59 | 10.39 | 88.5 | |
| Q2892-06 | BACK-1-FLOOR-CENTER-MIDDLE-C | 10 | 1.19 | 10.38 | 11.57 | 10.52 | 89.9 | |
| Q2892-07 | 3-FLOOR-NORTH-D | 11 | 1.15 | 10.68 | 11.83 | 11.09 | 93.1 | |
| Q2892-08 | 3-FLOOR-NORTH-D | 12 | 1.13 | 10.24 | 11.37 | 10.77 | 94.1 | |
| Q2892-09 | 3-FLOOR-SOUTH-E | 13 | 1.17 | 10.21 | 11.38 | 10.48 | 91.2 | |
| Q2892-10 | 3-FLOOR-SOUTH-E | 14 | 1.18 | 10.34 | 11.52 | 10.65 | 91.6 | |
| Q2892-11 | FRONT-1-FLOOR-F | 15 | 1.16 | 10.21 | 11.37 | 10.42 | 90.7 | |
| Q2892-12 | FRONT-1-FLOOR-F | 16 | 1.14 | 10.64 | 11.78 | 10.52 | 88.2 | |
| Q2893-01 | LOD-MDL-SOIL-01-QT3-2025 | 36 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2893-02 | LOQ-SOIL-02-QT3-2025 | 37 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2893-03 | MDL-SOIL-03-QT3-2025 | 38 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2893-04 | LOD-MDL-SOIL-04-QT3-2025 | 39 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2893-05 | LOQ-SOIL-05-QT3-2025 | 40 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2893-06 | MDL-SOIL-06-QT3-2025 | 41 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2893-16 | LLOQ-SOIL-QT3-2025 | 42 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2894-01 | 1A1B1C | 17 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Caulk sample |
| Q2894-02 | 2A2B2C | 18 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Caulk sample |
| Q2894-03 | 3A3B3C | 19 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Caulk sample |

# PERCENT SOLID

**Supervisor:** rubina
**Analyst:** jignesh
**Date:** 8/19/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:00
**In Date:** 08/18/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:25
**Out Date:** 08/19/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB136862

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q2894-04 | 4A4B4C | 20 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Caulk sample |
| Q2894-05 | 5A5B5C | 21 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Caulk sample |
| Q2895-01 | 1104 | 22 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oil sample |
| Q2895-03 | 1204 | 23 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | debris |
| Q2896-01 | 1 | 24 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2896-02 | 2 | 25 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2896-03 | 3 | 26 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2896-04 | 4 | 27 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2896-05 | 5 | 28 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2896-06 | 6 | 29 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2896-07 | 7 | 30 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2896-08 | 8 | 31 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2896-09 | 9 | 32 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2896-10 | 10 | 33 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2897-01 | HD-02-08182025 | 34 | 1.15 | 10.84 | 11.99 | 10.64 | 87.5 | |
| Q2897-02 | HD-02-08182025-E2 | 35 | 1.17 | 10.35 | 11.52 | 10.29 | 88.1 | |
| Q2899-03 | MDL-SOIL-QT3-2025-05 | 43 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2899-04 | MDL-SOIL-QT3-2025-06 | 44 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2899-05 | MDL-MED-SOIL-QT3-2025-05 | 45 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2899-06 | MDL-MED-SOIL-QT3-2025-06 | 46 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |

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

# WORKLIST(Hardcopy Internal Chain)

WB136862

**WorkList Name :** %1-081825 **WorkList ID :** 191322 **Department :** Wet-Chemistry **Date :** 08-18-2025 08:19:10

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2891-01 | BARRICADE | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2891-02 | WALL-1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2891-03 | WALL-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2891-04 | WALL-3 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-01 | 1ST-FLOOR-NORTH-EAST-CC | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-02 | 1ST-FLOOR-NORTH-EAST-CC | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-03 | 1ST-FLOOR-DRILL-B-BACK | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-04 | 1ST-FLOOR-DRILL-B-BACK | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-05 | BACK-1-FLOOR-CENTER-MIDI | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-06 | BACK-1-FLOOR-CENTER-MIDI | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-07 | 3-FLOOR-NORTH-D | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-08 | 3-FLOOR-NORTH-D | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-09 | 3-FLOOR-SOUTH-E | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-10 | 3-FLOOR-SOUTH-E | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-11 | FRONT-1-FLOOR-F | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2892-12 | FRONT-1-FLOOR-F | Solid | Percent Solids | Cool 4 deg C | BAPS03 | D31 | 08/15/2025 | Chemtech -SO |
| Q2893-01 | LOD-MDL-SOIL-01-QT3-2025 | Solid | Percent Solids | NONE | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |
| Q2893-02 | LOQ-SOIL-02-QT3-2025 | Solid | Percent Solids | NONE | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |
| Q2893-03 | MDL-SOIL-03-QT3-2025 | Solid | Percent Solids | NONE | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |
| Q2893-04 | LOD-MDL-SOIL-04-QT3-2025 | Solid | Percent Solids | NONE | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |
| Q2893-05 | LOQ-SOIL-05-QT3-2025 | Solid | Percent Solids | NONE | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |

**Date/Time** 08/18/25 15:00

**Raw Sample Received by:** RWC

**Raw Sample Relinquished by:** SR

**Date/Time** 08/18/25 17:10

**Raw Sample Received by:** SR

**Raw Sample Relinquished by:** RWC

# WORKLIST(Hardcopy Internal Chain)

JA 136862

**WorkList Name :** %1-081825 **WorkList ID :** 191322 **Department :** Wet-Chemistry **Date :** 08-18-2025 08:19:10

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2893-06 | MDL-SOIL-06-QT3-2025 | Solid | Percent Solids | NONE | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |
| Q2893-16 | LLOQ-SOIL-QT3-2025 | Solid | Percent Solids | NONE | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |
| Q2894-01 | 1A1B1C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | J32 | 08/07/2025 | Chemtech -SO |
| Q2894-02 | 2A2B2C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | J32 | 08/07/2025 | Chemtech -SO |
| Q2894-03 | 3A3B3C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | J32 | 08/07/2025 | Chemtech -SO |
| Q2894-04 | 4A4B4C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | J32 | 08/07/2025 | Chemtech -SO |
| Q2894-05 | 5A5B5C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | J32 | 08/07/2025 | Chemtech -SO |
| Q2895-01 | 1104 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2895-03 | 1204 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2896-01 | 1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2896-02 | 2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2896-03 | 3 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2896-04 | 4 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2896-05 | 5 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2896-06 | 6 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2896-07 | 7 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2896-08 | 8 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2896-09 | 9 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2896-10 | 10 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 08/18/2025 | Chemtech -SO |
| Q2897-01 | HD-02-08182025 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | D21 | 08/18/2025 | Chemtech -SO |
| Q2897-02 | HD-02-08182025-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | D21 | 08/18/2025 | Chemtech -SO |

**Date/Time** 08/18/25 15:00

**Raw Sample Received by:** TB (WDC)

**Raw Sample Relinquished by:** SR

**Date/Time** 08/18/25 17:10

**Raw Sample Received by:** SR

**Raw Sample Relinquished by:** TB (WDC)

# WORKLIST(Hardcopy Internal Chain)

136862

**WorkList Name :** %1-081825 **WorkList ID :** 191322 **Department :** Wet-Chemistry **Date :** 08-18-2025 08:19:10

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2899-03 | MDL-SOIL-QT3-2025-05 | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |
| Q2899-04 | MDL-SOIL-QT3-2025-06 | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |
| Q2899-05 | MDL-MED-SOIL-QT3-2025-05 | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |
| Q2899-06 | MDL-MED-SOIL-QT3-2025-06 | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 08/18/2025 | Chemtech -SO |

**Date/Time** 08118125 15:00

**Raw Sample Received by:** (WC)

**Raw Sample Relinquished by:** SM



**Date/Time** 08-18-25 17:10

**Raw Sample Received by:** SM

**Raw Sample Relinquished by:** (WC)

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 # LB136873

| | | | |
|---|---|---|---|
| Review By | MOHAN | Review On | 8/19/2025 3:09:57 PM |
| Supervise By | jaswal | Supervise On | 8/19/2025 3:22:34 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP86815,MP86816,MP86817,MP86818,MP86819,MP86820 |
| ICV Standard | MP86821 |
| CCV Standard | MP86823 |
| ICSA Standard | |
| CRI Standard | MP86825 |
| LCS Standard | |
| Chk Standard | MP86822,MP86824,MP86826,MP86845 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 08/19/25 11:29 | | sagar | OK |
| 2 | S0.2 | S0.2 | CAL2 | 08/19/25 11:31 | | sagar | OK |
| 3 | S2.5 | S2.5 | CAL3 | 08/19/25 11:33 | | sagar | OK |
| 4 | S5 | S5 | CAL4 | 08/19/25 11:36 | | sagar | OK |
| 5 | S7.5 | S7.5 | CAL5 | 08/19/25 11:38 | | sagar | OK |
| 6 | S10 | S10 | CAL6 | 08/19/25 11:40 | | sagar | OK |
| 7 | ICV22 | ICV22 | ICV | 08/19/25 11:44 | | sagar | OK |
| 8 | ICB22 | ICB22 | ICB | 08/19/25 11:46 | | sagar | OK |
| 9 | CCV68 | CCV68 | CCV | 08/19/25 11:49 | | sagar | OK |
| 10 | CCB68 | CCB68 | CCB | 08/19/25 11:51 | | sagar | OK |
| 11 | CRA | CRA | CRDL | 08/19/25 11:53 | | sagar | OK |
| 12 | HighStd | HighStd | HIGH STD | 08/19/25 11:55 | | sagar | OK |
| 13 | ChkStd | ChkStd | SAM | 08/19/25 11:58 | | sagar | OK |
| 14 | PB169292BS | PB169292BS | LCS | 08/19/25 12:05 | | sagar | OK |
| 15 | Q2892-02 | 1-FLOOR-NORTH-EA | SAM | 08/19/25 12:08 | | sagar | OK |
| 16 | Q2892-04 | 1-FLOOR-DRILL-B-BA | SAM | 08/19/25 12:10 | | sagar | OK |
| 17 | Q2892-06 | BACK-1-FLOOR-CEN | SAM | 08/19/25 12:12 | | sagar | OK |
| 18 | Q2892-08 | 3-FLOOR-NORTH-D | SAM | 08/19/25 12:15 | | sagar | OK |

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

**Instrument ID:** CV1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136873

| | | | |
|---|---|---|---|
| Review By | MOHAN | Review On | 8/19/2025 3:09:57 PM |
| Supervise By | jaswal | Supervise On | 8/19/2025 3:22:34 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP86815,MP86816,MP86817,MP86818,MP86819,MP86820 |
| ICV Standard | MP86821 |
| CCV Standard | MP86823 |
| ICSA Standard | |
| CRI Standard | MP86825 |
| LCS Standard | |
| Chk Standard | MP86822,MP86824,MP86826,MP86845 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q2892-10 | 3-FLOOR-SOUTH-E | SAM | 08/19/25 12:17 | | sagar | OK |
| 20 | CCV69 | CCV69 | CCV | 08/19/25 12:19 | | sagar | OK |
| 21 | CCB69 | CCB69 | CCB | 08/19/25 12:22 | | sagar | OK |
| 22 | Q2892-12 | FRONT-1-FLOOR-F | SAM | 08/19/25 12:24 | | sagar | OK |
| 23 | Q2897-01 | HD-02-08182025 | SAM | 08/19/25 12:33 | | sagar | OK |
| 24 | Q2897-01DUP | HD-02-08182025DUP | DUP | 08/19/25 12:39 | | sagar | OK |
| 25 | Q2897-01MS | HD-02-08182025MS | MS | 08/19/25 12:41 | | sagar | OK |
| 26 | Q2897-01MSD | HD-02-08182025MSD | MSD | 08/19/25 12:43 | | sagar | OK |
| 27 | PB169292BL | PB169292BL | MB | 08/19/25 12:49 | | sagar | OK |
| 28 | Q2897-01L | HD-02-08182025L | SD | 08/19/25 12:51 | | sagar | OK |
| 29 | Q2897-01A | HD-02-08182025A | PS | 08/19/25 12:53 | | sagar | OK |
| 30 | CCV70 | CCV70 | CCV | 08/19/25 12:55 | | sagar | OK |
| 31 | CCB70 | CCB70 | CCB | 08/19/25 12:58 | | sagar | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136886

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 8/20/2025 4:20:31 PM |
| Supervise By | jaswal | Supervise On | 8/21/2025 1:53:50 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP86640,MP86656,MP86653,MP86643,MP86642,MP86641 |
| ICV Standard | MP86752,MP86656 |
| CCV Standard | MP86646 |
| ICSA Standard | MP86651,MP86753 |
| CRI Standard | MP86656 |
| LCS Standard | |
| Chk Standard | MP86647,MP86648 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 08/19/25 11:15 | | Jaswal | OK |
| 2 | S1 | S1 | CAL2 | 08/19/25 11:19 | | Jaswal | OK |
| 3 | S2 | S2 | CAL3 | 08/19/25 11:24 | | Jaswal | OK |
| 4 | S3 | S3 | CAL4 | 08/19/25 11:28 | | Jaswal | OK |
| 5 | S4 | S4 | CAL5 | 08/19/25 11:32 | | Jaswal | OK |
| 6 | S5 | S5 | CAL6 | 08/19/25 11:36 | | Jaswal | OK |
| 7 | ICV01 | ICV01 | ICV | 08/19/25 12:17 | | Jaswal | OK |
| 8 | LLICV01 | LLICV01 | LLICV | 08/19/25 12:23 | | Jaswal | OK |
| 9 | ICB01 | ICB01 | ICB | 08/19/25 12:27 | | Jaswal | OK |
| 10 | CRI01 | CRI01 | CRDL | 08/19/25 12:38 | | Jaswal | OK |
| 11 | ICSA01 | ICSA01 | ICSA | 08/19/25 12:42 | | Jaswal | OK |
| 12 | ICSAB01 | ICSAB01 | ICSAB | 08/19/25 12:46 | | Jaswal | OK |
| 13 | ICSADL | ICSADL | ICSA | 08/19/25 12:51 | | Jaswal | OK |
| 14 | ICSABDL | ICSABDL | ICSAB | 08/19/25 12:55 | | Jaswal | OK |
| 15 | CCV01 | CCV01 | CCV | 08/19/25 12:59 | | Jaswal | OK |
| 16 | CCB01 | CCB01 | CCB | 08/19/25 13:03 | | Jaswal | OK |
| 17 | LR-2 | LR-2 | HIGH STD | 08/19/25 13:12 | | Jaswal | OK |
| 18 | LR-3 | LR-3 | HIGH STD | 08/19/25 13:17 | | Jaswal | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136886

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 8/20/2025 4:20:31 PM |
| Supervise By | jaswal | Supervise On | 8/21/2025 1:53:50 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP86640,MP86656,MP86653,MP86643,MP86642,MP86641 |
| ICV Standard | MP86752,MP86656 |
| CCV Standard | MP86646 |
| ICSA Standard | MP86651,MP86753 |
| CRI Standard | MP86656 |
| LCS Standard | |
| Chk Standard | MP86647,MP86648 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q2552-06 | WS0725-PT-SIO2-WS | SAM | 08/19/25 13:26 | | Jaswal | OK |
| 20 | PB169295BL | PB169295BL | MB | 08/19/25 13:30 | | Jaswal | OK |
| 21 | PB169295BS | PB169295BS | LCS | 08/19/25 13:35 | | Jaswal | OK |
| 22 | Q2552-03 | WS0725-PT-MIN-WS | SAM | 08/19/25 13:39 | | Jaswal | OK |
| 23 | Q2552-04 | WS0725-PT-TM-WS | SAM | 08/19/25 13:43 | | Jaswal | OK |
| 24 | Q2879-05 | OU4-TS-GRILLO-TSC | SAM | 08/19/25 13:52 | | Jaswal | OK |
| 25 | LR-1 | LR-1 | HIGH STD | 08/19/25 13:56 | | Jaswal | OK |
| 26 | Q2879-07 | OU4-TS-GRILLO-TSC | SAM | 08/19/25 14:01 | | Jaswal | OK |
| 27 | CCV02 | CCV02 | CCV | 08/19/25 14:05 | | Jaswal | OK |
| 28 | CCB02 | CCB02 | CCB | 08/19/25 14:09 | | Jaswal | OK |
| 29 | Q2879-09 | OU4-TS-GRILLO-TSC | SAM | 08/19/25 14:13 | | Jaswal | OK |
| 30 | Q2879-11 | OU4-TS-GRILLO-TSC | SAM | 08/19/25 14:17 | | Jaswal | OK |
| 31 | Q2879-13 | OU4-TS-GRILLO-TSC | SAM | 08/19/25 14:21 | | Jaswal | OK |
| 32 | Q2879-15 | OU4-TS-GRILLO-TSC | SAM | 08/19/25 14:26 | | Jaswal | OK |
| 33 | Q2879-17 | OU4-TS-GRILLO-TSC | SAM | 08/19/25 14:30 | | Jaswal | OK |
| 34 | Q2884-01 | VNJ-232 | SAM | 08/19/25 14:34 | | Jaswal | OK |
| 35 | Q2884-03 | 302 | SAM | 08/19/25 14:38 | | Jaswal | OK |
| 36 | Q2888-01 | VNJ-210 | SAM | 08/19/25 14:42 | | Jaswal | OK |
| 37 | Q2889-01 | PL-02-081525 | SAM | 08/19/25 14:46 | | Jaswal | OK |
| 38 | Q2889-01DUP | PL-02-081525 | DUP | 08/19/25 14:50 | | Jaswal | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136886

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 8/20/2025 4:20:31 PM |
| Supervise By | jaswal | Supervise On | 8/21/2025 1:53:50 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP86640,MP86656,MP86653,MP86643,MP86642,MP86641 |
| ICV Standard | MP86752,MP86656 |
| CCV Standard | MP86646 |
| ICSA Standard | MP86651,MP86753 |
| CRI Standard | MP86656 |
| LCS Standard | |
| Chk Standard | MP86647,MP86648 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 39 | CCV03 | CCV03 | CCV | 08/19/25 14:54 | | Jaswal | OK |
| 40 | CCB03 | CCB03 | CCB | 08/19/25 14:58 | | Jaswal | OK |
| 41 | Q2889-01L | PL-02-081525 | SD | 08/19/25 15:02 | | Jaswal | OK |
| 42 | Q2889-01MS | PL-02-081525MS | MS | 08/19/25 15:07 | | Jaswal | OK |
| 43 | Q2889-01A | PL-02-081525 | PS | 08/19/25 15:14 | 0.1ML OF EACH M6004 AND M6017 IN 10ML SAMPLE. | Jaswal | OK |
| 44 | PB169280BL | PB169280BL | MB | 08/19/25 15:18 | | Jaswal | OK |
| 45 | PB169280BS | PB169280BS | LCS | 08/19/25 15:23 | | Jaswal | OK |
| 46 | Q2879-01 | OU4-TS-GRILLO-TSC | SAM | 08/19/25 15:27 | | Jaswal | OK |
| 47 | Q2879-03 | OU4-TS-GRILLO-TSC | SAM | 08/19/25 15:31 | | Jaswal | OK |
| 48 | Q2889-01MSD | PL-02-081525MSD | MSD | 08/19/25 15:35 | | Jaswal | OK |
| 49 | PB169302BL | PB169302BL | MB | 08/19/25 15:39 | | Jaswal | OK |
| 50 | PB169302BS | PB169302BS | LCS | 08/19/25 15:43 | | Jaswal | OK |
| 51 | CCV04 | CCV04 | CCV | 08/19/25 15:47 | | Jaswal | OK |
| 52 | CCB04 | CCB04 | CCB | 08/19/25 15:52 | | Jaswal | OK |
| 53 | PB169291TB | PB169291TB | MB | 08/19/25 15:56 | | Jaswal | OK |
| 54 | Q2884-04 | 302 | SAM | 08/19/25 16:00 | | Jaswal | OK |
| 55 | Q2888-02 | VNJ-210 | SAM | 08/19/25 16:05 | | Jaswal | OK |
| 56 | Q2888-02DUP | VNJ-210DUP | DUP | 08/19/25 16:09 | | Jaswal | OK |
| 57 | Q2888-02L | VNJ-210L | SD | 08/19/25 16:13 | | Jaswal | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136886

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 8/20/2025 4:20:31 PM |
| Supervise By | jaswal | Supervise On | 8/21/2025 1:53:50 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP86640,MP86656,MP86653,MP86643,MP86642,MP86641 |
| ICV Standard | MP86752,MP86656 |
| CCV Standard | MP86646 |
| ICSA Standard | MP86651,MP86753 |
| CRI Standard | MP86656 |
| LCS Standard | |
| Chk Standard | MP86647,MP86648 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 58 | Q2888-02MS | VNJ-210MS | MS | 08/19/25 16:18 | | Jaswal | OK |
| 59 | Q2888-02MSD | VNJ-210MSD | MSD | 08/19/25 16:22 | | Jaswal | OK |
| 60 | Q2888-02A | VNJ-210A | PS | 08/19/25 16:26 | 0.1ML OF EACH M6004 AND M6017 IN 10ML SAMPLE. | Jaswal | OK |
| 61 | PB169304BL | PB169304BL | MB | 08/19/25 16:30 | | Jaswal | OK |
| 62 | PB169304BS | PB169304BS | LCS | 08/19/25 16:34 | | Jaswal | OK |
| 63 | CCV05 | CCV05 | CCV | 08/19/25 16:38 | | Jaswal | OK |
| 64 | CCB05 | CCB05 | CCB | 08/19/25 16:43 | | Jaswal | OK |
| 65 | Q2891-01 | BARRICADE | SAM | 08/19/25 16:47 | | Jaswal | OK |
| 66 | Q2891-02 | WALL-1 | SAM | 08/19/25 16:51 | | Jaswal | OK |
| 67 | Q2891-03 | WALL-2 | SAM | 08/19/25 16:56 | | Jaswal | OK |
| 68 | Q2891-04 | WALL-3 | SAM | 08/19/25 17:00 | | Jaswal | OK |
| 69 | Q2892-02 | 1-FLOOR-NORTH-EA | SAM | 08/19/25 17:04 | Wrong Sample | Jaswal | Not Ok |
| 70 | Q2891-02DUP | WALL-1DUP | DUP | 08/19/25 17:09 | Wrong Sample | Jaswal | Not Ok |
| 71 | Q2891-02L | WALL-1L | SD | 08/19/25 17:13 | Wrong Sample | Jaswal | Not Ok |
| 72 | Q2891-02MS | WALL-1MS | MS | 08/19/25 17:17 | Wrong Sample | Jaswal | Not Ok |
| 73 | Q2891-02MSD | WALL-1MSD | MSD | 08/19/25 17:21 | Wrong Sample | Jaswal | Not Ok |
| 74 | Q2891-02A | WALL-1A | PS | 08/19/25 17:25 | Wrong Sample | Jaswal | Not Ok |
| 75 | CCV06 | CCV06 | CCV | 08/19/25 17:29 | | Jaswal | OK |
| 76 | CCB06 | CCB06 | CCB | 08/19/25 17:33 | | Jaswal | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136886

| | | | |
|---|---|---|---|
| Review By | Janvi | Review On | 8/20/2025 4:20:31 PM |
| Supervise By | jaswal | Supervise On | 8/21/2025 1:53:50 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP86640,MP86656,MP86653,MP86643,MP86642,MP86641 |
| ICV Standard | MP86752,MP86656 |
| CCV Standard | MP86646 |
| ICSA Standard | MP86651,MP86753 |
| CRI Standard | MP86656 |
| LCS Standard | |
| Chk Standard | MP86647,MP86648 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 77 | Q2892-04 | 1-FLOOR-DRILL-B-BA | SAM | 08/19/25 17:37 | | Jaswal | OK |
| 78 | Q2892-06 | BACK-1-FLOOR-CEN | SAM | 08/19/25 17:42 | | Jaswal | OK |
| 79 | Q2892-08 | 3-FLOOR-NORTH-D | SAM | 08/19/25 17:46 | | Jaswal | OK |
| 80 | Q2892-10 | 3-FLOOR-SOUTH-E | SAM | 08/19/25 17:50 | | Jaswal | OK |
| 81 | Q2892-12 | FRONT-1-FLOOR-F | SAM | 08/19/25 17:54 | | Jaswal | OK |
| 82 | Q2897-01 | HD-02-08182025 | SAM | 08/19/25 17:58 | | Jaswal | OK |
| 83 | CCV07 | CCV07 | CCV | 08/19/25 18:02 | | Jaswal | OK |
| 84 | CCB07 | CCB07 | CCB | 08/19/25 18:07 | | Jaswal | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136898

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 8/21/2025 9:30:15 AM |
| Supervise By | MOHAN | Supervise On | 8/21/2025 5:53:36 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP86640,MP86656,MP86653,MP86643,MP86642,MP86641 |
| ICV Standard | MP86752,MP86656 |
| CCV Standard | MP86646 |
| ICSA Standard | MP86651,MP86753 |
| CRI Standard | MP86656 |
| LCS Standard | |
| Chk Standard | MP86647,MP86648 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | S0 | S0 | CAL1 | 08/20/25 12:38 | | Jaswal | OK |
| 2 | S1 | S1 | CAL2 | 08/20/25 12:43 | | Jaswal | OK |
| 3 | S2 | S2 | CAL3 | 08/20/25 12:47 | | Jaswal | OK |
| 4 | S3 | S3 | CAL4 | 08/20/25 12:51 | | Jaswal | OK |
| 5 | S4 | S4 | CAL5 | 08/20/25 12:55 | | Jaswal | OK |
| 6 | S5 | S5 | CAL6 | 08/20/25 12:59 | | Jaswal | OK |
| 7 | ICV01 | ICV01 | ICV | 08/20/25 13:04 | | Jaswal | OK |
| 8 | LLICV01 | LLICV01 | LLICV | 08/20/25 13:17 | | Jaswal | OK |
| 9 | ICB01 | ICB01 | ICB | 08/20/25 13:21 | | Jaswal | OK |
| 10 | CRI01 | CRI01 | CRDL | 08/20/25 13:26 | | Jaswal | OK |
| 11 | ICSA01 | ICSA01 | ICSA | 08/20/25 13:30 | | Jaswal | OK |
| 12 | ICSAB01 | ICSAB01 | ICSAB | 08/20/25 13:34 | | Jaswal | OK |
| 13 | ICSADL | ICSADL | ICSA | 08/20/25 13:38 | | Jaswal | OK |
| 14 | ICSABDL | ICSABDL | ICSAB | 08/20/25 13:42 | | Jaswal | OK |
| 15 | CCV01 | CCV01 | CCV | 08/20/25 13:47 | | Jaswal | OK |
| 16 | CCB01 | CCB01 | CCB | 08/20/25 13:51 | | Jaswal | OK |
| 17 | LR-1 | LR-1 | HIGH STD | 08/20/25 13:55 | | Jaswal | OK |
| 18 | LR-2 | LR-2 | HIGH STD | 08/20/25 14:00 | | Jaswal | OK |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136898

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 8/21/2025 9:30:15 AM |
| Supervise By | MOHAN | Supervise On | 8/21/2025 5:53:36 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP86640,MP86656,MP86653,MP86643,MP86642,MP86641 |
| ICV Standard | MP86752,MP86656 |
| CCV Standard | MP86646 |
| ICSA Standard | MP86651,MP86753 |
| CRI Standard | MP86656 |
| LCS Standard | |
| Chk Standard | MP86647,MP86648 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | LR-3 | LR-3 | HIGH STD | 08/20/25 14:04 | | Jaswal | OK |
| 20 | Q2892-02 | 1-FLOOR-NORTH-EA | SAM | 08/20/25 14:09 | | Jaswal | OK |
| 21 | Q2892-02DUP | 1-FLOOR-NORTH-EA | DUP | 08/20/25 14:15 | | Jaswal | OK |
| 22 | Q2892-02MS | 1-FLOOR-NORTH-EA | MS | 08/20/25 14:23 | | Jaswal | OK |
| 23 | Q2892-02MSD | 1-FLOOR-NORTH-EA | MSD | 08/20/25 14:27 | | Jaswal | OK |
| 24 | Q2892-02A | 1-FLOOR-NORTH-EA | PS | 08/20/25 14:31 | | Jaswal | OK |
| 25 | CCV02 | CCV02 | CCV | 08/20/25 14:39 | | Jaswal | OK |
| 26 | CCB02 | CCB02 | CCB | 08/20/25 14:43 | | Jaswal | OK |
| 27 | PB169301BL | PB169301BL | MB | 08/20/25 14:48 | | Jaswal | OK |
| 28 | PB169301BS | PB169301BS | LCS | 08/20/25 14:52 | | Jaswal | OK |
| 29 | Q2892-02L | 1-FLOOR-NORTH-EA | SD | 08/20/25 14:56 | | Jaswal | OK |
| 30 | Q2818-04 | B-2-5-1 | SAM | 08/20/25 15:00 | | Jaswal | OK |
| 31 | Q2818-05 | B-3-5-2 | SAM | 08/20/25 15:04 | | Jaswal | OK |
| 32 | Q2818-05DUP | B-3-5-2DUP | DUP | 08/20/25 15:08 | | Jaswal | OK |
| 33 | Q2818-05A | B-3-5-2A | PS | 08/20/25 15:24 | | Jaswal | OK |
| 34 | Q2818-05L | B-3-5-2L | SD | 08/20/25 15:32 | | Jaswal | OK |
| 35 | Q2818-05MS | B-3-5-2MS | MS | 08/20/25 15:37 | | Jaswal | OK |
| 36 | Q2818-05MSD | B-3-5-2MSD | MSD | 08/20/25 15:41 | | Jaswal | OK |
| 37 | CCV03 | CCV03 | CCV | 08/20/25 15:45 | | Jaswal | OK |
| 38 | CCB03 | CCB03 | CCB | 08/20/25 15:49 | | Jaswal | OK |

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Fax : 908 789 8922

**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch ID # LB136898

| | | | |
|---|---|---|---|
| Review By | jaswal | Review On | 8/21/2025 9:30:15 AM |
| Supervise By | MOHAN | Supervise On | 8/21/2025 5:53:36 PM |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | MP86640,MP86656,MP86653,MP86643,MP86642,MP86641 |
| ICV Standard | MP86752,MP86656 |
| CCV Standard | MP86646 |
| ICSA Standard | MP86651,MP86753 |
| CRI Standard | MP86656 |
| LCS Standard | |
| Chk Standard | MP86647,MP86648 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 39 | PB169303BL | PB169303BL | MB | 08/20/25 15:53 | | Jaswal | OK |
| 40 | PB169303BS | PB169303BS | LCS | 08/20/25 15:58 | | Jaswal | OK |
| 41 | Q2881-01 | RW8-SP100-2025081 | SAM | 08/20/25 16:02 | | Jaswal | OK |
| 42 | Q2881-02 | RW8-SP303-2025081 | SAM | 08/20/25 16:06 | | Jaswal | OK |
| 43 | Q2881-02DUP | RW8-SP303-2025081 | DUP | 08/20/25 16:10 | | Jaswal | OK |
| 44 | Q2881-02L | RW8-SP303-2025081 | SD | 08/20/25 16:14 | | Jaswal | OK |
| 45 | Q2881-02MS | RW8-SP303-2025081 | MS | 08/20/25 16:19 | | Jaswal | OK |
| 46 | Q2881-02MSD | RW8-SP303-2025081 | MSD | 08/20/25 16:23 | | Jaswal | OK |
| 47 | Q2881-02A | RW8-SP303-2025081 | PS | 08/20/25 16:27 | | Jaswal | OK |
| 48 | Q2814-01 | TW-84SB-E | SAM | 08/20/25 16:31 | Not Use | Jaswal | Not Ok |
| 49 | CCV04 | CCV04 | CCV | 08/20/25 16:35 | | Jaswal | OK |
| 50 | CCB04 | CCB04 | CCB | 08/20/25 16:39 | | Jaswal | OK |
| 51 | Q2814-03 | TW-17M-W | SAM | 08/20/25 16:43 | Not Use | Jaswal | Not Ok |
| 52 | Q2814-22 | TW-84SB-E | SAM | 08/20/25 16:47 | | Jaswal | OK |
| 53 | Q2814-23 | TW-17M-W | SAM | 08/20/25 16:52 | NOT USE | Jaswal | Not Ok |
| 54 | Q2815-20 | TW-11M-W | SAM | 08/20/25 16:56 | Not use | Jaswal | Not Ok |
| 55 | Q2815-25 | TW-11M-W | SAM | 08/20/25 17:00 | | Jaswal | OK |
| 56 | PB169301TB | PB169301TB | MB | 08/20/25 17:04 | | Jaswal | OK |
| 57 | CCV05 | CCV05 | CCV | 08/20/25 17:09 | | Jaswal | OK |
| 58 | CCB05 | CCB05 | CCB | 08/20/25 17:13 | | Jaswal | OK |

# SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2898
COC Number 2045717

## CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: BAPS North Bergen
ADDRESS: 2000 Tonnelle AVE
CITY North Bergen STATE: N.J. ZIP: 07047
ATTENTION: RAKESH PATEL
PHONE: FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: BAPS 2000 Tonnelle AVE
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

## CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY Same STATE: ZIP:
ATTENTION: PHONE:

## 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: EPH – NJ
2: Cyanide Mercury Metals ICP TAL
3: PCB
4: Pesticide – TCL
5: SVOC – TCL
6: VOC – TCL VOA-10
7:
8:
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 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 1 Floor - North EAST Corner - BACK-A | SOL | X | | 8-15-25 | 12:46 | 3 | | X | X | X | | | | | | |
| 2. | 1 | | | X | | 12:50 | 5 | X | | | | X | | | | | |
| 3. | 1 Floor - Drill - B-Back | | X | | | 1304 | 3 | | X | X | X | | | | | | |
| 4. | 1 | | | X | | 1310 | 5 | X | | | | X | | | | | |
| 5. | Back-1 Floor - Center Middle - C | | X | | | 1318 | 3 | | X | X | X | | | | | | |
| 6. | 1 | | | X | | 1322 | 5 | X | | | | X | | | | | |
| 7. | 3 Floor - North - D | | X | | | 1400 | 3 | | X | X | X | | | | | | |
| 8. | 1 | | | X | | 1406 | 5 | X | | | | X | | | | | |
| 9. | 3 Floor - south - E | | X | | | 1424 | 3 | | X | X | X | | | | | | |
| 10. | 1 | | | X | | 1430 | 5 | X | | | | X | | | | | |

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

| | DATE/TIME | RECEIVED BY |
|---|---|---|
| RELINQUISHED BY SAMPLER: 1. | DATE/TIME: 1530 8.15.2025 | RECEIVED BY: 1. |
| RELINQUISHED BY SAMPLER: 2. | DATE/TIME: | RECEIVED BY: 2. |
| RELINQUISHED BY SAMPLER: 3. | DATE/TIME: 1700 8.15.2025 | RECEIVED BY: 3. |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 4.1c °C
Comments: Equal volume of soil used.

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2892
COC Number 2045250

## CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: BAPS North Bergen
ADDRESS: 2000 Tonnelle AVE
CITY North Bergen STATE: N.J ZIP: 07047
ATTENTION: RAKESH PATEL
PHONE: FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: BAPS 2000 Tonnelle AVE
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

## CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

## 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 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

## ANALYSIS

1 EPH – NJ
2 Cyanide, Mercury, Methane, ICP-TAL
3 PCB
4 Pesticide-TCL SVOC-TAL
5 VOC-TCL VOA-10
6
7
8
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 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Front – 1 Floor – F | SOL | X | | 8.15.25 | 1442 | 3 | | X | X | X | | | | | | |
| 2. | L | L | | X | L | 1448 | 5 | X | | | | X | | | | | |
| 3. | | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | |

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

## SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

| RELINQUISHED BY SAMPLER: | DATE/TIME: | RECEIVED BY: |
|---|---|---|
| 1. | 8.15.2025 1530 | 1. |
| 2. | | 2. |
| 3. | 8.15.2025 1700 | 3. |

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ☒ COOLER TEMP 4.1 °C
Comments: equal volume of soil used.

Page 2 of 2

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: BAPS ~~North~~ 2000 ~~Bergen~~ Tonnelle AVE
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 2000 Tonnelle AVE, North Bergen, N.J. 07047

Chemtech Order ID:
Sampler Name: Lawrence Cotw
Client Project Coordinator & Phone:
Page #: 1 of 1
Date: 8.15.2025
Arrive Time: 11:42
Depart Time: 1530

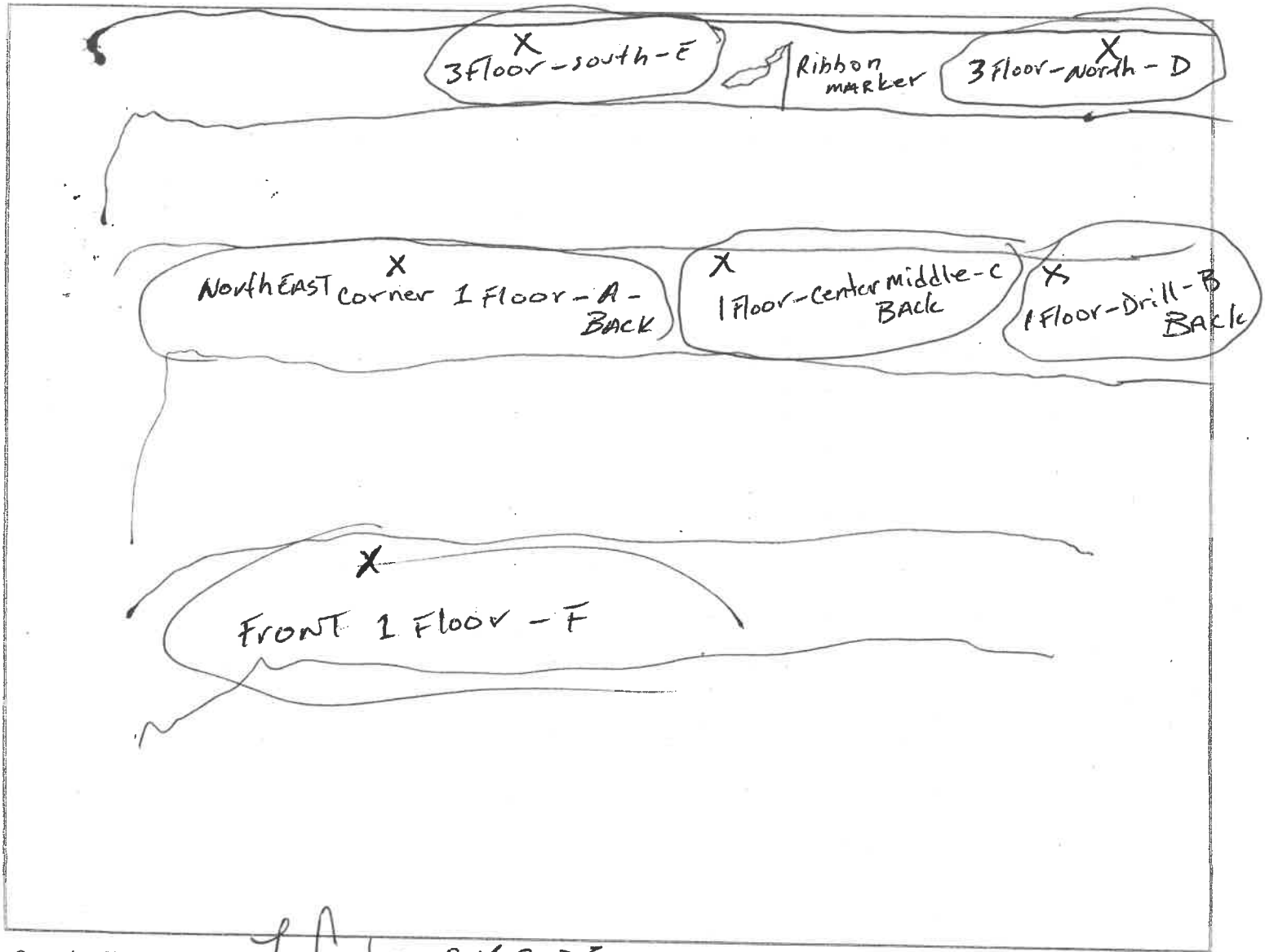
Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank / soil wall
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe

Collection Depths: Dimensions/CY:
Temp (range): °C PID Readings (range): PPM Odor: Y / (N) Color (Y) / N

Sample Description: Brown soil, rocks.
Field Observations: Stumped. 1 Floor - North EAST Corner - BACK - A, 1 Floor - Drill - B - Back, 1 Floor - Center Middle - C - BACK, 3 Floor - North - D, 3 Floor - south - E, Front - 1 Floor - F

Grid/Area Composite Map:

QA Control # A3041134




Sampler Signature: L. Cotw 8.15.2025
Supervisor Review/Date:
Client Signature:
Date/Time Arrived at Lab:

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

| Certified By | License No. |
|---|---|
| CAS EPA CLP Contract | 68HERH20D0011 |
| Connecticut | PH-0830 |
| DOD ELAP (ANAB) | L2219 |
| Maine | 2024021 |
| Maryland | 296 |
| New Hampshire | 255424 Rev 1 |
| New Jersey | 20012 |
| New York | 11376 |
| Pennsylvania | 68-00548 |
| Soil Permit | 525-24-234-08441 |
| Texas | TX-C25-00189 |
| Virginia | 460312 |

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

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q2892 BAPS03
**Client Name :** BAPS North Bergen Develc
**Client Contact :** Jatinkuma Patel
**Invoice Name :** BAPS North Bergen Develc
**Invoice Contact :** Jatinkuma Patel

**Order Date :** 8/15/2025 3:18:33 PM
**Project Name :** BAPS 2000 Tonnelle Ave
**Receive DateTime :** 8/15/2025 5:00:00 PM
**Purchase Order :**

**Project Mgr :** Yazmeen
**Report Type :** Level 1
**EDD Type :** EXCEL NJCLEANUP
**Hard Copy Date :**
**Date Signoff :** 8/18/2025 11:07:33 AM

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q2892-01 | 1-FLOOR-NORTH-EAST-~~CONRNER~~ CORNER -BACK-A | Solid | 08/15/2025 | 12:50 | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q2892-03 | 1-FLOOR-DRILL-B-BACK | Solid | 08/15/2025 | 13:10 | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q2892-05 | BACK-1-FLOOR-CENTER-MIDDLE-C | Solid | 08/15/2025 | 13:22 | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q2892-07 | 3-FLOOR-NORTH-D | Solid | 08/15/2025 | 14:06 | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q2892-09 | 3-FLOOR-SOUTH-E | Solid | 08/15/2025 | 14:30 | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q2892-11 | FRONT-1-FLOOR-F | Solid | 08/15/2025 | 14:48 | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |

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

YG 08/19/2025

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q2892 BAPS03
**Client Name :** BAPS North Bergen
**Client Contact :** Jatinkuma Patel
**Invoice Name :** BAPS North Bergen
**Invoice Contact :** Jatinkuma Patel

**Order Date :** 8/15/2025 3:18:33 PM
**Project Name :** BAPS 2000 Tonnelle Ave
**Receive DateTime :** 8/15/2025 ~~12:00:00 AM~~ 5:00:00 PM
**Purchase Order :**

**Project Mgr :**
**Report Type :** Level 1
**EDD Type :** EXCEL NJCLEANUP
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|

**Relinguished By :**
**Date / Time :** 8/18/25 0730

**Received By :**
**Date / Time :** 8/18/25 730

**Storage Area :** VOA Refridgerator Room